2022 Groundwater Monitoring Report

RCRA Corrective Action
IND 980 700 801

2915 Dr. Martin Luther King Jr. Boulevard, Anderson, IN
Revitalizing Auto Communities Environmental Response Trust

Indiana Department of Environmental Management

2 August 2022

→ **The Power of Commitment**



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List of Acronyms/Short Forms

1,1-DCA	1,1-dichloroethane
mg/L	milligrams per liter
AOC	Area of Concern
AOI	Areas of Interest
bgs	below ground surface
cis-1,2-DCE	cis-1,2-dichloroethene
CM	corrective measures
CMP	Corrective Measures Proposal
CRA	Conestoga-Rovers & Associates
DCE	dichloroethene
DO	dissolved oxygen
ENVIRON	ENVIRON International Corporation
EPA	United States Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GMC	General Motors Corporation
ID	identification
IDEM	Indiana Department of Environmental Management
IDW	investigative derived waste
MCL	Maximum Contaminant Level
MLK	Martin Luther King Junior
NAVD	North American Vertical Datum
ORP	oxidation reduction potential
RACER	Revitalizing Auto Communities Environmental Response
RCGSL	Remediation Closure Guide Screening Levels
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RHHRA	Human Health Risk Assessment and Derivation of Site-Specific Risk-based Screening Levels Report
SWMU	Solid Waste Management Unit
TCE	trichloroethene
TCL	target compound list
trans-1,2-DCE	trans-1,2-dichloroethene
VOC	volatile organic compound
WWTP	wastewater treatment plant

1. Introduction

GHD, on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust, has prepared this 2022 Groundwater Monitoring Report (Report) for the RACER Trust facility located at 2915 Dr. Martin Luther King Junior (MLK) Boulevard in Anderson, Indiana (Site).

1.1 Purpose of this report

This Report has been prepared to summarize the results of groundwater and surface water monitoring conducted at and near the Site in 2022. This Report is submitted to the Indiana Department of Environmental Management (IDEM) in support of ongoing Resource Conservation and Recovery Act (RCRA) Corrective Action at the Site. The monitoring was conducted pursuant to the Site Groundwater Monitoring Plan (GHD, March 15, 2022).

The Site-wide groundwater monitoring program is intended to be implemented as part of the final corrective measures (CM) at the Site. As such, the primary objectives of the Site-wide groundwater monitoring is to:

– Monitor the stability of the two volatile organic compound (VOC) groundwater plumes

As the final corrective measures includes long-term monitoring of groundwater quality, this Report has been prepared to summarize the 2022 groundwater monitoring activities and review of the 2022 analytical data. As appropriate, this Report supplements findings of the Final RCRA Facility Investigation (RFI) Report (CRA, June 2014) and previous groundwater monitoring reports. It is noted that the historical information in this Report is largely cited from the 2011 Annual Groundwater Monitoring Report (AECOM, 2012), prepared by others.

1.2 Scope and limitations

This report: has been prepared by GHD for RACER Trust and may only be used and relied on by RACER Trust for the purpose agreed between GHD and RACER Trust as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than RACER Trust arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

2. Background

2.1 Site Description

The Site is located in the northwest quarter of Section 23, T19N, R7E, on the southwest side of Anderson, Madison County, Indiana. Formerly the Site was comprised of approximately 3,000,000 square feet of manufacturing operations situated on 234 acres. A Site location map is provided on **Figure 1**.

MLK Boulevard divides the Site in a north-south direction. The former east manufacturing areas (Plants 6 and 9) and the Wastewater Treatment Plant (WWTP) are bounded by active railroad tracks to the south, by 29th Street to the north, and Madison Avenue to the east. The former manufacturing facilities west of MLK Boulevard, referred to as the

Main Plant, are bounded to the west and south by active railroad tracks, and to the north by 25th Street. Facility parking areas were located west of the westernmost railroad, and north of 25th street. A small public-access park is located in the northernmost portion of the Site. A Site plan is provided on **Figure 2**.

Land use surrounding the Site varies from residential and commercial to the north and east, residential and recreational (Meadowbrook Golf Course) to the south, and residential and agricultural to the west.

2.2 Site History

Operations began at the MLK Boulevard facility in 1929. Primary manufacturing operations at the Site included injection molding, stamping, assembly and wastewater treatment. Manufacturing plants were expanded several times, generally proceeding from the north end of the Main Plant southward and eastward through 1989.

The former Plant 6 and 9 properties and a lot east of Madison Avenue were sold soon after related manufacturing operations ceased in 1997. All manufacturing operations at the Site ceased in 2006. Facilities west of MLK Boulevard were demolished during the period of late 2007 to early 2009. The demolition included the removal of all concrete building slabs and many areas of pavement around the immediate Main Plant building area. Following demolition, the area was regraded and covered with varying thickness of crushed concrete. A soil and vegetative cover were applied during the summer of 2009.

General Motors Corporation (GMC) declared bankruptcy in June 2009. The RACER Trust was created in March 2011 by the U.S. Bankruptcy Court to clean up and position for redevelopment certain properties and other facilities owned by former GMC before the 2009 bankruptcy, including this Site.

RACER Trust sold the northern portion of the former Main Plant building (Tract B North) on April 1, 2015. Tract B (North) was redeveloped as a plastic injection molding plant later in 2015. RACER Trust donated Tracts C and F and Crawford Field, north of the former main plant building, to the City of Anderson on September 14, 2015. Lot 1, east of MLK Boulevard, was sold on July 6, 2016. RACER Trust sold the central portion of the former Main Plant building (Tract B Central) on September 14, 2019 for expansion to the plastic injection molding plant. The remaining portions of the Site that were held by GMC until its bankruptcy in June 2009 are currently owned by RACER Trust. The Site boundary and historical operational areas are shown on **Figure 3**.

2.3 Hydrologic Setting

2.3.1 Physiography

The Site is situated in the New Castle Till Plains and Drainage ways Section of the Central Till Plain Region as described by Gray (2000). This area was affected by multiple continental glaciations that deposited a thick blanket of glacial sediments over the bedrock. The New Castle Till Plains and Drainage ways Section is primarily underlain by complexly stratified glacial diamict deposits, glaciofluvial sand and gravel deposits and glaciolacustrial silt and clay deposits. The area is characterized by broad plains of low relief crossed by relict glacial meltwater valleys (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

2.3.2 Stormwater/Surface Water Drainage

The Site area is nearly level with elevations ranging from 860 to 880 feet North American Vertical Datum (NAVD) 88. East of MLK Boulevard the elevation is lowest, and the surface elevation descends into a relict glacial meltwater valley. Former Plant 9, Plant 6, and the Meadowbrook Golf Course are all located in the relict meltwater valley, the western border of which roughly follows the alignment of MLK Boulevard. This valley trends south-southwest from Anderson, Indiana several miles towards Pendleton, Indiana (Brown and others, 2003). A small channelized stream, Stanley Ditch, occupies the north end of the relict meltwater valley and drains westward along the south boundary of the Meadowbrook Golf Course. Stanley Ditch originally flowed to the north between former Plant 6 and Plant 9 but was diverted southward in 1963 to provide stormwater relief for the City of Anderson combined sewer system. As a

result, Stanley Ditch is now tributary to Prairie Creek and flows to the south down the trend of the valley to Pendleton, Indiana where it joins Fall Creek, a tributary to the West Fork White River.

Stormwater run-off from paved areas of the property either infiltrates the ground surface or is directed to the combined sewer system that discharges north to the City of Anderson Publicly Owned Treatment Works on the West Fork White River. The combined sewer system flows northward across the Meadowbrook Golf Course property and beneath former Plant 9 up the trend of the relict meltwater channel. Stormwater on the northern portion of the Meadowbrook Golf course property is directed through piping, and discharges to ponds. Stormwater in the southern portion of the Meadowbrook property drains southward toward Stanley Ditch that flows along the southern and eastern property boundaries of the golf course.

A drainage divide between Stanley Ditch and Prairie Creek, draining to the south, and the combined sewer system, draining north to West Fork White River, appears to occur near the south side of former Plant 9, perhaps near and along the South Anderson Cutoff railroad embankment. Areas to the south of the railroad embankment, including most of the Meadowbrook Golf Course, are floodway and floodway fringe areas subject to flooding (Federal Emergency Management Agency [FEMA], February 18, 1994). (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

2.3.3 Hydrogeology

Figure 4 presents a generalized, schematic east-west hydrogeologic cross-section of the unconsolidated materials at the Site showing monitoring well completion intervals. The unconsolidated deposits range from less than 20 feet to over 160 feet in thickness and overlie an irregular bedrock surface. Bedrock beneath the Site consists of carbonate rocks of Silurian age. The bedrock topography beneath the Site slopes to the northwest into a pre-glacial bedrock valley. The bedrock is high (above 840 foot elevation) in the southern portion of the former Plant 9 area and at the Meadowbrook Golf Course. Bedrock is generally only about 20 feet below ground surface (bgs) in this area as a result of both the high bedrock elevation and low ground surface elevation in the relict meltwater valley area east of MLK Boulevard. To the northwest, the bedrock elevation descends to below 730 foot elevation at former groundwater production well 11 and the bedrock in this area is in excess of 158 feet bgs.

Detailed hydrogeologic cross-sections are presented in both the Stage II RCRA Facility Investigation (RFI) Data Report (Earth Tech, March 30, 2005) and the RFI Final Report (Earth Tech and ENVIRON International Corporation [ENVIRON], September 28, 2007). Five distinct geologic units are recognized in the unconsolidated surficial soil materials. These units are identified from top to bottom as Units 1 to 5.

Unit 1 is a heterogeneous fill material consisting of silty clay loam, silty clay, sandy clay, sandy clay loam, and loam texture soil intermixed, in places, with debris consisting of wood, brick, glass, brick, concrete, coal fragments, and cinders. The unit consists of fill material placed at various times during the developmental history of the property and is generally no more than a few feet in thickness. In places, the lower portion of the Unit 1 fill is saturated and a localized perched groundwater zone occurs. The clayey diamicts in the underlying Unit 2 confining unit cause this perched groundwater condition. Saturated conditions have been observed in the basal portion of Unit 1 in several shallow Area of Concern (AOC) 1 – South Court Area soil borings.

Unit 2 is a glacial diamict of silty clay loam, silty clay, and loam texture with occasional thin, interbedded sand and gravel deposits. Sand and gravel lithologies make up a small percentage of the unit. Unit 2 is thin in southern and eastern parts of the Site, but thickens to the north and west.

Unit 3 consists of stratified sand and gravel and forms the uppermost aquifer beneath the Site. In places, a diamict occurs within Unit 3 and is identified as the Unit 3 Confining Bed. At some locations the confining bed is represented by a distinctive silty texture and laminated structure. The confining bed is hydrologically significant because it separates the Unit 3 aquifer into an upper portion (Unit 3S) and lower portion (Unit 3D). Unit 3 is generally only 10 to 20 feet thick in the eastern part of the Site beneath the meltwater valley. The unit thickens appreciably in the western part of the area where it forms the major portion of the unconsolidated deposits.

Unit 3 is almost entirely within the phreatic zone and is the uppermost aquifer unit at the Site. Groundwater may exist in the unit under both confined and unconfined conditions. Where the base of Unit 2 is relatively high in elevation, the upper few feet of Unit 3 are unsaturated, and unconfined conditions occur. At locations where the base of Unit 2 is relatively low in elevation the top of Unit 3 is saturated, and confined conditions occur.

Conceptually, Unit 3 may be divided into an upper (Unit 3S) and lower (Unit 3D) part. In those places where there is no physical separation between the upper and lower parts of the unit provided by the Unit 3 Confining Bed, the designations 3S and 3D merely provide a convenient way to refer to the upper and lower portions of the Unit 3 aquifer, and the monitoring wells completed therein. Where a physical separation occurs due to the presence of the Unit 3 Confining Bed, Unit 3S refers to that portion of the aquifer above the confining layer and Unit 3D refers to that portion below the confining layer. Locally, the Unit 3 Confining Bed induces a downward vertical gradient within the Unit 3 aquifer. Where the confining bed is absent, water levels in Units 3S and 3D are comparable.

The lateral groundwater gradient in Unit 3S is directed to the east-northeast in AOC 1 - South Court Area. Locally there are significant variations in the magnitude and direction of the gradient related, in part, to the presence or absence of the Unit 3 Confining Bed. An east-southeast oriented potentiometric trough in Unit 3S persistently occurs in the vicinity of MW 40 and MW 42 where the confining bed is absent. In this area groundwater flow in Unit 3S appears to be directed easterly into the relict meltwater valley.

The hydraulic gradient for Unit 3D is more consistent and the potentiometric surface for this unit suggests an eastward gradient in the South Court Area and along MLK Boulevard and a predominantly western gradient across the east portion of the Site into the meltwater valley.

Unit 4 consists of hard diamict of loam or clay loam texture. The unit forms a confining bed between Unit 3 and Silurian carbonate bedrock. The unit is absent from the eastern part of the area at Plant 9 and portions of the adjacent Meadowbrook Golf Course.

Two deep bedrock borings at the north end of the Site (MW 62 and MW 71) encountered a bed of cobbles above the bedrock surface. This zone is referred to as Unit 5. The unit was encountered at no other locations. (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

2.4 Previous Groundwater Investigations

The following sections summarize groundwater investigations that have been conducted at the Site. Monitoring wells on and adjacent to the Site have been installed at various times. The earliest Site wells (MW 1 to MW 17) were installed in 1992 and 1993 for the purposes of evaluating a suspected waste oil leak at Area 1 – Former Waste Oil Tank [Solid Waste Management Unit (SWMU) 16]. The longest monitoring history exists for these wells. Most of the 1992 / 1993 wells were installed in Unit 3S. No evidence of a significant waste oil leak was found at SWMU 16, but elevated concentrations of VOCs, primarily trichloroethene (TCE), cis 1,2 dichloroethene (cis-1,2-DCE) and vinyl chloride were detected in several wells in this area. These wells are now known to be located in and around a source area for the Area 1 – South Court VOC plume.

Work associated with RFI Stage I in 2000 to 2001 included installation of 20 new monitoring wells (MW 18 to MW 37) and collection of 85 groundwater samples from new and existing wells. The new wells were completed in Units 1, 3S, and 3D. The Stage I investigations partially delineated a groundwater VOC plume extending north and east from AOC 1 - South Court. This plume was found to lie underneath several previously-defined Areas of Interest (AOIs) and was referred to as Area 1. The Stage I RFI investigations identified concentrations of TCE, cis 1,2 DCE, and vinyl chloride above screening criteria based on state and federal Maximum Contaminant Levels (MCLs). A Stage I RFI report was completed in 2001, and this report included a work plan for additional groundwater delineation work in both on and off-Site areas (Earth Tech and ENVIRON, July 31, 2001).

In 2001 a Phase II Environmental Site Assessment was conducted in the north parking area and three monitoring wells (MW1 01 to MW3 01) were installed. Groundwater concentrations, where detected, were detected below IDEM's criteria. TCE, cis-1,2-DCE and vinyl chloride were not detected in groundwater samples collected.

Stage II RFI investigations began in late 2003. Work associated with the Stage II RFI in 2003 to 2005 included installation of 47 monitoring wells (MW 38 to MW 84) and collection of 182 groundwater samples from both new and existing wells. Area 1 was expanded to include Plant 9 as well as off Site areas including Meadowbrook Golf Course. Seven wells (MW-1 to MW-7) were installed on the golf course by others in 2003. Sampling of MW-4 in October 2003 indicated that high concentrations of cis 1,2 DCE and vinyl chloride were present. Additional wells (MW 56, MW 57, MW 58, MW 77, and MW 85) were installed by GMC on the golf course in 2004 and 2007 to delineate the VOC plume southeast of MW-4. These and other RFI Stage II monitoring wells delineated the concentrations of TCE, cis 1,2 DCE, and vinyl chloride above MCLs both on and off Site (Earth Tech and ENVIRON, September 28, 2007).

Three additional monitoring wells (MW 86, MW 87, and MW 88) were installed on the Plant 9 property in October 2010 to provide additional downgradient plume delineation. One well was installed downgradient of MW49 (MW89-11) in 2011 to provide additional downgradient plume delineation in proximity to nearby residential land use. In 2012 and 2013, three monitoring wells (MW90-12, MW91-12, and MW92-13) were installed near a recently identified AOI referred to as former Bay M26/M27 to assess groundwater quality in the vicinity of the AOI, not previously investigated. In 2013, four monitoring wells (MW 93-13 to MW 96-13) were installed to delineate the lateral extent of groundwater impacts at the perceived source area for the former WWTP Area plume.

In 2014, one monitoring well (MW97-14) was installed to delineate groundwater impacts beneath the Meadowbrook Golf Course. However, MW 97-14 was decommissioned and replaced in May 2016 (MW 97R-16) at a nearby location to facilitate easier lawn maintenance at the request of the property owner.

Seventeen monitoring wells (MW 1-01, MW2-01, MW3-01, MW 11, MW 24, MW 25, MW 34, MW35, MW 52, MW 53, MW 54, MW 55, MW 69, MW 70, MW 71, MW 72, and MW 73) north and west of the former main manufacturing areas, upgradient of the VOC plumes, and not a part of the IDEM approved groundwater monitoring plan were abandoned in March and April 2014 following approval from IDEM (VFC # 69789483).

In October 2018, two monitoring wells (MW98-18 and MW99-18) were advanced and installed to further delineate bedrock groundwater impacts on-Site, east of MLK Boulevard.

During construction activities at the Tract B (Central) property in October and November 2019, monitoring wells MW 50 and MW 51 were decommissioned as they were in the area of a proposed building.

From October 2005 until October 2007 GMC conducted quarterly monitoring of a selected group of monitoring wells according to an interim Site-wide groundwater monitoring plan (Conestoga-Rovers & Associates [CRA], September 20, 2005). This work was conducted for nine consecutive quarters ending in October 2007. Summary results from this monitoring were provided in the 2006 and 2007 Annual Groundwater Monitoring Reports (Earth Tech and ENVIRON, January 31, 2007, January 31, 2008) and an additional round of groundwater monitoring was conducted in February 2008.

The interim monitoring program was replaced by a Site-wide Groundwater Monitoring Plan associated with the draft Corrective Measures Proposal for the Facility. This program consisted of semiannual sampling at a modified well list with sampling of two surface water monitoring points on the Meadowbrook Golf Course conducted three times per year. The sampling plan for this program (AECOM, October 28, 2010) was approved by the IDEM on November 24, 2010. Sampling under this program was conducted from June 2008 to April 2019. On June 10, 2019, IDEM provided comments on the 2018 Annual Groundwater Monitoring Report recommending that groundwater monitoring shift from semi-annual to sampling every 18 months.

The updated Groundwater Monitoring Plan (GHD, March 15, 2022) was prepared as part of the final corrective measures and replaced the previous Site-wide Groundwater Monitoring Plan. Site groundwater monitoring currently occurs every 18 months.

2.5 Area 1 – South Court and Related Areas

The groundwater contaminant plumes at the Site are associated with Area 1 – South Court and Related Areas. Previous isoconcentration maps for Unit 3 suggest there are two separate VOC plumes. One plume is associated with Area 1 – South Court. The AOC 1 – South Court plume extends in a northeast direction from the South Court beneath

several SWMUs in the former Main Plant building area. The predominant VOC contaminants detected in this area are TCE, cis-1,2-DCE, and vinyl chloride. The highest reported concentrations of TCE in this plume are found in the South Court at MW 3 (Unit 3S) and MW 15 (Unit 3S). Perched groundwater in Unit 1 appears to serve as a source area for VOC contaminants in Unit 3. These VOC contaminants are present in both the 3S and 3D portions of Unit 3, but concentrations are generally higher in the upper portion of the unit.

A separate plume is located along and east of MLK Boulevard. Historically the primary evidence for separation of this plume from the AOC 1 – South Court plume comes from four Unit 3S wells located between the plumes where VOCs have not been detected or detected at only very low levels (MW 29, MW 46, MW 59 and MW 84). The VOC plume east of MLK Boulevard extends from an apparent source near MW 68 and the former WWTP along MLK Boulevard eastward toward former Plant 9 and the Meadowbrook Golf Course. The plume has migrated to the south to at least MW 57 and MW 85 on the golf course and to the north to MW 88. This plume is referred to as the former WWTP Area plume. The predominant VOC constituents detected in this area are cis-1,2-DCE and vinyl chloride. TCE is only a minor plume component.

3. 2022 Groundwater Monitoring Activities

3.1 Groundwater and Surface Water Monitoring

Groundwater and surface water monitoring activities were conducted between April 24 and May 5, 2022 in general accordance with the Site-wide Groundwater Monitoring Plan. The Site-wide groundwater monitoring program includes 41 monitoring wells sampled every eighteen months. The surface water monitoring program includes sampling the Meadowbrook Golf Course Irrigation Pond. The next Site-wide groundwater and surface water monitoring event will be conducted in October 2023. A summary of the Site-wide groundwater monitoring program is provided in **Table 1**. Monitoring well construction details are provided in **Table 2**.

3.1.1 Hydraulic Monitoring

Water level measurements were collected from all accessible monitoring wells included in the Site-wide groundwater monitoring program during the April/May 2022 monitoring event. Some monitoring wells were not gauged during 2022 as they could not be located or were not accessible. The static groundwater elevations measured in April 2022 are summarized in **Table 3**, along with previous groundwater elevations collected in November 2020 for comparative reference.

3.1.2 Groundwater Quality Monitoring

Site-wide groundwater monitoring was conducted by GHD between April 24 and May 5, 2022. A sample key summarizing the groundwater samples collected in April and May 2022 is provided in **Table 4**.

Prior to groundwater sample collection, the monitoring wells were purged using a bladder pump and low flow purge techniques to remove suspended solids, reduce turbidity, and allow visual observation of sample color. Field parameters including conductivity, dissolved oxygen (DO), oxidation reduction potential (ORP), pH, temperature, and turbidity were recorded. No color consistent with electroplating operations was observed during purging activities. Groundwater samples were collected using a bladder pump and low flow sampling techniques. Groundwater samples, including field duplicate and matrix spike/matrix spike duplicate samples, were submitted to TestAmerica for chemical analysis of target compound list (TCL) VOCs using analytical method 8260B. Well stabilization parameters recorded by GHD are provided in **Table 5**.

3.1.3 Surface Water Sampling

Surface water samples were collected by GHD on May 4 and 5, 2022 from the central irrigation pond located southeast of MW-85 on the Meadowbrook Golf Course. Samples were collected near the irrigation water intake (Pond Intake) and also from a location closest to MW-85 (Pond North). Surface water samples were submitted to TestAmerica for chemical analysis of TCL VOCs using analytical method 8260B.

3.1.4 Sampling Protocol

Monitoring well and surface water samples collected were assigned a unique sample identification (ID) number. Sample ID numbers were recorded with corresponding sample locations.

All monitoring well samples were collected using low-flow bladder pumps and dedicated polyethylene tubing. All non-consumable equipment that contacted groundwater was decontaminated in accordance with the Field Method Guidelines contained in the Site-wide Groundwater Monitoring Plan. Consumable equipment (tubing) and personal protective equipment were appropriately disposed of off-Site.

Investigative derived waste (IDW) generated from purge and decontamination activities was containerized in two on-Site drums for subsequent characterization and appropriate off-Site disposal.

3.1.5 Deviations from the Site-wide Groundwater Monitoring Plan

During the 2022 groundwater monitoring event, one private off-Site water supply well (Reference Number 147395 in Indiana's Water Well Record Database) located north of monitoring well MW 88 was sampled (**Figure 2**). The well is a commercial non-potable private water well that was sampled in 2000 and 2017 as part of GHD's/RACER Trust's private water well sampling events. The monitoring well was sampled in 2022 as a conservative measure.

All monitoring wells included in the Site-wide Groundwater Monitoring Plan were sampled, with the exception of MW 76R-17. Monitoring well MW 76R-17 located on an access road in Tract B (North) is damaged beyond repair. The monitoring well was likely damaged from snow clearing activities. The monitoring well will be properly decommissioned and replaced prior to the next monitoring event.

4. Potentiometric Surface Mapping

The groundwater elevations measured in April 2022 are summarized in **Table 3**, along with previous groundwater elevations measured in October 2022. Water levels measured during the 2022 event were generally consistent with the previous years' water levels.

Based on the April 2022 groundwater elevations, GHD developed potentiometric groundwater contours for Unit 3S, Unit 3D, and the bedrock units as shown on **Figures 5** to **7**, respectively.

The groundwater contours representative of the April 2022 Unit 3S data are provided on **Figure 5**. The April 2022 potentiometric groundwater elevation contour map indicates that there is a general northeasterly gradient beneath the central and northern portions of the former Main Plant building. Beneath the southern portion of the former Main Plant, groundwater flow is variable. Data from the April event again indicates the presence of a groundwater mound, or ridge in Unit 3S that extends in a north-south arc from the MW 46 area on the south to about MW 59 on the north. As discussed in previous annual reports, this groundwater high, sometimes extending to MW 29 on the north, appeared to separate the AOC-1 South Court and WWTP Area plumes historically. The AOC-1 South Court plume extends beneath the former Main Plant building and affects several monitoring wells including, from south to north, MW 79, MW 60, MW 51, and MW 76R-17. In contrast, historically the Unit 3S monitoring wells along the arc including MW 46, MW 84, MW 59, and MW 29 have not shown any significant VOC contamination.

The groundwater contours representative of the April 2022 Unit 3D data are provided on **Figure 6**. The April 2022 potentiometric groundwater elevation contour map indicates that there is a general easterly gradient across the west portion of the Site and a predominantly western gradient across the east portion of the Site into the meltwater valley.

The groundwater contours representative of the April 2022 bedrock unit data are provided on **Figure 7**. The April 2022 potentiometric groundwater elevation contour map indicates that there is a general easterly gradient across the west portion of the Site and a predominantly western gradient across the east portion of the Site into the meltwater valley.

5. Analytical Results

The sample key (**Table 4**) summarizes the groundwater and surface water monitoring conducted in 2022. The laboratory certificates of analysis are provided in **Appendix A**. The 2022 VOC laboratory analytical data generated from the groundwater, and surface water sampling have been summarized in **Table 6** and **Table 7**, respectively. The 2022 VOC laboratory analytical data generated from private off-Site water supply well IDNR 147395 has been summarized in **Table 8**. Analytical data from all groundwater sampling events between 2017 and 2022 are presented on **Figure 8** (on-Site) and **Figure 9** (off-Site). Excluding chlorobenzene and styrene, the VOC parameter list shown on **Figure 8** and **Figure 9** includes any VOC that has exceeded conservative screening criteria at any well or surface water location during any sampling event. As noted in previous annual reports, chlorobenzene and styrene were detected in one June 2008 groundwater sample at MW 40 (WG-062608-JD-007) at concentrations over the drinking water criteria. Chlorobenzene and styrene have only been detected in this one sample, and the reported concentrations of 0.15 milligrams per liter (mg/L) (with qualifier J – estimated value below reporting limit) and 0.14 mg/L (also with qualifier J), respectively, are only slightly higher than the drinking water criteria of 0.1 mg/L. Both results were well below the sample reporting limit of 1.0 mg/L. Chlorobenzene and styrene were not detected in the subsequent events. For these reasons, chlorobenzene and styrene are not included in **Figure 8** or **Figure 9**.

TCE, cis-1,2-DCE and vinyl chloride remain the primary constituents associated with the AOC 1 – South Court and WWTP Area VOC plumes. Isoconcentration maps for TCE, cis-1,2-DCE and vinyl chloride are presented on **Figures 10** through **12**, respectively.

Data verification and validation reports for the analytical data collected during the 2022 Site-wide Groundwater Monitoring Plan activities were completed by GHD and are provided in **Appendix B**. Based on the verification and validation reports, the 2022 data is acceptable for use with the qualifications noted.

5.1 Risk-Based Screening

A conservative risk-based screening was performed on the groundwater and surface water data collected during the Site-wide groundwater monitoring program in 2022. The data were compared to IDEM's Remediation Closure Guide Screening Levels (RCGSL) and conservative risk-based screening criteria based on potential exposure scenarios that were evaluated in CRA's Refined Human Health Risk Assessment and Derivation of Site-Specific Risk-based Screening Levels Report (October 2013) (RHHRA).

The groundwater monitoring data collected from areas where current and reasonably expected future land use is commercial/industrial were screened against the following: 1) IDEM RCGSLs - Vapor Exposure Commercial/Industrial Criteria and 2) Site-specific Commercial/Industrial Tap Water Use Criteria. Derivation of the Site-specific screening criteria is presented in RHHRA. Monitoring wells screened against these criteria are shown on **Figure 8**.

Groundwater data collected from areas where current and reasonably expected future land use is not commercial/industrial were screened against the following: 1) IDEM RCGSLs - Residential Tap Water Criteria; 2) IDEM RCGSLs - Vapor Exposure Residential Criteria; 3) IDEM RCGSLs - Vapor Exposure Commercial/Industrial Criteria; 4) Site-specific Recreator (Resident Swimming Pool) Criteria; 5) Site-specific Commercial/Industrial Tap Water Use Criteria. Sampling points screened against these criteria are shown on **Figure 9**.

5.2 AOC 1 – South Court Plume

The AOC 1 – South Court plume contains elevated concentrations of TCE, cis-1,2-DCE, and vinyl chloride with the greatest TCE concentrations in monitoring wells near the AOC 1 - South Court source area (i.e., MW 3 and MW 15).

In 2022, the extent of the AOC 1 – South Court plume remained defined on the east side with non-detect results for all VOC constituents at monitoring wells MW 37, MW 46 and MW 84. Cis-1,2-DCE and TCE were detected at east boundary monitoring well MW 16. At the north perimeter boundary of the AOC 1 – South Court plume, Unit 3D monitoring well MW 75 is free of detected VOC concentrations. As discussed in Section 3.1.5, the Unit 3S monitoring well in this area (MW 76R-17) is damaged beyond repair. In 2022, MW 49 south of the AOC 1 – South Court area had a detection of TCE above the screening level. Downgradient of MW49 (east-northeast and east), TCE was not detected in the sample collected from MW 89-11, and the sample only exhibited very low concentrations of other VOCs consistent with historical monitoring events. At the south perimeter of the AOC 1 – South Court plume, Unit 3S monitoring well MW 21 is free of all detected VOC concentrations.

Historical and recent trends for the AOC-1 – South Court plume are discussed in Section 6.

5.3 Former WWTP Area Plume

Monitoring wells in the former WWTP Area plume area contain elevated concentrations of primarily cis-1,2-DCE and vinyl chloride.

Historically increasing trends have been identified in several monitoring wells in the former WWTP Area plume. Most of the increasing trends relate to cis-1,2-DCE and vinyl chloride however, an increasing trend in the concentration of TCE has historically been observed at the perceived source area (MW 68) and downgradient monitoring wells MW-4 and MW 40. Cis-1,2-DCE concentrations are increasing at perimeter monitoring wells MW 28, MW 66 and MW 85. Vinyl chloride concentrations are increasing at monitoring well MW 41, northeast of the source area, perimeter monitoring wells MW 28, MW 58, MW 64, MW 66, MW 88 and bedrock monitoring wells MW 81 and MW 83.

In 2022, the southern extent of the WWTP plume remained defined with perimeter monitoring wells MW-2, MW 56, and MW 97R-16 that were free of detected concentrations of VOCs.

Along the northern extent of the WWTP plume, monitoring well MW 88 had a detection of vinyl chloride above the Site-specific Commercial/Industrial Tap Water Use Criteria. Other north perimeter monitoring wells, MW 61 and MW 86, were free or contained very low concentrations of VOCs.

5.4 Extent of Groundwater Contamination

Figure 10 to **Figure 12** show the isoconcentrations of the principal VOC constituents TCE, cis-1,2-DCE and vinyl chloride, respectively, in groundwater for hydrogeologic Unit 3. These isoconcentration maps are based on 2022 data and update those contained in the 2020 Groundwater Monitoring Report (GHD, January 28, 2021). The 2022 data for each well are shown on the maps with non-detect results presented as half of the reporting limit.

Since the Unit 3S confining unit is absent in the area of former Plant 9 and portions of the Meadowbrook Golf Course, and Unit 3 is relatively thin in these areas, the VOC data from wells in these areas may be shown on the Unit 3S isoconcentration maps. Combining data in this manner provides a useful portrayal of the former WWTP Area plume from its apparent source in the upper part of Unit 3 near MW 68 to its tail area occurrences at former Plant 9 and Meadowbrook Golf Course.

The isoconcentration maps continue to suggest that there are two separate VOC plumes. One plume is associated with AOC 1 – South Court and the second plume is derived from an apparent source area near MW 68. Historically the plumes have been separated by a series of Unit 3S wells where VOCs have not been detected, or have been detected only at very low levels (MW 29, MW 37, MW 46, MW 59 and MW 84). A groundwater ridge in Unit 3S has historically occurred along this line of wells, and this mound appears to have served as a hydraulic barrier separating the two plume areas. In 2022, cis-1,2-DCE and TCE were detected at the east boundary monitoring well MW 16. VOC

detections at MW 16 (between MW 46 and MW 84) and alterations in the predominance and extent of this ridge suggests changes to the historical hydraulic barrier may be occurring.

The AOC 1 – South Court plume in Unit 3S extends in a northeast direction from AOC 1 – South Court. The eastern extent of the plume appears to be limited by the groundwater mound noted in the preceding paragraph. The plume has historically been bounded to the north by MW 76/MW76R-17 with marginal detections of cis-1,2-DCE and vinyl chloride below the reporting limit and at estimated quantities. As discussed in Section 3.1.5, MW 76R-17 is damaged beyond repair and will need to be replaced.

In 2015, GHD completed a plume stability analysis (GHD, August 12, 2015) that indicated that the AOC 1- South Court plume has changed little in planar plume area, average concentration, and plume mass, despite the presence of degradation products, which is consistent with recent groundwater monitoring results and indicates that the plume is stable.

The former WWTP Area plume extends eastward from the apparent source area near MW 68 towards former Plant 9 and has migrated to the east to the vicinity of MW 64 and MW 66, to the northeast in the vicinity of MW 88, and to the southeast to Meadowbrook Golf Course irrigation pond in the vicinity of MW 57, MW 58 and MW 85. This VOC plume is composed primarily of cis-1,2-DCE and the highest reported concentrations occur in a series of monitoring wells from the source area (MW 68) southeast to the Meadowbrook Golf Course irrigation pond (MW 40, MW-4, and MW 85).

Prior to July 2006, MW 68, located just west of MLK Boulevard generally had the highest cis-1,2-DCE concentration in this plume and is inferred to be closest to the VOC source area. From December 2006 until April 2009 the highest cis-1,2-DCE concentration was generally found downgradient at MW 40. From December 2009 until October 2015, the highest cis-1,2-DCE concentration had generally been found at MW-4 downgradient of MW 40. In 2016 and 2017 the highest cis-1,2-DCE concentration was found at MW 85 downgradient of MW-4. Between 2018 and 2022, the highest cis-1,2-DCE concentration was found at MW-4, as indicated on the current isoconcentration map. This trend is consistent with the findings in the plume stability analysis completed as part of the Supplemental Analysis in Support of the Corrective Measures Proposal (CMP) (GHD, August 12, 2015). The plume stability analysis concluded that TCE equivalent is decreasing in concentration and mass, while increasing in plume area advancing downgradient along the predominant flow direction.

Vinyl chloride and TCE are subordinate components of the former WWTP Area plume. TCE is a relatively minor component even in the source area of this plume. The highest reported concentrations for vinyl chloride occur downgradient of the source area, at MW-4 and MW 57. The east edge of the former WWTP Area plume is marked by persistent occurrences of vinyl chloride in Unit 3D wells MW 58, MW 64, and MW 66. However, a westerly groundwater flow direction east of these wells prevents further vinyl chloride migration to the east. Along the northern extent of the WWTP plume, in 2022 monitoring well MW 88 had a detection of vinyl chloride above the Site-specific Commercial/Industrial Tap Water Use Criteria.

The WWTP Area plume extends vertically to bedrock monitoring wells MW 81 and MW 83. Between September and December 2018, GHD completed a bedrock groundwater investigation to delineate vertical and horizontal bedrock groundwater impacts. The results of the investigation indicate that shallow bedrock VOC impacts at MW 81 have not migrated deeper in the bedrock unit. The results also indicate that shallow bedrock VOC impacts have been delineated to the east at MW 99-18 and that there appears to be a western gradient across the east portion of the Site that would not allow for shallow bedrock groundwater impacts to migrate off-Site towards Madison Avenue.

During the 2022 groundwater monitoring event, off-Site water supply well (Reference Number 147395 in Indiana's Water Well Record Database) located north of monitoring well MW 88 was sampled. The monitoring well was sampled in 2022 as a conservative measure and all VOC constituents were non-detect.

5.5 Surface Water

Cis-1,2-DCE, trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-dichloroethane(1,1-DCA), and vinyl chloride were detected at surface water monitoring locations Pond North and Pond Intake during the May 2022 surface water

sampling event. The detected concentrations of vinyl chloride at the Pond North and Pond Intake sampling locations exceed the relevant screening criteria (i.e., recreator). No other parameters were detected above relevant screening criteria at surface water monitors Pond North or Pond Intake. Historically increasing trends in cis-1,2-DCE and vinyl chloride concentrations have been identified for the Pond North and Pond Intake locations.

6. Statistical Analysis

The required statistical data evaluation is presented in Section 4 of the Site-Wide Groundwater Monitoring Plan (GHD, March 15, 2022) and includes the following required elements:

- The statistical evaluation is to be conducted to determine whether the contaminant plumes are stable (i.e., not increasing over time).
- The principal VOC compounds to be considered in the evaluation are TCE, cis-1,2-DCE and vinyl chloride.
- The evaluation of stability is to be carried out using the Mann-Kendall trend test following IDEM Risk Integrated System of Closure guidance (IDEM, February 15, 2001). Notably:
  - A minimum of 4 samples is required to perform the trend test.
  - A minimum detection frequency of 75 percent is required to perform the trend test.
  - Non-detects should be assigned a value below the lowest detected value in the data set.
  - Any field duplicate results should be averaged prior to carrying out statistical testing.
- Trend testing is to be carried out using a significance level of (α) 0.10 (i.e., 90 percent confidence).
- A one-tailed trend test is to be performed (i.e., testing for increases only), using the following statistical hypotheses:
  - Null (no effect) hypothesis (H0) = there is no trend or a decreasing trend in chemical concentrations over time.
  - Alternative hypothesis (HA) = there is an increasing trend over time in chemical concentrations.
- Trend tests will be carried out considering two time periods:
  - Overall period (including all data collected to date)
  - Recent period (including the last 8 results)
- Outlier tests
- Alternative group comparison tests for data sets with large temporal gaps in the monitoring record

The following subsections describe the specific approaches used in carrying out the statistical data evaluation. The data considered in the trend tests are presented in concentration vs. time graphs and tabular format in **Appendix C**.

6.1 Mann-Kendall Test

Methods for statistical trend testing of groundwater quality data are discussed in Section 4.3 of U.S. EPA (2006), Chapter 12 of Helsel & Hirsch (USGS, 2002) and other relevant guidance and reference texts. The evaluation of trends in environmental data is often complicated by factors such as seasonality in data, outlying (grossly atypical) data points, the presence of censored (non-detect) data, small data sets (due to the relatively high costs associated with sample collection and analysis, particularly for trace concentration analyses) and non-linearity in any patterns present through time. Different tests exist, which balance the statistical power of detecting trends against susceptibility to outliers, deviations from model assumptions (e.g., linearity) and the ability to incorporate non-detect data into the analyses.

The Mann-Kendall trend test is suitable for general application across a variety of environmental data applications. This test is non-parametric (rank-based) and, therefore, robust with respect to outlying observations. The

Mann-Kendall test neither assumes a particular data distribution (e.g., normal) nor data pattern tested (e.g., linear trend), but rather tests for a monotonic (single-direction) trend in the data over time. Although the test is not as powerful as parametric tests are under optimal conditions, its wide range of applicability makes it a good candidate for use when testing numerous data sets where the effort required for detailed characterization and selection of specific trend tests on a case-by-case basis is not appropriate.

As specified in the Groundwater Monitoring Plan, the Mann-Kendall trend test was used to evaluate the principal VOC monitoring data for the presence of temporal trends. Computational details for the test may be found in Section 4.3.4.1 of U.S. EPA (2006). The test was applied for data sets containing up to 25 percent non-detects using a one-tailed formulation and a significance level of 0.1, as described above.

Trend tests were carried out separately for each principal VOC at each monitoring well with sufficient temporal data to perform the Mann-Kendall test.

One assumption of the Mann Kendall trend test is that subsequent samples are reasonably equally spaced through time. In the VOC data sets considered, this assumption was generally well met, with regular monitoring having occurred on a consistent basis through time at most of the locations. However, it was noted that at wells MW 15 and MW 21, as well as in Pond Intake and Pond North locations, there was a change in sampling frequency in the monitoring record. Where sampling was more frequent, some sampling events were excluded from the trend test. The new monitoring plan specifies a new sampling frequency of every 18 months for all wells and the two surface water locations. Despite this change, there were no data processing during this evaluation. Adjustments will be carried out for the next monitoring event. In addition, monitoring wells MW 15 and MW 21 had large temporal gaps in the monitoring record, therefore, additional testing was performed using group comparison tests (another method presented in Chapter 12 of USGS, 2002) to evaluate whether the presence of these gaps could be obscuring the detection of significant trends. Parametric Student's *t*-tests were carried out comparing recent (2013 – 2022) to historic (2005 – 2008) data.

It was noted in some cases that non-detects were present at somewhat-elevated detection limits above the majority of the detected values. In such cases, the comparison of non-detect and detected values is ambiguous (i.e., it cannot be assigned with certainty that the non-detect results are above or below the detected values). In these cases, trend testing was performed excluding the non-detect results, as noted in the table of results in **Table 9**. Current statistical guidance (e.g., U.S. EPA, 2013) would recommend that any detected values lower than the maximum detection limit for a non-detect be "censored" to that detection limit (i.e., all lower values be considered as non-detects). However, doing so would have reduced the detection frequency to much less than the 75 percent required in the Groundwater Monitoring Plan, and therefore carrying out the trend tests using detected values only permits an appropriate assessment with minimal information loss (i.e., removing a few ambiguous non-detects vs. censoring the majority of the data). In other cases, detection frequencies were close to 75 percent, and non-detects were observed in an earlier period. In order to provide a test result, non-detects were excluded from the evaluation, as noted in the table of results in **Table 9**. These cases are listed below:

– TCE at MW-4, MW 12, MW 31R, and MW 40
– cis-1,2-DCE at MW 28, MW 66, MW 81, Pond Intake, and Pond North
– Vinyl chloride at MW 3, MW 49, MW 51, MW 65, MW 83, MW 88, Pond Intake, and Pond North

According to the Groundwater Monitoring Plan (GHD, 2022), trend tests were carried out considering two time periods:

– Overall period (including all data collected to date)
– Recent period (including the last 8 results)

6.2 Outlier Testing

Prior to carrying out trend tests, each data set was screened for the presence of statistical outliers. An outlier is an observation that differs substantially (atypically) from the rest of the population.

Outliers may be identified by graphical or statistical methods. U.S. EPA (2006, 2009) recommends The Extreme Value Test (Dixon's Test) for testing for outliers in data sets containing up to 25 points (the upper limit of this procedure), or Rosner's Test for data sets containing more than 25 points. Both outlier tests consider both extreme low values and extreme high values. An important element of assessing outliers is identifying the underlying data distribution of a particular data set prior to performing the test. The data may follow a normal (Gaussian) distribution, in which case the original (untransformed) data are subjected to the outlier test. However, if a data set follows another statistical distribution, (i.e., gamma or lognormal) the data must be transformed prior to using Dixon's or Rosner's tests. In testing data distributions for the principal VOC data sets considered, the Shapiro Wilk W Test (U.S. EPA, 2006, 2009) was applied using original, cube root-transformed [approximating the gamma distribution (USGS, 2002)], and log transformed data sets.

Consistent with the requirements of the Groundwater Monitoring Plan for trend testing, outlier tests were performed only for datasets having 75 percent or more detected values. In addition, due to limited number of samples, outlier tests were not performed for the recent period. Outlier testing was performed using a significance level (α) of 0.05 (i.e., 95 percent confidence).

The results of the data distribution and outlier tests are presented in Appendix C Table C.1. Statistical outliers were identified for cis 1,2 DCE at MW-4, MW 8, MW 14, MW 31R, and MW 51; and for vinyl chloride at MW 3, MW 8, MW 79 and Pond North, as indicated in the Table C.1.

Where statistically significant outliers were identified, trend testing was carried out twice; first considering all data and second using outlier excluded data sets. In all cases, the results of the trend tests (i.e., increasing or no trend identified) were consistent both with and without the outliers. Therefore, the presence of statistical outliers in the principal VOC data sets has not impaired the ability of the present statistical evaluation to identify significant temporal trends, where present in the monitoring data.

6.3 Results

The results from the Mann-Kendall trend test considering the overall period are shown in **Table 9**. The data used in the trend tests are shown in Table C.1 and a summary of descriptive statistics are shown in Table C.2 of **Appendix C**, along with the data distribution and outlier testing results. Trend Plots are shown in **Appendix C**.

Of 126 data sets originally considered (three primary VOCs at each of 40 monitoring wells and 2 surface water locations) and evaluated, 71 did not require trend analysis due to high frequencies of non-detects (i.e., less than 75 percent detects). The remaining 55 data sets were subjected to the Mann-Kendall trend test. Of these, 32 had no statistically significant trend (i.e., groundwater VOC concentrations are stable or decreasing over time), and 23 datasets had significant increasing trends (at a 90 percent confidence level).

Comparing the results to those from the previous (2020) evaluation, three changes were observed in the results during the current monitoring period (2022):

– TCE at MW 68 (was over time increasing and is currently stable or decreasing)
– Vinyl chloride at MW 79 (was stable or decreasing over time and is currently increasing)
– cis-1,2-DCE at MW 81 (was over time increasing and is currently stable or decreasing)

The results from the Mann-Kendall trend test considering the recent period are shown in **Table 10**. The data used in the recent trend tests are shown in Table C.3 and a summary of descriptive statistics are shown in Table C.4 of **Appendix C**.

Data from the recent period indicate that the majority of TCE, cis-1,2-DCE, and vinyl chloride concentrations have no statistically significant trends and therefore have been stable (46 of the 56 data sets tested). Only 10 cases of increasing trends were identified. Of the 23 increasing trends observed during the entire monitoring period, 17 cases were observed to be stable (no statistically significant trend) during the recent period. Six increasing trends persisted during the recent period (cis-1,2-DCE at MW 28 and MW 51, and vinyl chloride at MW 64, MW 79, MW 83 and MW

88), and four new increasing trends were observed (cis-1,2-DCE at MW 58 and MW 76/MW 76R-17, and vinyl chloride at MW 57 and MW 80).

A summary of increasing trends comparisons observed during the entire monitoring period vs. the recent period is shown in below:

Analyte	Location	Entire Monitoring Period (2005-2022) Trend Result	Recent Monitoring Period (2013-2022)* Trend Result
Trichloroethene	MW-4	Increasing	NT or Decreasing
Trichloroethene	MW 40	Increasing	NT or Decreasing
cis-1,2-DCE	MW 28	Increasing	Increasing
cis-1,2-DCE	MW 31R	Increasing	NT or Decreasing
cis-1,2-DCE	MW 49	Increasing	NT or Decreasing
cis-1,2-DCE	MW 51	Increasing	Increasing
cis-1,2-DCE	MW 58	Over 25% ND	Increasing
cis-1,2-DCE	MW 66	Increasing	NT or Decreasing
cis-1,2-DCE	MW 76/MW 76R-17	Over 25% ND	Increasing
cis-1,2-DCE	MW 79	Increasing	NT or Decreasing
cis-1,2-DCE	MW 85	Increasing	NT or Decreasing
cis-1,2-DCE	Pond Intake	Increasing	NT or Decreasing
cis-1,2-DCE	Pond North	Increasing	NT or Decreasing
Vinyl chloride	MW 28	Increasing	NT or Decreasing
Vinyl chloride	MW 41	Increasing	NT or Decreasing
Vinyl chloride	MW 51	Increasing	NT or Decreasing
Vinyl chloride	MW 57	Over 25% ND	Increasing
Vinyl chloride	MW 58	Increasing	NT or Decreasing
Vinyl chloride	MW 64	Increasing	Increasing
Vinyl chloride	MW 66	Increasing	NT or Decreasing
Vinyl chloride	MW 79	Increasing	Increasing
Vinyl chloride	MW 80	NT or Decreasing	Increasing
Vinyl chloride	MW 81	Increasing	NT or Decreasing
Vinyl chloride	MW 83	Increasing	Increasing
Vinyl chloride	MW 88	Increasing	Increasing
Vinyl chloride	Pond Intake	Increasing	NT or Decreasing
Vinyl chloride	Pond North	Increasing	NT or Decreasing

A visual inspection of the trend plots shows a few recent high VOC concentrations that were not identified by the trend tests due to low detection frequency (below 75 percent) during the earlier period. Recent detected values were identified for TCE and cis-1,2-DCE at MW 16. A gradual increase in VOC concentrations were observed for cis-1,2-DCE at MW 58, MW 64 and MW 80, and vinyl chloride at MW 57, MW 64, MW 83, and MW 88. Future monitoring events will determine if these patterns persist.

Group comparison tests were carried out at well MW 15. Data distributions were assessed prior to the test and found that TCE and cis-1,2-DCE recent and historical concentrations were normally distributed, therefore the Student's *t*-test was used. Both historic and recent vinyl chloride data sets were found to be log-normally distributed, therefore the *t*-

test was performed using log-transformed data. The results of the group comparison tests confirm the Mann-Kendall trend test results (NT or Decreasing). Group comparison tests were not carried out at well MW 21 due to elevated percentage of non-detects.

7. Conclusions

Based on the 2022 Annual Groundwater Monitoring activities, including all field and laboratory analytical data generated therefrom, the following conclusions have been developed.

1. The April 2022 Unit 3S potentiometric mapping is consistent with previous mapping. The elevation contour map indicates that there is a general northeasterly gradient in Unit 3S beneath the central and north portions of the former Main Plant building. Beneath the southern portion of the former Main Plant, groundwater flow is variable.
2. The April 2022 Unit 3D potentiometric mapping is consistent with previous mapping. The elevation contour map indicates that there is a general easterly gradient across the west portion of the Site and a general westerly gradient across the east portion of the Site into the meltwater valley.
3. The April 2022 bedrock potentiometric mapping is consistent with previous mapping and indicates that there is a general easterly gradient across the west portion of the Site and a predominantly western gradient across the east portion of the Site into the meltwater valley.
4. In 2022, the extent of the AOC 1 – South Court plume remained defined on the east side with non-detect results for all VOC constituents at monitoring wells MW 37, MW 46 and MW 84. Cis-1,2-DCE and TCE were detected at east boundary monitoring well MW 16. At the north perimeter boundary of the AOC 1 – South Court plume, Unit 3D monitoring well MW 75 is free of detected VOC concentrations. The Unit 3S monitoring well in this area (MW 76R-17) is damaged beyond repair and needs to be replaced. In 2022, MW 49 south of the AOC 1 – South Court area had a detection of TCE above the screening level. Downgradient of MW49 (east-northeast and east), TCE was not detected in the sample collected from MW 89-11, and the sample only exhibited very low concentrations of other VOCs consistent with historical monitoring events. At the south perimeter of the AOC 1 – South Court plume, Unit 3S monitoring well MW 21 is free of all detected VOC concentrations.
5. In 2022, the southern extent of the WWTP plume remained defined with perimeter monitoring wells MW-2, MW 56, and MW 97R-16 that were free of detected concentrations of VOCs. Along the northern extent of the WWTP plume, monitoring well MW 88 had a detection of vinyl chloride above the Site-specific Commercial/Industrial Tap Water Use Criteria. Other north perimeter monitoring wells, MW 61 and MW 86, were free or contained very low concentrations of VOCs.
6. Of 126 data sets originally considered (three primary VOCs at each of 40 monitoring wells and 2 surface water locations) and evaluated, 71 had less than 75 percent detects, therefore were not evaluated. Of the remaining 55 data sets tested for trends, 32 were stable or decreasing over time and 23 had significant increasing trends. Comparing these results to those from the 2020 evaluation, the observed trends for TCE, cis-1,2-DCE and vinyl chloride concentrations in 2022 were consistent with the assessment conducted in 2020, except in three cases, TCE at MW 68 and cis-1,2-DCE at MW 81, which were increasing over time in 2020 and are currently stable or decreasing; and vinyl chloride at MW 79, which was stable or decreasing over time in 2020 and is currently increasing.
7. Groundwater plume stability was also assessed considering the most recent results (last 8 results). The results from the Mann-Kendall trend test considering the most recent results showed that 17 of the 23 increasing trends identified using the entire monitoring period were observed to be stable (no statistically significant trend) during the recent period. Six increasing trends observed during the entire monitoring period were also increasing during the recent period (cis-1,2-DCE at WWTP tail monitoring well MW 28 and AOC 1 tail monitoring well MW 51, and vinyl chloride at WWTP margin monitoring wells MW 64 and MW 83; at AOC 1 tail monitoring well MW 79, and at WWTP tail monitoring well MW 88). However, four additional increasing trends were observed for the recent period, when they were observed to be stable considering the entire monitoring period (cis-1,2-DCE at WWTP

margin monitoring well MW 58 and at AOC 1 margin monitoring well MW 76 /MW 76R-17; and vinyl chloride at WWTP margin monitoring wells MW 57 and MW 80). Data from the last 8 events indicate that TCE concentrations have no statistically significant increasing trends and therefore have been stable.

8. One surface water sampling event was conducted in May 2022 at the Meadowbrook Golf Course central irrigation pond. 1,1-DCA, cis and trans-1,2-DCE, and vinyl chloride were detected at surface monitoring locations Pond Intake and Pond North.
9. Based on monitoring at adjacent monitoring well MW 85, the golf course irrigation pond appears to be within the former WWTP Area plume.
10. Based on the 2022 groundwater results from residential well MW 89-11, there is no current unacceptable risk to nearby residents due to groundwater volatilization to indoor air.

8. Recommendations

The following recommendation is provided with respect to ongoing monitoring:

1. It is recommended that damaged monitoring well MW 76R-17 located on an access road in Tract B (North) be properly decommissioned and replaced prior to the next monitoring event.

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All of Which is Respectfully Submitted,

GHD

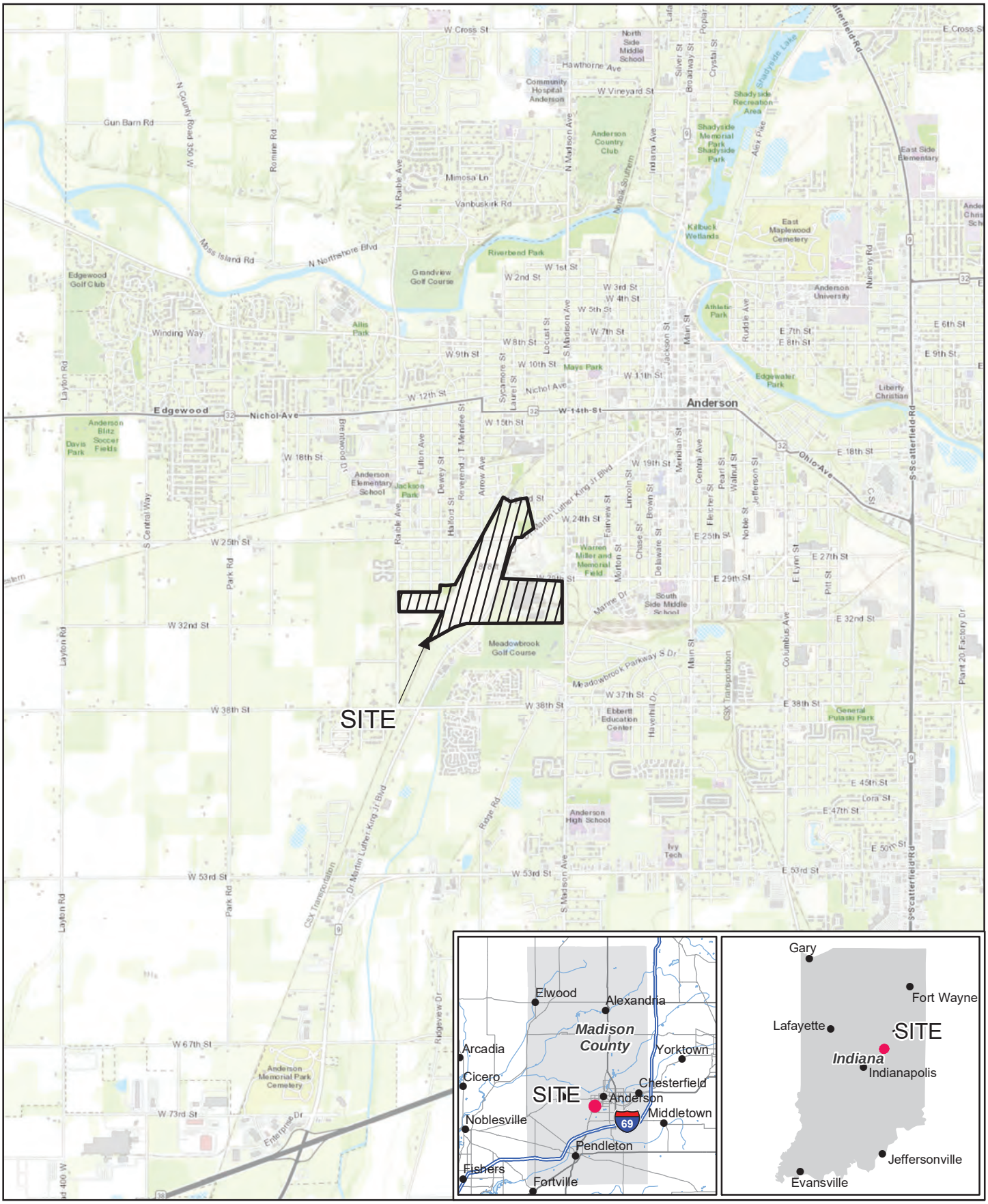


Robert Catallo, B.Sc.



Daniela Araujo, M.Sc.

Figures



Paper Size ANSI A

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Miles

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Indiana East FIPS 1301 Feet

N

GHD

REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT

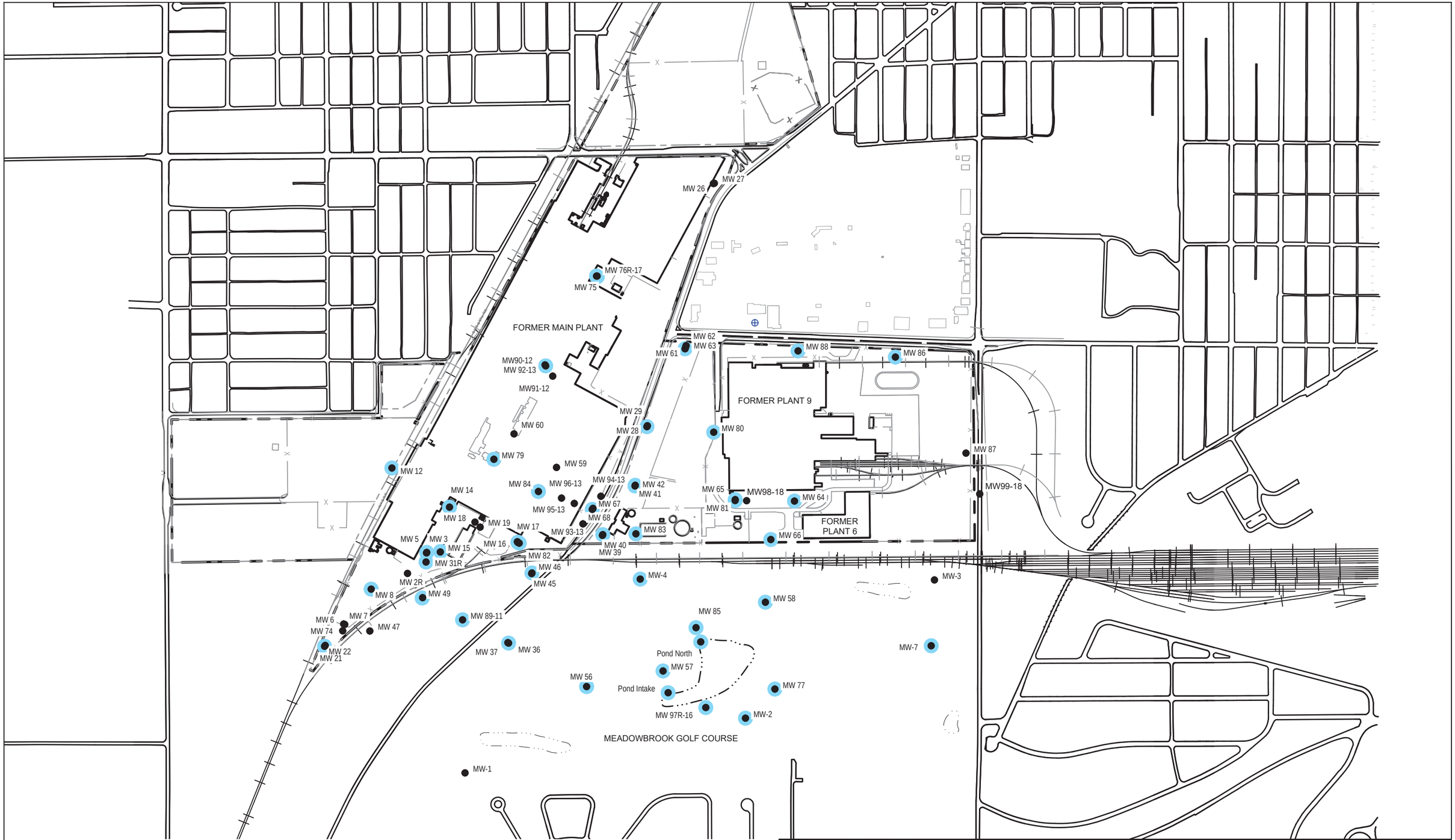
SITE LOCATION MAP

Project No. 11209506
Revision No. -
Date July 12, 2022

FIGURE 1

Q:\GIS\PROJECTS\11209000s\11209506\Layouts\202207_RPT008\11209506_202207_RPT008_GIS001.mxd
Print date: 12 Jul 2022 - 13:39

Data source: ESRI Topographic Basemap, Accessed 2022; ESRI Data & Maps 2008 Data Distribution Application (DDA); GHD.



LEGEND

- SITE BOUDNARY
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- BUILDING
- MONITORING WELL LOCATION
- SAMPLING LOCATIONS INCLUDED IN GMP
- WATER WELL IDNR 147395

0 300 600 ft

Coordinate System:
STATE PLANE INDIANA
EAST - NAD83

N

GHD

REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT

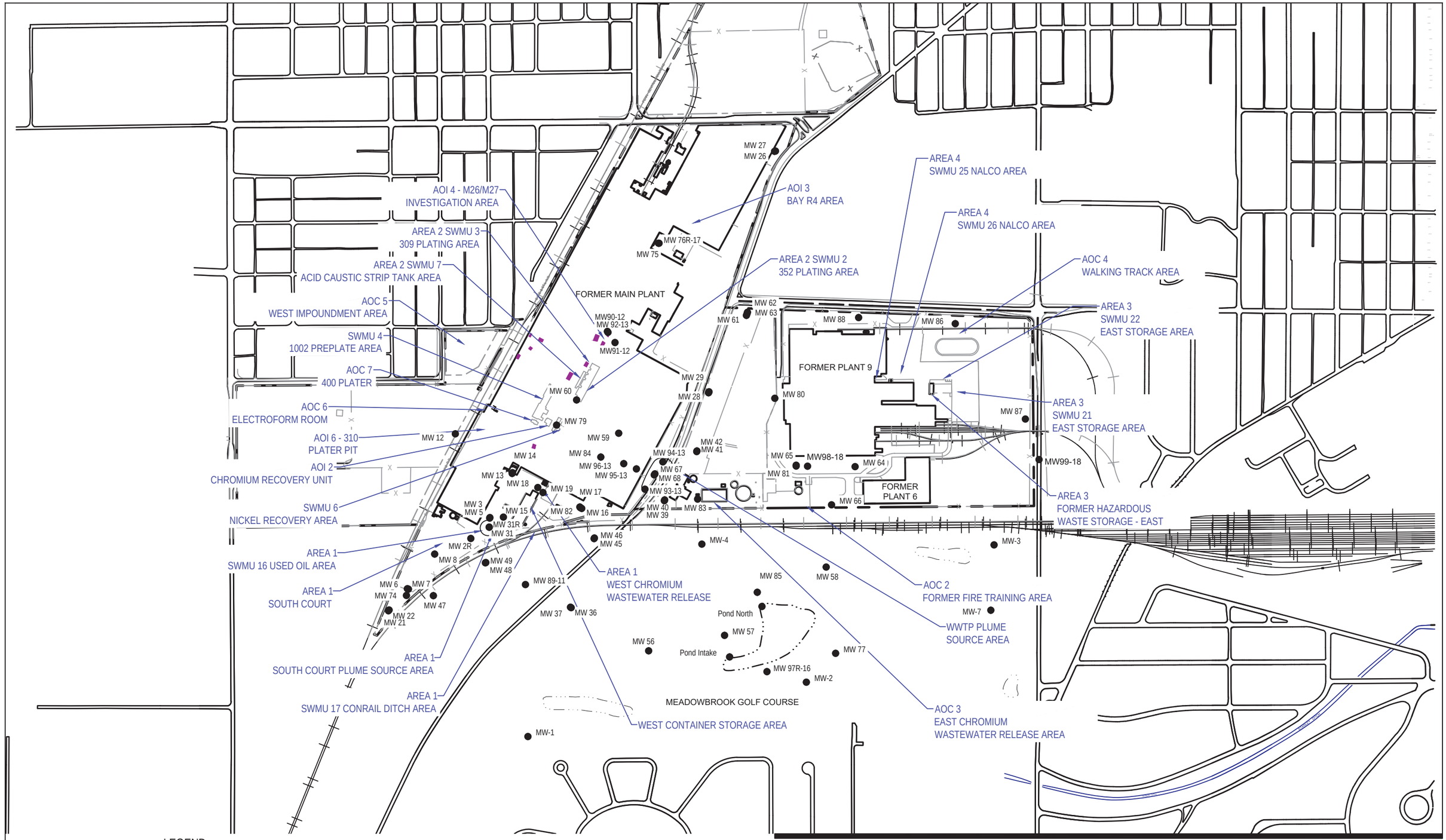
SITE PLAN

Project No. 11209506
Date July 2022

FIGURE 2

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D101_WA-008.dwg
Plot Date: 14 July 2022 4:38 PM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15



LEGEND

SITE BOUDNARY
RAILROAD
FENCE LINE
POND BOUNDARY

BUILDING

MONITORING WELL LOCATION

AOI 5 AREA OF STAINED SOIL BENEATH CONCRETE

0 300 600 ft

Coordinate System:
STATE PLANE INDIANA
EAST - NAD83

N

GHD

REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT

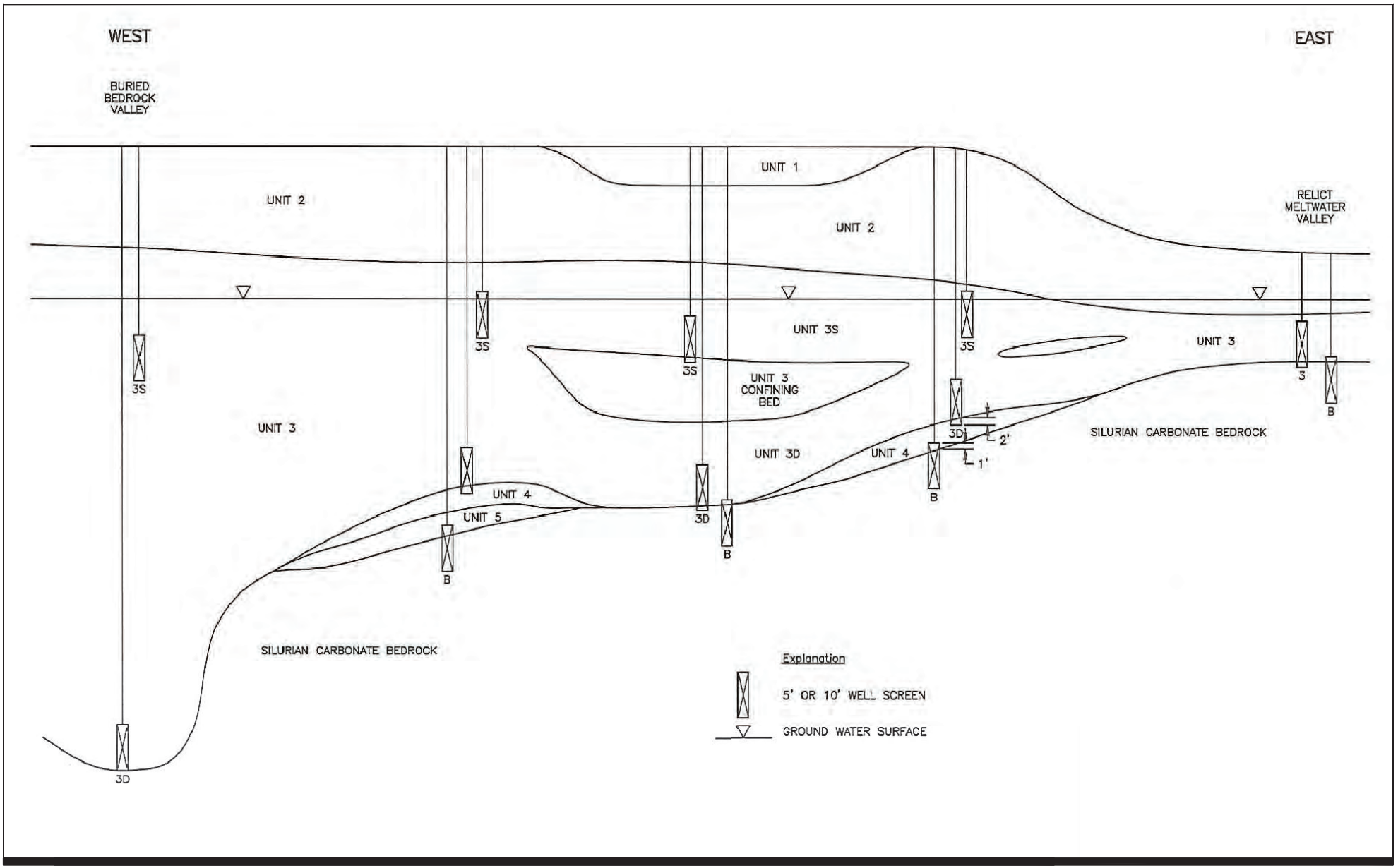
AREAS OF INTEREST

Project No. 11209506
Date July 2022

FIGURE 3

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D102_WA-008.dwg
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Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15



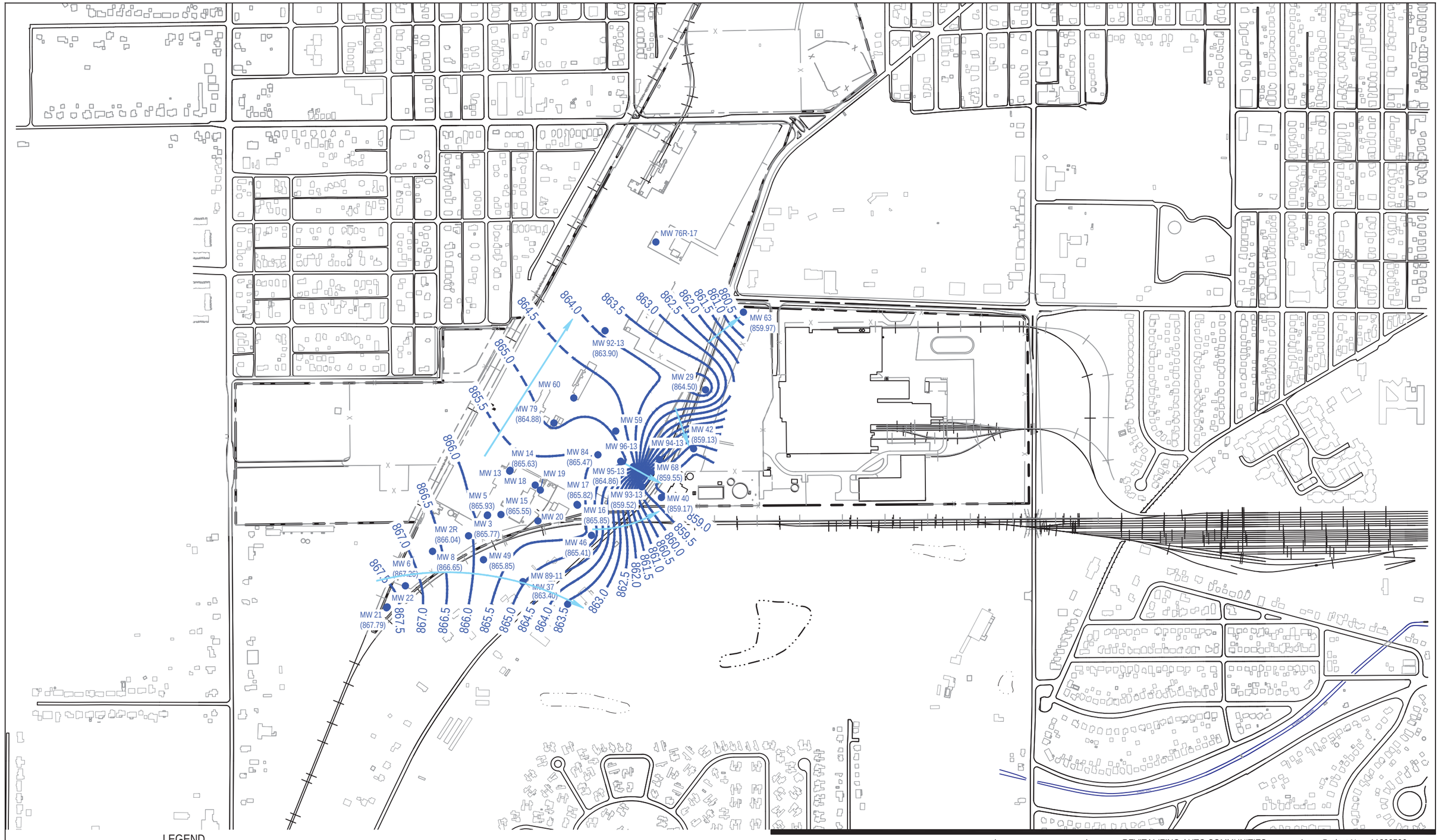
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
GENERALIZED HYDROGEOLOGIC CROSS SECTION

Project No. 11209506
Date July 2022

FIGURE 4

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D103_WA-008.dwg
Plot Date: 14 July 2022 4:38 PM

Data Source:AECOM, PROJECT NO. 60163563, DATE 01-11, FIG2-3



LEGEND

- SITE BOUDNARY
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- FORMER BUILDING
- BUILDING
- MONITORING WELL USED TO DEVELOP CONTOURS
- 859.5 (867.79) GROUNDWATER ELEVATION (FEET NAVD 88)
- GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

0 300 600 ft

Coordinate System: STATE PLANE INDIANA EAST - NAD83

N

GHD

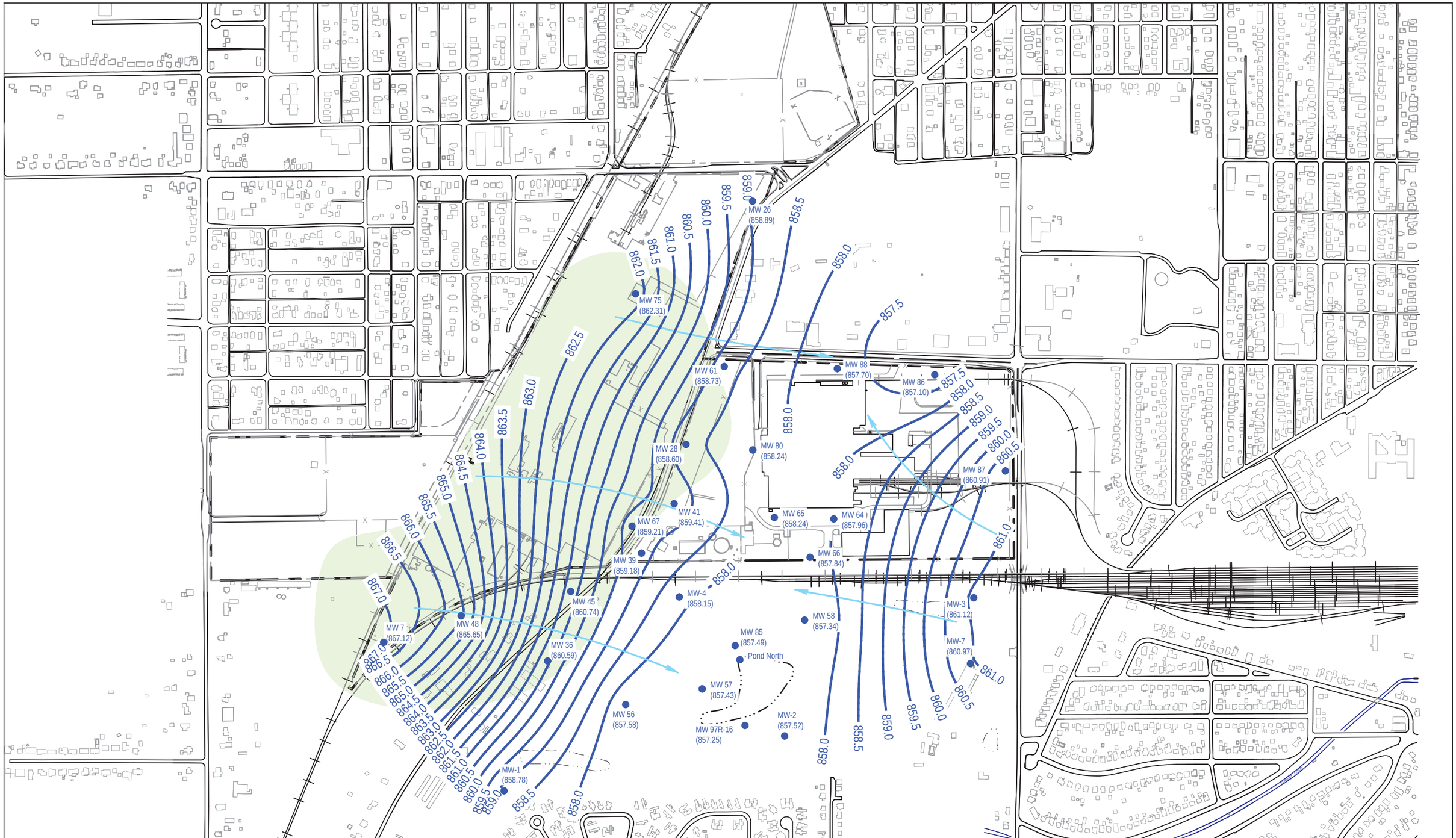
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
POTENTIOMETRIC GROUNDWATER ELEVATIONS - UNIT 3S, APRIL 2022

Project No. 11209506
Date July 2022

FIGURE 5

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D104_WA-008.dwg
Plot Date: 15 July 2022 10:29 AM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15



LEGEND

- SITE BOUDNARY
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- FORMER BUILDING
- BUILDING
- MONITORING WELL USED TO DEVELOP CONTOURS
- BOUNDARY OF AREA WHERE UNIT 3 CLAY CONFINING BED IS PRESENT
- (858.78) GROUNDWATER ELEVATION (FEET NAVD 88)
- 859.5 GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

0 300 600 ft

Coordinate System:
STATE PLANE INDIANA
EAST - NAD83

N

GHD

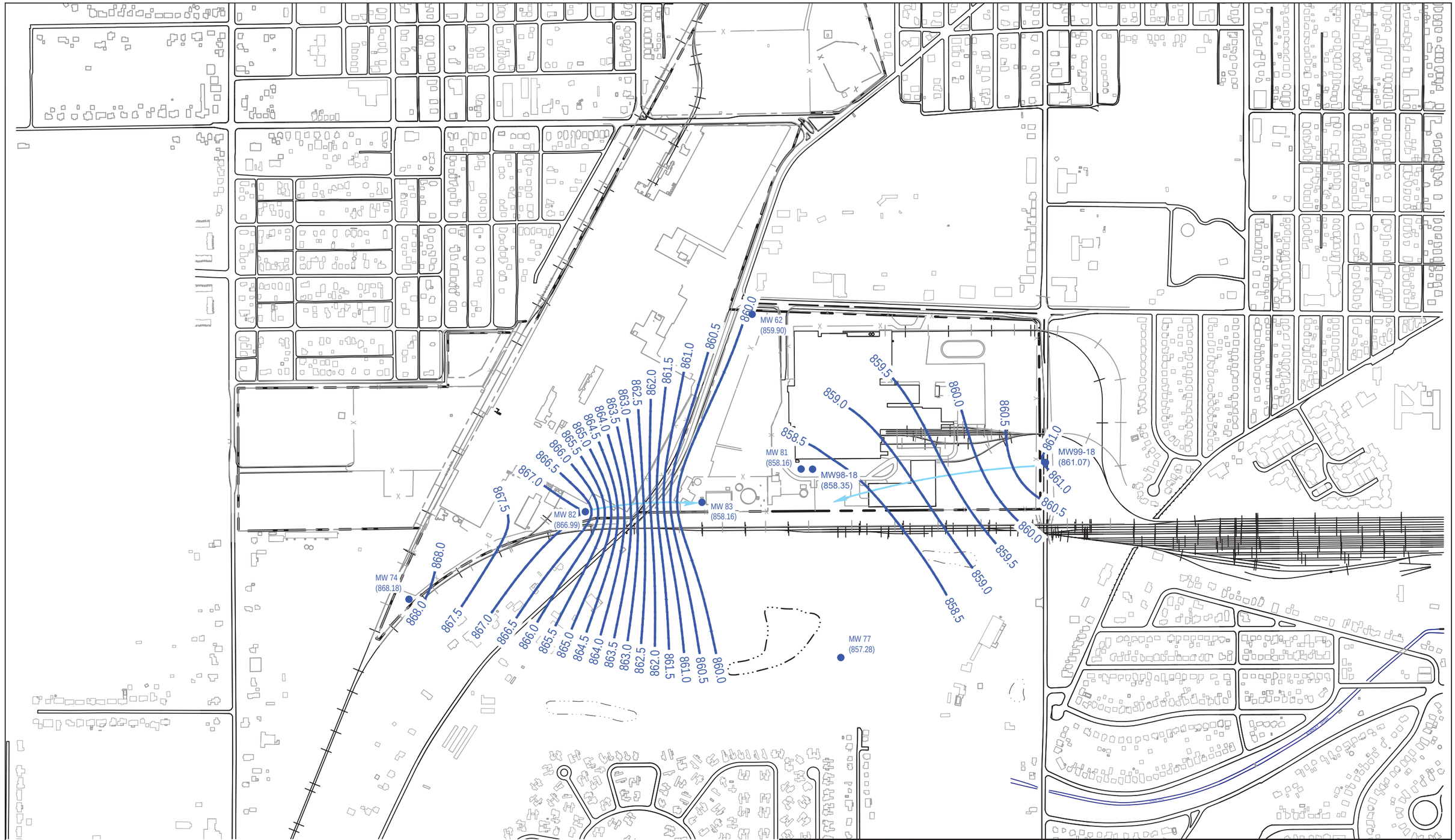
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
POTENTIOMETRIC GROUNDWATER ELEVATIONS - UNIT 3D, APRIL 2022

Project No. 11209506
Date July 2022

FIGURE 6

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D105_WA-008.dwg
Plot Date: 15 July 2022 10:05 AM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15



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Plot Date: 14 July 2022 4:39 PM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15

MW 79	04/17/2017	10/11/2017	04/10/2018	10/02/2018	04/26/2019	11/06/2020	04/29/2022
Benzene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.0005 U	0.1 U
Chloroform (Trichloromethane)	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.003 U	0.1 U
1,1-Dichloroethene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.0047	0.1 U
cis-1,2-Dichloroethene	2.3 (B)/2.3 (B)	1.5 (B)	3.5 (B)	2.4 (B)	2.2 (B)	1.5 (B)	2.1 (B)
trans-1,2-Dichloroethene	0.095/0.088 J	0.096	0.12	0.094 J	0.087 J	0.065	0.063 J
Ethylbenzene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.001 U	0.1 U
Methylene chloride	0.063 U/0.13 U	0.05 U	0.5 U	0.5 U	0.5 U	0.001 U	0.5 U
Tetrachloroethene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.001 U	0.1 U
Toluene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.001 U	0.1 U
1,1,1-Trichloroethane	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.001 U	0.1 U
Trichloroethene	0.063 U/0.13 U	0.05 U	0.1 U	0.1 U	0.1 U	0.001 U	0.1 U
Vinyl chloride	0.19 (AB)/0.19 (AB)	0.2 (AB)	0.31 (AB)	0.31 (AB)	0.6 (AB)	0.44 (AB)	0.41 (AB)

MW 84	10/13/2017	10/04/2018	10/17/2019	11/09/2020	04/28/2022
Benzene	0.001 U	0.001 U	0.001 U	0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.003 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.005 U	0.001 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.14 (A)	0.15 (A)	0.087 (A)/0.087 (A)	0.064 (A)	0.046 (A)/0.052 (A)
	0.041 (B)	0.0073 (B)	0.0038/0.0046 (B)	0.0035 J	0.0053 J (B)/0.0066 (B)

MW 51	04/18/2017	10/16/2017	04/10/2018	10/04/2018	04/29/2019
Benzene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
Chloroform (Trichloromethane)	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
1,1-Dichloroethene	0.0033 U	0.0014 J	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
cis-1,2-Dichloroethene	0.015	0.028	0.032/0.034	0.079	0.15/0.16
trans-1,2-Dichloroethene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.0011 J
Ethylbenzene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
Methylene chloride	0.0033 U	0.005	0.0068 U/0.0054 U	0.025 U	0.029 U/0.025 U
Tetrachloroethene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
Toluene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
1,1,1-Trichloroethane	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
Trichloroethene	0.0033 U	0.0033 U	0.0033 U/0.0033 U	0.005 U	0.0057 U/0.005 U
Vinyl chloride	0.14 (A)	0.15 (A)	0.087 (A)/0.087 (A)	0.064 (A)	0.046 (A)/0.052 (A)
	0.041 (B)	0.0073 (B)	0.0038/0.0046 (B)	0.0035 J	0.0053 J (B)/0.0066 (B)

MW 75	10/16/2017	10/02/2018	11/23/2020	05/03/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.013 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U

MW 76R-17	10/18/2017	10/02/2018	11/11/2020
Benzene	0.001 U	0.001 U	0.0005 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.003 U
1,1-Dichloroethene	0.001 U	0.001 U	0.002 U
cis-1,2-Dichloroethene	0.0027	0.0028	0.0032
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.00028 J
Ethylbenzene	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.0016

MW 28	04/19/2017	10/09/2017	04/12/2018	10/04/2018	04/25/2019	11/05/2020	04/26/2022
Benzene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
Chloroform (Trichloromethane)	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
1,1-Dichloroethene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
cis-1,2-Dichloroethene	0.85	0.92	0.97	1/1	1	1.3 (B)	2.1 (B)
trans-1,2-Dichloroethene	0.018 J	0.015 J	0.02 J	0.019 J/0.024 J	0.019 J	0.025 J	0.08 U
Ethylbenzene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
Methylene chloride	0.025 U	0.04 U	0.05 U	0.33 U/0.33 U	0.2 U	0.33 U	0.4 U
Tetrachloroethene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
Toluene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
1,1,1-Trichloroethane	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
Trichloroethene	0.025 U	0.04 U	0.05 U	0.067 U/0.067 U	0.04 U	0.067 U	0.08 U
Vinyl chloride	0.18 (AB)	0.2 (AB)	0.17 (AB)	0.15 (AB)/0.16 (AB)	0.13 (AB)	0.18 (AB)	0.22 (AB)

MW 29	10/17/2018
Benzene	0.001 U
Chloroform (Trichloromethane)	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
trans-1,2-Dichloroethene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.005 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
1,1,1-Trichloroethane	0.001 U
Trichloroethene	0.001 U
Vinyl chloride	0.001 U

MW 61	10/09/2017	10/04/2018	11/09/2020	04/27/2022
Benzene	0.001 U	0.001 U	0.0005 U/0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.003 U/0.003 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.002 U/0.002 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.001 U/0.001 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U/0.001 U	0.001 U
Vinyl chloride	0.001 U	0.0013	0.00077 J/0.0011	0.00062 J

MW 42	04/19/2017	10/09/2017	04/13/2018	10/04/2018	04/26/2019	11/09/2020	04/26/2022
Benzene	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.0006 J	0.1 U
Chloroform (Trichloromethane)	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.003 U	0.1 U
1,1-Dichloroethene	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.023	0.1 U
cis-1,2-Dichloroethene	2.9 (B)	3.7 (B)	3.9 (B)	3.5 (B)	2.4 (B)	2.9 (B)	3.2 (B)
trans-1,2-Dichloroethene	0.09 J	0.095 J	0.14 J	0.15 J	0.1	0.13	0.15
Ethylbenzene	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.001 U	0.1 U
Methylene chloride	0.1 U	0.1 U	0.2 U	1 U	0.5 U	0.001 U	0.5 U
Tetrachloroethene	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.001 U	0.1 U
Toluene	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.001 U	0.1 U
1,1,1-Trichloroethane	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.001 U	0.1 U
Trichloroethene	0.035 J	0.1 U	0.2 U	0.2 U	0.1 U	0.0072	0.1 U
Vinyl chloride	0.22 (AB)	0.26 (AB)	0.11 J (AB)	0.2 U	0.067 J (AB)	0.22 (AB)	0.052 J (AB)

MW 88	10/13/2017	10/04/2018	11/04/2020	04/27/2022
Benzene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U/0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Vinyl chloride	0.0023	0.0024/0.0023	0.0061 (B)	0.0067 (B)

MW 80	10/06/2017	10/02/2018	11/06/2020	04/25/2022
Benzene	0.002 U	0.002 U	0.0005 U	0.004 U/0.004 U
Chloroform (Trichloromethane)	0.002 U	0.002 U	0.003 U	0.004 U/0.004 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.004 U/0.004 U
cis-1,2-Dichloroethene	0.0086	0.015	0.013	0.0064/0.007
trans-1,2-Dichloroethene	0.002 U	0.001 J	0.00064 J	0.004 U/0.004 U
Ethylbenzene	0.002 U	0.002 U	0.001 U	0.004 U/0.004 U
Methylene chloride	0.002 U	0.01 U	0.001 U	0.02 U/0.02 U
Tetrachloroethene	0.002 U	0.002 U	0.001 U	0.004 U/0.004 U
Toluene	0.002 U	0.002 U	0.001 U	0.004 U/0.004 U
1,1,1-Trichloroethane	0.002 U	0.002 U	0.001 U	0.004 U/0.004 U
Trichloroethene	0.002 U	0.002 U	0.001 U	0.004 U/0.004 U
Vinyl chloride	0.041 (AB)	0.051 (AB)	0.063 (AB)	0.15 (AB)/0.16 (AB)

MW 12	04/19/2017	10/06/2017	04/11/2018	10/04/2018	04/25/2019	11/04/2020	05/02/2022
Benzene	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
Chloroform (Trichloromethane)	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
1,1-Dichloroethene	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
cis-1,2-Dichloroethene	0.11	0.1	0.08	0.09	0.072	0.056	
trans-1,2-Dichloroethene	0.0012 J	0.0012 J	0.0067 U	0.005 U	0.0019 J	0.00089 J	0.00079 J
Ethylbenzene	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
Methylene chloride	0.0025 U	0.0033 U	0.0067 U	0.025 U	0.017 U	0.013 U	0.005 U
Tetrachloroethene	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
Toluene	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
1,1,1-Trichloroethane	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0025 U	0.001 U
Trichloroethene	0.00085 J	0.0033 U	0.0026 J	0.005 U	0.00048 J	0.00028 J	0.001 U
Vinyl chloride	0.0025 U	0.0033 U	0.0067 U	0.005 U	0.0033 U	0.0005 J	0.001 U

MW 14	04/18/2017	10/13/2017	04/10/2018	10/03/2018	04/29/2019	11/09/2020	04/27/2022
Benzene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.00094	0.13 U/0.13 U
Chloroform (Trichloromethane)	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.003 U	0.13 U/0.13 U
1,1-Dichloroethene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.001	0.13 U/0.13 U
cis-1,2-Dichloroethene	4.1 (B)/3.9 (B)	4.1 (B)/4 (B)	4 (B)	4.1 (B)	3.2 (B)	3 (B)	3.2 (B)/3.2 (B)
trans-1,2-Dichloroethene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.024	0.13 U/0.13 U
Ethylbenzene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.001 U	0.13 U/0.13 U
Methylene chloride	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	1 U	0.71 U	0.001 U	0.63 U/0.63 U
Tetrachloroethene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.001 U	0.13 U/0.13 U
Toluene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.001 U	0.13 U/0.13 U
1,1,1-Trichloroethane	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.014	0.13 U/0.13 U
Trichloroethene	0.13 U/0.13 U	0.2 U/0.2 U	0.2 U	0.2 U	0.14 U	0.001 U	0.13 U/0.13 U
Vinyl chloride	0.13 (AB)/0.13 (AB)	0.15 J (AB)/0.15 J (AB)	0.17 (AB)	0.089 (A)	0.16 (A)	0.41 (A)	0.41 (A)

MW 21	10/18/2017	10/03/2018	11/11/2020	04/29/2022
Benzene	0.001 U	0.001 U	0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.003 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.00046 J	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.001 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.0013	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U

MW 68	04/17/2017	10/11/2017	04/11/2018	10/02/2018	04/26/2019	11/13/2020	04/29/2022
Benzene	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.0038/0.0043	0.1 U
Chloroform (Trichloromethane)	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.003 U/0.003 U	0.1 U
1,1-Dichloroethene	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.0196/0.02	0.1 U
cis-1,2-Dichloroethene	3.7 (B)	4.2 (B)	3.7 (B)	4.4 (B)	4.4 (B)	3 (B)/3 (B)	3.2 (B)
trans-1,2-Dichloroethene	0.15	0.16	0.15 J	0.17 J	0.17 J	0.15/0.17	0.11
Ethylbenzene	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.001 U/0.001 U	0.1 U
Methylene chloride	0.13 U	0.1 U	0.2 U	1 U	1 U	0.001 U/0.001 U	0.5 U
Tetrachloroethene	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.001 U/0.001 U	0.1 U
Toluene	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.001 U/0.001 U	0.1 U
1,1,1-Trichloroethane	0.13 U	0.1 U	0.2 U	0.2 U	0.2 U	0.001 U/0.001 U	0.1 U
Trichloroethene	1.5 (A)	1.6 (A)	1.7 (A)	1.4 (A)	1.4 (A)	1.1 (A)/1.2 (A)	0.97 (A)
Vinyl chloride	0.13 (AB)	0.16 (AB)	0.099 J (AB)	0.11 J (AB)	0.16 J (AB)	0.22 (AB)/0.23 (AB)	0.11 (AB)

MW 40	04/19/2017	10/10/2017	04/13/2018	10/03/2018	04/29/2019	11/12/2020	04/26/2022
Benzene	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.0049	0.2 U
Chloroform (Trichloromethane)	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.003 U	0.2 U
1,1-Dichloroethene	0.13 U	0.067 J/0.064 J	0.33 U	0.2 U	0.2 U	0.023	0.2 U
cis-1,2-Dichloroethene	5.4 (B)	5.4 (B)/5.5 (B)	5.8 (B)	5.4 (B)	4.6 (B)	3.1 (B)	4.5 (B)
trans-1,2-Dichloroethene	0.073 J	0.061 J/0.057 J	0.33 U	0.078 J	0.058 J	0.079	0.2 U
Ethylbenzene	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.001 U	0.2 U
Methylene chloride	0.13 U	0.13 U/0.13 U	0.18 J	1 U	1 U	0.001 U	1 U
Tetrachloroethene	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.001 U	0.2 U
Toluene	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.001 U	0.2 U
1,1,1-Trichloroethane	0.13 U	0.13 U/0.13 U	0.33 U	0.2 U	0.2 U	0.001 U	0.2 U
Trichloroethene	0.4 (A)	0.36 (A)/0.35 (A)	0.34 (A)	0.26 (A)	0.2 U	0.18 (A)	0.17 J (A)
Vinyl chloride	0.26 (AB)	0.17 (AB)/0.18 (AB)	0.18 J (AB)	0.22 (AB)	0.24 (AB)	0.32 (AB)	0.28 (AB)

MW 83	10/11/2017	10/13/2018	11/11/2020	05/02/2022
Benzene	0.001 U	0.001 U	0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.003 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	0.00041 J	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.001 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.00045 J	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.0076 (B)	0.012 (B)	0.015 (B)	0.017 (B)

MW 41	04/19/2017	10/09/2017	04/13/2018	10/04/2018	04/26/2019	11/09/2020	04/26/2022
Benzene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.00067	0.1 U
Chloroform (Trichloromethane)	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.003 U	0.1 U
1,1-Dichloroethene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.02 J	0.1 U
cis-1,2-Dichloroethene	6 (B)	5.4 (B)	5.8 (B)	4.8 (B)	5.1 (B)/5.1 (B)	4.2 (B)	2.9 (B)
trans-1,2-Dichloroethene	0.093 J	0.068 J	0.33 U	0.075 J	0.07 J/0.064 J	0.064	0.1 U
Ethylbenzene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.001 U	0.1 U
Methylene chloride	0.2 U	0.2 U	0.33 U	1.7 U	1 U/1 U	0.001 U	0.5 U
Tetrachloroethene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.001 U	0.1 U
Toluene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.001 U	0.1 U
1,1,1-Trichloroethane	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.001 U	0.1 U
Trichloroethene	0.2 U	0.2 U	0.33 U	0.33 U	0.2 U/0.2 U	0.001 U	0.1 U
Vinyl chloride	0.44 (AB)	0.38 (AB)	0.3 J (AB)	0.21 J (AB)	0.35 (AB)/0.34 (AB)	0.24 (AB)	0.16 (AB)

MW 65	10/06/2017	10/04/2018	11/05/2020	04/25/2022
Benzene	0.001 U	0.001 U	0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.00053 J	0.003 U	0.0012
1,1-Dichloroethene	0.001 U	0.001 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	0.02	0.015	0.0082	0.0035
trans-1,2-Dichloroethene	0.0012	0.00069 J	0.00028 J	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.001 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.00074 J	0.00074 J	0.00049 J	0.001 U

MW 64	10/10/2017	10/03/2018	11/06/2020	04/25/2022
Benzene	0.0067 U	0.01 U/0.01 U	0.0005 U/0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.0067 U	0.01 U/0.01 U	0.003 U/0.003 U	0.001 U
1,1-Dichloroethene	0.0067 U	0.01 U/0.01 U	0.002 U/0.002 U	0.001 U
cis-1,2-Dichloroethene	0.23	0.21/0.21	0.31/0.32	0.009
trans-1,2-Dichloroethene	0.024	0.023/0.022	0.028/0.028	0.00079 J
Ethylbenzene	0.0067 U	0.01 U/0.01 U	0.001 U/0.001 U	0.001 U
Methylene chloride	0.0067 U	0.05 U/0.05 U	0.001 U/0.001 U	0.005 U
Tetrachloroethene	0.0067 U	0.01 U/0.01 U	0.001 U/0.001 U	0.001 U
Toluene	0.0067 U	0.01 U/0.01 U	0.001 U/0.001 U	0.001 U
1,1,1-Trichloroethane	0.0067 U	0.01 U/0.01 U	0.001 U/0.001 U	0.001 U
Trichloroethene	0.0067 U	0.01 U/0.01 U	0.001 U/0.001 U	0.001 U
Vinyl chloride	0.049 (AB)	0.083 (AB)/0.089 (AB)	0.042 (AB)/0.042 (AB)	0.054 (AB)

MW99-18	10/10/2018
Benzene	0.001 U
Chloroform (Trichloromethane)	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
trans-1,2-Dichloroethene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.005 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
1,1,1-Trichloroethane	0.001 U
Trichloroethene	0.001 U
Vinyl chloride	0.001 U

MW98-18	10/09/2018
Benzene	0.001 U
Chloroform (Trichloromethane)	0.0025 J
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
trans-1,2-Dichloroethene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.005 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
1,1,1-Trichloroethane	0.001 U
Trichloroethene	0.001 U
Vinyl chloride	0.001 U

MW 81	10/06/2017	10/09/2018	11/06/2020	04/25/2022
Benzene	0.0033 U	0.004 U	0.0005 U	0.001 U
Chloroform (Trichloromethane)	0.0033 U	0.004 U	0.003 U	0.001 U
1,1-Dichloroethene	0.0033 U	0.004 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	0.096	0.078	0.057	0.028
trans-1,2-Dichloroethene	0.0033 U	0.001 J	0.00031 J	0.001 U
Ethylbenzene	0.0033 U	0.004 U	0.001 U	0.001 U
Methylene chloride	0.0033 U	0.02 U	0.001 U	0.005 U
Tetrachloroethene	0.0033 U	0.004 U	0.001 U	0.001 U
Toluene	0.0033 U	0.004 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.0033 U	0.004 U	0.001 U	0.001 U
Trichloroethene	0.0033 U	0.004 U	0.001 U	0.001 U
Vinyl chloride	0.041 (AB)	0.051 (AB)	0.063 (AB)	0.15 (AB)/0.16 (AB)

MW 86	10/13/2017	10/04/2018	11/04/2020	04/27/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U

MW-85	04/18/2017	10/17/2017	04/12/2018	10/08/2018	04/29/2019	11/03/2020	05/05/2022
Benzene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
Chloroform (Trichloromethane)	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
1,1-Dichloroethene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
cis-1,2-Dichloroethene	8.4 (ADE)	8.6 (ADE)	7.3 (ADE)	8 (ADE)	4.4 (ADE)	6.1 (ADE)	5.2 (ADE)
trans-1,2-Dichloroethene	0.28 J [A]	0.29 [A]	0.26 J [A]	0.28 J [A]	0.1 J	0.19 J [A]	0.17 [A]
Ethylbenzene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
Methylene chloride	0.33 U	4.3 [A]	0.5 U	2.5 U	1 U	1.7 U	0.5 U
Tetrachloroethene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
Toluene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
1,1,1-Trichloroethane	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
Trichloroethene	0.33 U	0.2 U	0.5 U	0.5 U	0.2 U	0.33 U	0.1 U
Vinyl chloride	0.42 [ABCDE]	0.45 [ABCDE]	0.35 J [ABCDE]	0.68 [ABCDE]	0.32 [ABCDE]	0.56 [ABCDE]	0.25 [ABCDE]

MW-4	04/18/2017	10/17/2017	04/12/2018	10/08/2018	04/29/2019	11/03/2020	05/04/2022
Benzene	0.33 U	0.17 U/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.1 U/0.25 U
Chloroform (Trichloromethane)	0.33 U	0.17 U/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.1 U/0.25 U
1,1-Dichloroethene	0.33 U	0.12 J [A]/0.12 J [A]	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.25 U/0.1 U
cis-1,2-Dichloroethene	8.6 (ADE)	8.6 (ADE)/8 (ADE)	8.8 (ADE)/8.3 (ADE)	8.9 (ADE)	6.8 (ADE)	7.8 (ADE)	5.6 (ADE)/5.9 (ADE)
trans-1,2-Dichloroethene	0.26 J [A]	0.2 [A]/0.19 [A]	0.21 J [A]/0.22 J [A]	0.2 J [A]	0.13 J [A]	0.14 J [A]	0.25 U/0.1
Ethylbenzene	0.33 U	0.17 U/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.25 U/0.1 U
Methylene chloride	0.33 U	3.2 [A]/3.5 [A]	0.5 U/0.5 U	2.5 U	1.3 U	1.7 U	1.3 U/0.5 U
Tetrachloroethene	0.33 U	0.17 U/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.1 U/0.25 U
Toluene	0.33 U	0.17 U/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.25 U/0.1 U
1,1,1-Trichloroethane	0.33 U	0.16 J/0.17 U	0.5 U/0.5 U	0.5 U	0.25 U	0.33 U	0.1 U/0.25 U
Trichloroethene	1.1 (ABCD)	2.4 (ABCD)/2.1 (ABCD)	1.3 (ABCD)/1.4 (ABCD)	1.6 (ABCD)	0.8 (ABCD)	1 (ABCD)	0.75 (ABCD)/0.66 (ABCD)
Vinyl chloride	0.84 [ABCDE]	0.73 [ABCDE]/0.66 [ABCDE]	0.68 [ABCDE]/0.65 [ABCDE]	0.68 [ABCDE]	0.5 [ABCDE]	0.56 [ABCDE]	0.35 [ABCDE]/0.38 [ABCDE]

MW 46	10/16/2017	10/05/2018	10/16/2019	11/05/2020	05/03/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.0005 J	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.012 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.00015 J	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

MW 49	04/11/2018	10/03/2018	04/25/2019	10/16/2019	11/05/2020	05/02/2022
Benzene	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
Chloroform (Trichloromethane)	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
1,1-Dichloroethene	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
cis-1,2-Dichloroethene	0.89 [A]	0.89 [A]	0.83 [A]	0.69 [A]/0.7 [A]	0.6 [A]	0.43 [A]
trans-1,2-Dichloroethene	0.027 J	0.029 J	0.031 J	0.016 J/0.019 J	0.023 J	0.015
Ethylbenzene	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
Methylene chloride	0.05 U	0.2 U	0.17 U	0.25 U/0.25 U	0.17 U	0.05 U
Tetrachloroethene	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
Toluene	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
1,1,1-Trichloroethane	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U
Trichloroethene	0.05 U	0.047 (ABC)	0.029 J [AB]	0.05 U/0.05 U	0.021 J [AB]	0.088 [ABC]
Vinyl chloride	0.05 U	0.04 U	0.033 U	0.05 U/0.05 U	0.033 U	0.01 U

MW89-11	04/19/2017	10/17/2017	04/11/2018	10/08/2018	04/25/2019	11/05/2020	05/03/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.00059 J	0.001 U	0.00023 J	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.0033 U	0.00059 J	0.001 U	0.001 U	0.00037 J	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.00039 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.00084 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.00033 J	0.0026	0.00066 J	0.0029	0.00057 J	0.0062	0.00098 J
Trichloroethene	0.00036 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

MW 37	10/16/2017	10/05/2018	11/04/2020	05/02/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.013 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U

MW 56	10/18/2017	10/05/2018	11/03/2020	05/05/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.00066 J	0.001 U

MW 57	10/18/2017	10/08/2018	11/03/2020	05/05/2022
Benzene	0.0033 U	0.001 U	0.05 U	0.04 U
Chloroform (Trichloromethane)	0.0033 U	0.001 U	0.05 U	0.04 U
1,1-Dichloroethene	0.0033 U	0.001 U	0.05 U	0.04 U
cis-1,2-Dichloroethene	0.0033 U	0.0082 U	0.18 [A]	0.04 U
trans-1,2-Dichloroethene	0.0033 U	0.001 U	0.05 U	0.04 U
Ethylbenzene	0.0033 U	0.001 U	0.05 U	0.04 U
Methylene chloride	0.0037 U	0.005 U	0.25 U	0.2 U
Tetrachloroethene	0.0033 U	0.001 U	0.05 U	0.04 U
Toluene	0.0033 U	0.001 U	0.05 U	0.04 U
1,1,1-Trichloroethane	0.0033 U	0.001 U	0.05 U	0.04 U
Trichloroethene	0.0033 U	0.001 U	0.05 U	0.04 U
Vinyl chloride	0.096 [ABCDE]	0.02 [ABCD]	0.98 [ABCDE]	0.73 [ABCDE]

Pond North	04/18/2017	07/12/2017	10/19/2017	04/09/2018	07/05/2018	10/09/2018	04/24/2019	10/08/2019	04/24/2020	10/08/2020	04/29/2021	10/06/2021	05/05/2022
Benzene	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.01 U/0.01 U	0.002 U/0.002 U
Chloroform (Trichloromethane)	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.01 U/0.01 U	0.002 U/0.002 U
1,1-Dichloroethene	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.01 U/0.01 U	0.002 U/0.002 U
cis-1,2-Dichloroethene	0.21 [A]/0.2 [A]	0.11 [A]/0.1 [A]	0.35 [A]	0.21 [A]/0.22 [A]	0.16 [A]	0.13 [A]/0.13 [A]	0.18 [A]	0.1 [A]/0.1 [A]	0.2 [A]/0.2 [A]	0.1 [A]/0.1 [A]	0.2 [A]/0.2 [A]	0.1 [A]/0.1 [A]	0.1 [A]/0.1 [A]
trans-1,2-Dichloroethene	0.0084J/0.0092	0.0041J/0.004	0.014	0.0071 J/0.0087 J	0.0095	0.0033 J/0.0037 J	0.0066	0.0025 J/0.0027 J	0.0066	0.0074 J/0.0071 J	0.0064J/0.004		
Ethylbenzene	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.01 U/0.01 U	0.002 U/0.002 U
Methylene chloride	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.034 U	0.031 U	0.033 U/0.033 U	0.025 U	0.025 U/0.025 U	0.05 U/0.05 U	0.01 U/0.01 U			
Tetrachloroethene	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.002 U/0.002 U			
Toluene	0.0067 U/0.0067 U	0.0033 U/0.0033 U	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.002 U/0.002 U			
1,1,1-Trichloroethane	0.0067 U/0.0067 U	0.00094 J/0.00095 J	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.005 U	0.005 U/0.005 U	0.01 U/0.01 U	0.002 U/0.002 U			
Trichloroethene	0.0067 U/0.0067 U	0.0071 [A]/0.0073 [A]	0.01 U	0.011 U/0.01 U	0.0063 U	0.0067 U/0.0067 U	0.0011 J	0.005 U/0.005 U	0.01 U/0.01 U	0.002 U/0.002 U			
Vinyl chloride	0.011 [ABCE]/0.01 [ABCE]	0.0053 [ABCE]/0.0052 [ABCE]	0.017 [ABCE]	0.014 [ABCE]/0.018 [ABCE]	0.023 J [ABCE]	0.0059 J [ABCE]/0.0064 J [ABCE]	0.0099 [ABCE]	0.0039 J [ABCE]/0.004 J [ABCE]	0.011 [ABCE]/0.0091 J [ABCE]	0.0072 [ABCE]/0.0073 [ABCE]			

MW 58	10/17/2017	10/08/2018	11/03/2020	05/04/2022
Benzene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
Chloroform (Trichloromethane)	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
1,1-Dichloroethene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
cis-1,2-Dichloroethene	2.2 (ADE)	3 (ADE)	2.9 (ADE)/2.9 (ADE)	2.5 (ADE)
trans-1,2-Dichloroethene	0.081	0.13 J [A]	0.14 [A]/0.14 [A]	0.14 [A]
Ethylbenzene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
Methylene chloride	1.1 [A]	1 U	0.71 U/0.71 U	0.25 U
Tetrachloroethene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
Toluene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
1,1,1-Trichloroethane	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
Trichloroethene	0.05 U	0.2 U	0.14 U/0.14 U	0.05 U
Vinyl chloride	0.059 [ABCDE]	0.064 J [ABCDE]	0.13 J [ABCDE]/0.12 J [ABCDE]	0.034 J [ABDE]

MW-7	10/18/2017	10/09/2018	11/03/2020	05/04/2022
Benzene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U/0.001 U	0.00018 J/0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U/0.001 U	0.005 U/0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Toluene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U/0.001 U	0.001 U/0.001 U	0.001 U	0.001 U

MW97R-16	10/18/2017	10/09/2018	11/03/2020	05/05/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U

MW-2	10/17/2017	10/08/2018	11/03/2020	05/05/2022
Benzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	0.0014	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U

Pond Intake	04/18/2017	07/12/2017	10/19/2017	04/09/2018	07/05/2018	10/09/2018	04/24/2019	10/08/2019	11/03/2020	05/04/2022
Benzene	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
Chloroform (Trichloromethane)	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
1,1-Dichloroethene	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
cis-1,2-Dichloroethene	0.059	0.11 [A]	0.052	0.12 [A]	0.077 [A]/0.072 [A]	0.1 [A]	0.12 J+ [A]/0.1 [A]	0.061	0.076 [A]	0.067
trans-1,2-Dichloroethene	0.0023	0.0043	0.0014 J	0.0046 J	0.0019 J/0.0017 J	0.0025 J	0.0041 J+/0.0038	0.001 J	0.0024 J	0.0025
Ethylbenzene	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
Methylene chloride	0.0017 U	0.004 U	0.002 U	0.016 U	0.017 U/0.017 U	0.025 U	0.017 U/0.017 U	0.0084 U	0.013 U	0.005 U
Tetrachloroethene	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
Toluene	0.0017 U	0.004 U	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
1,1,1-Trichloroethane	0.0017 U	0.00092 J	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.0033 U/0.0033 U	0.0017 U	0.0025 U	0.001 U
Trichloroethene	0.0017 U	0.0073 [A]	0.002 U	0.005 U	0.0033 U/0.0033 U	0.005 U	0.001 J+/0.0009 J	0.0017 U	0.0025 U	0.001 U
Vinyl chloride	0.0063 [ABDE]	0.0051 [ABDE]	0.0048 [ABDE]	0.013 [ABDE]	0.0076 [ABDE]/0.0073 [ABDE]	0.005 [ABDE]	0.0089 J+ [ABDE]/0.0086 [ABDE]	0.0039 [ABDE]	0.0039 [ABDE]	0.0061 [ABDE]

SCREENING CRITERIA

CHEMICAL NAME	A	B	C	D	E	UNIT
Benzene	0.005	0.028	0.12	-	-	mg/L
Chloroform (Trichloromethane)	0.08	-	-	-	-	mg/L
1,1-Dichloroethene	0.007	0.3	1.3	24.1	5.1	mg/L
cis-1,2-Dichloroethene	0.07	-	-	1	1	mg/L
trans-1,2-Dichloroethene	0.1	-	-	10	2	mg/L
Ethylbenzene	0.7	-	-	-	-	mg/L
Methylene chloride	0.005	-	-	-	-	mg/L
Tetrachloroethene	0.005	0.11	0.47	-	-	mg/L
Toluene	1	-	-	-	-	mg/L
1,1,1-Trichloroethane	0.2	13	54	818	29	mg/L
Trichloroethene	0.005	0.0091	0.038	0.127	29	mg/L
Vinyl chloride	0.002	0.0021	0.035	0.000848	0.0038	mg/L

A IDEM Residential Tap Water (2022)
B IDEM Vapor Exp Residential Criteria (2022)
C IDEM Vapor Exp Comm/Ind Criteria (2022)
D Site-Specific Closure Level (SSCL/RCR)
E Site-Specific Closure Level (SSCL/CITW)

NOTES:
1. Sample results rounded to three decimal places.
2. Screening criteria and sample results are compared to two significant digits. Results equal to screening criteria are not highlighted as exceedances.
3. CITW - Commercial/Industrial Tap Water Use
4. RCR - Recreator
5. U - Not detected at the associated reporting limit
6. J - Estimated concentration

MW97-14	10/20/2015
Benzene	0.001 U
Chloroform (Trichloromethane)	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
trans-1,2-Dichloroethene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.001 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
1,1,1-Trichloroethane	0.001 U
Trichloroethene	0.001 U
Vinyl chloride	0.001 U

0.24 [A]

LEGEND
- SITE BOUNDARY
- LOT LINE
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- BUILDING
- MONITORING WELL LOCATION

SAMPLE LOCATION
SAMPLE DATE
WS - SURFACE WATER
1 - UNIT 1, PERCHED GROUNDWATER IN FILL
3S - UNIT 3, SHALLOW GROUNDWATER IN UPPERMOST AQUIFER
3I - UNIT 3, INTERMEDIATE GROUNDWATER IN UPPERMOST AQUIFER
3D - UNIT 3, DEEP GROUNDWATER IN UPPERMOST AQUIFER
B - BEDROCK, GROUNDWATER IN BEDROCK AQUIFER
CONCENTRATION (mg/L)
PARAMETER
EXCEEDANCE OF ONE OR MORE SCREENING CRITERIA

0 150 300 ft
Coordinate System: STATE PLANE INDIANA EAST - NAD83

N

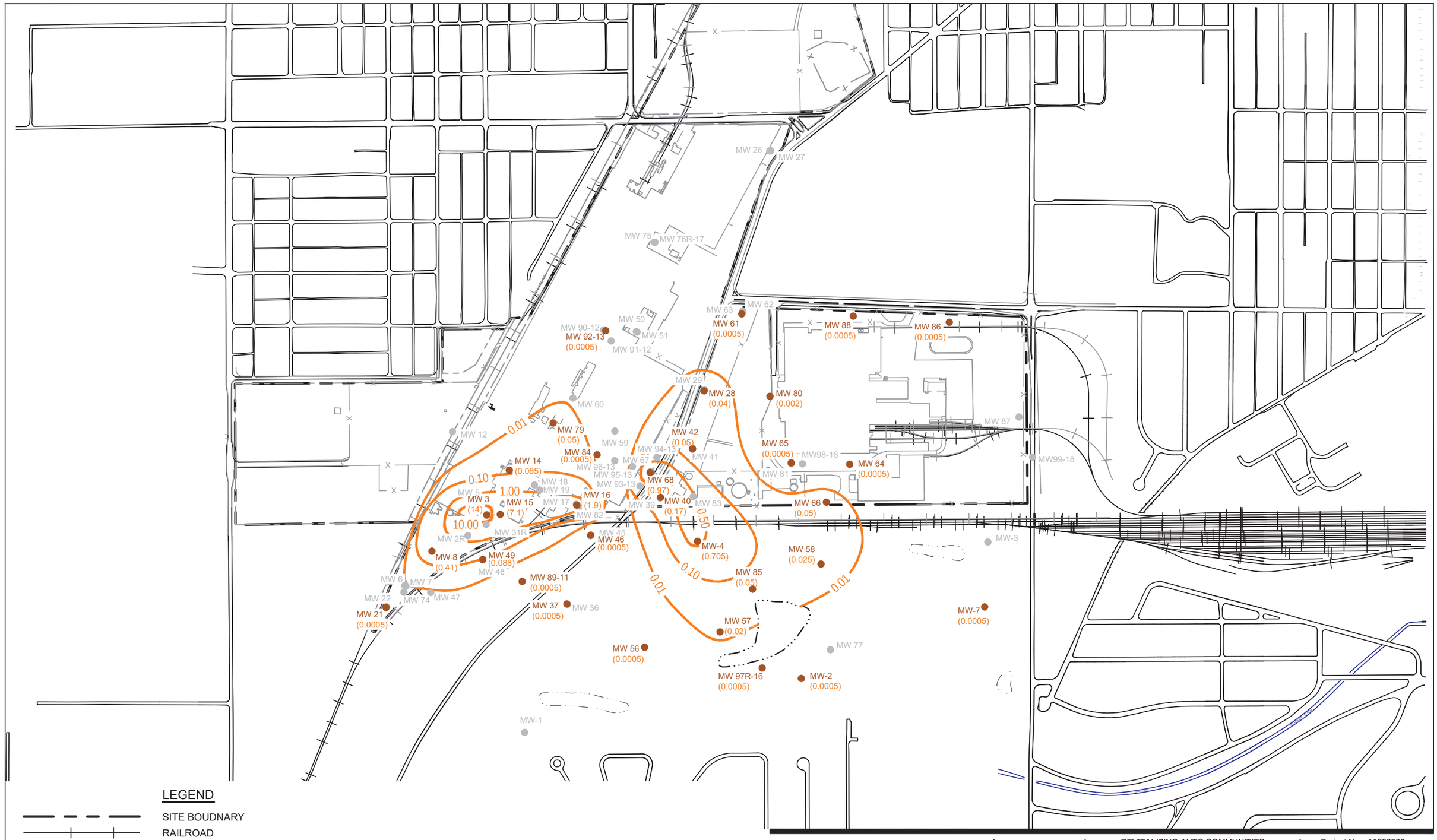
GHD

REVITALIZING AUTO COMMUNITIES ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
OFF-SITE VOC GROUNDWATER/SURFACE WATER RESULTS (2017 - 2022)

Project No. 11209506
Date July 2022

FIGURE 9

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Plot Date: 14 July 2022 4:40 PM



LEGEND

- SITE BOUDNARY
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- BUILDING
- MONITORING WELL LOCATION
- 1.00 ISOCONCENTRATION CONTOUR (mg/L)

0 300 600 ft

Coordinate System:
STATE PLANE INDIANA
EAST - NAD83

N

GHD

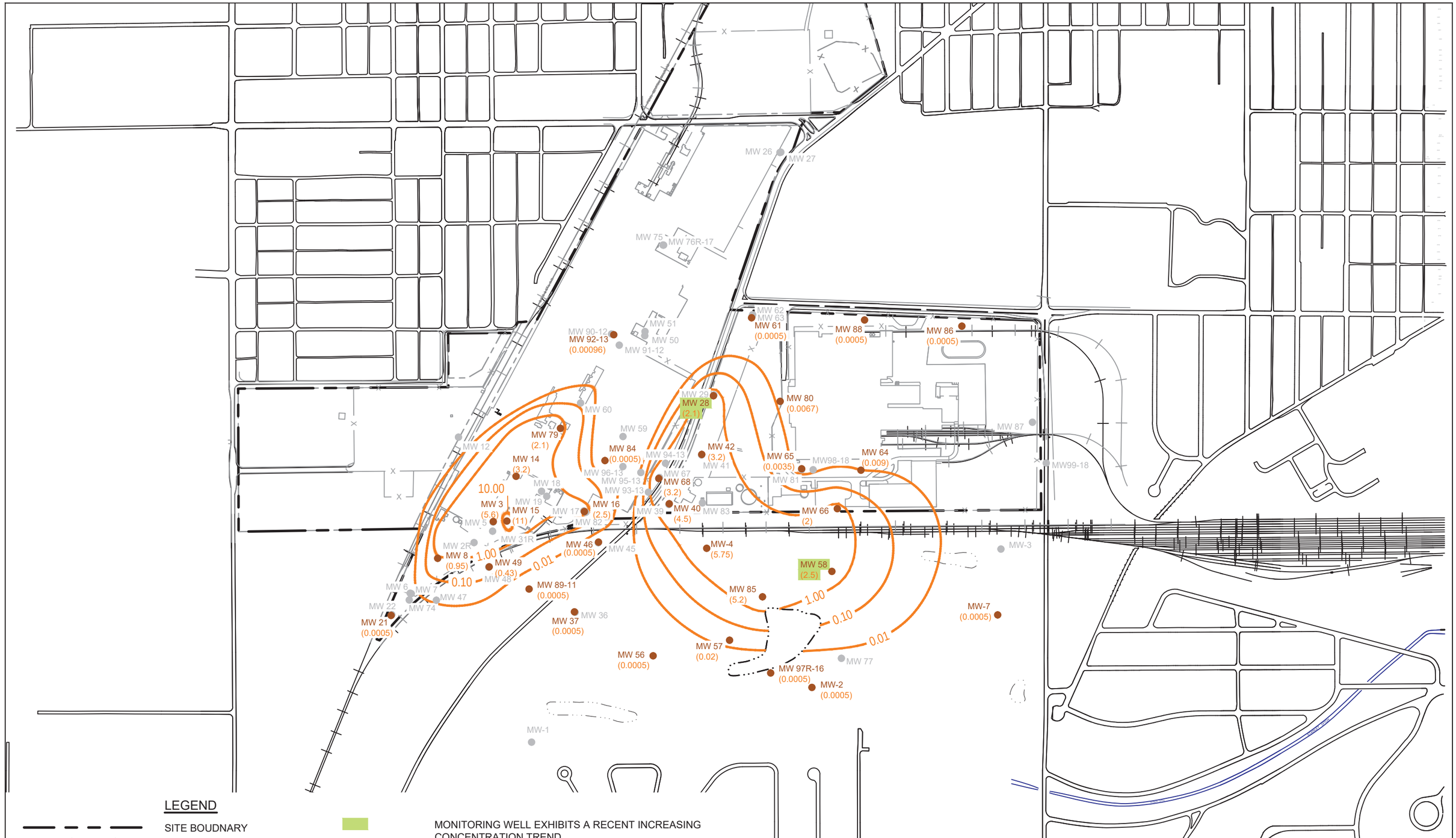
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
CONCENTRATION OF TCE
IN GROUNDWATER - UNIT 3

Project No. 11209506
Date July 2022

FIGURE 10

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D109_WA-008.dwg
Plot Date: 15 July 2022 10:11 AM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15



LEGEND

- SITE BOUDNARY
- RAILROAD
- FENCE LINE
- POND BOUNDARY
- BUILDING
- MONITORING WELL LOCATION
- MONITORING WELL EXHIBITS A RECENT INCREASING CONCENTRATION TREND
- 1.00 ISOCONCENTRATION CONTOUR (mg/L)

NOTES: NON DETECT RESULTS ARE SHOWN AS HALF THE ASSOCIATED REPORT LIMIT

0 300 600 ft

Coordinate System:
STATE PLANE INDIANA
EAST - NAD83

N

GHD

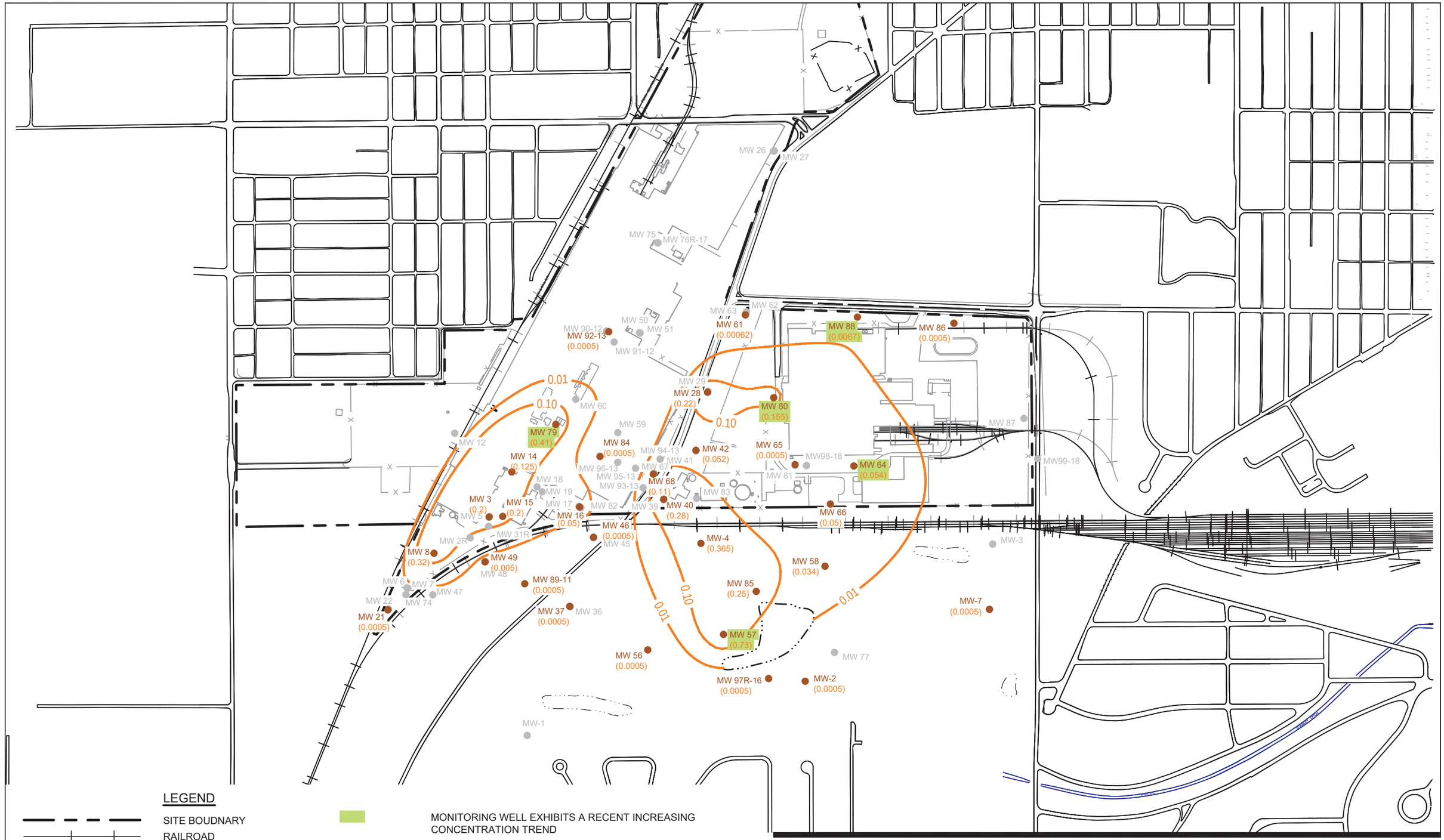
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
CONCENTRATION OF CIS-1,2-DCE
IN GROUNDWATER - UNIT 3

Project No. 11209506
Date July 2022

FIGURE 11

Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D110_WA-008.dwg
Plot Date: 14 July 2022 4:41 PM

Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15


MW 26
MW 27
MW 75
MW 76R-17
MW 63
MW 62
MW 61
(0.00062)
MW 88
(0.0067)
MW 86
(0.0005)
MW 50
MW 51
MW 90-12
MW 92-13
(0.0005)
MW 91-12
0.01
MW 29
MW 28
(0.22)
MW 80
(0.155)
0.10
MW 60
MW 59
MW 79
(0.41)
MW 12
MW 84
(0.0005)
MW 94-13
MW 42
(0.052)
MW 65
(0.0005)
MW98-18
MW 64
(0.054)
MW 87
MW99-18
MW 14
(0.125)
MW 96-13
MW 41
MW 67
MW 95-13
MW 93-13
MW 68
(0.11)
MW 81
MW 83
MW 18
MW 19
MW 17
MW 82
MW 39
MW 40
(0.28)
MW 66
(0.05)
MW 3
(0.2)
MW 15
(0.2)
MW 5
MW 16
(0.05)
MW 46
(0.0005)
MW 45
MW 2R
MW 31R
MW-4
(0.365)
MW-3
MW 8
(0.32)
MW 49
(0.005)
MW 48
MW 58
(0.034)
MW 6
MW 7
MW 47
MW 89-11
(0.0005)
MW 85
(0.25)
MW 22
MW 74
MW-7
(0.0005)
MW 21
(0.0005)
MW 37
(0.0005)
MW 36
0.10
0.01
0.01
MW 57
(0.73)
MW 56
(0.0005)
MW 77
MW 97R-16
(0.0005)
MW-2
(0.0005)
MW-1
LEGEND
SITE BOUDNARY
RAILROAD
FENCE LINE
POND BOUNDARY
BUILDING
MONITORING WELL LOCATION
MONITORING WELL EXHIBITS A RECENT INCREASING CONCENTRATION TREND
0.10
ISOCONCENTRATION CONTOUR (mg/L)
NOTES: NON DETECT RESULTS ARE SHOWN AS HALF THE ASSOCIATED REPORT LIMIT
0
300
600 ft
Coordinate System:
STATE PLANE INDIANA
EAST - NAD83
N
GHD
REVITALIZING AUTO COMMUNITIES
ENVIRONMENTAL RESPONSE TRUST
2915 DR. MARTIN LUTHER KING JR. BLVD.
ANDERSON, INDIANA
2022 GROUNDWATER MONITORING REPORT
CONCENTRATION OF VINYL CHLORIDE
IN GROUNDWATER - UNIT 3
Project No. 11209506
Date July 2022
FIGURE 12
Filename: N:\CA\St Catharines\Projects\562\11209506\Digital_Design\ACAD 2020\Figures\RPT-008\11209506-GHD-00-00-RPT-EN-D111_WA-008.dwg
Plot Date: 15 July 2022 10:12 AM
Data Source:AECOM, PROJECT NO. 60163563, DATE 2012-05-15

Tables

Table 1

Site-Wide Groundwater Monitoring Program
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Monitoring Well Location	*Hydro-Geologic Unit*	*Year Installed*	*Plume Position* [(1)]	*18-Month Monitoring* [(2)]
MW-2	3d	2003	WWTP, Margin	X
MW 3	3s	1992	AOC 1, Source	X
MW-4	3d	2003	WWTP, Tail	X
MW-7	3d	2003	WWTP, Margin	X
MW 8	3s	1993	AOC 1, Source	X
MW 12	3i	1993	AOC 1, Tail	X
MW 14	3s	1993	AOC 1, Tail	X
MW 15	3s	1993	AOC 1, Source	X
MW 16	3s	1993	AOC 1, Tail	X
MW 21	3s	2000	AOC 1, Margin	X
MW 28	3d	2000	WWTP, Tail	X
MW 31R	1	2000	AOC 1, Source	X
MW 37	3s	2001	AOC 1, Margin	X
MW 40	3s	2003	WWTP, Source	X
MW 41	3d	2003	WWTP, Source	X
MW 42	3s	2003	WWTP, Source	X
MW 46	3s	2003	AOC 1, Margin	X
MW 49	3s	2003	AOC 1, Tail	X
MW 56	3d	2004	WWTP, Margin	X
MW 57	3d	2004	WWTP, Tail	X
MW 58	3d	2004	WWTP, Tail	X
MW 61	3d	2004	WWTP, Margin	X
MW 64	3d	2004	WWTP, Tail	X
MW 65	3d	2004	WWTP, Tail	X
MW 66	3d	2004	WWTP, Tail	X
MW 68	3s	2004	WWTP, Source	X
MW 75	3d	2004	AOC 1, Margin	X
MW 76R-17	3s	2017	AOC 1, Margin	X
MW77	B	2004	WWTP, Margin	X
MW 79	3s	2004	AOC 1, Tail	X
MW 80	3d	2005	WWTP, Tail	X
MW 81	B	2005	WWTP, Tail	X
MW 82	B	2005	AOC 1, Margin	X
MW 83	B	2005	WWTP, Tail	X
MW 84	3S	2005	WWTP, Margin	X
MW 85	3d	2007	WWTP, Tail	X
MW 86	3d	2010	WWTP, Margin	X
MW 88	3d	2010	WWTP, Tail	X
MW 89-11	3s	2011	AOC 1, Margin	X
MW 92-13	3s	2013	AOC 1, Tail	X
MW 97R-16	3d	2015	WWTP, Margin	X
Pond (Intake)	Surface Water	N/A	Surface Water	X
Pond (North)	Surface Water	N/A	Surface Water	X

Notes:
(1) AOC 1 = VOC plume originating at AOC 1 - South Court
WWTP = VOC plume originating from former WWTP Area
Source = VOC source area well
(2) TCL VOCs - Target Compound List Volatile Organic Compounds
N/A - Not Applicable

Table 2

Monitoring Well Construction and Surface Water Benchmark Details
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Monitoring Well Location	*Hydro-Geologic Unit*	*Northing* [1]	*Easting* [1]	*Datum El.* [2,3]	*Revised Datum El.* [2,3]	*Screen Top* [2]	*Screen Bottom* [2]
MW 1	3s	1761110.3	317311.1	880.86(4)	880.86[4]	864.50	860.21
MW 2	3s	1761003.2	317244.7	879.70		864.75	860.47
MW2 R	3s	1760999.3	317243.9	879.68	879.25[4]	864.46	860.18
MW 3	3s	1761137.6	317370.2	880.51	880.41[4]	864.53	860.25
MW 4	3s	1761089.4	317240.2	880.78		865.97	861.48
MW 5	3s	1761134.5	317368.7	880.54		852.93	843.53
MW 6	3s	1760666.3	316823.5	878.22		864.80	855.18
MW 7	3d	1760663.6	316830.5	878.18		835.40	830.82
MW 8	3s	1760896.0	317004.4	878.41		863.33	853.74
MW 9	3s	1761218.5	316990.4	881.65		866.31	856.70
MW 10	3s	1761128.0	317115.5	880.88		866.30	856.67
MW 11	3s	1761699.0	317145.5	882.68		861.51	851.88
MW 12	3i	1761692.8	317141.2	882.78		833.84	829.26
MW 13	3s	1761430.2	317517.7	881.25		866.13	856.50
MW 14	3s	1761435.2	317520.1	881.36		852.63	848.06
MW 15	3s	1761140.7	317459.5	879.67		864.76	855.13
MW 16	3s	1761203.4	317969.5	878.65	879.83[4]	864.01	854.40
MW 17	3s	1761207.9	317966.4	878.30	879.86[4]	853.30	848.72
MW 18	3s	1761337.0	317687.7	878.88	881.08[5]	858.88	854.15
MW 19	3s	1761304.0	317721.7	878.54	880.75[5]	858.75	854.04
MW 20	3s	1761098.7	317705.5	877.70		852.50	847.76
MW 21	3s	1760520.1	316698.0	878.74		850.92	846.20
MW 22	3s	1760525.5	316702.1	879.11		861.67	856.92
MW 23	3s	1761096.0	317715.2	877.68		860.71	855.97
MW 24	3d	1762007.5	317041.2	882.77		803.78	794.03
MW 25	3s	1762008.7	317047.0	882.85		853.75	844.00
MW 26	3d	1763564.6	319256.7	883.09		840.65	830.82
MW 27	1	1763566.5	319262.7	883.04		853.15	848.42
MW 28	3d	1761964.9	318819.0	877.44		834.40	824.66
MW 29	3s	1761971.1	318822.0	877.53		862.21	852.49
MW 30	1	1760992.0	317335.2	878.50		868.64	863.95
MW 31	1	1761074.5	317365.6	879.22		872.17	867.91
MW 31R	1	1761074.5	317365.6	879.71		871.58	866.90
MW 32	1	1760855.5	316937.0	878.88		871.99	867.71
MW 33	1	1760961.5	316889.2	880.01		873.05	868.76
MW 34	1	1761281.2	316498.1	883.67		858.38	849.03
MW 35	3d	1761273.9	316512.3	883.96		828.90	819.56
MW 36	3d	1760540.9	317908.8	870.09		850.97	846.24
MW 37	3s	1760543.9	317904.2	869.95		860.74	856.00
MW 38	3d	1760964.00	317719.32	877.65		846.42	836.74
MW 39	3d	1761249.83	318526.24	879.51		836.29	826.56
MW 40	3s	1761254.51	318528.40	879.51		851.37	841.64
MW 41	3d	1761575.05	318740.73	878.58	878.26[5]	839.63	834.92
MW 42	3s	1761579.24	318742.21	878.54	878.19[5]	854.93	845.20
MW 43	3d	1762141.24	318947.24	876.00		818.86	814.13
MW 44	3s	1762145.28	318948.82	876.02		853.74	844.02
MW 45	3d	1760998.51	318060.78	873.72		833.77	824.04
MW 46	3s	1761002.51	318062.71	873.64		859.63	854.92
MW 47	3s	1760620.47	316995.56	880.27		856.99	852.27
MW 48	3d	1760837.68	317340.18	877.96		838.96	834.25
MW 49	3s	1760839.93	317343.16	877.93		855.69	845.98
MW 50	3d	1762359.73	318367.08	878.27		839.92	835.20
MW 51	3s	1762357.18	318371.66	878.19		855.93	851.20
MW 52	3d	1761696.65	317137.65	882.69		797.11	787.39
MW 53	3d	1761894.20	317087.64	881.43		758.27	748.62
MW 54	3d	1761482.29	316871.62	880.37		820.55	810.82
MW 55	3s	1761482.41	316867.16	880.28		851.42	841.69
MW 56	3d	1760254.76	318422.25	859.32		847.93	838.27
MW 57	3d	1760357.35	318925.21	862.52		842.68	833.38
MW 58	3d	1760809.76	319598.52	861.46		854.35	849.69
MW 59	3s	1761696.70	318223.89	882.00		852.77	848.03

Table 2

Monitoring Well Construction and Surface Water Benchmark Details
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Monitoring Well Location	*Hydro-Geologic Unit*	*Northing* [1]	*Easting* [1]	*Datum El.* [2,3]	*Revised Datum El.* [2,3]	*Screen Top* [2]	*Screen Bottom* [2]
MW 60	3s	1761917.38	317944.64	881.77		847.95	843.24
MW 61	3d	1762477.48	319069.90	876.57		823.11	813.40
MW 62	B	1762498.26	319076.96	876.70		783.65	773.95
MW 63	3s	1762488.77	319074.19	876.53		846.17	841.45
MW 64	3d	1761475.47	319789.86	863.97		853.22	843.56
MW 65	3d	1761484.84	319399.81	864.22		853.47	843.80
MW 66	3d	1761222.31	319634.36	861.67		853.73	844.02
MW 67	3d	1761427.43	318463.83	877.03		835.69	831.02
MW 68	3s	1761420.80	318459.32	876.98		846.75	842.09
MW 69	3d	1760874.10	316649.68	882.08		833.90	829.23
MW 70	3s	1760874.50	316644.87	881.82		849.98	840.32
MW 71	B	1762665.14	317640.98	878.16		761.95	752.31
MW 72	3s	1762672.70	317638.05	877.74		847.86	838.06
MW 73	3d	1762677.33	317644.90	877.96		797.57	787.91
MW 74	B	1760621.78	316817.18	881.10		818.81	809.07
MW 75	3d	1762950.00	318486.45	881.42	882.39[5]	801.31	791.63
MW 76	3s	1762951.84	318492.81	881.11		831.97	822.34
MW 76R-17	3s	1762955.72	318491.34	882.54		832.65	822.65
MW 77	B	1760238.33	319661.11	862.77		851.67	842.04
MW 78	3s	1761873.71	317734.00	882.25		855.48	850.75
MW 79	3s	1761750.49	317811.99	881.92		841.69	836.96
MW 80	3d	1761928.33	319258.30	865.49		841.54	836.84
MW 81	B	1761479.01	319399.60	864.38		839.58	829.88
MW 82	B	1761198.31	317978.59	878.55	879.70[4]	782.27	772.54
MW 83	B	1761260.12	318746.50	876.23		801.58	791.93
MW 84	3s	1761539.65	318105.07	881.95		848.97	844.25
MW 85	3d	1760642.54	319141.95	866.11		851.62	842.11
MW 86	3d	1762422.91	320453.85	859.12		841.15	836.67
MW 87	3d	1761790.75	320918.50	861.51		848.40	843.91
MW 88	3d	1762463.35	319813.49	859.59		829.41	819.91
MW 89-11	3s	1760693.90	317605.91	875.39		865.74	855.74
MW 90-12	1	1762368.16	318146.02	884.31		878.01	873.01
MW91-12	1	1762277.18	318106.74	884.50		877.30	872.30
MW 92-13	3s	1762364.98	318152.94	884.31		853.21	848.21
MW 93-13	3s	1761325.52	318397.91	880.71		848.09	843.09
MW 94-13	3s	1761506.98	318516.06	880.77		843.09	838.09
MW 95-13	3s	1761465.96	318360.70	884.13		856.53	851.53
MW 96-13	3s	1761495.10	318257.10	884.18		854.14	849.14
MW 97-14	3d	1760141.03	319196.24	860.14		849.35	844.35
MW 97R-16	3d	1760065.02	319224.15	864.87		852.54	847.54
MW 98-18	B	1761478.34	319419.65	864.52		816.52	806.52
MW 99-18	B	1761544.64	320973.65	864.84		829.84	819.84
ER-1	1	1761864.90	317412.04	881.93		868.16	858.16
ER-2	1	1761856.43	317394.55	881.96		872.19	862.19
ER-3	1	1761856.37	317361.47	882.09		872.28	862.28

Table 2

Monitoring Well Construction and Surface Water Benchmark Details
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Monitoring Well Location	*Hydro-Geologic Unit*	*Northing* [1]	*Easting* [1]	*Datum El.* [2,3]	*Revised Datum El.* [2,3]	*Screen Top* [2]	*Screen Bottom* [2]
Meadowbrook Golf Course Wells							
MW-1	3d	1759686.91	317622.12	859.18		855.67	847.67
MW-2	3d	1760047.06	319467.27	860.08		857.31	851.31
MW-3	3d	1760956.57	320710.96	862.68		860.06	851.36
MW-4	3d	1760961.86	318774.81	861.67		859.08	839.08
MW-5	3d	1760305.51	320618.11	871.01		866.49	853.49
MW-6	3d	1760511.36	320752.07	868.92		862.30	844.30
MW-7	3d	1760523.65	320689.67	869.69		864.01	844.01
Surface Water							
Culvert 1	3d	1760552.00	319168.00	857.79		NA	NA

Notes:
(1) Coordinates are Indiana State Plane Coordinate System, 1301 East, NAD 83, US Survey Feet.
(2) Elevation based on level survey relative to USGS Monument PID LA1429 = 882.61 NAVD88.
(3) Datum for elevation and depth is marked on top of PVC riser pipe.
(4) Survey revised in 2010
(5) Survey revised in 2017
NA - Not Applicable

Table 3

Groundwater Elevation Data 2022
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

			2-Nov-20		24-Apr-22	
Monitoring Well Location	*Hydro-Geologic Unit*	*Riser Elevation (f NAVD 88)*	*Depth to Water (f btor)*	*Groundwater Elevation (f NAVD 88)*	*Depth to Water (f btor)*	*Groundwater Elevation (f NAVD 88)*
MW 2 R	3s	879.25	17.42	861.83	13.21	866.04
MW 3	3s	880.41	18.75	861.66	14.64	865.77
MW 5	3s	880.54	18.72	861.82	14.61	865.93
MW 6	3s	878.22	15.82	862.40	10.96	867.26
MW 7	3d	878.18	15.75	862.43	11.06	867.12
MW 8	3s	878.41	16.32	862.09	11.76	866.65
MW 12	3i	882.78	20.59	862.19	16.35	866.43
MW 14	3s	881.36	19.8	861.56	15.73	865.63
MW 15	3s	879.67	18.12	861.55	14.12	865.55
MW 16	3s	879.83	16.98	862.85	13.98	865.85
MW 17	3s	879.86	17.01	862.85	14.04	865.82
MW 19	3s	880.75	3.54	877.21	2.07	878.68
MW 21	3s	878.74	16.05	862.69	10.95	867.79
MW 22	3s	879.11	16.41	862.70	11.34	867.77
MW 26	3d	883.09	25.75	857.34	24.2	858.89
MW 27	1	883.04	22.91	860.13	20.78	862.26
MW 28	3d	877.44	19.6	857.84	18.84	858.60
MW 29	3s	877.53	14.98	862.55	13.03	864.50
MW 31R	1	879.71	7.52	872.19	6.47	873.24
MW 36	3d	870.09	10.96	859.13	9.5	860.59
MW 37	3s	869.95	8.4	861.55	6.55	863.40
MW 39	3d	879.51	21.34	858.17	20.33	859.18
MW 40	3s	879.51	21.35	858.16	20.34	859.17
MW 41	3d	878.26	19.97	858.29	18.85	859.41
MW 42	3s	878.19	20.1	858.09	19.06	859.13
MW 45	3d	873.72	14.64	859.08	12.98	860.74
MW 46	3s	873.64	10.93	862.71	8.23	865.41
MW 47	3s	880.27	16.25	864.02	13.43	866.84
MW 48	3d	877.96	16.27	861.69	12.31	865.65
MW 49	3s	877.93	16.13	861.80	12.08	865.85
MW 56	3d	859.32	1.9	857.42	1.74	857.58
MW 57	3d	862.52	5.21	857.31	5.09	857.43
MW 58	3d	861.46	4.26	857.20	4.12	857.34
MW 61	3d	876.57	19.15	857.42	17.84	858.73
MW 62	B	876.70	18.87	857.83	16.8	859.90
MW 63	3s	876.53	18.05	858.48	16.56	859.97
MW 64	3d	863.97	6.62	857.35	6.01	857.96
MW 65	3d	864.22	6.62	857.60	5.98	858.24
MW 66	3d	861.67	4.41	857.26	3.83	857.84
MW 67	3d	877.03	18.91	858.12	17.82	859.21
MW 68	3s	876.98	18.65	858.33	17.43	859.55
MW 74	B	881.10	18.11	862.99	12.92	868.18
MW 75	3d	882.23	22.72	859.51	19.92	862.31
MW 77	B	862.77	5.62	857.15	5.49	857.28
MW 79	3s	881.92	20.69	861.23	17.04	864.88
MW 80	3d	865.49	8.05	857.44	7.25	858.24
MW 81	B	864.38	6.91	857.47	6.22	858.16
MW 82	B	879.70	17.48	862.22	12.71	866.99
MW 83	B	876.23	18.45	857.78	18.07	858.16
MW 84	3s	881.95	19.34	862.61	16.48	865.47
MW 85	3d	866.11	8.75	857.36	8.62	857.49
MW 86	3d	859.12	2.92	856.20	2.02	857.10
MW 87	3d	861.51	4.06	857.45	0.6	860.91
MW 88	3d	859.59	2.85	856.74	1.89	857.70
MW 89-11	3s	875.39	13.84	861.55	9.49	865.90
MW 90-12	1	884.31	10.65	873.66	10.5	873.81
MW91-12	1	884.50	11.05	873.45	10.06	874.44
MW 92-13	3s	884.31	23.54	860.77	20.41	863.90
MW 93-13	3s	880.71	22.41	858.30	21.19	859.52
MW 95-13	3s	884.13	22	862.13	19.27	864.86

Table 3

Groundwater Elevation Data 2022
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

			2-Nov-20		*24-Apr-22*	
Monitoring Well Location	***Hydro-Geologic Unit***	***Riser Elevation (f NAVD 88)***	***Depth to Water (f btor)***	***Groundwater Elevation (f NAVD 88)***	***Depth to Water (f btor)***	***Groundwater Elevation (f NAVD 88)***
MW 96-13	3s	884.18	21.42	862.76	18.77	865.41
MW 97R-16	3d	864.87	7.64	857.23	7.62	857.25
MW 98-18	B	864.52	6.8	857.72	6.17	April
MW 99-18	B	864.84	4.48	860.36	3.77	861.07
Meadowbrook Golf Course Wells						
MW-1	3d	859.18	1.07	858.11	0.4	858.78
MW-2	3d	860.08	2.64	857.44	2.56	857.52
MW-3	3d	862.68	2.41	860.27	1.56	861.12
MW-4	3d	861.67	3.92	857.75	3.52	858.15
MW-7	3d	869.69	9.32	860.37	8.72	860.97

Notes:
(1) btor - below top of riser (i.e., reference elevation).
(2) Elevation based on level survey relative to USGS Monument PID LA1429 = 882.61 NAVD88.
(3) Datum for elevation and depth is marked on top of PVC riser pipe.
(4) Blank table entries indicate that reference location was not installed at the time measurements were taken. A dash (-) indicates that the location was not measured.

Table 4

Sample Key
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location	*Sample Identification*	*Sample Date*	*Time*	*Matrix*	*Sample Type*	*Parent Sample*	*TCL VOCs*
MW-2	GW-050522-SS-043	05/05/22	14:05	GW	N		X
MW 3	GW-042822-SS-019	04/28/22	13:45	GW	N		X
MW 3	GW-042822-SS-020	04/28/22	13:50	GW	FD	GW-042822-SS-019	X
MW-4	GW-050422-SS-037	05/04/22	12:10	GW	N		X
MW-4	GW-050422-SS-038	05/04/22	12:15	GW	FD	GW-050422-SS-037	X
MW-7	GW-050422-SS-035	05/04/22	10:10	GW	N		X
MW 8	GW-042922-SS-023	04/29/22	11:35	GW	N		X
MW 12	GW-050322-SS-032	05/03/22	12:55	GW	N		X
MW 14	GW-042722-SS-014	04/27/22	15:50	GW	N		X
MW 14	GW-042722-SS-015	4/27/2022	15:55	GW	FD	GW-042722-SS-014	X
MW 15	GW-042822-SS-022	4/28/2022	16:15	GW	N		X
MW 16	GW-042822-SS-016	4/28/2022	10:40	GW	N		X
MW 21	GW-042922-SS-024	4/29/2022	12:55	GW	N		X
MW 28	GW-042622-SS-007	4/26/2022	11:40	GW	N		X
MW 31R	GW-042822-SS-021	4/28/2022	14:40	GW	N		X
MW 37	GW-050222-SS-030	5/2/2022	17:05	GW	N		X
MW 40	GW-042622-SS-010	04/26/22	15:35	GW	N		X
MW 41	GW-042622-SS-009	4/26/2022	14:10	GW	N		X
MW 42	GW-042622-SS-008	4/26/2022	13:15	GW	N		X
MW 46	GW-050322-SS-034	05/03/22	16:35	GW	N		X
MW 49	GW-050222-SS-029	05/02/22	15:40	GW	N		X
MW 56	GW-050522-SS-039	5/5/2022	9:35	GW	N		X
MW 57	GW-050522-SS-040	5/5/2022	10:40	GW	N		X
MW 58	GW-050422-SS-036	5/4/2022	11:05	GW	N		X
MW 61	GW-042722-SS-013	04/27/22	13:35	GW	N		X
MW 64	GW-042522-SS-004	04/25/22	16:30	GW	N		X
MW 65	GW-042422-SS-001	04/25/22	12:25	GW	N		X
MW 66	GW-042522-SS-003	04/25/22	14:45	GW	N		X
MW 68	GW-042922-SS-026	04/29/22	16:25	GW	N		X
MW 75	GW-050322-SS-033	05/03/22	15:05	GW	N		X
MW 77	GW-050522-SS-044	05/05/22	15:45	GW	N		X
MW 79	GW-042922-SS-025	04/29/22	14:50	GW	N		X
MW 80	GW-042522-SS-005	04/25/22	17:45	GW	N		X
MW 80	GW-042522-SS-006	04/25/22	17:50	GW	FD	GW-042522-SS-005	X
MW 81	GW-042522-SS-002	04/25/22	13:40	GW	N		X
MW 82	GW-042822-SS-017	04/28/22	11:45	GW	N		X
MW 83	GW-050222-SS-027	05/02/22	11:40	GW	N		X
MW 84	GW-042822-SS-018	04/28/22	12:45	GW	N		X
MW 85	GW-050522-SS-042	05/05/22	13:00	GW	N		X
MW 86	GW-042722-SS-012	04/27/22	11:50	GW	N		X
MW 88	GW-042722-SS-011	04/27/22	10:50	GW	N		X
MW 89-11	GW-050322-SS-031	05/03/22	11:40	GW	N		X
MW 92-13	GW-050222-SS-028	05/02/22	13:45	GW	N		X
MW 97R-16	GW-050522-SS-041	05/05/22	11:40	GW	N		X
Pond Intake	SW-050422-SS-003	05/04/22	13:05	SW	N		X
POND NORTH	SW-050522-SS-002	05/05/22	13:15	SW	N		X
POND NORTH	SW-050522-SS-004	05/05/22	13:20	SW	FD	SW-050522-SS-002	X
IDNR 147395	SW-050322-SS-001	05/03/22	15:45	GW	N		X
Equipment Blank	EB-042622-SS-001	4/26/2022	15:55	EB	EB		X
Equipment Blank	EB-042922-SS-002	4/29/2022	11:50	EB	EB		X
Equipment Blank	EB-050222-SS-003	5/2/2022	11:55	EB	EB		X
Equipment Blank	EB-050522-SS-004	5/5/2022	10:50	EB	EB		X
Trip Blank	TB-042922-SS-001	4/29/2022	16:50	TB	TB		X
Trip Blank	TB-050522-SS-002	5/5/2022	16:15	TB	TB		X

Notes:
X - Sample collected and analyzed at the laboratory for the noted parameter
GW - Groundwater
SW - Surface Water
TB - Trip Blank
EB - Equipment Blank
N - Normal
FD - Field Duplicate
TCL VOCs - Target Compound List Volatile Organic Compounds

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Date	Time (24 hr)	Temperature (^{O}C)	Conductivity (mS/cm)	DO mg/L	Turbidity (NTU)	pH (s.u.)	ORP (mV)
MW-2	5/5/22	13:40:22	11.53	0.990	0.25	27.60	6.92	-62.7
		13:45:27	11.43	0.940	0.19	19.30	6.89	-61.3
		13:50:46	11.41	0.870	0.16	8.68	6.88	-58.1
		13:55:13	11.41	0.830	0.13	5.73	6.85	-55.5
		14:55:13	11.34	0.820	0.10	2.66	6.85	-53.3
MW 3	4/28/22	13:15:24	12.09	0.690	4.80	7.73	7.66	63.4
		13:20:07	11.74	0.710	3.83	3.67	7.52	69.3
		13:25:08	11.70	0.720	3.20	2.78	7.40	73.9
		13:30:21	11.62	0.730	2.60	1.53	7.36	75.1
		13:35:12	11.71	0.740	2.25	1.93	7.35	74.5
		13:40:57	11.65	0.740	2.19	1.42	7.35	74.1
MW-4	5/4/22	11:40:43	11.98	0.880	0.31	13.60	6.99	-48.8
		11:45:31	11.98	0.870	0.12	10.60	6.97	-51.2
		11:50:02	11.89	0.870	0.09	24.20	6.96	-51.8
		11:55:08	11.91	0.870	0.06	21.10	6.95	-52.0
		12:00:06	11.79	0.870	0.05	18.40	6.96	-52.3
		12:05:28	11.81	0.870	0.05	19.20	6.96	-52.1
MW-7	5/4/22	9:15:24	11.54	1.640	0.19	37.90	6.60	-55.7
		9:20:13	11.46	1.640	0.15	31.10	6.63	-57.2
		9:25:27	11.49	1.640	0.12	27.70	6.64	-59.3
		9:30:36	11.45	1.630	0.10	24.10	6.66	-59.9
		9:35:20	11.40	1.620	0.08	20.30	6.68	-61.0
		9:40:16	11.36	1.620	0.07	16.70	6.68	-61.2
		9:45:24	11.35	1.620	0.07	15.90	6.69	-61.1
		9:50:07	11.35	1.620	0.05	13.20	6.68	-60.9
		9:55:11	11.33	1.610	0.05	10.30	6.68	-61.0
		10:00:31	11.37	1.620	0.05	10.40	6.69	-60.7
		10:05:49	11.33	1.610	0.04	9.16	6.69	-60.5
MW 8	4/29/22	11:10:10	10.67	1.640	0.28	23.90	7.20	162.3
		11:15:22	10.63	1.580	0.23	18.50	7.09	167.3
		11:20:26	10.62	1.560	0.20	6.12	7.05	159.2
		11:25:40	10.62	1.540	0.20	3.11	7.06	156.3
		11:30:14	10.63	1.530	0.18	1.87	7.06	152.3
MW 12	5/3/22	12:20:21	15.32	0.850	0.62	11.05	6.93	-19.3
		12:25:43	15.24	0.850	0.34	7.86	6.91	-32.6
		12:30:33	15.28	0.850	0.27	6.58	6.91	-37.3
		12:35:05	15.29	0.850	0.22	7.18	6.91	-41.0
		12:40:42	15.42	0.850	0.18	6.46	6.92	-43.6
		12:45:09	15.42	0.850	0.17	5.99	6.92	-44.5
		12:50:35	15.60	0.860	0.15	5.49	6.92	-46.2
MW 14	4/27/22	15:15:16	12.78	0.780	0.81	37.50	7.45	51.0
		15:20:49	12.79	0.860	0.51	13.30	7.39	44.7
		15:25:41	12.80	0.930	0.34	18.40	7.38	36.6
		15:30:10	12.78	0.990	0.19	6.65	7.39	26.3
		15:35:28	12.65	1.020	0.12	4.23	7.39	17.3
		15:40:14	12.56	1.020	0.09	3.50	7.40	11.5
		15:45:47	12.61	1.020	0.09	3.28	7.40	9.6
MW 15	4/28/22	15:10:09	12.43	0.740	0.31	140.00	7.63	0.0
		15:15:04	12.12	0.740	0.20	110.00	7.52	14.9
		15:20:06	12.07	0.740	0.18	104.00	7.44	22.5
		15:25:04	12.02	0.750	0.22	89.30	7.39	27.2
		15:30:05	11.96	0.780	0.25	78.10	7.35	31.4
		15:35:20	11.91	0.790	0.27	71.50	7.34	33.5
		15:40:25	11.94	0.800	0.29	56.40	7.34	34.7
		15:45:02	11.92	0.820	0.34	47.40	7.33	37.6
		15:50:06	11.96	0.820	0.35	41.60	7.32	37.8
		15:55:02	11.82	0.830	0.41	33.30	7.32	40.0
		16:00:04	11.87	0.830	0.42	23.70	7.30	40.5
		16:05:07	11.80	0.830	0.43	22.50	7.30	40.6
		16:10:24	11.84	0.830	0.43	24.99	7.29	42.4

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	*Date*	*Time (24 hr)*	*Temperature (^{O}C)*	*Conductivity (mS/cm)*	*DO mg/L*	*Turbidity (NTU)*	*pH (s.u.)*	*ORP (mV)*
MW 16	4/28/22	10:15:21	12.09	0.760	0.46	3.00	7.48	198.6
		10:20:05	11.99	0.770	0.35	1.50	7.37	196.5
		10:25:11	11.86	0.780	0.29	1.96	7.32	189.0
		10:30:10	12.02	0.780	0.24	1.62	7.33	182.5
		10:35:58	11.98	0.780	0.26	2.51	7.33	181.6
MW 21	4/29/22	12:20:45	11.28	0.920	0.20	30.40	7.46	-48.2
		12:25:42	11.28	0.910	0.14	17.30	7.32	-40.8
		12:30:19	11.33	0.910	0.12	14.60	7.24	-42.4
		12:35:11	11.29	0.900	0.09	12.10	7.20	-48.5
		12:40:10	11.24	0.900	0.07	9.39	7.19	-52.5
		12:45:29	11.26	0.900	0.06	6.51	7.18	-54.6
		12:50:40	11.26	0.900	0.05	5.32	7.18	-61.9
MW 28	4/26/22	11:00:01	12.01	1.010	0.56	48.01	7.39	19.9
		11:05:12	12.01	1.010	0.29	38.68	7.39	12.1
		11:10:03	12.17	1.000	0.26	41.09	7.42	5.9
		11:15:14	12.30	1.000	0.22	56.28	7.42	-0.2
		11:20:05	12.36	1.000	0.16	8.35	7.46	-4.6
		11:25:04	12.24	0.990	0.16	6.69	7.47	-7.8
		11:30:11	12.42	0.990	0.14	5.99	7.48	-10.4
		11:35:03	12.39	0.990	0.17	4.60	7.49	-11.4
MW 31R	4/28/22	14:10:48	11.02	1.460	0.19	12.20	7.30	-36.8
		14:15:10	10.78	1.450	0.17	8.14	7.24	-39.2
		14:20:06	10.50	1.440	0.13	8.27	7.19	-39.5
		14:25:13	10.70	1.420	0.11	7.70	7.18	-40.8
		14:30:20	10.54	1.420	0.11	6.36	7.18	-41.8
		14:35:23	10.52	1.420	0.11	4.87	7.17	-42.6
MW 37	5/2/22	16:35:20	11.89	0.700	0.17	6.23	7.54	-96.0
		16:40:15	11.98	0.690	0.20	4.77	7.47	-89.9
		16:45:23	11.76	0.690	0.20	4.96	7.43	-89.1
		16:50:04	11.66	0.690	0.21	4.60	7.39	-86.7
		16:55:04	11.54	0.690	0.22	4.36	7.37	-85.3
		17:00:57	11.48	0.690	0.21	3.27	7.35	-83.7
MW 40	4/26/22	14:50:17	13.38	0.810	0.65	224.00	7.60	-25.6
		14:55:23	13.41	0.790	0.68	166.00	7.61	-26.2
		15:00:07	13.42	0.770	0.63	126.00	7.60	-25.3
		15:05:36	13.37	0.900	0.55	38.50	7.61	-27.5
		15:10:00	13.41	0.900	0.45	28.70	7.61	-28.3
		15:15:15	13.39	0.890	0.42	33.40	7.60	-28.0
		15:20:10	13.37	0.890	0.40	23.80	7.61	-27.8
		15:25:34	13.41	0.900	0.39	23.50	7.61	-27.8
		15:30:47		0.900	0.39	25.80	7.61	-27.2
MW 41	4/26/22	13:35:48	12.38	0.810	6.04	188.00	7.77	38.9
		13:40:16	12.76	0.880	9.34	234.00	7.78	-10.0
		13:50:24	12.86	0.970	8.23	141.00	7.84	-21.2
		13:55:42	13.22	0.970	7.50	134.00	7.80	-24.1
		14:00:56	13.08	0.880	7.41	128.00	7.79	-26.3
		14:05:10	13.18	0.880	7.68	124.00	7.80	-27.1
MW 42	4/26/22	12:40:06	12.87	0.970	1.03	144.00	7.57	65.3
		12:45:19	12.93	0.880	1.02	115.00	7.57	60.8
		12:50:33	13.03	0.950	1.09	111.00	7.57	60.0
		12:55:19	13.00	0.890	0.95	88.20	7.58	58.0
		13:00:05	13.01	0.880	0.80	74.50	7.60	54.2
		13:05:28	13.05	0.880	0.78	71.40	7.60	53.1
		13:10:22	13.02	0.870	0.77	68.60	7.61	52.7
MW 46	5/3/22	16:15:06	13.13	0.790	0.52	5.53	6.90	41.6
		16:20:25	12.68	0.780	0.48	3.65	6.78	49.0
		16:25:03	12.47	0.780	0.44	1.97	6.71	53.5
		16:30:12	12.52	0.780	0.46	1.95	6.70	54.7

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Date	Time (24 hr)	Temperature (^{O}C)	Conductivity (mS/cm)	DO mg/L	Turbidity (NTU)	pH (s.u.)	ORP (mV)
MW 49	5/2/22	14:25:23	13.72	0.800	0.49	227.00	7.46	-3.2
		14:30:08	13.77	0.800	0.44	196.00	7.45	-1.8
		14:35:28	13.48	0.760	0.44	148.00	7.43	-1.1
		14:40:03	13.40	0.860	0.48	103.00	7.44	-4.0
		14:45:05	13.46	0.860	0.48	63.60	7.43	-0.4
		14:50:21	13.59	0.860	0.49	61.30	7.44	1.0
		14:55:40	13.36	0.860	0.32	44.30	7.44	-0.5
		15:00:02	13.53	0.860	0.24	26.10	7.44	-0.5
		15:05:15	13.34	0.860	0.20	38.30	7.44	-5.0
		15:10:22	13.46	0.860	0.18	31.10	7.44	-3.1
		15:15:03	13.30	0.870	0.16	21.90	7.43	-2.6
		15:20:18	13.45	0.860	0.24	21.50	7.43	-0.8
		15:25:35	13.32	0.860	0.21	10.30	7.42	1.0
		15:30:05	13.13	0.860	0.22	8.24	7.42	1.3
		15:35:02	13.25	0.860	0.17	8.33	7.42	0.1
MW 56	5/5/22	9:00:57	13.03	0.810	0.25	155.00	7.05	42.5
		9:05:11	12.89	0.810	0.17	93.70	6.97	25.8
		9:10:32	12.76	0.810	0.12	35.50	6.88	-2.1
		9:15:08	12.80	0.810	0.11	12.70	6.86	-14.8
		9:20:22	12.86	0.810	0.09	8.93	6.87	-28.3
		9:25:10	12.81	0.810	0.08	5.78	6.88	-35.0
		9:30:14	12.80	0.810	0.08	4.97	6.88	-40.1
MW 57	5/5/22	10:10:32	10.88	0.850	0.23	19.60	6.83	-4.8
		10:15:02	10.90	0.850	0.19	16.40	6.82	-12.2
		10:20:36	10.82	0.850	0.15	13.30	6.81	-21.5
		10:25:14	10.84	0.850	0.13	12.90	6.81	-26.3
		10:30:10	10.94	0.850	0.12	10.10	6.82	-30.1
		10:35:09	10.85	0.850	0.12	12.20	6.82	-32.0
MW 58	5/4/22	10:45:27	11.63	0.900	0.11	1.94	6.89	-19.6
		10:50:24	11.53	0.900	0.08	1.77	6.86	-17.6
		10:55:12	11.58	0.900	0.06	1.47	6.85	-15.9
		11:00:02	11.56	0.900	0.06	1.26	6.84	-14.6
MW 61	4/27/22	12:45:19	14.81	0.900	0.34	149.00	7.99	-124.6
		12:50:23	14.74	1.110	0.22	155.00	7.92	-126.6
		13:00:11	14.61	1.110	0.12	146.00	7.85	-126.2
		13:05:12	14.54	1.110	0.10	82.40	7.78	-126.2
		13:10:55	14.63	1.110	0.07	54.20	7.63	-126.9
		13:15:20	14.56	1.100	0.07	63.40	7.65	-157.7
		13:20:31	14.49	1.100	0.05	40.40	7.53	-166.9
		13:25:13	14.49	1.100	0.05	33.00	7.52	-170.2
		13:30:31	14.51	1.100	0.05	35.90	7.51	-174.3
MW 64	4/25/22	15:30:13	12.51	0.270	5.81	671.81	7.09	44.3
		15:35:06	12.48	0.280	5.76	464.38	7.02	45.4
		15:40:03	12.51	0.340	4.95	299.77	6.95	47.5
		15:45:07	12.53	0.370	4.18	171.00	6.94	45.2
		15:50:05	12.48	0.400	3.98	106.00	6.93	45.6
		15:55:04	12.49	0.430	3.61	68.70	6.95	44.6
		16:00:13	12.50	0.460	3.09	40.80	6.95	40.1
		16:05:03	12.49	0.480	2.88	28.50	6.97	37.0
		16:10:02	12.49	0.490	2.74	24.70	6.98	35.3
		16:15:01	12.45	0.500	2.65	20.30	6.98	33.8
		16:20:36	12.49	0.510	2.48	18.80	6.98	30.7
		16:25:03	12.51	0.520	2.29	18.50	6.98	29.5
MW 65	4/25/22	11:50:47	12.17	659.270	0.27	40.71	6.81	32.2
		11:55:09	12.08	658.550	0.23	24.82	6.85	27.3
		12:00:05	12.07	660.150	0.25	22.27	6.87	20.5
		12:05:05	12.08	661.550	0.28	10.28	6.90	18.1
		12:10:31	12.11	662.000	0.32	7.31	6.91	15.1
		12:15:16	12.03	662.050	0.34	6.57	6.93	11.2
		12:20:03	12.04	662.410	0.37	4.33	6.92	10.8

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	*Date*	*Time (24 hr)*	*Temperature (^{O}C)*	*Conductivity (mS/cm)*	*DO mg/L*	*Turbidity (NTU)*	*pH (s.u.)*	*ORP (mV)*
MW 66	4/25/22	14:15:41	11.08	0.620	0.19	32.13	6.93	-12.6
		14:20:07	10.89	0.620	0.13	16.66	6.89	-19.7
		14:25:05	10.83	0.620	0.09	13.68	6.76	-23.2
		14:30:35	10.80	0.620	0.07	7.12	6.85	-26.6
		14:35:06	10.78	0.620	0.06	6.00	6.85	-28.1
		14:40:10	10.83	0.620	0.04	4.83	6.83	-28.1
MW 68	4/29/22	15:20:20	13.96	0.890	1.72	16.40	7.37	-103.6
		15:25:04	13.68	0.900	1.60	21.40	7.38	-89.0
		15:30:10	13.73	0.880	2.62	27.50	7.36	-67.3
		15:35:14	13.59	0.900	2.06	27.80	7.35	-51.5
		15:40:04	13.63	0.920	1.45	22.20	7.36	-44.5
		15:45:06	13.68	0.890	2.71	29.60	7.37	-36.0
		15:50:19	13.63	0.900	2.30	25.20	7.37	-30.3
		15:55:31	13.63	0.910	2.02	21.60	7.36	-29.6
		16:00:33	13.61	0.900	2.80	18.40	7.38	-26.0
		16:05:24	13.47	0.910	1.92	15.20	7.37	-25.3
		16:10:06	13.46	0.900	2.37	16.00	7.37	-23.5
		16:15:04	13.45	0.920	1.55	13.90	7.35	-22.3
		16:20:04	13.46	0.910	1.77	13.00	7.35	-20.6
MW 75	5/3/22	13:55:43	16.89	0.250	2.89	342.00	7.34	42.0
		14:00:12	16.63	0.260	3.73	286.00	7.28	38.4
		14:05:53	16.63	0.270	1.81	250.00	7.21	26.1
		14:10:12	16.17	0.270	1.60	213.00	7.18	19.5
		14:15:16	16.16	0.270	1.48	178.00	7.14	13.5
		14:20:28	16.27	0.270	1.44	151.00	7.12	12.1
		14:25:16	16.28	0.340	1.26	139.00	7.05	-7.3
		14:30:06	16.30	0.360	1.11	130.00	7.02	-16.9
		14:35:23	16.38	0.380	0.99	109.00	7.01	-23.7
		14:40:27	16.41	0.380	0.93	108.00	7.01	-27.1
		14:45:19	16.43	0.390	0.84	95.10	7.01	-32.6
		14:50:57	16.52	0.400	0.78	82.60	7.01	-36.5
		14:55:11	16.65	0.400	0.75	85.60	7.02	-38.7
		15:00:03	16.66	0.410	0.69	83.40	7.03	-43.3
MW 77	5/5/22	14:40:28	11.67	0.970	0.32	309.00	6.96	-52.2
		14:45:16	11.68	0.970	0.40	203.00	6.81	-53.0
		14:50:27	11.69	0.970	0.34	157.00	6.86	-54.7
		14:55:39	11.68	0.970	0.33	153.00	6.89	-55.7
		15:05:56	11.99	0.960	1.19	195.00	6.89	-56.3
		15:15:17	11.80	0.970	0.35	126.00	6.97	-57.1
		15:20:11	11.69	0.970	0.30	71.50	6.96	-57.6
		15:25:30	11.65	0.970	0.28	47.30	6.97	57.8
		15:30:52	11.64	0.970	0.25	35.80	6.94	-58.2
		15:35:13	11.61	0.970	0.32	34.70	6.91	-58.3
		15:40:39	11.60	0.970	0.31	33.50	6.93	-58.4
MW 79	4/29/22	14:00:18	14.31	1.010	0.26	30.50	7.48	-125.1
		14:05:47	14.09	1.010	0.19	17.10	7.45	-119.0
		14:10:55	14.11	1.010	0.15	20.50	7.41	-108.4
		14:15:09	14.08	1.010	0.12	20.50	7.39	-104.2
		14:20:57	13.69	1.010	0.10	15.01	7.38	-103.5
		14:25:07	13.76	1.010	0.08	13.45	7.38	-107.3
		14:30:05	14.05	1.010	0.07	10.36	7.37	-106.4
		14:35:27	14.09	1.010	0.07	7.13	7.37	-114.5
		14:40:06	14.19	1.010	0.06	7.37	7.37	-121.6
		14:45:10	14.16	1.010	0.05	4.86	7.38	-118.4

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Date	Time (24 hr)	Temperature (^{O}C)	Conductivity (mS/cm)	DO mg/L	Turbidity (NTU)	pH (s.u.)	ORP (mV)
MW 80	4/25/22	17:00:05	14.30	0.750	0.22	12.00	6.92	-41.7
		17:05:02	14.50	0.750	0.16	13.50	6.90	-59.4
		17:10:06	14.69	0.740	0.16	15.20	6.90	-71.8
		17:15:24	14.76	0.740	0.11	15.10	6.90	-79.8
		17:20:06	14.83	0.730	0.12	13.30	6.90	-81.6
		17:25:02	14.78	0.730	0.07	13.20	6.90	-84.3
		17:30:05	14.96	0.730	0.05	9.60	6.90	-85.3
		17:35:30	14.86	0.730	0.05	8.40	6.90	-86.4
		17:40:18	14.84	0.730	0.04	6.75	6.90	-86.8
MW 81	4/25/22	13:00:10	12.87	0.640	0.15	39.72	6.87	-123.7
		13:05:11	12.93	0.670	0.09	36.92	6.84	-133.3
		13:10:12	12.99	0.670	0.08	27.75	6.84	-140.6
		13:15:47	12.98	0.670	0.07	20.48	6.84	-144.3
		13:20:49	12.98	0.680	0.06	10.50	6.85	-146.4
		13:25:33	12.99	0.680	0.05	11.30	6.85	-143.4
		13:30:11	13.04	0.690	0.05	11.80	6.85	-143.2
		13:35:09	13.01	0.680	0.05	9.62	6.85	-143.5
MW 82	4/28/22	11:10:14	12.42	0.280	0.17	16.60	6.63	57.6
		11:15:16	12.39	0.280	0.14	7.89	6.50	47.9
		11:20:25	12.46	0.280	0.11	9.48	6.45	35.8
		11:25:13	12.63	0.280	0.09	14.40	6.44	25.6
		11:30:45	12.64	0.280	0.09	9.41	6.44	19.0
		11:35:34	12.58	0.280	0.10	11.40	6.44	18.4
		11:40:24	12.62	0.280	0.10	11.00	6.44	17.3
MW 83	5/2/22	10:55:40	13.06	0.720	1.06	32.20	7.55	-27.6
		11:00:01	13.12	0.730	0.49	28.90	7.53	-50.0
		11:05:25	13.07	0.720	0.35	20.40	7.52	-70.5
		11:10:23	13.17	0.700	0.28	12.70	7.45	-82.5
		11:15:11	13.23	0.690	0.25	12.30	7.38	-91.6
		11:20:04	13.10	0.690	0.25	9.68	7.36	-98.1
		11:25:16	13.17	0.690	0.19	6.60	7.34	-101.2
		11:30:34	13.17	0.690	0.19	6.96	7.33	-104.6
		11:35:19	13.18	0.690	0.18	4.47	7.33	-105.0
MW 84	4/28/22	12:10:39	12.52	0.780	1.13	13.20	7.44	52.6
		12:15:09	12.56	0.810	0.66	10.60	7.42	50.6
		12:20:03	13.10	0.810	0.66	9.14	7.44	49.9
		12:25:04	12.92	0.840	0.42	7.98	7.46	48.2
		12:30:16	12.82	0.850	0.31	6.47	7.48	46.7
		12:35:12	12.79	0.850	0.26	1.58	7.48	46.0
		12:40:43	12.82	0.850	0.26	4.58	7.49	45.8
MW 85	5/5/22	12:05:18	12.91	0.960	0.26	353.00	6.88	-51.9
		12:10:43	12.81	0.960	0.19	184.00	6.89	-57.4
		12:15:02	12.78	0.960	0.16	84.20	6.89	-59.7
		12:20:46	12.69	0.960	0.13	84.00	6.89	-61.6
		12:25:28	12.70	0.960	0.11	70.70	6.91	-62.7
		12:30:57	12.71	0.960	0.09	35.60	6.89	-63.3
		12:35:47	12.70	0.960	0.09	30.30	6.90	-63.7
		12:40:01	12.71	0.960	0.08	27.90	6.92	-63.8
		12:45:20	12.68	0.960	0.07	21.00	6.92	-64.1
		12:50:39	12.68	0.960	0.07	22.20	6.91	-64.2
		12:55:11	12.70	0.960	0.07	23.60	6.92	-64.0
MW 86	4/27/22	11:15:24	11.84	1.310	1.97	118.00	7.49	24.6
		11:20:33	11.86	1.310	2.36	98.50	7.49	17.6
		11:25:15	11.96	1.300	2.66	84.50	7.50	13.9
		11:30:27	12.00	1.300	2.52	87.10	7.47	11.4
		11:35:21	12.04	1.290	2.37	60.90	7.45	10.2
		11:40:20	12.06	1.290	2.39	62.80	7.49	8.7
		11:45:09	12.08	1.290	2.23	60.40	7.49	7.9

Table 5

Well Stabilization Parameters
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	*Date*	*Time (24 hr)*	*Temperature (^{O}C)*	*Conductivity (mS/cm)*	*DO mg/L*	*Turbidity (NTU)*	*pH (s.u.)*	*ORP (mV)*
MW 88	4/27/22	10:10:54	13.99	1.200	0.40	187.00	7.45	108.5
		10:15:06	14.04	1.180	0.44	88.40	7.48	79.3
		10:20:24	13.99	1.180	0.39	45.60	7.49	60.4
		10:25:11	14.08	1.180	0.37	39.40	7.50	45.6
		10:30:18	14.02	1.180	0.27	26.00	7.51	23.2
		10:35:50	14.22	1.180	0.22	20.50	7.52	11.5
		10:40:36	14.19	1.190	0.18	19.50	7.53	3.4
		10:45:57	14.18	1.190	0.18	22.60	7.52	2.1
MW89-11	5/3/22	10:55:51	10.76	1.200	0.65	214.00	6.61	181.9
		11:00:02	10.82	1.200	0.65	155.00	6.62	169.7
		11:05:25	10.81	1.190	0.63	72.30	6.63	159.6
		11:10:05	10.84	1.190	0.61	43.50	6.63	149.7
		11:15:05	10.78	1.190	0.61	42.90	6.63	141.2
		11:20:53	10.80	1.180	0.68	39.40	6.64	133.7
		11:25:04	10.79	1.180	0.62	30.40	6.64	130.7
		11:30:18	10.76	1.180	0.63	9.97	6.65	126.5
		11:35:03	10.83	1.170	0.61	4.83	6.66	123.5
MW92-13	5/2/22	13:05:14	13.86	0.910	0.42	61.50	7.51	12.3
		13:10:25	13.85	0.850	0.27	26.90	7.48	8.2
		13:15:17	13.84	0.900	0.22	23.30	7.46	3.6
		13:20:12	13.72	0.890	0.23	20.60	7.41	-0.4
		13:25:21	13.59	0.890	0.19	21.30	7.41	-3.2
		13:30:26	13.62	0.890	0.18	14.40	7.42	-4.4
		13:35:11	13.58	0.890	0.17	18.00	7.44	-5.1
		13:40:03	13.56	0.890	0.16	14.00	7.39	-6.1
MW97R-16	5/5/22	11:05:18	11.37	0.990	0.34	56.80	6.76	10.6
		11:10:10	11.17	1.000	0.22	49.30	6.70	-5.3
		11:15:04	11.12	0.950	0.18	28.90	6.68	-22.0
		11:20:35	11.11	1.020	0.16	24.70	6.67	-30.2
		11:25:23	11.09	1.030	0.12	31.00	6.66	-35.6
		11:30:30	11.01	1.030	0.13	29.60	6.67	-40.1
		11:35:17	11.05	1.030	0.12	32.50	6.67	-43.1

Notes:

mg/L	milligram per litre
mS/cm	millisiemens per centimetre
mV	millivolts
s.u.	Standard Units
^{o}C	degrees Celsius
NTU	Nephelometric Turbidity Units

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW-2**	**MW-4**	**MW-4**	**MW-7**	**MW 3**	**MW 3**
Sample ID:		**GW-050522-SS-043**	**GW-050422-SS-037**	**GW-050422-SS-038**	**GW-050422-SS-035**	**GW-042822-SS-019**	**GW-042822-SS-020**
Sample Date:		**05/05/2022**	**05/04/2022**	**05/04/2022**	**05/04/2022**	**04/28/2022**	**04/28/2022**
Geologic Unit:		**3d**	**3d**	**3d (Duplicate)**	**3d**	**3s**	**3s (Duplicate)**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.01 U	1 U	2.5 U	0.01 U	4 U	4 U
Benzene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Bromodichloromethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Bromoform	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	1 U	2.5 U	0.01 U	4 U	4 U
Carbon disulfide	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Carbon tetrachloride	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Chlorobenzene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Chloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Dibromochloromethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
1,1-Dichloroethane	mg/L	0.001 U	0.13	0.14 J	0.001 U	0.27 J	0.26 J
1,2-Dichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
1,1-Dichloroethene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
cis-1,2-Dichloroethene	mg/L	0.001 U	5.9	5.6	0.001 U	5.5	5.7
trans-1,2-Dichloroethene	mg/L	0.001 U	0.1	0.25 U	0.001 U	0.4 U	0.4 U
1,2-Dichloropropane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Ethylbenzene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
2-Hexanone	mg/L	0.01 U	1 U	2.5 U	0.01 U	4 U	4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	1 U	2.5 U	0.01 U	4 U	4 U
Methylene chloride	mg/L	0.005 U	0.5 U	1.3 U	0.005 U	2 U	2 U
Styrene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Tetrachloroethene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Toluene	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4	0.39 J
1,1,2-Trichloroethane	mg/L	0.001 U	0.1 U	0.25 U	0.001 U	0.4 U	0.4 U
Trichloroethene	mg/L	0.001 U	0.66	0.75	0.001 U	14	14
Vinyl chloride	mg/L	0.001 U	0.38	0.35	0.001 U	0.4 U	0.4 U
Xylenes (total)	mg/L	0.002 U	0.2 U	0.5 U	0.002 U	0.8 U	0.8 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW 8**	**MW 12**	**MW 14**	**MW 14**	**MW 15**	**MW 16**
Sample ID:		**GW-042922-SS-023**	**GW-050322-SS-032**	**GW-042722-SS-014**	**GW-042722-SS-015**	**GW-042822-SS-022**	**GW-042822-SS-016**
Sample Date:		**04/29/2022**	**05/03/2022**	**04/27/2022**	**04/27/2022**	**04/28/2022**	**04/28/2022**
Geologic Unit:		**3s**	**3i**	**3s**	**3s (Duplicate)**	**3s**	**3s**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.4 U	0.01 U	1.3 U	1.3 U	4 U	1 U
Benzene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Bromodichloromethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Bromoform	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Bromomethane (Methyl bromide)	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.4 U	0.01 U	1.3 U	1.3 U	4 U	1 U
Carbon disulfide	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Carbon tetrachloride	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Chlorobenzene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Chloroethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Chloroform (Trichloromethane)	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Chloromethane (Methyl chloride)	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Dibromochloromethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
1,1-Dichloroethane	mg/L	0.13	0.00053 J	0.13 U	0.13 U	0.4 U	0.1 U
1,2-Dichloroethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
1,1-Dichloroethene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
cis-1,2-Dichloroethene	mg/L	0.95	0.056	3.2	3.2	11	2.5
trans-1,2-Dichloroethene	mg/L	0.04 U	0.00079 J	0.13 U	0.13 U	0.4 U	0.1 U
1,2-Dichloropropane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
cis-1,3-Dichloropropene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
trans-1,3-Dichloropropene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Ethylbenzene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
2-Hexanone	mg/L	0.4 U	0.01 U	1.3 U	1.3 U	4 U	1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.4 U	0.01 U	1.3 U	1.3 U	4 U	1 U
Methylene chloride	mg/L	0.2 U	0.005 U	0.63 U	0.63 U	2 U	0.5 U
Styrene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
1,1,2,2-Tetrachloroethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Tetrachloroethene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Toluene	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
1,1,1-Trichloroethane	mg/L	0.12	0.001 U	0.13 U	0.13 U	0.31 J	0.12
1,1,2-Trichloroethane	mg/L	0.04 U	0.001 U	0.13 U	0.13 U	0.4 U	0.1 U
Trichloroethene	mg/L	0.41	0.001 U	0.13 U	0.13 U	7.1	1.9
Vinyl chloride	mg/L	0.32	0.001 U	0.13	0.12 J	0.4 U	0.1 U
Xylenes (total)	mg/L	0.08 U	0.002 U	0.25 U	0.25 U	0.8 U	0.2 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW 21**	**MW 28**	**MW 31R**	**MW 37**	**MW 40**	**MW 41**
Sample ID:		**GW-042922-SS-024**	**GW-042622-SS-007**	**GW-042822-SS-021**	**GW-050222-SS-030**	**GW-042622-SS-010**	**GW-042622-SS-009**
Sample Date:		**04/29/2022**	**04/26/2022**	**04/28/2022**	**05/02/2022**	**04/26/2022**	**04/26/2022**
Geologic Unit:		**3s**	**3d**	**1**	**3s**	**3s**	**3d**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.01 U	0.8 U	10 U	0.01 U	2 U	1 U
Benzene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Bromodichloromethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Bromoform	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.8 U	10 U	0.01 U	2 U	1 U
Carbon disulfide	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Carbon tetrachloride	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Chlorobenzene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Chloroethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Dibromochloromethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
1,1-Dichloroethane	mg/L	0.001 U	0.08 U	1.1	0.001 U	0.097 J	0.1 U
1,2-Dichloroethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
1,1-Dichloroethene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
cis-1,2-Dichloroethene	mg/L	0.001 U	2.1	66	0.001 U	4.5	2.9
trans-1,2-Dichloroethene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
1,2-Dichloropropane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Ethylbenzene	mg/L	0.001 U	0.08 U	0.62 J	0.001 U	0.2 U	0.1 U
2-Hexanone	mg/L	0.01 U	0.8 U	10 U	0.01 U	2 U	1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.8 U	10 U	0.01 U	2 U	1 U
Methylene chloride	mg/L	0.005 U	0.4 U	5 U	0.005 U	1 U	0.5 U
Styrene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Tetrachloroethene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Toluene	mg/L	0.001 U	0.08 U	4.2	0.001 U	0.2 U	0.1 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.2 U	0.1 U
Trichloroethene	mg/L	0.001 U	0.08 U	1 U	0.001 U	0.17 J	0.1 U
Vinyl chloride	mg/L	0.001 U	0.22	6.7	0.001 U	0.28	0.16
Xylenes (total)	mg/L	0.002 U	0.16 U	2.4	0.002 U	0.4 U	0.2 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW 42**	**MW 46**	**MW 49**	**MW 56**	**MW 57**	**MW 58**
Sample ID:		**GW-042622-SS-008**	**GW-050322-SS-034**	**GW-050222-SS-029**	**GW-050522-SS-039**	**GW-050522-SS-040**	**GW-050422-SS-036**
Sample Date:		**04/26/2022**	**05/03/2022**	**05/02/2022**	**05/05/2022**	**05/05/2022**	**05/04/2022**
Geologic Unit:		**3s**	**3s**	**3s**	**3d**	**3d**	**3d**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	1 U	0.01 U	0.1 U	0.01 U	0.4 U	0.5 U
Benzene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Bromodichloromethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Bromoform	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1 U	0.01 U	0.1 U	0.01 U	0.4 U	0.5 U
Carbon disulfide	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Carbon tetrachloride	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Chlorobenzene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Chloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Chloroform (Trichloromethane)	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Dibromochloromethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
1,1-Dichloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.067
1,2-Dichloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
1,1-Dichloroethene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
cis-1,2-Dichloroethene	mg/L	3.2	0.001 U	0.43	0.001 U	0.04 U	2.5
trans-1,2-Dichloroethene	mg/L	0.15	0.001 U	0.015	0.001 U	0.04 U	0.14
1,2-Dichloropropane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
cis-1,3-Dichloropropene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
trans-1,3-Dichloropropene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Ethylbenzene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
2-Hexanone	mg/L	1 U	0.01 U	0.1 U	0.01 U	0.4 U	0.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1 U	0.01 U	0.1 U	0.01 U	0.4 U	0.5 U
Methylene chloride	mg/L	0.5 U	0.005 U	0.05 U	0.005 U	0.2 U	0.25 U
Styrene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Tetrachloroethene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Toluene	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
1,1,1-Trichloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
1,1,2-Trichloroethane	mg/L	0.1 U	0.001 U	0.01 U	0.001 U	0.04 U	0.05 U
Trichloroethene	mg/L	0.1 U	0.001 U	0.088	0.001 U	0.04 U	0.05 U
Vinyl chloride	mg/L	0.052 J	0.001 U	0.01 U	0.001 U	0.73	0.034 J
Xylenes (total)	mg/L	0.2 U	0.002 U	0.02 U	0.002 U	0.08 U	0.1 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW 61**	**MW 64**	**MW 65**	**MW 66**	**MW 68**	**MW 75**
Sample ID:		**GW-042722-SS-013**	**GW-042522-SS-004**	**GW-042522-SS-001**	**GW-042522-SS-003**	**GW-042922-SS-026**	**GW-050322-SS-033**
Sample Date:		**04/27/2022**	**04/25/2022**	**04/25/2022**	**04/25/2022**	**04/29/2022**	**05/03/2022**
Geologic Unit:		**3d**	**3d**	**3d**	**3d**	**3s**	**3d**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.01 U	0.01 U	0.01 U	1 U	1 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	1 U	1 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.0012	0.1 U	0.1 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.0005 J	0.001 U	0.1 U	0.094 J	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.009	0.0035	2	3.2	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.00079 J	0.001 U	0.077 J	0.11	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	1 U	1 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	1 U	1 U	0.01 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.5 U	0.5 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.1 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.97	0.001 U
Vinyl chloride	mg/L	0.00062 J	0.054	0.001 U	0.1 U	0.11	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.2 U	0.2 U	0.002 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
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Anderson, Indiana

Sample Location:		**MW 77**	**MW 79**	**MW 80**	**MW 80**	**MW 81**	**MW 82**
Sample ID:		**GW-050522-SS-044**	**GW-042922-SS-025**	**GW-042522-SS-005**	**GW-042522-SS-006**	**GW-042522-SS-002**	**GW-042822-SS-017**
Sample Date:		**05/05/2022**	**04/29/2022**	**04/25/2022**	**04/25/2022**	**04/25/2022**	**04/28/2022**
Geologic Unit:		**B**	**3s**	**3d**	**3d (Duplicate)**	**B**	**B**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.01 U	1 U	0.04 U	0.04 U	0.01 U	0.022
Benzene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.00021 J	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.0019 J	1 U	0.04 U	0.04 U	0.01 U	0.0029 J
Carbon disulfide	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.00054 J	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.00058 J	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	2.1	0.0064	0.007	0.028	0.00067 J
trans-1,2-Dichloroethene	mg/L	0.001 U	0.063 J	0.004 U	0.004 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	1 U	0.04 U	0.04 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	1 U	0.04 U	0.04 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.005 U	0.5 U	0.02 U	0.02 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.1 U	0.004 U	0.004 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.41	0.15	0.16	0.039	0.001 U
Xylenes (total)	mg/L	0.002 U	0.2 U	0.008 U	0.008 U	0.002 U	0.002 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW 83**	**MW 84**	**MW 85**	**MW 86**	**MW 88**	**MW89-11**
Sample ID:		**GW-050222-SS-027**	**GW-042822-SS-018**	**GW-050522-SS-042**	**GW-042722-SS-012**	**GW-042722-SS-011**	**GW-050322-SS-031**
Sample Date:		**05/02/2022**	**04/28/2022**	**05/05/2022**	**04/27/2022**	**04/27/2022**	**05/03/2022**
Geologic Unit:		**B**	**3s**	**3d**	**3d**	**3d**	**3s**
Parameters	**Unit**						
Volatile Organic Compounds							
Acetone	mg/L	0.01 U	0.01 U	1 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	1 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.18	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	5.2	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.17	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	1 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	1 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.5 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.00098 J
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.1 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.017	0.001 U	0.25	0.001 U	0.0067	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.2 U	0.002 U	0.002 U	0.002 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 6

Summary of Groundwater Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**MW92-13**	**MW97R-16**
Sample ID:		**GW-050222-SS-028**	**GW-050522-SS-041**
Sample Date:		**05/02/2022**	**05/05/2022**
Geologic Unit:		**3s**	**3d**
Parameters	**Unit**		
Volatile Organic Compounds			
Acetone	mg/L	0.01 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.00096 J	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U
Methylene chloride	mg/L	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U

Notes:
mg/L - milligram per litre
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 7

Summary of Surface Water Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**Pond Intake**	**Pond North**	**Pond North**
Sample ID:		**SW-050422-SS-003**	**SW-050522-SS-002**	**SW-050522-SS-004**
Sample Date:		**05/04/2022**	**05/05/2022**	**05/05/2022 (Duplicate)**
Parameters	**Unit**			
Volatile Organic Compounds				
Acetone	mg/L	0.01 U	0.02 U	0.02 U
Benzene	mg/L	0.001 U	0.002 U	0.002 U
Bromodichloromethane	mg/L	0.001 U	0.002 U	0.002 U
Bromoform	mg/L	0.001 U	0.002 U	0.002 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.002 U	0.002 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.02 U	0.02 U
Carbon disulfide	mg/L	0.001 U	0.002 U	0.002 U
Carbon tetrachloride	mg/L	0.001 U	0.002 U	0.002 U
Chlorobenzene	mg/L	0.001 U	0.002 U	0.002 U
Chloroethane	mg/L	0.001 U	0.002 U	0.002 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.002 U	0.002 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.002 U	0.002 U
1,1-Dichloroethane	mg/L	0.0027	0.0042	0.0041
1,2-Dichloroethane	mg/L	0.001 U	0.002 U	0.002 U
1,1-Dichloroethene	mg/L	0.001 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	mg/L	0.067	0.1	0.1
trans-1,2-Dichloroethene	mg/L	0.0025	0.004	0.004
1,2-Dichloropropane	mg/L	0.001 U	0.002 U	0.002 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.002 U	0.002 U
Ethylbenzene	mg/L	0.001 U	0.002 U	0.002 U
2-Hexanone	mg/L	0.01 U	0.02 U	0.02 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.02 U	0.02 U
Methylene chloride	mg/L	0.005 U	0.01 U	0.01 U
Styrene	mg/L	0.001 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.002 U	0.002 U
Tetrachloroethene	mg/L	0.001 U	0.002 U	0.002 U
Toluene	mg/L	0.001 U	0.002 U	0.002 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.002 U	0.002 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.002 U	0.002 U
Trichloroethene	mg/L	0.001 U	0.002 U	0.002 U
Vinyl chloride	mg/L	0.0061	0.0073	0.0072
Xylenes (total)	mg/L	0.002 U	0.004 U	0.004 U

Notes:
mg/L - milligram per litre
U - Not detected at the associated reporting limit

Table 8

Summary of Water Well IDNR 147395 Analytical Data - VOCs
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Sample Location:		**IDNR 147395**
Sample ID:		**SW-050322-SS-001**
Sample Date:		**05/03/2022**
Parameters	**Unit**	
Volatile Organic Compounds		
Acetone	mg/L	0.01 U
Benzene	mg/L	0.001 U
Bromodichloromethane	mg/L	0.001 U
Bromoform	mg/L	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U
Carbon disulfide	mg/L	0.001 U
Carbon tetrachloride	mg/L	0.001 U
Chlorobenzene	mg/L	0.001 U
Chloroethane	mg/L	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U
Dibromochloromethane	mg/L	0.001 U
1,1-Dichloroethane	mg/L	0.001 U
1,2-Dichloroethane	mg/L	0.001 U
1,1-Dichloroethene	mg/L	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U
1,2-Dichloropropane	mg/L	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U
Ethylbenzene	mg/L	0.001 U
2-Hexanone	mg/L	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U
Methylene chloride	mg/L	0.005 U
Styrene	mg/L	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U
Tetrachloroethene	mg/L	0.001 U
Toluene	mg/L	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U
Trichloroethene	mg/L	0.001 U
Vinyl chloride	mg/L	0.001 U
Xylenes (total)	mg/L	0.002 U

Notes:
mg/L - milligram per litre
U - Not detected at the associated reporting limit

Table 9

Trend Test Summary
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Hydro-Geologic Unit	Plume Position	Date Range	Analyte		
				TCE	cis-1,2-DCE	Vinyl chloride
MW-2	3d	WWTP, Margin	2007 -- 2022	--	--	--
MW 3	3s	AOC 1, Source	2005 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing [1]
MW-4	3d	WWTP, Tail	2005 -- 2022	**Increasing** [1]	NT or Decreasing	NT or Decreasing
MW-7	3d	WWTP, Margin	2012 -- 2022	--	--	--
MW 8	3s	AOC 1, Source	2005 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 12	3i	AOC 1, Tail	2005 -- 2022	NT or Decreasing [1]	NT or Decreasing	--
MW 14	3s	AOC 1, Tail	2005 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 15 [2][3]	3s	AOC 1, Source	2005 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 16	3s	AOC 1, Margin	2005 -- 2022	--	--	--
MW 21 [2]	3s	AOC 1, Margin	2005 -- 2022	--	--	--
MW 28	3d	WWTP, Tail	2005 -- 2022	--	**Increasing** [1]	**Increasing**
MW 31R	1	AOC 1, Source	2005 -- 2022	NT or Decreasing [1]	**Increasing**	NT or Decreasing
MW 37	3s	AOC 1, Margin	2005 -- 2022	--	--	--
MW 40	3s	WWTP, Source	2005 -- 2022	**Increasing** [1]	NT or Decreasing	NT or Decreasing
MW 41	3d	WWTP, Source	2005 -- 2022	--	NT or Decreasing	**Increasing**
MW 42	3s	WWTP, Source	2005 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 46	3s	AOC 1, Margin	2005 -- 2022	--	--	--
MW 49	3s	AOC 1, Tail	2005 -- 2022	--	**Increasing**	NT or Decreasing [1]
MW 51	3s	AOC 1, Tail	2008 -- 2019	NT or Decreasing	**Increasing**	**Increasing** [1]
MW 56	3d	WWTP, Margin	2005 -- 2022	--	--	--
MW 57	3d	WWTP, Margin	2005 -- 2022	--	--	--
MW 58	3d	WWTP, Margin	2005 -- 2022	--	--	**Increasing**
MW 61	3d	WWTP, Margin	2005 -- 2022	--	--	--
MW 64	3d	WWTP, Margin	2005 -- 2022	--	--	**Increasing**
MW 65	3d	WWTP, Margin	2005 -- 2022	--	NT or Decreasing	NT or Decreasing [1]
MW 66	3d	WWTP, Tail	2005 -- 2022	--	**Increasing** [1]	**Increasing**
MW 68	3s	WWTP, Source	2005 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 75	3d	AOC 1, Margin	2005 -- 2022	--	--	--
MW 76/MW 76R-17	3s	AOC 1, Margin	2005 -- 2020	--	--	--
MW 79	3s	AOC 1, Tail	2005 -- 2022	--	**Increasing**	**Increasing**
MW 80	3d	WWTP, Margin	2005 -- 2022	--	--	NT or Decreasing
MW 81	B	WWTP, Margin	2005 -- 2022	--	NT or Decreasing [1]	**Increasing**
MW 82	B	AOC 1, Margin	2005 -- 2022	--	--	--
MW 83	B	WWTP, Margin	2005 -- 2022	--	--	**Increasing** [1]
MW 84	3S	WWTP, Margin	2005 -- 2022	--	--	--
MW 85	3d	WWTP, Tail	2008 -- 2022	--	**Increasing**	NT or Decreasing
MW 86	3d	WWTP, Tail	2010 -- 2022	--	--	--
MW 88	3d	WWTP, Tail	2010 -- 2022	--	--	**Increasing** [1]
MW 89-11	3s	AOC 1, Tail	2011 -- 2022	--	--	--
MW97R-16	3d	WWTP, Margin	2016 -- 2022	--	--	--
Pond Intake	Surface Water	Surface Water	2005 -- 2022	--	**Increasing** [1]	**Increasing** [1]
Pond North	Surface Water	Surface Water	2005 -- 2022	--	**Increasing** [1]	**Increasing** [1]

Notes:

[1] Tend test was calculated using detected values only, due to elevated detection limits for non-detects or due to detection frequency close to 75 percent.

[2] Due to changes in sampling frequency, earlier sampling events were excluded from the Mann-Kendall trend test to provide a consistent sampling interval corresponding to current program.

[3] Due a gap in the montirong record, the assumption of data equally spaced through time was not met. Therefore supplementary tests were performed (see text for details).

[4] Non-detect during 2018 (two events), but reporting limit is above previous detected values. Trend prior to the current year was NT or Decreasing

[5] Non-detect during 2018 (two events), but reporting limit is above previous detected values. Trend prior to the current year was Increasing

-- Trend test not performed due to infrequent detections (i.e., fewer than 75 percent detects).

NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found. Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan, a 1-sided test is performed).

Table 10

Trend Test Summary - Recent Period
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Hydro-Geologic Unit	Plume Position	Date Range	Analyte		
				TCE	cis-1,2-DCE	Vinyl chloride
MW-2	3d	WWTP, Margin	2013 -- 2022	--	--	--
MW 3	3s	AOC 1, Source	2016 -- 2022	NT or Decreasing	NT or Decreasing	--
MW-4	3d	WWTP, Tail	2016 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW-7	3d	WWTP, Margin	2017 -- 2022	--	--	--
MW 8	3s	AOC 1, Source	2016 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 12	3i	AOC 1, Tail	2016 -- 2022	--	NT or Decreasing	--
MW 14	3s	AOC 1, Tail	2016 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 15	3s	AOC 1, Source	2013 -- 2022	NT or Decreasing	NT or Decreasing	--
MW 16	3s	AOC 1, Margin	2014 -- 2022	--	--	--
MW 21	3s	AOC 1, Margin	2015 -- 2022	--	--	--
MW 28	3d	WWTP, Tail	2016 -- 2022	--	**Increasing**	NT or Decreasing
MW 31R	1	AOC 1, Source	2016 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 37	3s	AOC 1, Margin	2013 -- 2022	--	--	--
MW 40	3s	WWTP, Source	2016 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 41	3d	WWTP, Source	2016 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 42	3s	WWTP, Source	2016 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 46	3s	AOC 1, Margin	2014 -- 2022	--	--	--
MW 49	3s	AOC 1, Tail	2018 -- 2022	--	NT or Decreasing	--
MW 51	3s	AOC 1, Tail	2016 -- 2019	NT or Decreasing	**Increasing**	NT or Decreasing
MW 56	3d	WWTP, Margin	2013 -- 2022	--	--	--
MW 57	3d	WWTP, Margin	2013 -- 2022	--	--	**Increasing**
MW 58	3d	WWTP, Margin	2013 -- 2022	--	**Increasing**	NT or Decreasing
MW 61	3d	WWTP, Margin	2013 -- 2022	--	--	NT or Decreasing
MW 64	3d	WWTP, Margin	2013 -- 2022	--	NT or Decreasing	**Increasing**
MW 65	3d	WWTP, Margin	2013 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 66	3d	WWTP, Tail	2016 -- 2022	--	NT or Decreasing	NT or Decreasing [(1)]
MW 68	3s	WWTP, Source	2016 -- 2022	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 75	3d	AOC 1, Margin	2013 -- 2022	--	--	--
MW 76/MW 76R-17	3s	AOC 1, Margin	2013 -- 2020	--	**Increasing**	--
MW 79	3s	AOC 1, Tail	2016 -- 2022	--	NT or Decreasing	**Increasing**
MW 80	3d	WWTP, Margin	2013 -- 2022	--	NT or Decreasing	**Increasing**
MW 81	B	WWTP, Margin	2013 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 82	B	AOC 1, Margin	2013 -- 2022	--	--	--
MW 83	B	WWTP, Margin	2013 -- 2022	--	--	**Increasing**
MW 84	3S	WWTP, Margin	2014 -- 2022	--	--	--
MW 85	3d	WWTP, Tail	2016 -- 2022	--	NT or Decreasing	NT or Decreasing
MW 86	3d	WWTP, Tail	2013 -- 2022	--	--	--
MW 88	3d	WWTP, Tail	2013 -- 2022	--	--	**Increasing**
MW 89-11	3s	AOC 1, Tail	2016 -- 2022	--	--	--
MW97R-16	3d	WWTP, Margin	2016 -- 2022	--	--	--
Pond Intake	Surface Water	Surface Water	2017 -- 2022	--	NT or Decreasing	NT or Decreasing
Pond North	Surface Water	Surface Water	2017 -- 2022	--	NT or Decreasing	NT or Decreasing

Notes:

[(1)] Two observations (0.2 U mg/L in April and October 2018) was excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.

-- Trend test not performed due to infrequent detections (i.e., fewer than 75 percent detects).

NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found. Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan, a 1-sided test is performed).

Appendices

Appendix A

Laboratory Certificates of Analysis

ANALYTICAL REPORT

Job Number: 240-165834-1

Job Description: 11209506, MLK - Anderson, IN

For:
GHD Services Inc.
26850 Haggerty Rd.
Farmington Hills, MI 48331

Attention: Ms. Ruth Mickle

Approved for release.
Denise D Heckler
Project Manager II
5/10/2022 9:17 AM

Denise D Heckler, Project Manager II
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05/10/2022

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Definitions/Glossary

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Qualifiers

GC/MS VOA

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.
¤	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
240-165834-1

Comments
No additional comments.

Receipt
The samples were received on 4/30/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

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

Detection Summary

Client: GHD Services Inc.
Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-042522-SS-001 — Lab Sample ID: 240-165834-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2		1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.5		1.0	0.46	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042522-SS-002 — Lab Sample ID: 240-165834-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	J	1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	28		1.0	0.46	ug/L	1		8260D	Total/NA
Vinyl chloride	39		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042522-SS-003 — Lab Sample ID: 240-165834-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2000		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	77	J	100	51	ug/L	100		8260D	Total/NA

Client Sample ID: GW-042522-SS-004 — Lab Sample ID: 240-165834-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.50	J	1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.0		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.79	J	1.0	0.51	ug/L	1		8260D	Total/NA
Vinyl chloride	54		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042522-SS-005 — Lab Sample ID: 240-165834-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.4		4.0	1.8	ug/L	4		8260D	Total/NA
Vinyl chloride	150		4.0	1.8	ug/L	4		8260D	Total/NA

Client Sample ID: GW-042522-SS-006 — Lab Sample ID: 240-165834-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		4.0	1.8	ug/L	4		8260D	Total/NA
Vinyl chloride	160		4.0	1.8	ug/L	4		8260D	Total/NA

Client Sample ID: GW-042622-SS-007 — Lab Sample ID: 240-165834-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2100		80	37	ug/L	80		8260D	Total/NA
Vinyl chloride	220		80	36	ug/L	80		8260D	Total/NA

Client Sample ID: GW-042622-SS-008 — Lab Sample ID: 240-165834-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3200		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	150		100	51	ug/L	100		8260D	Total/NA
Vinyl chloride	52	J	100	45	ug/L	100		8260D	Total/NA

Client Sample ID: GW-042622-SS-009 — Lab Sample ID: 240-165834-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2900		100	46	ug/L	100		8260D	Total/NA
Vinyl chloride	160		100	45	ug/L	100		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-042622-SS-010 — Lab Sample ID: 240-165834-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	97	J	200	94	ug/L	200		8260D	Total/NA
cis-1,2-Dichloroethene	4500		200	92	ug/L	200		8260D	Total/NA
Trichloroethene	170	J	200	88	ug/L	200		8260D	Total/NA
Vinyl chloride	280		200	90	ug/L	200		8260D	Total/NA

Client Sample ID: EB-042622-SS-001 — Lab Sample ID: 240-165834-11

No Detections.

Client Sample ID: GW-042722-SS-011 — Lab Sample ID: 240-165834-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	6.7		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042722-SS-012 — Lab Sample ID: 240-165834-13

No Detections.

Client Sample ID: GW-042722-SS-013 — Lab Sample ID: 240-165834-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.62	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042722-SS-014 — Lab Sample ID: 240-165834-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3200		130	58	ug/L	125		8260D	Total/NA
Vinyl chloride	130		130	56	ug/L	125		8260D	Total/NA

Client Sample ID: GW-042722-SS-015 — Lab Sample ID: 240-165834-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3200		130	58	ug/L	125		8260D	Total/NA
Vinyl chloride	120	J	130	56	ug/L	125		8260D	Total/NA

Client Sample ID: GW-042822-SS-016 — Lab Sample ID: 240-165834-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		100	48	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene	2500		100	46	ug/L	100		8260D	Total/NA
Trichloroethene	1900		100	44	ug/L	100		8260D	Total/NA

Client Sample ID: GW-042822-SS-017 — Lab Sample ID: 240-165834-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.67	J	1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	2.9	J	10	1.2	ug/L	1		8260D	Total/NA

Client Sample ID: GW-042822-SS-018 — Lab Sample ID: 240-165834-19

No Detections.

Client Sample ID: GW-042822-SS-019 — Lab Sample ID: 240-165834-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	400		400	190	ug/L	400		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-042822-SS-019 (Continued) — Lab Sample ID: 240-165834-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	270	J	400	190	ug/L	400		8260D	Total/NA
cis-1,2-Dichloroethene	5500		400	180	ug/L	400		8260D	Total/NA
Trichloroethene	14000		400	180	ug/L	400		8260D	Total/NA

Client Sample ID: GW-042822-SS-020 — Lab Sample ID: 240-165834-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	390	J	400	190	ug/L	400		8260D	Total/NA
1,1-Dichloroethane	260	J	400	190	ug/L	400		8260D	Total/NA
cis-1,2-Dichloroethene	5700		400	180	ug/L	400		8260D	Total/NA
Trichloroethene	14000		400	180	ug/L	400		8260D	Total/NA

Client Sample ID: GW-042822-SS-021 — Lab Sample ID: 240-165834-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1100		1000	470	ug/L	1000		8260D	Total/NA
cis-1,2-Dichloroethene	66000		1000	460	ug/L	1000		8260D	Total/NA
Ethylbenzene	620	J	1000	420	ug/L	1000		8260D	Total/NA
Toluene	4200		1000	440	ug/L	1000		8260D	Total/NA
Vinyl chloride	6700		1000	450	ug/L	1000		8260D	Total/NA
Xylenes, Total	2400		2000	420	ug/L	1000		8260D	Total/NA

Client Sample ID: GW-042822-SS-022 — Lab Sample ID: 240-165834-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	310	J	400	190	ug/L	400		8260D	Total/NA
cis-1,2-Dichloroethene	11000		400	180	ug/L	400		8260D	Total/NA
Trichloroethene	7100		400	180	ug/L	400		8260D	Total/NA

Client Sample ID: GW-042922-SS-023 — Lab Sample ID: 240-165834-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		40	19	ug/L	40		8260D	Total/NA
1,1-Dichloroethane	130		40	19	ug/L	40		8260D	Total/NA
cis-1,2-Dichloroethene	950		40	18	ug/L	40		8260D	Total/NA
Trichloroethene	410		40	18	ug/L	40		8260D	Total/NA
Vinyl chloride	320		40	18	ug/L	40		8260D	Total/NA

Client Sample ID: GW-042922-SS-024 — Lab Sample ID: 240-165834-25

No Detections.

Client Sample ID: GW-042922-SS-025 — Lab Sample ID: 240-165834-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2100		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	63	J	100	51	ug/L	100		8260D	Total/NA
Vinyl chloride	410		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: GW-042922-SS-026 — Lab Sample ID: 240-165834-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	94	J	100	47	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene	3200		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	110		100	51	ug/L	100		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-042922-SS-026 (Continued)
Lab Sample ID: 240-165834-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	970		100	44	ug/L	100		8260D	Total/NA
Vinyl chloride	110		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: EB-042922-SS-002
Lab Sample ID: 240-165834-28

No Detections.

Client Sample ID: TB-042922-SS-001
Lab Sample ID: 240-165834-29

No Detections.

Client Sample ID: GW-042522-SS-001 Lab Sample ID: 240-165834-1

Date Collected: 04/25/22 12:25 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 14:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 14:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 14:52	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 14:52	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 14:52	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 14:52	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 14:52	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 14:52	1
Acetone	10	U	10	5.4	ug/L			05/05/22 14:52	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 14:52	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 14:52	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 14:52	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 14:52	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 14:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 14:52	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 14:52	1
Chloroform	**1.2**		1.0	0.47	ug/L			05/05/22 14:52	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 14:52	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.46	ug/L			05/05/22 14:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 14:52	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 14:52	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 14:52	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 14:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 14:52	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 14:52	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 14:52	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 14:52	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 14:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 14:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 14:52	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 14:52	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/05/22 14:52	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 14:52	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/05/22 14:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*05/05/22 14:52*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/05/22 14:52*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 14:52*	*1*

Client Sample ID: GW-042522-SS-002 Lab Sample ID: 240-165834-2

Date Collected: 04/25/22 13:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 15:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 15:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 15:14	1

Client Sample ID: GW-042522-SS-002 Lab Sample ID: 240-165834-2

Date Collected: 04/25/22 13:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	**0.58**	**J**	1.0	0.47	ug/L			05/05/22 15:14	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 15:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 15:14	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 15:14	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 15:14	1
Acetone	10	U	10	5.4	ug/L			05/05/22 15:14	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 15:14	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 15:14	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 15:14	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 15:14	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 15:14	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 15:14	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 15:14	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 15:14	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 15:14	1
cis-1,2-Dichloroethene	**28**		1.0	0.46	ug/L			05/05/22 15:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 15:14	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 15:14	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 15:14	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 15:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 15:14	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 15:14	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 15:14	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 15:14	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 15:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 15:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 15:14	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 15:14	1
Vinyl chloride	**39**		1.0	0.45	ug/L			05/05/22 15:14	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 15:14	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/05/22 15:14*	*1*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/05/22 15:14*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 15:14*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 15:14*	*1*

Client Sample ID: GW-042522-SS-003 Lab Sample ID: 240-165834-3

Date Collected: 04/25/22 14:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/05/22 15:36	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/05/22 15:36	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/05/22 15:36	100
1,1-Dichloroethane	100	U	100	47	ug/L			05/05/22 15:36	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/05/22 15:36	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/05/22 15:36	100

Client Sample ID: GW-042522-SS-003 Lab Sample ID: 240-165834-3

Date Collected: 04/25/22 14:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	100	U	100	47	ug/L			05/05/22 15:36	100
2-Hexanone	1000	U	1000	110	ug/L			05/05/22 15:36	100
Acetone	1000	U	1000	540	ug/L			05/05/22 15:36	100
Benzene	100	U	100	42	ug/L			05/05/22 15:36	100
Bromoform	100	U	100	76	ug/L			05/05/22 15:36	100
Bromomethane	100	U	100	42	ug/L			05/05/22 15:36	100
Carbon disulfide	100	U	100	59	ug/L			05/05/22 15:36	100
Carbon tetrachloride	100	U	100	26	ug/L			05/05/22 15:36	100
Chlorobenzene	100	U	100	38	ug/L			05/05/22 15:36	100
Chloroethane	100	U	100	83	ug/L			05/05/22 15:36	100
Chloroform	100	U	100	47	ug/L			05/05/22 15:36	100
Chloromethane	100	U	100	63	ug/L			05/05/22 15:36	100
cis-1,2-Dichloroethene	**2000**		100	46	ug/L			05/05/22 15:36	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/05/22 15:36	100
Dichlorobromomethane	100	U	100	17	ug/L			05/05/22 15:36	100
Ethylbenzene	100	U	100	42	ug/L			05/05/22 15:36	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/05/22 15:36	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/05/22 15:36	100
Methylene Chloride	500	U	500	260	ug/L			05/05/22 15:36	100
Styrene	100	U	100	45	ug/L			05/05/22 15:36	100
Tetrachloroethene	100	U	100	44	ug/L			05/05/22 15:36	100
Toluene	100	U	100	44	ug/L			05/05/22 15:36	100
trans-1,2-Dichloroethene	**77**	**J**	100	51	ug/L			05/05/22 15:36	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/05/22 15:36	100
Trichloroethene	100	U	100	44	ug/L			05/05/22 15:36	100
Vinyl chloride	100	U	100	45	ug/L			05/05/22 15:36	100
Xylenes, Total	200	U	200	42	ug/L			05/05/22 15:36	100
Chlorodibromomethane	100	U	100	39	ug/L			05/05/22 15:36	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/05/22 15:36*	*100*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/05/22 15:36*	*100*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 15:36*	*100*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 15:36*	*100*

Client Sample ID: GW-042522-SS-004 Lab Sample ID: 240-165834-4

Date Collected: 04/25/22 16:30 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 15:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 15:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 15:59	1
1,1-Dichloroethane	**0.50**	**J**	1.0	0.47	ug/L			05/05/22 15:59	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 15:59	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 15:59	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 15:59	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 15:59	1
Acetone	10	U	10	5.4	ug/L			05/05/22 15:59	1

Client Sample ID: GW-042522-SS-004 Lab Sample ID: 240-165834-4

Date Collected: 04/25/22 16:30 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 15:59	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 15:59	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 15:59	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 15:59	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 15:59	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 15:59	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 15:59	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 15:59	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 15:59	1
cis-1,2-Dichloroethene	**9.0**		1.0	0.46	ug/L			05/05/22 15:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 15:59	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 15:59	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 15:59	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 15:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 15:59	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 15:59	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 15:59	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 15:59	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 15:59	1
trans-1,2-Dichloroethene	**0.79**	**J**	1.0	0.51	ug/L			05/05/22 15:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 15:59	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 15:59	1
Vinyl chloride	**54**		1.0	0.45	ug/L			05/05/22 15:59	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 15:59	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/05/22 15:59*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/05/22 15:59*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 15:59*	*1*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*05/05/22 15:59*	*1*

Client Sample ID: GW-042522-SS-005 Lab Sample ID: 240-165834-5

Date Collected: 04/25/22 17:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 11:50	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	2.4	ug/L			05/06/22 11:50	4
1,1,2-Trichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 11:50	4
1,1-Dichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 11:50	4
1,1-Dichloroethene	4.0	U	4.0	2.0	ug/L			05/06/22 11:50	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			05/06/22 11:50	4
1,2-Dichloropropane	4.0	U	4.0	1.9	ug/L			05/06/22 11:50	4
2-Hexanone	40	U	40	4.4	ug/L			05/06/22 11:50	4
Acetone	40	U	40	22	ug/L			05/06/22 11:50	4
Benzene	4.0	U	4.0	1.7	ug/L			05/06/22 11:50	4
Bromoform	4.0	U	4.0	3.0	ug/L			05/06/22 11:50	4
Bromomethane	4.0	U	4.0	1.7	ug/L			05/06/22 11:50	4

Client Sample ID: GW-042522-SS-005 Lab Sample ID: 240-165834-5

Date Collected: 04/25/22 17:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	4.0	U	4.0	2.4	ug/L			05/06/22 11:50	4
Carbon tetrachloride	4.0	U	4.0	1.0	ug/L			05/06/22 11:50	4
Chlorobenzene	4.0	U	4.0	1.5	ug/L			05/06/22 11:50	4
Chloroethane	4.0	U	4.0	3.3	ug/L			05/06/22 11:50	4
Chloroform	4.0	U	4.0	1.9	ug/L			05/06/22 11:50	4
Chloromethane	4.0	U	4.0	2.5	ug/L			05/06/22 11:50	4
cis-1,2-Dichloroethene	**6.4**		4.0	1.8	ug/L			05/06/22 11:50	4
cis-1,3-Dichloropropene	4.0	U	4.0	2.4	ug/L			05/06/22 11:50	4
Dichlorobromomethane	4.0	U	4.0	0.68	ug/L			05/06/22 11:50	4
Ethylbenzene	4.0	U	4.0	1.7	ug/L			05/06/22 11:50	4
2-Butanone (MEK)	40	U	40	4.6	ug/L			05/06/22 11:50	4
4-Methyl-2-pentanone (MIBK)	40	U	40	4.0	ug/L			05/06/22 11:50	4
Methylene Chloride	20	U	20	10	ug/L			05/06/22 11:50	4
Styrene	4.0	U	4.0	1.8	ug/L			05/06/22 11:50	4
Tetrachloroethene	4.0	U	4.0	1.8	ug/L			05/06/22 11:50	4
Toluene	4.0	U	4.0	1.8	ug/L			05/06/22 11:50	4
trans-1,2-Dichloroethene	4.0	U	4.0	2.0	ug/L			05/06/22 11:50	4
trans-1,3-Dichloropropene	4.0	U	4.0	2.7	ug/L			05/06/22 11:50	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			05/06/22 11:50	4
Vinyl chloride	**150**		4.0	1.8	ug/L			05/06/22 11:50	4
Xylenes, Total	8.0	U	8.0	1.7	ug/L			05/06/22 11:50	4
Chlorodibromomethane	4.0	U	4.0	1.6	ug/L			05/06/22 11:50	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 11:50*	*4*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/06/22 11:50*	*4*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 11:50*	*4*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 11:50*	*4*

Client Sample ID: GW-042522-SS-006 Lab Sample ID: 240-165834-6

Date Collected: 04/25/22 17:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 12:13	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	2.4	ug/L			05/06/22 12:13	4
1,1,2-Trichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 12:13	4
1,1-Dichloroethane	4.0	U	4.0	1.9	ug/L			05/06/22 12:13	4
1,1-Dichloroethene	4.0	U	4.0	2.0	ug/L			05/06/22 12:13	4
1,2-Dichloroethane	4.0	U	4.0	0.84	ug/L			05/06/22 12:13	4
1,2-Dichloropropane	4.0	U	4.0	1.9	ug/L			05/06/22 12:13	4
2-Hexanone	40	U	40	4.4	ug/L			05/06/22 12:13	4
Acetone	40	U	40	22	ug/L			05/06/22 12:13	4
Benzene	4.0	U	4.0	1.7	ug/L			05/06/22 12:13	4
Bromoform	4.0	U	4.0	3.0	ug/L			05/06/22 12:13	4
Bromomethane	4.0	U	4.0	1.7	ug/L			05/06/22 12:13	4
Carbon disulfide	4.0	U	4.0	2.4	ug/L			05/06/22 12:13	4
Carbon tetrachloride	4.0	U	4.0	1.0	ug/L			05/06/22 12:13	4
Chlorobenzene	4.0	U	4.0	1.5	ug/L			05/06/22 12:13	4

Client Sample ID: GW-042522-SS-006 Lab Sample ID: 240-165834-6

Date Collected: 04/25/22 17:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	4.0	U	4.0	3.3	ug/L			05/06/22 12:13	4
Chloroform	4.0	U	4.0	1.9	ug/L			05/06/22 12:13	4
Chloromethane	4.0	U	4.0	2.5	ug/L			05/06/22 12:13	4
cis-1,2-Dichloroethene	**7.0**		4.0	1.8	ug/L			05/06/22 12:13	4
cis-1,3-Dichloropropene	4.0	U	4.0	2.4	ug/L			05/06/22 12:13	4
Dichlorobromomethane	4.0	U	4.0	0.68	ug/L			05/06/22 12:13	4
Ethylbenzene	4.0	U	4.0	1.7	ug/L			05/06/22 12:13	4
2-Butanone (MEK)	40	U	40	4.6	ug/L			05/06/22 12:13	4
4-Methyl-2-pentanone (MIBK)	40	U	40	4.0	ug/L			05/06/22 12:13	4
Methylene Chloride	20	U	20	10	ug/L			05/06/22 12:13	4
Styrene	4.0	U	4.0	1.8	ug/L			05/06/22 12:13	4
Tetrachloroethene	4.0	U	4.0	1.8	ug/L			05/06/22 12:13	4
Toluene	4.0	U	4.0	1.8	ug/L			05/06/22 12:13	4
trans-1,2-Dichloroethene	4.0	U	4.0	2.0	ug/L			05/06/22 12:13	4
trans-1,3-Dichloropropene	4.0	U	4.0	2.7	ug/L			05/06/22 12:13	4
Trichloroethene	4.0	U	4.0	1.8	ug/L			05/06/22 12:13	4
Vinyl chloride	**160**		4.0	1.8	ug/L			05/06/22 12:13	4
Xylenes, Total	8.0	U	8.0	1.7	ug/L			05/06/22 12:13	4
Chlorodibromomethane	4.0	U	4.0	1.6	ug/L			05/06/22 12:13	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 12:13*	*4*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/06/22 12:13*	*4*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/06/22 12:13*	*4*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 12:13*	*4*

Client Sample ID: GW-042622-SS-007 Lab Sample ID: 240-165834-7

Date Collected: 04/26/22 11:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	80	U	80	38	ug/L			05/06/22 12:35	80
1,1,2,2-Tetrachloroethane	80	U	80	48	ug/L			05/06/22 12:35	80
1,1,2-Trichloroethane	80	U	80	38	ug/L			05/06/22 12:35	80
1,1-Dichloroethane	80	U	80	38	ug/L			05/06/22 12:35	80
1,1-Dichloroethene	80	U	80	39	ug/L			05/06/22 12:35	80
1,2-Dichloroethane	80	U	80	17	ug/L			05/06/22 12:35	80
1,2-Dichloropropane	80	U	80	38	ug/L			05/06/22 12:35	80
2-Hexanone	800	U	800	89	ug/L			05/06/22 12:35	80
Acetone	800	U	800	430	ug/L			05/06/22 12:35	80
Benzene	80	U	80	34	ug/L			05/06/22 12:35	80
Bromoform	80	U	80	61	ug/L			05/06/22 12:35	80
Bromomethane	80	U	80	34	ug/L			05/06/22 12:35	80
Carbon disulfide	80	U	80	47	ug/L			05/06/22 12:35	80
Carbon tetrachloride	80	U	80	21	ug/L			05/06/22 12:35	80
Chlorobenzene	80	U	80	30	ug/L			05/06/22 12:35	80
Chloroethane	80	U	80	66	ug/L			05/06/22 12:35	80
Chloroform	80	U	80	38	ug/L			05/06/22 12:35	80
Chloromethane	80	U	80	50	ug/L			05/06/22 12:35	80

Client Sample ID: GW-042622-SS-007 Lab Sample ID: 240-165834-7

Date Collected: 04/26/22 11:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**2100**		80	37	ug/L			05/06/22 12:35	80
cis-1,3-Dichloropropene	80	U	80	49	ug/L			05/06/22 12:35	80
Dichlorobromomethane	80	U	80	14	ug/L			05/06/22 12:35	80
Ethylbenzene	80	U	80	34	ug/L			05/06/22 12:35	80
2-Butanone (MEK)	800	U	800	93	ug/L			05/06/22 12:35	80
4-Methyl-2-pentanone (MIBK)	800	U	800	79	ug/L			05/06/22 12:35	80
Methylene Chloride	400	U	400	210	ug/L			05/06/22 12:35	80
Styrene	80	U	80	36	ug/L			05/06/22 12:35	80
Tetrachloroethene	80	U	80	35	ug/L			05/06/22 12:35	80
Toluene	80	U	80	35	ug/L			05/06/22 12:35	80
trans-1,2-Dichloroethene	80	U	80	41	ug/L			05/06/22 12:35	80
trans-1,3-Dichloropropene	80	U	80	54	ug/L			05/06/22 12:35	80
Trichloroethene	80	U	80	35	ug/L			05/06/22 12:35	80
Vinyl chloride	**220**		80	36	ug/L			05/06/22 12:35	80
Xylenes, Total	160	U	160	34	ug/L			05/06/22 12:35	80
Chlorodibromomethane	80	U	80	31	ug/L			05/06/22 12:35	80

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*05/06/22 12:35*	*80*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*05/06/22 12:35*	*80*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/06/22 12:35*	*80*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/06/22 12:35*	*80*

Client Sample ID: GW-042622-SS-008 Lab Sample ID: 240-165834-8

Date Collected: 04/26/22 13:15 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/05/22 17:28	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/05/22 17:28	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/05/22 17:28	100
1,1-Dichloroethane	100	U	100	47	ug/L			05/05/22 17:28	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/05/22 17:28	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/05/22 17:28	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/05/22 17:28	100
2-Hexanone	1000	U	1000	110	ug/L			05/05/22 17:28	100
Acetone	1000	U	1000	540	ug/L			05/05/22 17:28	100
Benzene	100	U	100	42	ug/L			05/05/22 17:28	100
Bromoform	100	U	100	76	ug/L			05/05/22 17:28	100
Bromomethane	100	U	100	42	ug/L			05/05/22 17:28	100
Carbon disulfide	100	U	100	59	ug/L			05/05/22 17:28	100
Carbon tetrachloride	100	U	100	26	ug/L			05/05/22 17:28	100
Chlorobenzene	100	U	100	38	ug/L			05/05/22 17:28	100
Chloroethane	100	U	100	83	ug/L			05/05/22 17:28	100
Chloroform	100	U	100	47	ug/L			05/05/22 17:28	100
Chloromethane	100	U	100	63	ug/L			05/05/22 17:28	100
cis-1,2-Dichloroethene	**3200**		100	46	ug/L			05/05/22 17:28	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/05/22 17:28	100
Dichlorobromomethane	100	U	100	17	ug/L			05/05/22 17:28	100

Client Sample ID: GW-042622-SS-008 Lab Sample ID: 240-165834-8

Date Collected: 04/26/22 13:15 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	100	U	100	42	ug/L			05/05/22 17:28	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/05/22 17:28	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/05/22 17:28	100
Methylene Chloride	500	U	500	260	ug/L			05/05/22 17:28	100
Styrene	100	U	100	45	ug/L			05/05/22 17:28	100
Tetrachloroethene	100	U	100	44	ug/L			05/05/22 17:28	100
Toluene	100	U	100	44	ug/L			05/05/22 17:28	100
trans-1,2-Dichloroethene	**150**		100	51	ug/L			05/05/22 17:28	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/05/22 17:28	100
Trichloroethene	100	U	100	44	ug/L			05/05/22 17:28	100
Vinyl chloride	**52**	**J**	100	45	ug/L			05/05/22 17:28	100
Xylenes, Total	200	U	200	42	ug/L			05/05/22 17:28	100
Chlorodibromomethane	100	U	100	39	ug/L			05/05/22 17:28	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/05/22 17:28*	*100*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/05/22 17:28*	*100*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 17:28*	*100*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 17:28*	*100*

Client Sample ID: GW-042622-SS-009 Lab Sample ID: 240-165834-9

Date Collected: 04/26/22 14:10 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/05/22 17:51	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/05/22 17:51	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/05/22 17:51	100
1,1-Dichloroethane	100	U	100	47	ug/L			05/05/22 17:51	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/05/22 17:51	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/05/22 17:51	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/05/22 17:51	100
2-Hexanone	1000	U	1000	110	ug/L			05/05/22 17:51	100
Acetone	1000	U	1000	540	ug/L			05/05/22 17:51	100
Benzene	100	U	100	42	ug/L			05/05/22 17:51	100
Bromoform	100	U	100	76	ug/L			05/05/22 17:51	100
Bromomethane	100	U	100	42	ug/L			05/05/22 17:51	100
Carbon disulfide	100	U	100	59	ug/L			05/05/22 17:51	100
Carbon tetrachloride	100	U	100	26	ug/L			05/05/22 17:51	100
Chlorobenzene	100	U	100	38	ug/L			05/05/22 17:51	100
Chloroethane	100	U	100	83	ug/L			05/05/22 17:51	100
Chloroform	100	U	100	47	ug/L			05/05/22 17:51	100
Chloromethane	100	U	100	63	ug/L			05/05/22 17:51	100
cis-1,2-Dichloroethene	**2900**		100	46	ug/L			05/05/22 17:51	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/05/22 17:51	100
Dichlorobromomethane	100	U	100	17	ug/L			05/05/22 17:51	100
Ethylbenzene	100	U	100	42	ug/L			05/05/22 17:51	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/05/22 17:51	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/05/22 17:51	100

Client Sample ID: GW-042622-SS-009 Lab Sample ID: 240-165834-9

Date Collected: 04/26/22 14:10 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	500	U	500	260	ug/L			05/05/22 17:51	100
Styrene	100	U	100	45	ug/L			05/05/22 17:51	100
Tetrachloroethene	100	U	100	44	ug/L			05/05/22 17:51	100
Toluene	100	U	100	44	ug/L			05/05/22 17:51	100
trans-1,2-Dichloroethene	100	U	100	51	ug/L			05/05/22 17:51	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/05/22 17:51	100
Trichloroethene	100	U	100	44	ug/L			05/05/22 17:51	100
Vinyl chloride	**160**		100	45	ug/L			05/05/22 17:51	100
Xylenes, Total	200	U	200	42	ug/L			05/05/22 17:51	100
Chlorodibromomethane	100	U	100	39	ug/L			05/05/22 17:51	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/05/22 17:51*	*100*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/05/22 17:51*	*100*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 17:51*	*100*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/05/22 17:51*	*100*

Client Sample ID: GW-042622-SS-010 Lab Sample ID: 240-165834-10

Date Collected: 04/26/22 15:35 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	200	U	200	96	ug/L			05/05/22 18:13	200
1,1,2,2-Tetrachloroethane	200	U	200	120	ug/L			05/05/22 18:13	200
1,1,2-Trichloroethane	200	U	200	96	ug/L			05/05/22 18:13	200
1,1-Dichloroethane	**97**	**J**	200	94	ug/L			05/05/22 18:13	200
1,1-Dichloroethene	200	U	200	98	ug/L			05/05/22 18:13	200
1,2-Dichloroethane	200	U	200	42	ug/L			05/05/22 18:13	200
1,2-Dichloropropane	200	U	200	94	ug/L			05/05/22 18:13	200
2-Hexanone	2000	U	2000	220	ug/L			05/05/22 18:13	200
Acetone	2000	U	2000	1100	ug/L			05/05/22 18:13	200
Benzene	200	U	200	84	ug/L			05/05/22 18:13	200
Bromoform	200	U	200	150	ug/L			05/05/22 18:13	200
Bromomethane	200	U	200	84	ug/L			05/05/22 18:13	200
Carbon disulfide	200	U	200	120	ug/L			05/05/22 18:13	200
Carbon tetrachloride	200	U	200	52	ug/L			05/05/22 18:13	200
Chlorobenzene	200	U	200	76	ug/L			05/05/22 18:13	200
Chloroethane	200	U	200	170	ug/L			05/05/22 18:13	200
Chloroform	200	U	200	94	ug/L			05/05/22 18:13	200
Chloromethane	200	U	200	130	ug/L			05/05/22 18:13	200
cis-1,2-Dichloroethene	**4500**		200	92	ug/L			05/05/22 18:13	200
cis-1,3-Dichloropropene	200	U	200	120	ug/L			05/05/22 18:13	200
Dichlorobromomethane	200	U	200	34	ug/L			05/05/22 18:13	200
Ethylbenzene	200	U	200	84	ug/L			05/05/22 18:13	200
2-Butanone (MEK)	2000	U	2000	230	ug/L			05/05/22 18:13	200
4-Methyl-2-pentanone (MIBK)	2000	U	2000	200	ug/L			05/05/22 18:13	200
Methylene Chloride	1000	U	1000	520	ug/L			05/05/22 18:13	200
Styrene	200	U	200	90	ug/L			05/05/22 18:13	200
Tetrachloroethene	200	U	200	88	ug/L			05/05/22 18:13	200

Client Sample ID: GW-042622-SS-010 Lab Sample ID: 240-165834-10

Date Collected: 04/26/22 15:35 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	200	U	200	88	ug/L			05/05/22 18:13	200
trans-1,2-Dichloroethene	200	U	200	100	ug/L			05/05/22 18:13	200
trans-1,3-Dichloropropene	200	U	200	130	ug/L			05/05/22 18:13	200
Trichloroethene	**170**	**J**	200	88	ug/L			05/05/22 18:13	200
Vinyl chloride	**280**		200	90	ug/L			05/05/22 18:13	200
Xylenes, Total	400	U	400	84	ug/L			05/05/22 18:13	200
Chlorodibromomethane	200	U	200	78	ug/L			05/05/22 18:13	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/05/22 18:13*	*200*
4-Bromofluorobenzene (Surr)	*91*		*56 - 136*		*05/05/22 18:13*	*200*
Toluene-d8 (Surr)	*99*		*78 - 122*		*05/05/22 18:13*	*200*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/05/22 18:13*	*200*

Client Sample ID: EB-042622-SS-001 Lab Sample ID: 240-165834-11

Date Collected: 04/26/22 15:55 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 18:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 18:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 18:35	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 18:35	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 18:35	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 18:35	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 18:35	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 18:35	1
Acetone	10	U	10	5.4	ug/L			05/05/22 18:35	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 18:35	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 18:35	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 18:35	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 18:35	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 18:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 18:35	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 18:35	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 18:35	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 18:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/05/22 18:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 18:35	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 18:35	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 18:35	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 18:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 18:35	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 18:35	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 18:35	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 18:35	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 18:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 18:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 18:35	1

Client Sample ID: EB-042622-SS-001 Lab Sample ID: 240-165834-11

Date Collected: 04/26/22 15:55 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 18:35	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/05/22 18:35	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 18:35	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/05/22 18:35*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/05/22 18:35*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/05/22 18:35*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/05/22 18:35*	*1*

Client Sample ID: GW-042722-SS-011 Lab Sample ID: 240-165834-12

Date Collected: 04/27/22 10:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 18:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 18:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 18:58	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 18:58	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 18:58	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 18:58	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 18:58	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 18:58	1
Acetone	10	U	10	5.4	ug/L			05/05/22 18:58	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 18:58	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 18:58	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 18:58	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 18:58	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 18:58	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 18:58	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 18:58	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 18:58	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 18:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/05/22 18:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 18:58	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 18:58	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 18:58	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 18:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 18:58	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 18:58	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 18:58	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 18:58	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 18:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 18:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 18:58	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 18:58	1
Vinyl chloride	**6.7**		1.0	0.45	ug/L			05/05/22 18:58	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 18:58	1

Client Sample ID: GW-042722-SS-011 Lab Sample ID: 240-165834-12

Date Collected: 04/27/22 10:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/05/22 18:58*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*05/05/22 18:58*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/05/22 18:58*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 18:58*	*1*

Client Sample ID: GW-042722-SS-012 Lab Sample ID: 240-165834-13

Date Collected: 04/27/22 11:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 19:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 19:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 19:20	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 19:20	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 19:20	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 19:20	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 19:20	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 19:20	1
Acetone	10	U	10	5.4	ug/L			05/05/22 19:20	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 19:20	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 19:20	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 19:20	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 19:20	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 19:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 19:20	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 19:20	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 19:20	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 19:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/05/22 19:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 19:20	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 19:20	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 19:20	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 19:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 19:20	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 19:20	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 19:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 19:20	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 19:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 19:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 19:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 19:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/05/22 19:20	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 19:20	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 19:20	1

Client Sample ID: GW-042722-SS-012 Lab Sample ID: 240-165834-13

Date Collected: 04/27/22 11:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/05/22 19:20*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*05/05/22 19:20*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/05/22 19:20*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/05/22 19:20*	*1*

Client Sample ID: GW-042722-SS-013 Lab Sample ID: 240-165834-14

Date Collected: 04/27/22 13:35 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 19:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 19:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 19:42	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 19:42	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 19:42	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 19:42	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 19:42	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 19:42	1
Acetone	10	U	10	5.4	ug/L			05/05/22 19:42	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 19:42	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 19:42	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 19:42	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 19:42	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 19:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 19:42	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 19:42	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 19:42	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/05/22 19:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 19:42	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 19:42	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 19:42	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 19:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 19:42	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 19:42	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 19:42	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 19:42	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 19:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 19:42	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 19:42	1
Vinyl chloride	**0.62**	**J**	1.0	0.45	ug/L			05/05/22 19:42	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 19:42	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/05/22 19:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/05/22 19:42*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/05/22 19:42*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/05/22 19:42*	*1*

Client Sample ID: GW-042722-SS-014 — Lab Sample ID: 240-165834-15

Date Collected: 04/27/22 15:50 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	130	U	130	60	ug/L			05/06/22 12:57	125
1,1,2,2-Tetrachloroethane	130	U	130	75	ug/L			05/06/22 12:57	125
1,1,2-Trichloroethane	130	U	130	60	ug/L			05/06/22 12:57	125
1,1-Dichloroethane	130	U	130	59	ug/L			05/06/22 12:57	125
1,1-Dichloroethene	130	U	130	61	ug/L			05/06/22 12:57	125
1,2-Dichloroethane	130	U	130	26	ug/L			05/06/22 12:57	125
1,2-Dichloropropane	130	U	130	59	ug/L			05/06/22 12:57	125
2-Hexanone	1300	U	1300	140	ug/L			05/06/22 12:57	125
Acetone	1300	U	1300	680	ug/L			05/06/22 12:57	125
Benzene	130	U	130	53	ug/L			05/06/22 12:57	125
Bromoform	130	U	130	95	ug/L			05/06/22 12:57	125
Bromomethane	130	U	130	53	ug/L			05/06/22 12:57	125
Carbon disulfide	130	U	130	74	ug/L			05/06/22 12:57	125
Carbon tetrachloride	130	U	130	33	ug/L			05/06/22 12:57	125
Chlorobenzene	130	U	130	48	ug/L			05/06/22 12:57	125
Chloroethane	130	U	130	100	ug/L			05/06/22 12:57	125
Chloroform	130	U	130	59	ug/L			05/06/22 12:57	125
Chloromethane	130	U	130	79	ug/L			05/06/22 12:57	125
cis-1,2-Dichloroethene	**3200**		130	58	ug/L			05/06/22 12:57	125
cis-1,3-Dichloropropene	130	U	130	76	ug/L			05/06/22 12:57	125
Dichlorobromomethane	130	U	130	21	ug/L			05/06/22 12:57	125
Ethylbenzene	130	U	130	53	ug/L			05/06/22 12:57	125
2-Butanone (MEK)	1300	U	1300	150	ug/L			05/06/22 12:57	125
4-Methyl-2-pentanone (MIBK)	1300	U	1300	120	ug/L			05/06/22 12:57	125
Methylene Chloride	630	U	630	330	ug/L			05/06/22 12:57	125
Styrene	130	U	130	56	ug/L			05/06/22 12:57	125
Tetrachloroethene	130	U	130	55	ug/L			05/06/22 12:57	125
Toluene	130	U	130	55	ug/L			05/06/22 12:57	125
trans-1,2-Dichloroethene	130	U	130	64	ug/L			05/06/22 12:57	125
trans-1,3-Dichloropropene	130	U	130	84	ug/L			05/06/22 12:57	125
Trichloroethene	130	U	130	55	ug/L			05/06/22 12:57	125
Vinyl chloride	**130**		130	56	ug/L			05/06/22 12:57	125
Xylenes, Total	250	U	250	53	ug/L			05/06/22 12:57	125
Chlorodibromomethane	130	U	130	49	ug/L			05/06/22 12:57	125

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/06/22 12:57*	*125*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 12:57*	*125*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 12:57*	*125*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 12:57*	*125*

Client Sample ID: GW-042722-SS-015 — Lab Sample ID: 240-165834-16

Date Collected: 04/27/22 15:55 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	130	U	130	60	ug/L			05/06/22 13:20	125
1,1,2,2-Tetrachloroethane	130	U	130	75	ug/L			05/06/22 13:20	125
1,1,2-Trichloroethane	130	U	130	60	ug/L			05/06/22 13:20	125

Client Sample ID: GW-042722-SS-015 Lab Sample ID: 240-165834-16

Date Collected: 04/27/22 15:55 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	130	U	130	59	ug/L			05/06/22 13:20	125
1,1-Dichloroethene	130	U	130	61	ug/L			05/06/22 13:20	125
1,2-Dichloroethane	130	U	130	26	ug/L			05/06/22 13:20	125
1,2-Dichloropropane	130	U	130	59	ug/L			05/06/22 13:20	125
2-Hexanone	1300	U	1300	140	ug/L			05/06/22 13:20	125
Acetone	1300	U	1300	680	ug/L			05/06/22 13:20	125
Benzene	130	U	130	53	ug/L			05/06/22 13:20	125
Bromoform	130	U	130	95	ug/L			05/06/22 13:20	125
Bromomethane	130	U	130	53	ug/L			05/06/22 13:20	125
Carbon disulfide	130	U	130	74	ug/L			05/06/22 13:20	125
Carbon tetrachloride	130	U	130	33	ug/L			05/06/22 13:20	125
Chlorobenzene	130	U	130	48	ug/L			05/06/22 13:20	125
Chloroethane	130	U	130	100	ug/L			05/06/22 13:20	125
Chloroform	130	U	130	59	ug/L			05/06/22 13:20	125
Chloromethane	130	U	130	79	ug/L			05/06/22 13:20	125
cis-1,2-Dichloroethene	**3200**		130	58	ug/L			05/06/22 13:20	125
cis-1,3-Dichloropropene	130	U	130	76	ug/L			05/06/22 13:20	125
Dichlorobromomethane	130	U	130	21	ug/L			05/06/22 13:20	125
Ethylbenzene	130	U	130	53	ug/L			05/06/22 13:20	125
2-Butanone (MEK)	1300	U	1300	150	ug/L			05/06/22 13:20	125
4-Methyl-2-pentanone (MIBK)	1300	U	1300	120	ug/L			05/06/22 13:20	125
Methylene Chloride	630	U	630	330	ug/L			05/06/22 13:20	125
Styrene	130	U	130	56	ug/L			05/06/22 13:20	125
Tetrachloroethene	130	U	130	55	ug/L			05/06/22 13:20	125
Toluene	130	U	130	55	ug/L			05/06/22 13:20	125
trans-1,2-Dichloroethene	130	U	130	64	ug/L			05/06/22 13:20	125
trans-1,3-Dichloropropene	130	U	130	84	ug/L			05/06/22 13:20	125
Trichloroethene	130	U	130	55	ug/L			05/06/22 13:20	125
Vinyl chloride	**120**	**J**	130	56	ug/L			05/06/22 13:20	125
Xylenes, Total	250	U	250	53	ug/L			05/06/22 13:20	125
Chlorodibromomethane	130	U	130	49	ug/L			05/06/22 13:20	125

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/06/22 13:20*	*125*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/06/22 13:20*	*125*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 13:20*	*125*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 13:20*	*125*

Client Sample ID: GW-042822-SS-016 Lab Sample ID: 240-165834-17

Date Collected: 04/28/22 10:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**120**		100	48	ug/L			05/06/22 13:42	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/06/22 13:42	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/06/22 13:42	100
1,1-Dichloroethane	100	U	100	47	ug/L			05/06/22 13:42	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/06/22 13:42	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/06/22 13:42	100

Client Sample ID: GW-042822-SS-016 Lab Sample ID: 240-165834-17

Date Collected: 04/28/22 10:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	100	U	100	47	ug/L			05/06/22 13:42	100
2-Hexanone	1000	U	1000	110	ug/L			05/06/22 13:42	100
Acetone	1000	U	1000	540	ug/L			05/06/22 13:42	100
Benzene	100	U	100	42	ug/L			05/06/22 13:42	100
Bromoform	100	U	100	76	ug/L			05/06/22 13:42	100
Bromomethane	100	U	100	42	ug/L			05/06/22 13:42	100
Carbon disulfide	100	U	100	59	ug/L			05/06/22 13:42	100
Carbon tetrachloride	100	U	100	26	ug/L			05/06/22 13:42	100
Chlorobenzene	100	U	100	38	ug/L			05/06/22 13:42	100
Chloroethane	100	U	100	83	ug/L			05/06/22 13:42	100
Chloroform	100	U	100	47	ug/L			05/06/22 13:42	100
Chloromethane	100	U	100	63	ug/L			05/06/22 13:42	100
cis-1,2-Dichloroethene	**2500**		100	46	ug/L			05/06/22 13:42	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/06/22 13:42	100
Dichlorobromomethane	100	U	100	17	ug/L			05/06/22 13:42	100
Ethylbenzene	100	U	100	42	ug/L			05/06/22 13:42	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/06/22 13:42	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/06/22 13:42	100
Methylene Chloride	500	U	500	260	ug/L			05/06/22 13:42	100
Styrene	100	U	100	45	ug/L			05/06/22 13:42	100
Tetrachloroethene	100	U	100	44	ug/L			05/06/22 13:42	100
Toluene	100	U	100	44	ug/L			05/06/22 13:42	100
trans-1,2-Dichloroethene	100	U	100	51	ug/L			05/06/22 13:42	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/06/22 13:42	100
Trichloroethene	**1900**		100	44	ug/L			05/06/22 13:42	100
Vinyl chloride	100	U	100	45	ug/L			05/06/22 13:42	100
Xylenes, Total	200	U	200	42	ug/L			05/06/22 13:42	100
Chlorodibromomethane	100	U	100	39	ug/L			05/06/22 13:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/06/22 13:42*	*100*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 13:42*	*100*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 13:42*	*100*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/06/22 13:42*	*100*

Client Sample ID: GW-042822-SS-017 Lab Sample ID: 240-165834-18

Date Collected: 04/28/22 11:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 14:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 14:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 14:04	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 14:04	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 14:04	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 14:04	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 14:04	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 14:04	1
Acetone	**22**		10	5.4	ug/L			05/06/22 14:04	1

Client Sample ID: GW-042822-SS-017 — Lab Sample ID: 240-165834-18

Date Collected: 04/28/22 11:45 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 14:04	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 14:04	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 14:04	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 14:04	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 14:04	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 14:04	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 14:04	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 14:04	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 14:04	1
cis-1,2-Dichloroethene	**0.67**	**J**	1.0	0.46	ug/L			05/06/22 14:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 14:04	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 14:04	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 14:04	1
2-Butanone (MEK)	**2.9**	**J**	10	1.2	ug/L			05/06/22 14:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 14:04	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 14:04	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 14:04	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 14:04	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 14:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 14:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 14:04	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 14:04	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 14:04	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 14:04	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/06/22 14:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*05/06/22 14:04*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/06/22 14:04*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 14:04*	*1*

Client Sample ID: GW-042822-SS-018 — Lab Sample ID: 240-165834-19

Date Collected: 04/28/22 12:45 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 15:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 15:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 15:34	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 15:34	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 15:34	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 15:34	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 15:34	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 15:34	1
Acetone	10	U	10	5.4	ug/L			05/06/22 15:34	1
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 15:34	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 15:34	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 15:34	1

Client Sample ID: GW-042822-SS-018 — Lab Sample ID: 240-165834-19

Date Collected: 04/28/22 12:45 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 15:34	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 15:34	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 15:34	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 15:34	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 15:34	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 15:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/06/22 15:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 15:34	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 15:34	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 15:34	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/06/22 15:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 15:34	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 15:34	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 15:34	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 15:34	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 15:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 15:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 15:34	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 15:34	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 15:34	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 15:34	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/06/22 15:34*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/06/22 15:34*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 15:34*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 15:34*	*1*

Client Sample ID: GW-042822-SS-019 — Lab Sample ID: 240-165834-20

Date Collected: 04/28/22 13:45 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**400**		400	190	ug/L			05/06/22 15:56	400
1,1,2,2-Tetrachloroethane	400	U	400	240	ug/L			05/06/22 15:56	400
1,1,2-Trichloroethane	400	U	400	190	ug/L			05/06/22 15:56	400
1,1-Dichloroethane	**270**	**J**	400	190	ug/L			05/06/22 15:56	400
1,1-Dichloroethene	400	U	400	200	ug/L			05/06/22 15:56	400
1,2-Dichloroethane	400	U	400	84	ug/L			05/06/22 15:56	400
1,2-Dichloropropane	400	U	400	190	ug/L			05/06/22 15:56	400
2-Hexanone	4000	U	4000	440	ug/L			05/06/22 15:56	400
Acetone	4000	U	4000	2200	ug/L			05/06/22 15:56	400
Benzene	400	U	400	170	ug/L			05/06/22 15:56	400
Bromoform	400	U	400	300	ug/L			05/06/22 15:56	400
Bromomethane	400	U	400	170	ug/L			05/06/22 15:56	400
Carbon disulfide	400	U	400	240	ug/L			05/06/22 15:56	400
Carbon tetrachloride	400	U	400	100	ug/L			05/06/22 15:56	400
Chlorobenzene	400	U	400	150	ug/L			05/06/22 15:56	400

Client Sample ID: GW-042822-SS-019 Lab Sample ID: 240-165834-20

Date Collected: 04/28/22 13:45 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	400	U	400	330	ug/L			05/06/22 15:56	400
Chloroform	400	U	400	190	ug/L			05/06/22 15:56	400
Chloromethane	400	U	400	250	ug/L			05/06/22 15:56	400
cis-1,2-Dichloroethene	**5500**		400	180	ug/L			05/06/22 15:56	400
cis-1,3-Dichloropropene	400	U	400	240	ug/L			05/06/22 15:56	400
Dichlorobromomethane	400	U	400	68	ug/L			05/06/22 15:56	400
Ethylbenzene	400	U	400	170	ug/L			05/06/22 15:56	400
2-Butanone (MEK)	4000	U	4000	460	ug/L			05/06/22 15:56	400
4-Methyl-2-pentanone (MIBK)	4000	U	4000	400	ug/L			05/06/22 15:56	400
Methylene Chloride	2000	U	2000	1000	ug/L			05/06/22 15:56	400
Styrene	400	U	400	180	ug/L			05/06/22 15:56	400
Tetrachloroethene	400	U	400	180	ug/L			05/06/22 15:56	400
Toluene	400	U	400	180	ug/L			05/06/22 15:56	400
trans-1,2-Dichloroethene	400	U	400	200	ug/L			05/06/22 15:56	400
trans-1,3-Dichloropropene	400	U	400	270	ug/L			05/06/22 15:56	400
Trichloroethene	**14000**		400	180	ug/L			05/06/22 15:56	400
Vinyl chloride	400	U	400	180	ug/L			05/06/22 15:56	400
Xylenes, Total	800	U	800	170	ug/L			05/06/22 15:56	400
Chlorodibromomethane	400	U	400	160	ug/L			05/06/22 15:56	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/06/22 15:56*	*400*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 15:56*	*400*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/06/22 15:56*	*400*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 15:56*	*400*

Client Sample ID: GW-042822-SS-020 Lab Sample ID: 240-165834-21

Date Collected: 04/28/22 13:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**390**	**J**	400	190	ug/L			05/06/22 16:18	400
1,1,2,2-Tetrachloroethane	400	U	400	240	ug/L			05/06/22 16:18	400
1,1,2-Trichloroethane	400	U	400	190	ug/L			05/06/22 16:18	400
1,1-Dichloroethane	**260**	**J**	400	190	ug/L			05/06/22 16:18	400
1,1-Dichloroethene	400	U	400	200	ug/L			05/06/22 16:18	400
1,2-Dichloroethane	400	U	400	84	ug/L			05/06/22 16:18	400
1,2-Dichloropropane	400	U	400	190	ug/L			05/06/22 16:18	400
2-Hexanone	4000	U	4000	440	ug/L			05/06/22 16:18	400
Acetone	4000	U	4000	2200	ug/L			05/06/22 16:18	400
Benzene	400	U	400	170	ug/L			05/06/22 16:18	400
Bromoform	400	U	400	300	ug/L			05/06/22 16:18	400
Bromomethane	400	U	400	170	ug/L			05/06/22 16:18	400
Carbon disulfide	400	U	400	240	ug/L			05/06/22 16:18	400
Carbon tetrachloride	400	U	400	100	ug/L			05/06/22 16:18	400
Chlorobenzene	400	U	400	150	ug/L			05/06/22 16:18	400
Chloroethane	400	U	400	330	ug/L			05/06/22 16:18	400
Chloroform	400	U	400	190	ug/L			05/06/22 16:18	400
Chloromethane	400	U	400	250	ug/L			05/06/22 16:18	400

Client Sample ID: GW-042822-SS-020 Lab Sample ID: 240-165834-21

Date Collected: 04/28/22 13:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**5700**		400	180	ug/L			05/06/22 16:18	400
cis-1,3-Dichloropropene	400	U	400	240	ug/L			05/06/22 16:18	400
Dichlorobromomethane	400	U	400	68	ug/L			05/06/22 16:18	400
Ethylbenzene	400	U	400	170	ug/L			05/06/22 16:18	400
2-Butanone (MEK)	4000	U	4000	460	ug/L			05/06/22 16:18	400
4-Methyl-2-pentanone (MIBK)	4000	U	4000	400	ug/L			05/06/22 16:18	400
Methylene Chloride	2000	U	2000	1000	ug/L			05/06/22 16:18	400
Styrene	400	U	400	180	ug/L			05/06/22 16:18	400
Tetrachloroethene	400	U	400	180	ug/L			05/06/22 16:18	400
Toluene	400	U	400	180	ug/L			05/06/22 16:18	400
trans-1,2-Dichloroethene	400	U	400	200	ug/L			05/06/22 16:18	400
trans-1,3-Dichloropropene	400	U	400	270	ug/L			05/06/22 16:18	400
Trichloroethene	**14000**		400	180	ug/L			05/06/22 16:18	400
Vinyl chloride	400	U	400	180	ug/L			05/06/22 16:18	400
Xylenes, Total	800	U	800	170	ug/L			05/06/22 16:18	400
Chlorodibromomethane	400	U	400	160	ug/L			05/06/22 16:18	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 16:18*	*400*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/06/22 16:18*	*400*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 16:18*	*400*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/06/22 16:18*	*400*

Client Sample ID: GW-042822-SS-021 Lab Sample ID: 240-165834-22

Date Collected: 04/28/22 14:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1000	U	1000	480	ug/L			05/06/22 16:41	1000
1,1,2,2-Tetrachloroethane	1000	U	1000	600	ug/L			05/06/22 16:41	1000
1,1,2-Trichloroethane	1000	U	1000	480	ug/L			05/06/22 16:41	1000
1,1-Dichloroethane	**1100**		1000	470	ug/L			05/06/22 16:41	1000
1,1-Dichloroethene	1000	U	1000	490	ug/L			05/06/22 16:41	1000
1,2-Dichloroethane	1000	U	1000	210	ug/L			05/06/22 16:41	1000
1,2-Dichloropropane	1000	U	1000	470	ug/L			05/06/22 16:41	1000
2-Hexanone	10000	U	10000	1100	ug/L			05/06/22 16:41	1000
Acetone	10000	U	10000	5400	ug/L			05/06/22 16:41	1000
Benzene	1000	U	1000	420	ug/L			05/06/22 16:41	1000
Bromoform	1000	U	1000	760	ug/L			05/06/22 16:41	1000
Bromomethane	1000	U	1000	420	ug/L			05/06/22 16:41	1000
Carbon disulfide	1000	U	1000	590	ug/L			05/06/22 16:41	1000
Carbon tetrachloride	1000	U	1000	260	ug/L			05/06/22 16:41	1000
Chlorobenzene	1000	U	1000	380	ug/L			05/06/22 16:41	1000
Chloroethane	1000	U	1000	830	ug/L			05/06/22 16:41	1000
Chloroform	1000	U	1000	470	ug/L			05/06/22 16:41	1000
Chloromethane	1000	U	1000	630	ug/L			05/06/22 16:41	1000
cis-1,2-Dichloroethene	**66000**		1000	460	ug/L			05/06/22 16:41	1000
cis-1,3-Dichloropropene	1000	U	1000	610	ug/L			05/06/22 16:41	1000
Dichlorobromomethane	1000	U	1000	170	ug/L			05/06/22 16:41	1000

Client Sample ID: GW-042822-SS-021 Lab Sample ID: 240-165834-22

Date Collected: 04/28/22 14:40 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**620**	**J**	1000	420	ug/L			05/06/22 16:41	1000
2-Butanone (MEK)	10000	U	10000	1200	ug/L			05/06/22 16:41	1000
4-Methyl-2-pentanone (MIBK)	10000	U	10000	990	ug/L			05/06/22 16:41	1000
Methylene Chloride	5000	U	5000	2600	ug/L			05/06/22 16:41	1000
Styrene	1000	U	1000	450	ug/L			05/06/22 16:41	1000
Tetrachloroethene	1000	U	1000	440	ug/L			05/06/22 16:41	1000
Toluene	**4200**		1000	440	ug/L			05/06/22 16:41	1000
trans-1,2-Dichloroethene	1000	U	1000	510	ug/L			05/06/22 16:41	1000
trans-1,3-Dichloropropene	1000	U	1000	670	ug/L			05/06/22 16:41	1000
Trichloroethene	1000	U	1000	440	ug/L			05/06/22 16:41	1000
Vinyl chloride	**6700**		1000	450	ug/L			05/06/22 16:41	1000
Xylenes, Total	**2400**		2000	420	ug/L			05/06/22 16:41	1000
Chlorodibromomethane	1000	U	1000	390	ug/L			05/06/22 16:41	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/06/22 16:41*	*1000*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 16:41*	*1000*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 16:41*	*1000*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/06/22 16:41*	*1000*

Client Sample ID: GW-042822-SS-022 Lab Sample ID: 240-165834-23

Date Collected: 04/28/22 16:15 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**310**	**J**	400	190	ug/L			05/06/22 17:03	400
1,1,2,2-Tetrachloroethane	400	U	400	240	ug/L			05/06/22 17:03	400
1,1,2-Trichloroethane	400	U	400	190	ug/L			05/06/22 17:03	400
1,1-Dichloroethane	400	U	400	190	ug/L			05/06/22 17:03	400
1,1-Dichloroethene	400	U	400	200	ug/L			05/06/22 17:03	400
1,2-Dichloroethane	400	U	400	84	ug/L			05/06/22 17:03	400
1,2-Dichloropropane	400	U	400	190	ug/L			05/06/22 17:03	400
2-Hexanone	4000	U	4000	440	ug/L			05/06/22 17:03	400
Acetone	4000	U	4000	2200	ug/L			05/06/22 17:03	400
Benzene	400	U	400	170	ug/L			05/06/22 17:03	400
Bromoform	400	U	400	300	ug/L			05/06/22 17:03	400
Bromomethane	400	U	400	170	ug/L			05/06/22 17:03	400
Carbon disulfide	400	U	400	240	ug/L			05/06/22 17:03	400
Carbon tetrachloride	400	U	400	100	ug/L			05/06/22 17:03	400
Chlorobenzene	400	U	400	150	ug/L			05/06/22 17:03	400
Chloroethane	400	U	400	330	ug/L			05/06/22 17:03	400
Chloroform	400	U	400	190	ug/L			05/06/22 17:03	400
Chloromethane	400	U	400	250	ug/L			05/06/22 17:03	400
cis-1,2-Dichloroethene	**11000**		400	180	ug/L			05/06/22 17:03	400
cis-1,3-Dichloropropene	400	U	400	240	ug/L			05/06/22 17:03	400
Dichlorobromomethane	400	U	400	68	ug/L			05/06/22 17:03	400
Ethylbenzene	400	U	400	170	ug/L			05/06/22 17:03	400
2-Butanone (MEK)	4000	U	4000	460	ug/L			05/06/22 17:03	400
4-Methyl-2-pentanone (MIBK)	4000	U	4000	400	ug/L			05/06/22 17:03	400

Client Sample ID: GW-042822-SS-022 Lab Sample ID: 240-165834-23

Date Collected: 04/28/22 16:15 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	2000	U	2000	1000	ug/L			05/06/22 17:03	400
Styrene	400	U	400	180	ug/L			05/06/22 17:03	400
Tetrachloroethene	400	U	400	180	ug/L			05/06/22 17:03	400
Toluene	400	U	400	180	ug/L			05/06/22 17:03	400
trans-1,2-Dichloroethene	400	U	400	200	ug/L			05/06/22 17:03	400
trans-1,3-Dichloropropene	400	U	400	270	ug/L			05/06/22 17:03	400
Trichloroethene	**7100**		400	180	ug/L			05/06/22 17:03	400
Vinyl chloride	400	U	400	180	ug/L			05/06/22 17:03	400
Xylenes, Total	800	U	800	170	ug/L			05/06/22 17:03	400
Chlorodibromomethane	400	U	400	160	ug/L			05/06/22 17:03	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/06/22 17:03*	*400*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 17:03*	*400*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/06/22 17:03*	*400*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*05/06/22 17:03*	*400*

Client Sample ID: GW-042922-SS-023 Lab Sample ID: 240-165834-24

Date Collected: 04/29/22 11:35 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**120**		40	19	ug/L			05/06/22 17:26	40
1,1,2,2-Tetrachloroethane	40	U	40	24	ug/L			05/06/22 17:26	40
1,1,2-Trichloroethane	40	U	40	19	ug/L			05/06/22 17:26	40
1,1-Dichloroethane	**130**		40	19	ug/L			05/06/22 17:26	40
1,1-Dichloroethene	40	U	40	20	ug/L			05/06/22 17:26	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			05/06/22 17:26	40
1,2-Dichloropropane	40	U	40	19	ug/L			05/06/22 17:26	40
2-Hexanone	400	U	400	44	ug/L			05/06/22 17:26	40
Acetone	400	U	400	220	ug/L			05/06/22 17:26	40
Benzene	40	U	40	17	ug/L			05/06/22 17:26	40
Bromoform	40	U	40	30	ug/L			05/06/22 17:26	40
Bromomethane	40	U	40	17	ug/L			05/06/22 17:26	40
Carbon disulfide	40	U	40	24	ug/L			05/06/22 17:26	40
Carbon tetrachloride	40	U	40	10	ug/L			05/06/22 17:26	40
Chlorobenzene	40	U	40	15	ug/L			05/06/22 17:26	40
Chloroethane	40	U	40	33	ug/L			05/06/22 17:26	40
Chloroform	40	U	40	19	ug/L			05/06/22 17:26	40
Chloromethane	40	U	40	25	ug/L			05/06/22 17:26	40
cis-1,2-Dichloroethene	**950**		40	18	ug/L			05/06/22 17:26	40
cis-1,3-Dichloropropene	40	U	40	24	ug/L			05/06/22 17:26	40
Dichlorobromomethane	40	U	40	6.8	ug/L			05/06/22 17:26	40
Ethylbenzene	40	U	40	17	ug/L			05/06/22 17:26	40
2-Butanone (MEK)	400	U	400	46	ug/L			05/06/22 17:26	40
4-Methyl-2-pentanone (MIBK)	400	U	400	40	ug/L			05/06/22 17:26	40
Methylene Chloride	200	U	200	100	ug/L			05/06/22 17:26	40
Styrene	40	U	40	18	ug/L			05/06/22 17:26	40
Tetrachloroethene	40	U	40	18	ug/L			05/06/22 17:26	40

Client Sample ID: GW-042922-SS-023 — Lab Sample ID: 240-165834-24

Date Collected: 04/29/22 11:35 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	40	U	40	18	ug/L			05/06/22 17:26	40
trans-1,2-Dichloroethene	40	U	40	20	ug/L			05/06/22 17:26	40
trans-1,3-Dichloropropene	40	U	40	27	ug/L			05/06/22 17:26	40
Trichloroethene	**410**		40	18	ug/L			05/06/22 17:26	40
Vinyl chloride	**320**		40	18	ug/L			05/06/22 17:26	40
Xylenes, Total	80	U	80	17	ug/L			05/06/22 17:26	40
Chlorodibromomethane	40	U	40	16	ug/L			05/06/22 17:26	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 17:26*	*40*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/06/22 17:26*	*40*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/06/22 17:26*	*40*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/06/22 17:26*	*40*

Client Sample ID: GW-042922-SS-024 — Lab Sample ID: 240-165834-25

Date Collected: 04/29/22 12:55 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 17:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 17:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 17:48	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 17:48	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 17:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 17:48	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 17:48	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 17:48	1
Acetone	10	U	10	5.4	ug/L			05/06/22 17:48	1
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 17:48	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 17:48	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 17:48	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 17:48	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 17:48	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 17:48	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 17:48	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 17:48	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 17:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/06/22 17:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 17:48	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 17:48	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 17:48	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/06/22 17:48	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 17:48	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 17:48	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 17:48	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 17:48	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 17:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 17:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 17:48	1

Client Sample ID: GW-042922-SS-024 — Lab Sample ID: 240-165834-25

Date Collected: 04/29/22 12:55 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 17:48	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 17:48	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 17:48	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 137*		*05/06/22 17:48*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*05/06/22 17:48*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 17:48*	*1*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*05/06/22 17:48*	*1*

Client Sample ID: GW-042922-SS-025 — Lab Sample ID: 240-165834-26

Date Collected: 04/29/22 14:50 — **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/06/22 18:10	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/06/22 18:10	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/06/22 18:10	100
1,1-Dichloroethane	100	U	100	47	ug/L			05/06/22 18:10	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/06/22 18:10	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/06/22 18:10	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/06/22 18:10	100
2-Hexanone	1000	U	1000	110	ug/L			05/06/22 18:10	100
Acetone	1000	U	1000	540	ug/L			05/06/22 18:10	100
Benzene	100	U	100	42	ug/L			05/06/22 18:10	100
Bromoform	100	U	100	76	ug/L			05/06/22 18:10	100
Bromomethane	100	U	100	42	ug/L			05/06/22 18:10	100
Carbon disulfide	100	U	100	59	ug/L			05/06/22 18:10	100
Carbon tetrachloride	100	U	100	26	ug/L			05/06/22 18:10	100
Chlorobenzene	100	U	100	38	ug/L			05/06/22 18:10	100
Chloroethane	100	U	100	83	ug/L			05/06/22 18:10	100
Chloroform	100	U	100	47	ug/L			05/06/22 18:10	100
Chloromethane	100	U	100	63	ug/L			05/06/22 18:10	100
cis-1,2-Dichloroethene	**2100**		100	46	ug/L			05/06/22 18:10	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/06/22 18:10	100
Dichlorobromomethane	100	U	100	17	ug/L			05/06/22 18:10	100
Ethylbenzene	100	U	100	42	ug/L			05/06/22 18:10	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/06/22 18:10	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/06/22 18:10	100
Methylene Chloride	500	U	500	260	ug/L			05/06/22 18:10	100
Styrene	100	U	100	45	ug/L			05/06/22 18:10	100
Tetrachloroethene	100	U	100	44	ug/L			05/06/22 18:10	100
Toluene	100	U	100	44	ug/L			05/06/22 18:10	100
trans-1,2-Dichloroethene	**63**	**J**	100	51	ug/L			05/06/22 18:10	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/06/22 18:10	100
Trichloroethene	100	U	100	44	ug/L			05/06/22 18:10	100
Vinyl chloride	**410**		100	45	ug/L			05/06/22 18:10	100
Xylenes, Total	200	U	200	42	ug/L			05/06/22 18:10	100

Client Sample ID: GW-042922-SS-025 Lab Sample ID: 240-165834-26

Date Collected: 04/29/22 14:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	100	U	100	39	ug/L			05/06/22 18:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/06/22 18:10*	*100*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/06/22 18:10*	*100*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/06/22 18:10*	*100*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*05/06/22 18:10*	*100*

Client Sample ID: GW-042922-SS-026 Lab Sample ID: 240-165834-27

Date Collected: 04/29/22 16:25 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/06/22 18:33	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/06/22 18:33	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/06/22 18:33	100
1,1-Dichloroethane	**94**	**J**	100	47	ug/L			05/06/22 18:33	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/06/22 18:33	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/06/22 18:33	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/06/22 18:33	100
2-Hexanone	1000	U	1000	110	ug/L			05/06/22 18:33	100
Acetone	1000	U	1000	540	ug/L			05/06/22 18:33	100
Benzene	100	U	100	42	ug/L			05/06/22 18:33	100
Bromoform	100	U	100	76	ug/L			05/06/22 18:33	100
Bromomethane	100	U	100	42	ug/L			05/06/22 18:33	100
Carbon disulfide	100	U	100	59	ug/L			05/06/22 18:33	100
Carbon tetrachloride	100	U	100	26	ug/L			05/06/22 18:33	100
Chlorobenzene	100	U	100	38	ug/L			05/06/22 18:33	100
Chloroethane	100	U	100	83	ug/L			05/06/22 18:33	100
Chloroform	100	U	100	47	ug/L			05/06/22 18:33	100
Chloromethane	100	U	100	63	ug/L			05/06/22 18:33	100
cis-1,2-Dichloroethene	**3200**		100	46	ug/L			05/06/22 18:33	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/06/22 18:33	100
Dichlorobromomethane	100	U	100	17	ug/L			05/06/22 18:33	100
Ethylbenzene	100	U	100	42	ug/L			05/06/22 18:33	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/06/22 18:33	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/06/22 18:33	100
Methylene Chloride	500	U	500	260	ug/L			05/06/22 18:33	100
Styrene	100	U	100	45	ug/L			05/06/22 18:33	100
Tetrachloroethene	100	U	100	44	ug/L			05/06/22 18:33	100
Toluene	100	U	100	44	ug/L			05/06/22 18:33	100
trans-1,2-Dichloroethene	**110**		100	51	ug/L			05/06/22 18:33	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/06/22 18:33	100
Trichloroethene	**970**		100	44	ug/L			05/06/22 18:33	100
Vinyl chloride	**110**		100	45	ug/L			05/06/22 18:33	100
Xylenes, Total	200	U	200	42	ug/L			05/06/22 18:33	100
Chlorodibromomethane	100	U	100	39	ug/L			05/06/22 18:33	100

Client Sample ID: GW-042922-SS-026 Lab Sample ID: 240-165834-27

Date Collected: 04/29/22 16:25 **Matrix: Water**
Date Received: 04/30/22 09:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 18:33*	*100*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 18:33*	*100*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/06/22 18:33*	*100*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 18:33*	*100*

Client Sample ID: EB-042922-SS-002 Lab Sample ID: 240-165834-28

Date Collected: 04/29/22 11:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 18:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 18:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 18:55	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 18:55	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 18:55	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 18:55	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 18:55	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 18:55	1
Acetone	10	U	10	5.4	ug/L			05/06/22 18:55	1
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 18:55	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 18:55	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 18:55	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 18:55	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 18:55	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 18:55	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 18:55	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 18:55	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 18:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/06/22 18:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 18:55	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 18:55	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 18:55	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/06/22 18:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 18:55	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 18:55	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 18:55	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 18:55	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 18:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 18:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 18:55	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 18:55	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 18:55	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 18:55	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/06/22 18:55*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*05/06/22 18:55*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/06/22 18:55*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/06/22 18:55*	*1*

Client Sample ID: TB-042922-SS-001 Lab Sample ID: 240-165834-29

Date Collected: 04/29/22 16:50 **Matrix: Water**
Date Received: 04/30/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 19:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 19:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 19:17	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 19:17	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 19:17	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 19:17	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 19:17	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 19:17	1
Acetone	10	U	10	5.4	ug/L			05/06/22 19:17	1
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 19:17	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 19:17	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 19:17	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 19:17	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 19:17	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 19:17	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 19:17	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 19:17	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 19:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/06/22 19:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 19:17	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 19:17	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 19:17	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/06/22 19:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 19:17	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 19:17	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 19:17	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 19:17	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 19:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 19:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 19:17	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 19:17	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 19:17	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 19:17	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*05/06/22 19:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/06/22 19:17*	*1*
Toluene-d8 (Surr)	*105*		*78 - 122*		*05/06/22 19:17*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*05/06/22 19:17*	*1*

Surrogate Summary

Client: GHD Services Inc.
Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-165834-1	GW-042522-SS-001	101	97	104	94
240-165834-2	GW-042522-SS-002	103	95	102	94
240-165834-3	GW-042522-SS-003	101	95	102	94
240-165834-4	GW-042522-SS-004	103	93	102	95
240-165834-5	GW-042522-SS-005	101	94	103	93
240-165834-6	GW-042522-SS-006	101	93	101	93
240-165834-7	GW-042622-SS-007	98	92	102	91
240-165834-8	GW-042622-SS-008	100	94	102	94
240-165834-9	GW-042622-SS-009	102	93	102	93
240-165834-9 MS	GW-042622-SS-009	97	106	107	94
240-165834-9 MSD	GW-042622-SS-009	95	107	105	92
240-165834-10	GW-042622-SS-010	100	91	99	93
240-165834-11	EB-042622-SS-001	102	94	103	93
240-165834-12	GW-042722-SS-011	103	92	101	94
240-165834-13	GW-042722-SS-012	102	92	101	93
240-165834-14	GW-042722-SS-013	103	95	102	94
240-165834-15	GW-042722-SS-014	99	95	103	93
240-165834-16	GW-042722-SS-015	102	94	103	93
240-165834-17	GW-042822-SS-016	102	95	103	94
240-165834-17 MS	GW-042822-SS-016	95	103	104	91
240-165834-17 MSD	GW-042822-SS-016	95	105	105	91
240-165834-18	GW-042822-SS-017	99	97	101	93
240-165834-19	GW-042822-SS-018	100	93	103	93
240-165834-20	GW-042822-SS-019	100	95	104	93
240-165834-21	GW-042822-SS-020	101	94	103	94
240-165834-22	GW-042822-SS-021	100	95	103	94
240-165834-23	GW-042822-SS-022	103	95	104	95
240-165834-24	GW-042922-SS-023	101	93	104	94
240-165834-25	GW-042922-SS-024	106	92	103	95
240-165834-26	GW-042922-SS-025	103	93	103	95
240-165834-27	GW-042922-SS-026	101	95	104	93
240-165834-28	EB-042922-SS-002	102	93	101	93
240-165834-29	TB-042922-SS-001	103	94	105	94
LCS 240-525213/5	Lab Control Sample	95	103	103	93
LCS 240-525392/5	Lab Control Sample	96	107	106	93
MB 240-525213/8	Method Blank	102	94	101	93
MB 240-525392/8	Method Blank	101	95	102	92

Surrogate Legend

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

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

Lab Sample ID: MB 240-525213/8
Matrix: Water
Analysis Batch: 525213

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 11:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/05/22 11:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/05/22 11:31	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/05/22 11:31	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/05/22 11:31	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/05/22 11:31	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/05/22 11:31	1
2-Hexanone	10	U	10	1.1	ug/L			05/05/22 11:31	1
Acetone	10	U	10	5.4	ug/L			05/05/22 11:31	1
Benzene	1.0	U	1.0	0.42	ug/L			05/05/22 11:31	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/05/22 11:31	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/05/22 11:31	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/05/22 11:31	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/05/22 11:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/05/22 11:31	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/05/22 11:31	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/05/22 11:31	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/05/22 11:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/05/22 11:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/05/22 11:31	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/05/22 11:31	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/05/22 11:31	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/05/22 11:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/05/22 11:31	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/05/22 11:31	1
Styrene	1.0	U	1.0	0.45	ug/L			05/05/22 11:31	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 11:31	1
Toluene	1.0	U	1.0	0.44	ug/L			05/05/22 11:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/05/22 11:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/05/22 11:31	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/05/22 11:31	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/05/22 11:31	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/05/22 11:31	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/05/22 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/05/22 11:31*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*05/05/22 11:31*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/05/22 11:31*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/05/22 11:31*	*1*

Lab Sample ID: LCS 240-525213/5
Matrix: Water
Analysis Batch: 525213

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	18.7		ug/L		94	64 - 131		
1,1,2,2-Tetrachloroethane			20.0	20.9		ug/L		105	58 - 157		

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

Lab Sample ID: LCS 240-525213/5
Matrix: Water
Analysis Batch: 525213

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	70 - 138
1,1-Dichloroethane	20.0	18.6		ug/L		93	72 - 127
1,1-Dichloroethene	20.0	19.2		ug/L		96	63 - 134
1,2-Dichloroethane	20.0	18.9		ug/L		95	66 - 128
1,2-Dichloropropane	20.0	18.9		ug/L		95	75 - 133
2-Hexanone	40.0	45.0		ug/L		113	43 - 167
Acetone	40.0	37.2		ug/L		93	50 - 149
Benzene	20.0	19.1		ug/L		96	77 - 123
Bromoform	20.0	20.7		ug/L		104	57 - 129
Bromomethane	20.0	17.7		ug/L		88	36 - 142
Carbon disulfide	20.0	17.2		ug/L		86	43 - 140
Carbon tetrachloride	20.0	19.1		ug/L		96	55 - 137
Chlorobenzene	20.0	19.9		ug/L		100	80 - 121
Chloroethane	20.0	17.3		ug/L		86	38 - 152
Chloroform	20.0	18.9		ug/L		95	74 - 122
Chloromethane	20.0	18.4		ug/L		92	47 - 143
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	77 - 123
cis-1,3-Dichloropropene	20.0	19.3		ug/L		96	64 - 130
Dichlorobromomethane	20.0	19.2		ug/L		96	69 - 126
Ethylbenzene	20.0	20.6		ug/L		103	80 - 121
m-Xylene & p-Xylene	20.0	20.9		ug/L		104	80 - 120
2-Butanone (MEK)	40.0	36.8		ug/L		92	54 - 156
4-Methyl-2-pentanone (MIBK)	40.0	38.5		ug/L		96	46 - 158
Methylene Chloride	20.0	19.2		ug/L		96	71 - 125
o-Xylene	20.0	21.2		ug/L		106	80 - 123
Styrene	20.0	21.3		ug/L		107	80 - 135
Tetrachloroethene	20.0	20.5		ug/L		103	76 - 123
Toluene	20.0	20.3		ug/L		102	80 - 123
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	75 - 124
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	57 - 129
Trichloroethene	20.0	18.6		ug/L		93	70 - 122
Vinyl chloride	20.0	18.9		ug/L		95	60 - 144
Xylenes, Total	40.0	42.1		ug/L		105	80 - 121
Chlorodibromomethane	20.0	20.7		ug/L		103	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*
Toluene-d8 (Surr)	*103*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*

Lab Sample ID: 240-165834-9 MS
Matrix: Water
Analysis Batch: 525213

Client Sample ID: GW-042622-SS-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	100	U	2000	1780		ug/L		89	60 - 130
1,1,2,2-Tetrachloroethane	100	U	2000	2210		ug/L		110	54 - 145

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

Lab Sample ID: 240-165834-9 MS **Client Sample ID: GW-042622-SS-009**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 525213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	100	U	2000	2200		ug/L		110	69 - 131
1,1-Dichloroethane	100	U	2000	1870		ug/L		94	68 - 125
1,1-Dichloroethene	100	U	2000	1870		ug/L		93	56 - 135
1,2-Dichloroethane	100	U	2000	1910		ug/L		95	63 - 126
1,2-Dichloropropane	100	U	2000	1880		ug/L		94	69 - 130
2-Hexanone	1000	U	4000	4580		ug/L		115	35 - 156
Acetone	1000	U	4000	3780		ug/L		94	33 - 149
Benzene	100	U	2000	1870		ug/L		94	64 - 128
Bromoform	100	U	2000	2050		ug/L		102	47 - 125
Bromomethane	100	U	2000	1680		ug/L		84	28 - 150
Carbon disulfide	100	U	2000	1650		ug/L		83	38 - 140
Carbon tetrachloride	100	U	2000	1790		ug/L		89	51 - 133
Chlorobenzene	100	U	2000	1960		ug/L		98	74 - 121
Chloroethane	100	U	2000	1650		ug/L		83	10 - 199
Chloroform	100	U	2000	1870		ug/L		93	70 - 122
Chloromethane	100	U	2000	1730		ug/L		86	32 - 149
cis-1,2-Dichloroethene	2900		2000	4650		ug/L		88	66 - 128
cis-1,3-Dichloropropene	100	U	2000	1770		ug/L		88	47 - 125
Dichlorobromomethane	100	U	2000	1870		ug/L		93	62 - 125
Ethylbenzene	100	U	2000	1970		ug/L		99	67 - 127
m-Xylene & p-Xylene	200	U	2000	2000		ug/L		100	71 - 123
2-Butanone (MEK)	1000	U	4000	3820		ug/L		96	40 - 151
4-Methyl-2-pentanone (MIBK)	1000	U	4000	3880		ug/L		97	31 - 153
Methylene Chloride	500	U	2000	1970		ug/L		98	62 - 129
o-Xylene	100	U	2000	2080		ug/L		104	70 - 125
Styrene	100	U	2000	2100		ug/L		105	70 - 139
Tetrachloroethene	100	U	2000	1900		ug/L		95	62 - 131
Toluene	100	U	2000	2020		ug/L		101	58 - 135
trans-1,2-Dichloroethene	100	U	2000	1870		ug/L		94	56 - 136
trans-1,3-Dichloropropene	100	U	2000	2000		ug/L		100	47 - 120
Trichloroethene	100	U	2000	1770		ug/L		88	61 - 124
Vinyl chloride	160		2000	1890		ug/L		87	43 - 157
Xylenes, Total	200	U	4000	4080		ug/L		102	71 - 123
Chlorodibromomethane	100	U	2000	2110		ug/L		106	65 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*
4-Bromofluorobenzene (Surr)	*106*		*56 - 136*
Toluene-d8 (Surr)	*107*		*78 - 122*
Dibromofluoromethane (Surr)	*94*		*73 - 120*

Lab Sample ID: 240-165834-9 MSD **Client Sample ID: GW-042622-SS-009**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 525213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	100	U	2000	1860		ug/L		93	60 - 130	5	17
1,1,2,2-Tetrachloroethane	100	U	2000	2210		ug/L		110	54 - 145	0	15

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

Lab Sample ID: 240-165834-9 MSD
Client Sample ID: GW-042622-SS-009
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 525213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	100	U	2000	2160		ug/L		108	69 - 131	2	14
1,1-Dichloroethane	100	U	2000	1930		ug/L		97	68 - 125	3	13
1,1-Dichloroethene	100	U	2000	1920		ug/L		96	56 - 135	3	26
1,2-Dichloroethane	100	U	2000	1900		ug/L		95	63 - 126	1	12
1,2-Dichloropropane	100	U	2000	1910		ug/L		95	69 - 130	1	13
2-Hexanone	1000	U	4000	4530		ug/L		113	35 - 156	1	17
Acetone	1000	U	4000	3770		ug/L		94	33 - 149	0	34
Benzene	100	U	2000	1920		ug/L		96	64 - 128	3	14
Bromoform	100	U	2000	2070		ug/L		104	47 - 125	1	15
Bromomethane	100	U	2000	1700		ug/L		85	28 - 150	1	26
Carbon disulfide	100	U	2000	1750		ug/L		87	38 - 140	6	23
Carbon tetrachloride	100	U	2000	1830		ug/L		92	51 - 133	3	24
Chlorobenzene	100	U	2000	1990		ug/L		100	74 - 121	2	14
Chloroethane	100	U	2000	1690		ug/L		84	10 - 199	2	30
Chloroform	100	U	2000	1880		ug/L		94	70 - 122	1	14
Chloromethane	100	U	2000	1790		ug/L		90	32 - 149	4	27
cis-1,2-Dichloroethene	2900		2000	4710		ug/L		91	66 - 128	1	14
cis-1,3-Dichloropropene	100	U	2000	1820		ug/L		91	47 - 125	3	13
Dichlorobromomethane	100	U	2000	1900		ug/L		95	62 - 125	2	13
Ethylbenzene	100	U	2000	2070		ug/L		103	67 - 127	5	15
m-Xylene & p-Xylene	200	U	2000	2080		ug/L		104	71 - 123	4	16
2-Butanone (MEK)	1000	U	4000	3780		ug/L		94	40 - 151	1	20
4-Methyl-2-pentanone (MIBK)	1000	U	4000	3890		ug/L		97	31 - 153	0	15
Methylene Chloride	500	U	2000	1950		ug/L		97	62 - 129	1	17
o-Xylene	100	U	2000	2150		ug/L		107	70 - 125	3	15
Styrene	100	U	2000	2160		ug/L		108	70 - 139	3	18
Tetrachloroethene	100	U	2000	1990		ug/L		99	62 - 131	5	20
Toluene	100	U	2000	2060		ug/L		103	58 - 135	2	14
trans-1,2-Dichloroethene	100	U	2000	1920		ug/L		96	56 - 136	3	15
trans-1,3-Dichloropropene	100	U	2000	2010		ug/L		101	47 - 120	1	14
Trichloroethene	100	U	2000	1820		ug/L		91	61 - 124	3	15
Vinyl chloride	160		2000	1950		ug/L		90	43 - 157	3	24
Xylenes, Total	200	U	4000	4230		ug/L		106	71 - 123	4	15
Chlorodibromomethane	100	U	2000	2070		ug/L		104	65 - 120	2	13

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*92*		*73 - 120*

Lab Sample ID: MB 240-525392/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 525392

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 11:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/06/22 11:28	1

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

Lab Sample ID: MB 240-525392/8
Matrix: Water
Analysis Batch: 525392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/06/22 11:28	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/06/22 11:28	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/06/22 11:28	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/06/22 11:28	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/06/22 11:28	1
2-Hexanone	10	U	10	1.1	ug/L			05/06/22 11:28	1
Acetone	10	U	10	5.4	ug/L			05/06/22 11:28	1
Benzene	1.0	U	1.0	0.42	ug/L			05/06/22 11:28	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/06/22 11:28	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/06/22 11:28	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/06/22 11:28	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/06/22 11:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/06/22 11:28	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/06/22 11:28	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/06/22 11:28	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/06/22 11:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/06/22 11:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/06/22 11:28	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/06/22 11:28	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/06/22 11:28	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/06/22 11:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/06/22 11:28	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/06/22 11:28	1
Styrene	1.0	U	1.0	0.45	ug/L			05/06/22 11:28	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 11:28	1
Toluene	1.0	U	1.0	0.44	ug/L			05/06/22 11:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/06/22 11:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/06/22 11:28	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/06/22 11:28	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/06/22 11:28	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/06/22 11:28	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/06/22 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/06/22 11:28*	*1*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/06/22 11:28*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/06/22 11:28*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/06/22 11:28*	*1*

Lab Sample ID: LCS 240-525392/5
Matrix: Water
Analysis Batch: 525392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	64 - 131
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/L		110	58 - 157
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	70 - 138
1,1-Dichloroethane	20.0	19.0		ug/L		95	72 - 127

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

Lab Sample ID: LCS 240-525392/5
Matrix: Water
Analysis Batch: 525392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	19.7		ug/L		98	63 - 134
1,2-Dichloroethane	20.0	18.9		ug/L		95	66 - 128
1,2-Dichloropropane	20.0	19.3		ug/L		96	75 - 133
2-Hexanone	40.0	46.5		ug/L		116	43 - 167
Acetone	40.0	38.1		ug/L		95	50 - 149
Benzene	20.0	19.1		ug/L		95	77 - 123
Bromoform	20.0	20.6		ug/L		103	57 - 129
Bromomethane	20.0	17.1		ug/L		86	36 - 142
Carbon disulfide	20.0	18.8		ug/L		94	43 - 140
Carbon tetrachloride	20.0	19.6		ug/L		98	55 - 137
Chlorobenzene	20.0	20.7		ug/L		103	80 - 121
Chloroethane	20.0	17.2		ug/L		86	38 - 152
Chloroform	20.0	18.7		ug/L		94	74 - 122
Chloromethane	20.0	18.3		ug/L		91	47 - 143
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	77 - 123
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	64 - 130
Dichlorobromomethane	20.0	18.9		ug/L		94	69 - 126
Ethylbenzene	20.0	21.4		ug/L		107	80 - 121
m-Xylene & p-Xylene	20.0	21.8		ug/L		109	80 - 120
2-Butanone (MEK)	40.0	35.8		ug/L		89	54 - 156
4-Methyl-2-pentanone (MIBK)	40.0	39.9		ug/L		100	46 - 158
Methylene Chloride	20.0	19.3		ug/L		97	71 - 125
o-Xylene	20.0	22.0		ug/L		110	80 - 123
Styrene	20.0	22.2		ug/L		111	80 - 135
Tetrachloroethene	20.0	21.0		ug/L		105	76 - 123
Toluene	20.0	20.9		ug/L		105	80 - 123
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	75 - 124
trans-1,3-Dichloropropene	20.0	21.3		ug/L		107	57 - 129
Trichloroethene	20.0	18.6		ug/L		93	70 - 122
Vinyl chloride	20.0	18.7		ug/L		93	60 - 144
Xylenes, Total	40.0	43.8		ug/L		110	80 - 121
Chlorodibromomethane	20.0	21.2		ug/L		106	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*106*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*

Lab Sample ID: 240-165834-17 MS
Matrix: Water
Analysis Batch: 525392

Client Sample ID: GW-042822-SS-016
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	120		2000	1980		ug/L		93	60 - 130
1,1,2,2-Tetrachloroethane	100	U	2000	2150		ug/L		108	54 - 145
1,1,2-Trichloroethane	100	U	2000	2150		ug/L		108	69 - 131
1,1-Dichloroethane	100	U	2000	1900		ug/L		95	68 - 125

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

Lab Sample ID: 240-165834-17 MS **Client Sample ID: GW-042822-SS-016**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 525392

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	100	U	2000	1990		ug/L		99	56 - 135
1,2-Dichloroethane	100	U	2000	1880		ug/L		94	63 - 126
1,2-Dichloropropane	100	U	2000	1920		ug/L		96	69 - 130
2-Hexanone	1000	U	4000	4520		ug/L		113	35 - 156
Acetone	1000	U	4000	4000		ug/L		100	33 - 149
Benzene	100	U	2000	1920		ug/L		96	64 - 128
Bromoform	100	U	2000	2060		ug/L		103	47 - 125
Bromomethane	100	U	2000	1720		ug/L		86	28 - 150
Carbon disulfide	100	U	2000	1790		ug/L		90	38 - 140
Carbon tetrachloride	100	U	2000	1900		ug/L		95	51 - 133
Chlorobenzene	100	U	2000	2050		ug/L		102	74 - 121
Chloroethane	100	U	2000	1730		ug/L		87	10 - 199
Chloroform	100	U	2000	1900		ug/L		95	70 - 122
Chloromethane	100	U	2000	1800		ug/L		90	32 - 149
cis-1,2-Dichloroethene	2500		2000	4320		ug/L		89	66 - 128
cis-1,3-Dichloropropene	100	U	2000	1860		ug/L		93	47 - 125
Dichlorobromomethane	100	U	2000	1890		ug/L		95	62 - 125
Ethylbenzene	100	U	2000	2140		ug/L		107	67 - 127
m-Xylene & p-Xylene	200	U	2000	2150		ug/L		108	71 - 123
2-Butanone (MEK)	1000	U	4000	3880		ug/L		97	40 - 151
4-Methyl-2-pentanone (MIBK)	1000	U	4000	3860		ug/L		97	31 - 153
Methylene Chloride	500	U	2000	1960		ug/L		98	62 - 129
o-Xylene	100	U	2000	2220		ug/L		111	70 - 125
Styrene	100	U	2000	2220		ug/L		111	70 - 139
Tetrachloroethene	100	U	2000	2050		ug/L		102	62 - 131
Toluene	100	U	2000	2090		ug/L		105	58 - 135
trans-1,2-Dichloroethene	100	U	2000	1920		ug/L		96	56 - 136
trans-1,3-Dichloropropene	100	U	2000	2030		ug/L		102	47 - 120
Trichloroethene	1900		2000	3590		ug/L		86	61 - 124
Vinyl chloride	100	U	2000	1850		ug/L		93	43 - 157
Xylenes, Total	200	U	4000	4370		ug/L		109	71 - 123
Chlorodibromomethane	100	U	2000	2070		ug/L		103	65 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*
Toluene-d8 (Surr)	*104*		*78 - 122*
Dibromofluoromethane (Surr)	*91*		*73 - 120*

Lab Sample ID: 240-165834-17 MSD **Client Sample ID: GW-042822-SS-016**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 525392

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	120		2000	2000		ug/L		94	60 - 130	1	17
1,1,2,2-Tetrachloroethane	100	U	2000	2220		ug/L		111	54 - 145	3	15
1,1,2-Trichloroethane	100	U	2000	2140		ug/L		107	69 - 131	1	14
1,1-Dichloroethane	100	U	2000	1900		ug/L		95	68 - 125	0	13

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

Lab Sample ID: 240-165834-17 MSD **Client Sample ID: GW-042822-SS-016**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 525392

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	100	U	2000	1930		ug/L		96	56 - 135	3	26
1,2-Dichloroethane	100	U	2000	1870		ug/L		93	63 - 126	1	12
1,2-Dichloropropane	100	U	2000	1910		ug/L		95	69 - 130	0	13
2-Hexanone	1000	U	4000	4600		ug/L		115	35 - 156	2	17
Acetone	1000	U	4000	3830		ug/L		96	33 - 149	4	34
Benzene	100	U	2000	1900		ug/L		95	64 - 128	1	14
Bromoform	100	U	2000	2000		ug/L		100	47 - 125	3	15
Bromomethane	100	U	2000	1660		ug/L		83	28 - 150	3	26
Carbon disulfide	100	U	2000	1760		ug/L		88	38 - 140	2	23
Carbon tetrachloride	100	U	2000	1900		ug/L		95	51 - 133	0	24
Chlorobenzene	100	U	2000	2000		ug/L		100	74 - 121	2	14
Chloroethane	100	U	2000	1670		ug/L		83	10 - 199	4	30
Chloroform	100	U	2000	1860		ug/L		93	70 - 122	2	14
Chloromethane	100	U	2000	1740		ug/L		87	32 - 149	4	27
cis-1,2-Dichloroethene	2500		2000	4340		ug/L		90	66 - 128	1	14
cis-1,3-Dichloropropene	100	U	2000	1880		ug/L		94	47 - 125	1	13
Dichlorobromomethane	100	U	2000	1880		ug/L		94	62 - 125	1	13
Ethylbenzene	100	U	2000	2100		ug/L		105	67 - 127	1	15
m-Xylene & p-Xylene	200	U	2000	2110		ug/L		106	71 - 123	2	16
2-Butanone (MEK)	1000	U	4000	3780		ug/L		95	40 - 151	2	20
4-Methyl-2-pentanone (MIBK)	1000	U	4000	3910		ug/L		98	31 - 153	1	15
Methylene Chloride	500	U	2000	1920		ug/L		96	62 - 129	2	17
o-Xylene	100	U	2000	2170		ug/L		108	70 - 125	3	15
Styrene	100	U	2000	2170		ug/L		108	70 - 139	2	18
Tetrachloroethene	100	U	2000	2020		ug/L		101	62 - 131	1	20
Toluene	100	U	2000	2070		ug/L		103	58 - 135	1	14
trans-1,2-Dichloroethene	100	U	2000	1910		ug/L		96	56 - 136	0	15
trans-1,3-Dichloropropene	100	U	2000	2080		ug/L		104	47 - 120	2	14
Trichloroethene	1900		2000	3570		ug/L		85	61 - 124	0	15
Vinyl chloride	100	U	2000	1770		ug/L		89	43 - 157	4	24
Xylenes, Total	200	U	4000	4280		ug/L		107	71 - 123	2	15
Chlorodibromomethane	100	U	2000	2060		ug/L		103	65 - 120	0	13

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*105*		*56 - 136*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*91*		*73 - 120*

QC Association Summary

Client: GHD Services Inc.
Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

GC/MS VOA

Analysis Batch: 525213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-165834-1	GW-042522-SS-001	Total/NA	Water	8260D	
240-165834-2	GW-042522-SS-002	Total/NA	Water	8260D	
240-165834-3	GW-042522-SS-003	Total/NA	Water	8260D	
240-165834-4	GW-042522-SS-004	Total/NA	Water	8260D	
240-165834-8	GW-042622-SS-008	Total/NA	Water	8260D	
240-165834-9	GW-042622-SS-009	Total/NA	Water	8260D	
240-165834-10	GW-042622-SS-010	Total/NA	Water	8260D	
240-165834-11	EB-042622-SS-001	Total/NA	Water	8260D	
240-165834-12	GW-042722-SS-011	Total/NA	Water	8260D	
240-165834-13	GW-042722-SS-012	Total/NA	Water	8260D	
240-165834-14	GW-042722-SS-013	Total/NA	Water	8260D	
MB 240-525213/8	Method Blank	Total/NA	Water	8260D	
LCS 240-525213/5	Lab Control Sample	Total/NA	Water	8260D	
240-165834-9 MS	GW-042622-SS-009	Total/NA	Water	8260D	
240-165834-9 MSD	GW-042622-SS-009	Total/NA	Water	8260D	

Analysis Batch: 525392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-165834-5	GW-042522-SS-005	Total/NA	Water	8260D	
240-165834-6	GW-042522-SS-006	Total/NA	Water	8260D	
240-165834-7	GW-042622-SS-007	Total/NA	Water	8260D	
240-165834-15	GW-042722-SS-014	Total/NA	Water	8260D	
240-165834-16	GW-042722-SS-015	Total/NA	Water	8260D	
240-165834-17	GW-042822-SS-016	Total/NA	Water	8260D	
240-165834-18	GW-042822-SS-017	Total/NA	Water	8260D	
240-165834-19	GW-042822-SS-018	Total/NA	Water	8260D	
240-165834-20	GW-042822-SS-019	Total/NA	Water	8260D	
240-165834-21	GW-042822-SS-020	Total/NA	Water	8260D	
240-165834-22	GW-042822-SS-021	Total/NA	Water	8260D	
240-165834-23	GW-042822-SS-022	Total/NA	Water	8260D	
240-165834-24	GW-042922-SS-023	Total/NA	Water	8260D	
240-165834-25	GW-042922-SS-024	Total/NA	Water	8260D	
240-165834-26	GW-042922-SS-025	Total/NA	Water	8260D	
240-165834-27	GW-042922-SS-026	Total/NA	Water	8260D	
240-165834-28	EB-042922-SS-002	Total/NA	Water	8260D	
240-165834-29	TB-042922-SS-001	Total/NA	Water	8260D	
MB 240-525392/8	Method Blank	Total/NA	Water	8260D	
LCS 240-525392/5	Lab Control Sample	Total/NA	Water	8260D	
240-165834-17 MS	GW-042822-SS-016	Total/NA	Water	8260D	
240-165834-17 MSD	GW-042822-SS-016	Total/NA	Water	8260D	

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-042522-SS-001 — Lab Sample ID: 240-165834-1

Date Collected: 04/25/22 12:25 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 14:52	TJL1	TAL CAN

Client Sample ID: GW-042522-SS-002 — Lab Sample ID: 240-165834-2

Date Collected: 04/25/22 13:40 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 15:14	TJL1	TAL CAN

Client Sample ID: GW-042522-SS-003 — Lab Sample ID: 240-165834-3

Date Collected: 04/25/22 14:45 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525213	05/05/22 15:36	TJL1	TAL CAN

Client Sample ID: GW-042522-SS-004 — Lab Sample ID: 240-165834-4

Date Collected: 04/25/22 16:30 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 15:59	TJL1	TAL CAN

Client Sample ID: GW-042522-SS-005 — Lab Sample ID: 240-165834-5

Date Collected: 04/25/22 17:45 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		4	525392	05/06/22 11:50	TJL1	TAL CAN

Client Sample ID: GW-042522-SS-006 — Lab Sample ID: 240-165834-6

Date Collected: 04/25/22 17:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		4	525392	05/06/22 12:13	TJL1	TAL CAN

Client Sample ID: GW-042622-SS-007 — Lab Sample ID: 240-165834-7

Date Collected: 04/26/22 11:40 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		80	525392	05/06/22 12:35	TJL1	TAL CAN

Client Sample ID: GW-042622-SS-008 — Lab Sample ID: 240-165834-8

Date Collected: 04/26/22 13:15 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525213	05/05/22 17:28	TJL1	TAL CAN

Client Sample ID: GW-042622-SS-009 — Lab Sample ID: 240-165834-9

Date Collected: 04/26/22 14:10 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525213	05/05/22 17:51	TJL1	TAL CAN

Client Sample ID: GW-042622-SS-010 — Lab Sample ID: 240-165834-10

Date Collected: 04/26/22 15:35 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		200	525213	05/05/22 18:13	TJL1	TAL CAN

Client Sample ID: EB-042622-SS-001 — Lab Sample ID: 240-165834-11

Date Collected: 04/26/22 15:55 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 18:35	TJL1	TAL CAN

Client Sample ID: GW-042722-SS-011 — Lab Sample ID: 240-165834-12

Date Collected: 04/27/22 10:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 18:58	TJL1	TAL CAN

Client Sample ID: GW-042722-SS-012 — Lab Sample ID: 240-165834-13

Date Collected: 04/27/22 11:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 19:20	TJL1	TAL CAN

Client Sample ID: GW-042722-SS-013 — Lab Sample ID: 240-165834-14

Date Collected: 04/27/22 13:35 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525213	05/05/22 19:42	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-042722-SS-014 — Lab Sample ID: 240-165834-15

Date Collected: 04/27/22 15:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		125	525392	05/06/22 12:57	TJL1	TAL CAN

Client Sample ID: GW-042722-SS-015 — Lab Sample ID: 240-165834-16

Date Collected: 04/27/22 15:55 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		125	525392	05/06/22 13:20	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-016 — Lab Sample ID: 240-165834-17

Date Collected: 04/28/22 10:40 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525392	05/06/22 13:42	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-017 — Lab Sample ID: 240-165834-18

Date Collected: 04/28/22 11:45 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525392	05/06/22 14:04	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-018 — Lab Sample ID: 240-165834-19

Date Collected: 04/28/22 12:45 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525392	05/06/22 15:34	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-019 — Lab Sample ID: 240-165834-20

Date Collected: 04/28/22 13:45 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		400	525392	05/06/22 15:56	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-020 — Lab Sample ID: 240-165834-21

Date Collected: 04/28/22 13:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		400	525392	05/06/22 16:18	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-042822-SS-021 — Lab Sample ID: 240-165834-22

Date Collected: 04/28/22 14:40 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1000	525392	05/06/22 16:41	TJL1	TAL CAN

Client Sample ID: GW-042822-SS-022 — Lab Sample ID: 240-165834-23

Date Collected: 04/28/22 16:15 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		400	525392	05/06/22 17:03	TJL1	TAL CAN

Client Sample ID: GW-042922-SS-023 — Lab Sample ID: 240-165834-24

Date Collected: 04/29/22 11:35 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		40	525392	05/06/22 17:26	TJL1	TAL CAN

Client Sample ID: GW-042922-SS-024 — Lab Sample ID: 240-165834-25

Date Collected: 04/29/22 12:55 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525392	05/06/22 17:48	TJL1	TAL CAN

Client Sample ID: GW-042922-SS-025 — Lab Sample ID: 240-165834-26

Date Collected: 04/29/22 14:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525392	05/06/22 18:10	TJL1	TAL CAN

Client Sample ID: GW-042922-SS-026 — Lab Sample ID: 240-165834-27

Date Collected: 04/29/22 16:25 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	525392	05/06/22 18:33	TJL1	TAL CAN

Client Sample ID: EB-042922-SS-002 — Lab Sample ID: 240-165834-28

Date Collected: 04/29/22 11:50 **Matrix: Water**
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525392	05/06/22 18:55	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc.
Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: TB-042922-SS-001
Lab Sample ID: 240-165834-29

Date Collected: 04/29/22 16:50
Matrix: Water
Date Received: 04/30/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	525392	05/06/22 19:17	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Laboratory: Eurofins Canton

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-22
Georgia	State	4062	02-23-22 *
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-22-16	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GHD Services Inc. Job ID: 240-165834-1
Project/Site: 11209506, MLK - Anderson, IN

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: GHD Services Inc.
Project/Site: 11209506, MLK - Anderson, IN

Job ID: 240-165834-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-165834-1	GW-042522-SS-001	Water	04/25/22 12:25	04/30/22 09:30
240-165834-2	GW-042522-SS-002	Water	04/25/22 13:40	04/30/22 09:30
240-165834-3	GW-042522-SS-003	Water	04/25/22 14:45	04/30/22 09:30
240-165834-4	GW-042522-SS-004	Water	04/25/22 16:30	04/30/22 09:30
240-165834-5	GW-042522-SS-005	Water	04/25/22 17:45	04/30/22 09:30
240-165834-6	GW-042522-SS-006	Water	04/25/22 17:50	04/30/22 09:30
240-165834-7	GW-042622-SS-007	Water	04/26/22 11:40	04/30/22 09:30
240-165834-8	GW-042622-SS-008	Water	04/26/22 13:15	04/30/22 09:30
240-165834-9	GW-042622-SS-009	Water	04/26/22 14:10	04/30/22 09:30
240-165834-10	GW-042622-SS-010	Water	04/26/22 15:35	04/30/22 09:30
240-165834-11	EB-042622-SS-001	Water	04/26/22 15:55	04/30/22 09:30
240-165834-12	GW-042722-SS-011	Water	04/27/22 10:50	04/30/22 09:30
240-165834-13	GW-042722-SS-012	Water	04/27/22 11:50	04/30/22 09:30
240-165834-14	GW-042722-SS-013	Water	04/27/22 13:35	04/30/22 09:30
240-165834-15	GW-042722-SS-014	Water	04/27/22 15:50	04/30/22 09:30
240-165834-16	GW-042722-SS-015	Water	04/27/22 15:55	04/30/22 09:30
240-165834-17	GW-042822-SS-016	Water	04/28/22 10:40	04/30/22 09:30
240-165834-18	GW-042822-SS-017	Water	04/28/22 11:45	04/30/22 09:30
240-165834-19	GW-042822-SS-018	Water	04/28/22 12:45	04/30/22 09:30
240-165834-20	GW-042822-SS-019	Water	04/28/22 13:45	04/30/22 09:30
240-165834-21	GW-042822-SS-020	Water	04/28/22 13:50	04/30/22 09:30
240-165834-22	GW-042822-SS-021	Water	04/28/22 14:40	04/30/22 09:30
240-165834-23	GW-042822-SS-022	Water	04/28/22 16:15	04/30/22 09:30
240-165834-24	GW-042922-SS-023	Water	04/29/22 11:35	04/30/22 09:30
240-165834-25	GW-042922-SS-024	Water	04/29/22 12:55	04/30/22 09:30
240-165834-26	GW-042922-SS-025	Water	04/29/22 14:50	04/30/22 09:30
240-165834-27	GW-042922-SS-026	Water	04/29/22 16:25	04/30/22 09:30
240-165834-28	EB-042922-SS-002	Water	04/29/22 11:50	04/30/22 09:30
240-165834-29	TB-042922-SS-001	Water	04/29/22 16:50	04/30/22 09:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 524469

Lab Sample ID: STD8260 240-524469/9 IC Client Sample ID:

Date Analyzed: 04/29/22 11:07 Lab File ID: U1927189.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	laveyt	04/29/22 14:19
Methylene Chloride		Invalid Compound ID	laveyt	04/29/22 14:19
n-Heptane		Invalid Compound ID	laveyt	04/29/22 14:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 525213

Lab Sample ID: 240-165834-3 Client Sample ID: GW-042522-SS-003

Date Analyzed: 05/05/22 15:36 Lab File ID: U1927314.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/06/22 08:18

Lab Sample ID: 240-165834-8 Client Sample ID: GW-042622-SS-008

Date Analyzed: 05/05/22 17:28 Lab File ID: U1927319.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/06/22 08:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 525392

Lab Sample ID: 240-165834-7 Client Sample ID: GW-042622-SS-007

Date Analyzed: 05/06/22 12:35 Lab File ID: U1927336.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/06/22 13:26

Lab Sample ID: 240-165834-17 Client Sample ID: GW-042822-SS-016

Date Analyzed: 05/06/22 13:42 Lab File ID: U1927339.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/06/22 14:04

Lab Sample ID: 240-165834-18 Client Sample ID: GW-042822-SS-017

Date Analyzed: 05/06/22 14:04 Lab File ID: U1927340.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride		Invalid Compound ID	laveyt	05/06/22 14:22

Lab Sample ID: 240-165834-27 Client Sample ID: GW-042922-SS-026

Date Analyzed: 05/06/22 18:33 Lab File ID: U1927352.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/09/22 07:59

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
vm50is_stk_A_00011	09/18/22	03/18/22	MEOH, Lot 273166	50 mL	vm30241_00008	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00008	10/31/24		restek, Lot A0154377		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_stk_00091	06/20/22	12/20/21	MEOH, Lot 0000273166	200 mL	VM567650_00035	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00035	11/30/23		Restek, Lot A0143613		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vmarolistdw_00435	05/04/22	04/27/22	MEOH, Lot na	5 mL	VMACROLSTD_00106	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00106	05/27/22	04/27/22	MEOH, Lot 0000273166	20 mL	VM568720_00042	0.25 mL	Acrolein	250 ug/mL
..VM568720_00042	02/28/23		restek, Lot A0175809		(Purchased Reagent)		Acrolein	20000 ug/mL
vmbfb_00028							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					vm30026_00003	1.25 mL	BFB	50 ug/mL
.vm30026_00003	08/31/23		restek, Lot A0141187		(Purchased Reagent)		BFB	2000 ug/mL
VMFASGW_00452	05/04/22	04/27/22	MEOH, Lot NA	5 mL	VMFASG_00118	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00118	05/27/22	04/27/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00453	05/12/22	05/05/22	MEOH, Lot NA	5 mL	VMFASG_00118	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00118	05/27/22	04/27/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..vm569722S_00010	04/30/23		Restek, Lot A0159768		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASPW_00442	05/06/22	04/29/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967		(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
..VM571992S_00008	06/30/23		Restek, Lot A0167172		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
vmrgas_00424	05/01/22	04/24/22	MEOH, Lot 0000273166	10 mL	vm569722_00020	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00020	04/30/24		Restek, Lot A0171131		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00425	05/09/22	05/02/22	MEOH, Lot 0000273166	10 mL	vm569722_00020	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00020	04/30/24		Restek, Lot A0171131		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
vmrprimw_00479	04/29/22	04/22/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723_00010	2 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00026	0.5 mL	Vinyl acetate	50 ug/mL
					VM571992_00005	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956		(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
..VM569723_00010	09/30/24		restek, Lot A0176827		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00026	07/31/22		Restek, Lot A0168154		(Purchased Reagent)		Vinyl acetate	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
VMRPRIMW_00479	04/29/22	04/22/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM571992_00005	1 mL	Xylenes, Total	100 ug/mL
..VM571992_00005	10/31/22	Restek, Lot A0159680			(Purchased Reagent)		Xylenes, Total	5000 ug/mL
VMRPRIMW_00480	05/06/22	04/29/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992_00005	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956		(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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL

Reagent

vm30026_00003

Rec: 11/28/18
VM30026-00003

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30026 **Lot No.:** A0141187

Description : 4-Bromofluorobenzene Mixture

4-Bromofluorobenzene 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1-Bromo-4-fluorobenzene (BFB)	2,004.7 µg/mL	+/- 11.7645	µg/mL	Gravimetric
	CAS # 460-00-4 (Lot 20401KO)		+/- 112.4110	µg/mL	Unstressed
	Purity 99%		+/- 115.0408	µg/mL	Stressed

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

Reagent

VM567650_00035

Rec: 12/4/19
VM567650_00035

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Catalog No. : 567650 **Lot No.:** A0143613

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dibromofluoromethane **CAS #** 1868-53-7 (Lot 0012017) **Purity** 99%	2,506.4 µg/mL	+/- 14.5724 µg/mL +/- 140.5314 µg/mL +/- 143.8196 µg/mL	Gravimetric Unstressed Stressed
2	1,2-Dichloroethane-d4 **CAS #** 17060-07-0 (Lot PR-29377) **Purity** 99%	2,503.8 µg/mL	+/- 14.5570 µg/mL +/- 140.3828 µg/mL +/- 143.6676 µg/mL	Gravimetric Unstressed Stressed
3	Toluene-d8 **CAS #** 2037-26-5 (Lot PR-27311) **Purity** 99%	2,512.2 µg/mL	+/- 14.6059 µg/mL +/- 140.8538 µg/mL +/- 144.1496 µg/mL	Gravimetric Unstressed Stressed
4	1-Bromo-4-fluorobenzene (BFB) **CAS #** 460-00-4 (Lot 20401KO) **Purity** 99%	2,501.8 µg/mL	+/- 14.5457 µg/mL +/- 140.2734 µg/mL +/- 143.5557 µg/mL	Gravimetric Unstressed Stressed

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

Reagent

VM569721_00007

Rec: 2-21-20

VM569721-00007

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Catalog No. : 569721 **Lot No.:** A0152956

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : September 30, 2022 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone **CAS #** 67-64-1 (Lot SHBK6362) **Purity** 99%	12,546.0 µg/mL	+/- 73.4596 +/- 757.0057 +/- 758.8027	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	2-Butanone (MEK) **CAS #** 78-93-3 (Lot SHBK5945) **Purity** 99%	12,564.0 µg/mL	+/- 73.5650 +/- 758.0918 +/- 759.8914	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	4-Methyl-2-pentanone (MIBK) **CAS #** 108-10-1 (Lot SHBK5017) **Purity** 99%	12,558.0 µg/mL	+/- 73.5299 +/- 757.7297 +/- 759.5285	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	2-Hexanone **CAS #** 591-78-6 (Lot MKCD9048) **Purity** 99%	12,562.0 µg/mL	+/- 73.5533 +/- 757.9711 +/- 759.7704	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

VM569721S_00007

Rec'd 11/8/21 VM5697215-09007

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Catalog No. : 569721.SEC **Lot No.:** A0167987

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : January 31, 2024 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Acetone	12,567.5 µg/mL	+/- 73.5855 µg/mL	Gravimetric
	CAS # 67-64-1.SEC (Lot S25F025)		+/- 758.3030 µg/mL	Unstressed
	Purity 99%		+/- 760.1031 µg/mL	Stressed
2	2-Butanone (MEK)	12,553.0 µg/mL	+/- 73.5006 µg/mL	Gravimetric
	CAS # 78-93-3.SEC (Lot RGZ2A)		+/- 757.4280 µg/mL	Unstressed
	Purity 99%		+/- 759.2261 µg/mL	Stressed
3	4-Methyl-2-pentanone (MIBK)	12,563.5 µg/mL	+/- 73.5621 µg/mL	Gravimetric
	CAS # 108-10-1.SEC (Lot E29T040)		+/- 758.0616 µg/mL	Unstressed
	Purity 99%		+/- 759.8611 µg/mL	Stressed
4	2-Hexanone	12,527.8 µg/mL	+/- 73.3532 µg/mL	Gravimetric
	CAS # 591-78-6.SEC (Lot Y3TUO)		+/- 755.9093 µg/mL	Unstressed
	Purity 98%		+/- 757.7037 µg/mL	Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

vm569722_00020

VM569722_00020 Rcld 10/6/21

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Catalog No. : 569722 **Lot No.:** A0171131

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2024 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dichlorodifluoromethane (CFC-12) **CAS #** 75-71-8 (Lot 00012554) **Purity** 99%	2,500.4 µg/mL	+/- 17.4665 µg/mL +/- 140.5300 µg/mL +/- 143.8028 µg/mL	Gravimetric Unstressed Stressed
2	Chloromethane (methyl chloride) **CAS #** 74-87-3 (Lot SHBK6571) **Purity** 99%	2,500.3 µg/mL	+/- 17.4265 µg/mL +/- 140.5200 µg/mL +/- 143.7928 µg/mL	Gravimetric Unstressed Stressed
3	Vinyl chloride **CAS #** 75-01-4 (Lot 00015559) **Purity** 99%	2,501.4 µg/mL	+/- 16.6715 µg/mL +/- 140.4849 µg/mL +/- 143.7611 µg/mL	Gravimetric Unstressed Stressed
4	1,3-Butadiene **CAS #** 106-99-0 (Lot 00019375) **Purity** 99%	2,499.9 µg/mL	+/- 17.9031 µg/mL +/- 140.5578 µg/mL +/- 143.8287 µg/mL	Gravimetric Unstressed Stressed
5	Bromomethane (methyl bromide) **CAS #** 74-83-9 (Lot 101604) **Purity** 99%	2,500.8 µg/mL	+/- 16.8347 µg/mL +/- 140.4711 µg/mL +/- 143.7461 µg/mL	Gravimetric Unstressed Stressed
6	Chloroethane (ethyl chloride) **CAS #** 75-00-3 (Lot 107-401039114-1) **Purity** 99%	2,501.1 µg/mL	+/- 17.4608 µg/mL +/- 140.5674 µg/mL +/- 143.8412 µg/mL	Gravimetric Unstressed Stressed
7	Dichlorofluoromethane (CFC-21) **CAS #** 75-43-4 (Lot 10172500) **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 µg/mL +/- 140.1725 µg/mL +/- 143.4524 µg/mL	Gravimetric Unstressed Stressed

Reagent

vm569722S_00010

Rec: 1/26-21
VM569722S-00010

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Catalog No. : 569722.SEC **Lot No.:** A0159768

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dichlorodifluoromethane (CFC-12) **CAS #** 75-71-8.SEC (Lot 26165) **Purity** 99%	2,501.8 µg/mL	+/- 19.9803 µg/mL +/- 140.9385 µg/mL +/- 144.2054 µg/mL	Gravimetric Unstressed Stressed
2	Chloromethane (methyl chloride) **CAS #** 74-87-3.SEC (Lot 18343) **Purity** 99%	2,510.1 µg/mL	+/- 18.7758 µg/mL +/- 141.2337 µg/mL +/- 144.5155 µg/mL	Gravimetric Unstressed Stressed
3	Vinyl chloride **CAS #** 75-01-4.SEC (Lot MKBK6872V) **Purity** 99%	2,518.3 µg/mL	+/- 19.4159 µg/mL +/- 141.7727 µg/mL +/- 145.0634 µg/mL	Gravimetric Unstressed Stressed
4	1,3-Butadiene **CAS #** 106-99-0.SEC (Lot 24033) **Purity** 99%	2,510.8 µg/mL	+/- 17.5328 µg/mL +/- 141.1137 µg/mL +/- 144.4001 µg/mL	Gravimetric Unstressed Stressed
5	Bromomethane (methyl bromide) **CAS #** 74-83-9.SEC (Lot 00017022) **Purity** 99%	2,506.4 µg/mL	+/- 23.4232 µg/mL +/- 141.7223 µg/mL +/- 144.9835 µg/mL	Gravimetric Unstressed Stressed
6	Chloroethane (ethyl chloride) **CAS #** 75-00-3.SEC (Lot 00004202) **Purity** 99%	2,523.5 µg/mL	+/- 21.4589 µg/mL +/- 142.3524 µg/mL +/- 145.6434 µg/mL	Gravimetric Unstressed Stressed
7	Dichlorofluoromethane (CFC-21) **CAS #** 75-43-4 * (Lot 4938100) **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 µg/mL +/- 140.1725 µg/mL +/- 143.4524 µg/mL	Gravimetric Unstressed Stressed

8	Trichlorofluoromethane (CFC-11)		2,496.5	µg/mL	+/-	17.7311	µg/mL	Gravimetric
	CAS # 75-69-4.SEC	(Lot 253600)			+/-	140.3462	µg/mL	Unstressed
	Purity 99%				+/-	143.6131	µg/mL	Stressed

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

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

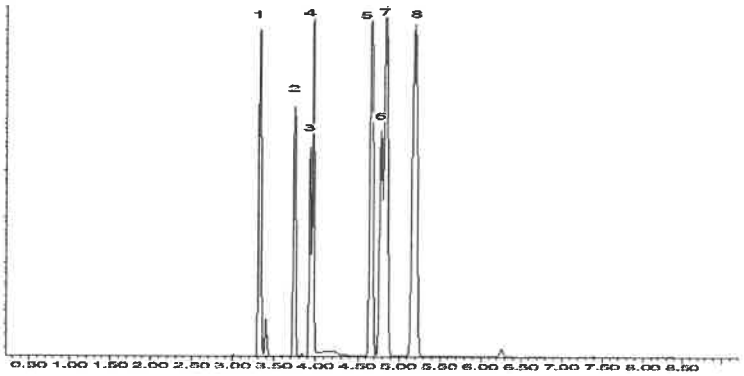
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

Date Mixed: 09-Apr-2020 **Balance:** 1127510105

Date Passed: 24-Apr-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VM569724_00026

VM569724_00026 Rc'd 10/29/21

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Catalog No. : 569724 **Lot No.:** A0168154

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : July 31, 2022 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate	5,038.0 µg/mL	+/- 29.4986	µg/mL	Gravimetric
	CAS # 108-05-4 (Lot RD200601)		+/- 303.9849	µg/mL	Unstressed
	Purity 99%		+/- 304.7065	µg/mL	Stressed

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VM571992_00005

Rc'd 4/19/21 VM571992_00005

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 571992 **Lot No.:** A0159680

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : October 31, 2022 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)		
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7 (Lot SHBK7710) **Purity** 99%	2,518.8 µg/mL	+/- 14.6442 µg/mL +/- 151.9673 µg/mL +/- 152.3281 µg/mL		Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1 (Lot 00016133) **Purity** 99%	2,523.8 µg/mL	+/- 14.6733 µg/mL +/- 152.2690 µg/mL +/- 152.6305 µg/mL		Gravimetric Unstressed Stressed
3	1,1-dichloroethene **CAS #** 75-35-4 (Lot SHBK2437) **Purity** 99%	2,517.5 µg/mL	+/- 14.6370 µg/mL +/- 151.8919 µg/mL +/- 152.2525 µg/mL		Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0 (Lot SHBL0592) **Purity** 99%	25,122.1 µg/mL	+/- 146.0546 µg/mL +/- 1,515.7284 µg/mL +/- 1,519.3270 µg/mL		Gravimetric Unstressed Stressed
5	Methyl acetate **CAS #** 79-20-9 (Lot SHBK5436) **Purity** 99%	5,041.4 µg/mL	+/- 29.3110 µg/mL +/- 304.1685 µg/mL +/- 304.8906 µg/mL		Gravimetric Unstressed Stressed
6	Iodomethane (methyl iodide) **CAS #** 74-88-4 (Lot D4406-0122JM) **Purity** 99%	2,520.5 µg/mL	+/- 14.6544 µg/mL +/- 152.0729 µg/mL +/- 152.4340 µg/mL		Gravimetric Unstressed Stressed
7	Allyl chloride (3-chloropropene) **CAS #** 107-05-1 (Lot 191118KJ) **Purity** 99%	2,521.0 µg/mL	+/- 14.6573 µg/mL +/- 152.1031 µg/mL +/- 152.4642 µg/mL		Gravimetric Unstressed Stressed

Reagent

VM571992S_00008

Rec'd 6/10/21 VM571992 00008

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571992.SEC **Lot No.:** A0167172

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2023 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Nominal Concentration (weight/volume)	Expanded Uncertainty (95% CL, k=2)		
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7.SEC (Lot F23X068) **Purity** 99%	2,501.7 µg/mL	+/- 14.5449 +/- 150.9366 +/- 151.2950	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1.SEC (Lot 18342) **Purity** 99%	2,500.8 µg/mL	+/- 14.5401 +/- 150.8864 +/- 151.2446	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	1,1-Dichloroethene **CAS #** 75-35-4.SEC (Lot 7692300) **Purity** 99%	2,501.2 µg/mL	+/- 14.5420 +/- 150.9065 +/- 151.2647	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0.SEC (Lot HGCHN) **Purity** 99%	25,001.2 µg/mL	+/- 145.3513 +/- 1,508.4304 +/- 1,512.0117	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
5	Methyl acetate **CAS #** 79-20-9.SEC (Lot UCNEL) **Purity** 99%	5,000.2 µg/mL	+/- 29.0714 +/- 301.6822 +/- 302.3985	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
6	Iodomethane (methyl iodide) **CAS #** 74-88-4.SEC (Lot Y25A027) **Purity** 99%	2,501.0 µg/mL	+/- 14.5410 +/- 150.8964 +/- 151.2547	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
7	Allyl chloride (3-chloropropene) **CAS #** 107-05-1.SEC (Lot H3HGC) **Purity** 99%	2,501.7 µg/mL	+/- 14.5449 +/- 150.9366 +/- 151.2950	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GW-042522-SS-001	240-165834-1	94	101	104	97
GW-042522-SS-002	240-165834-2	94	103	102	95
GW-042522-SS-003	240-165834-3	94	101	102	95
GW-042522-SS-004	240-165834-4	95	103	102	93
GW-042522-SS-005	240-165834-5	93	101	103	94
GW-042522-SS-006	240-165834-6	93	101	101	93
GW-042622-SS-007	240-165834-7	91	98	102	92
GW-042622-SS-008	240-165834-8	94	100	102	94
GW-042622-SS-009	240-165834-9	93	102	102	93
GW-042622-SS-010	240-165834-10	93	100	99	91
EB-042622-SS-001	240-165834-11	93	102	103	94
GW-042722-SS-011	240-165834-12	94	103	101	92
GW-042722-SS-012	240-165834-13	93	102	101	92
GW-042722-SS-013	240-165834-14	94	103	102	95
GW-042722-SS-014	240-165834-15	93	99	103	95
GW-042722-SS-015	240-165834-16	93	102	103	94
GW-042822-SS-016	240-165834-17	94	102	103	95
GW-042822-SS-017	240-165834-18	93	99	101	97
GW-042822-SS-018	240-165834-19	93	100	103	93
GW-042822-SS-019	240-165834-20	93	100	104	95
GW-042822-SS-020	240-165834-21	94	101	103	94
GW-042822-SS-021	240-165834-22	94	100	103	95
GW-042822-SS-022	240-165834-23	95	103	104	95
GW-042922-SS-023	240-165834-24	94	101	104	93
GW-042922-SS-024	240-165834-25	95	106	103	92
GW-042922-SS-025	240-165834-26	95	103	103	93
GW-042922-SS-026	240-165834-27	93	101	104	95
EB-042922-SS-002	240-165834-28	93	102	101	93
TB-042922-SS-001	240-165834-29	94	103	105	94
	MB 240-525213/8	93	102	101	94
	MB 240-525392/8	92	101	102	95
	LCS 240-525213/5	93	95	103	103
	LCS 240-525392/5	93	96	106	107
GW-042622-SS-009 MS	240-165834-9 MS	94	97	107	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-120
DCA = 1,2-Dichloroethane-d4 (Surr)	62-137
TOL = Toluene-d8 (Surr)	78-122
BFB = 4-Bromofluorobenzene (Surr)	56-136

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GW-042822-SS-016 MS	240-165834-17 MS	91	95	104	103
GW-042622-SS-009 MSD	240-165834-9 MSD	92	95	105	107
GW-042822-SS-016 MSD	240-165834-17 MSD	91	95	105	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-120
DCA = 1,2-Dichloroethane-d4 (Surr)	62-137
TOL = Toluene-d8 (Surr)	78-122
BFB = 4-Bromofluorobenzene (Surr)	56-136

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927300.D

Lab ID: LCS 240-525213/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.7	94	64-131	
1,1,2,2-Tetrachloroethane	20.0	20.9	105	58-157	
1,1,2-Trichloroethane	20.0	20.6	103	70-138	
1,1-Dichloroethane	20.0	18.6	93	72-127	
1,1-Dichloroethene	20.0	19.2	96	63-134	
1,2-Dichloroethane	20.0	18.9	95	66-128	
1,2-Dichloropropane	20.0	18.9	95	75-133	
2-Hexanone	40.0	45.0	113	43-167	
Acetone	40.0	37.2	93	50-149	
Benzene	20.0	19.1	96	77-123	
Bromoform	20.0	20.7	104	57-129	
Bromomethane	20.0	17.7	88	36-142	
Carbon disulfide	20.0	17.2	86	43-140	
Carbon tetrachloride	20.0	19.1	96	55-137	
Chlorobenzene	20.0	19.9	100	80-121	
Chloroethane	20.0	17.3	86	38-152	
Chloroform	20.0	18.9	95	74-122	
Chloromethane	20.0	18.4	92	47-143	
cis-1,2-Dichloroethene	20.0	18.4	92	77-123	
cis-1,3-Dichloropropene	20.0	19.3	96	64-130	
Dichlorobromomethane	20.0	19.2	96	69-126	
Ethylbenzene	20.0	20.6	103	80-121	
m-Xylene & p-Xylene	20.0	20.9	104	80-120	
2-Butanone (MEK)	40.0	36.8	92	54-156	
4-Methyl-2-pentanone (MIBK)	40.0	38.5	96	46-158	
Methylene Chloride	20.0	19.2	96	71-125	
o-Xylene	20.0	21.2	106	80-123	
Styrene	20.0	21.3	107	80-135	
Tetrachloroethene	20.0	20.5	103	76-123	
Toluene	20.0	20.3	102	80-123	
trans-1,2-Dichloroethene	20.0	18.8	94	75-124	
trans-1,3-Dichloropropene	20.0	21.0	105	57-129	
Trichloroethene	20.0	18.6	93	70-122	
Vinyl chloride	20.0	18.9	95	60-144	
Xylenes, Total	40.0	42.1	105	80-121	
Chlorodibromomethane	20.0	20.7	103	70-124	

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 Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927330.D

Lab ID: LCS 240-525392/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.9	95	64-131	
1,1,2,2-Tetrachloroethane	20.0	22.0	110	58-157	
1,1,2-Trichloroethane	20.0	21.6	108	70-138	
1,1-Dichloroethane	20.0	19.0	95	72-127	
1,1-Dichloroethene	20.0	19.7	98	63-134	
1,2-Dichloroethane	20.0	18.9	95	66-128	
1,2-Dichloropropane	20.0	19.3	96	75-133	
2-Hexanone	40.0	46.5	116	43-167	
Acetone	40.0	38.1	95	50-149	
Benzene	20.0	19.1	95	77-123	
Bromoform	20.0	20.6	103	57-129	
Bromomethane	20.0	17.1	86	36-142	
Carbon disulfide	20.0	18.8	94	43-140	
Carbon tetrachloride	20.0	19.6	98	55-137	
Chlorobenzene	20.0	20.7	103	80-121	
Chloroethane	20.0	17.2	86	38-152	
Chloroform	20.0	18.7	94	74-122	
Chloromethane	20.0	18.3	91	47-143	
cis-1,2-Dichloroethene	20.0	18.8	94	77-123	
cis-1,3-Dichloropropene	20.0	19.1	95	64-130	
Dichlorobromomethane	20.0	18.9	94	69-126	
Ethylbenzene	20.0	21.4	107	80-121	
m-Xylene & p-Xylene	20.0	21.8	109	80-120	
2-Butanone (MEK)	40.0	35.8	89	54-156	
4-Methyl-2-pentanone (MIBK)	40.0	39.9	100	46-158	
Methylene Chloride	20.0	19.3	97	71-125	
o-Xylene	20.0	22.0	110	80-123	
Styrene	20.0	22.2	111	80-135	
Tetrachloroethene	20.0	21.0	105	76-123	
Toluene	20.0	20.9	105	80-123	
trans-1,2-Dichloroethene	20.0	19.2	96	75-124	
trans-1,3-Dichloropropene	20.0	21.3	107	57-129	
Trichloroethene	20.0	18.6	93	70-122	
Vinyl chloride	20.0	18.7	93	60-144	
Xylenes, Total	40.0	43.8	110	80-121	
Chlorodibromomethane	20.0	21.2	106	70-124	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927326.D

Lab ID: 240-165834-9 MS Client ID: GW-042622-SS-009 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	100 U	1780	89	60-130	
1,1,2,2-Tetrachloroethane	2000	100 U	2210	110	54-145	
1,1,2-Trichloroethane	2000	100 U	2200	110	69-131	
1,1-Dichloroethane	2000	100 U	1870	94	68-125	
1,1-Dichloroethene	2000	100 U	1870	93	56-135	
1,2-Dichloroethane	2000	100 U	1910	95	63-126	
1,2-Dichloropropane	2000	100 U	1880	94	69-130	
2-Hexanone	4000	1000 U	4580	115	35-156	
Acetone	4000	1000 U	3780	94	33-149	
Benzene	2000	100 U	1870	94	64-128	
Bromoform	2000	100 U	2050	102	47-125	
Bromomethane	2000	100 U	1680	84	28-150	
Carbon disulfide	2000	100 U	1650	83	38-140	
Carbon tetrachloride	2000	100 U	1790	89	51-133	
Chlorobenzene	2000	100 U	1960	98	74-121	
Chloroethane	2000	100 U	1650	83	10-199	
Chloroform	2000	100 U	1870	93	70-122	
Chloromethane	2000	100 U	1730	86	32-149	
cis-1,2-Dichloroethene	2000	2900	4650	88	66-128	
cis-1,3-Dichloropropene	2000	100 U	1770	88	47-125	
Dichlorobromomethane	2000	100 U	1870	93	62-125	
Ethylbenzene	2000	100 U	1970	99	67-127	
m-Xylene & p-Xylene	2000	200 U	2000	100	71-123	
2-Butanone (MEK)	4000	1000 U	3820	96	40-151	
4-Methyl-2-pentanone (MIBK)	4000	1000 U	3880	97	31-153	
Methylene Chloride	2000	500 U	1970	98	62-129	
o-Xylene	2000	100 U	2080	104	70-125	
Styrene	2000	100 U	2100	105	70-139	
Tetrachloroethene	2000	100 U	1900	95	62-131	
Toluene	2000	100 U	2020	101	58-135	
trans-1,2-Dichloroethene	2000	100 U	1870	94	56-136	
trans-1,3-Dichloropropene	2000	100 U	2000	100	47-120	
Trichloroethene	2000	100 U	1770	88	61-124	
Vinyl chloride	2000	160	1890	87	43-157	
Xylenes, Total	4000	200 U	4080	102	71-123	
Chlorodibromomethane	2000	100 U	2110	106	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927341.D

Lab ID: 240-165834-17 MS Client ID: GW-042822-SS-016 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	120	1980	93	60-130	
1,1,2,2-Tetrachloroethane	2000	100 U	2150	108	54-145	
1,1,2-Trichloroethane	2000	100 U	2150	108	69-131	
1,1-Dichloroethane	2000	100 U	1900	95	68-125	
1,1-Dichloroethene	2000	100 U	1990	99	56-135	
1,2-Dichloroethane	2000	100 U	1880	94	63-126	
1,2-Dichloropropane	2000	100 U	1920	96	69-130	
2-Hexanone	4000	1000 U	4520	113	35-156	
Acetone	4000	1000 U	4000	100	33-149	
Benzene	2000	100 U	1920	96	64-128	
Bromoform	2000	100 U	2060	103	47-125	
Bromomethane	2000	100 U	1720	86	28-150	
Carbon disulfide	2000	100 U	1790	90	38-140	
Carbon tetrachloride	2000	100 U	1900	95	51-133	
Chlorobenzene	2000	100 U	2050	102	74-121	
Chloroethane	2000	100 U	1730	87	10-199	
Chloroform	2000	100 U	1900	95	70-122	
Chloromethane	2000	100 U	1800	90	32-149	
cis-1,2-Dichloroethene	2000	2500	4320	89	66-128	
cis-1,3-Dichloropropene	2000	100 U	1860	93	47-125	
Dichlorobromomethane	2000	100 U	1890	95	62-125	
Ethylbenzene	2000	100 U	2140	107	67-127	
m-Xylene & p-Xylene	2000	200 U	2150	108	71-123	
2-Butanone (MEK)	4000	1000 U	3880	97	40-151	
4-Methyl-2-pentanone (MIBK)	4000	1000 U	3860	97	31-153	
Methylene Chloride	2000	500 U	1960	98	62-129	
o-Xylene	2000	100 U	2220	111	70-125	
Styrene	2000	100 U	2220	111	70-139	
Tetrachloroethene	2000	100 U	2050	102	62-131	
Toluene	2000	100 U	2090	105	58-135	
trans-1,2-Dichloroethene	2000	100 U	1920	96	56-136	
trans-1,3-Dichloropropene	2000	100 U	2030	102	47-120	
Trichloroethene	2000	1900	3590	86	61-124	
Vinyl chloride	2000	100 U	1850	93	43-157	
Xylenes, Total	4000	200 U	4370	109	71-123	
Chlorodibromomethane	2000	100 U	2070	103	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927327.D

Lab ID: 240-165834-9 MSD Client ID: GW-042622-SS-009 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	1860	93	5	17	60-130	
1,1,2,2-Tetrachloroethane	2000	2210	110	0	15	54-145	
1,1,2-Trichloroethane	2000	2160	108	2	14	69-131	
1,1-Dichloroethane	2000	1930	97	3	13	68-125	
1,1-Dichloroethene	2000	1920	96	3	26	56-135	
1,2-Dichloroethane	2000	1900	95	1	12	63-126	
1,2-Dichloropropane	2000	1910	95	1	13	69-130	
2-Hexanone	4000	4530	113	1	17	35-156	
Acetone	4000	3770	94	0	34	33-149	
Benzene	2000	1920	96	3	14	64-128	
Bromoform	2000	2070	104	1	15	47-125	
Bromomethane	2000	1700	85	1	26	28-150	
Carbon disulfide	2000	1750	87	6	23	38-140	
Carbon tetrachloride	2000	1830	92	3	24	51-133	
Chlorobenzene	2000	1990	100	2	14	74-121	
Chloroethane	2000	1690	84	2	30	10-199	
Chloroform	2000	1880	94	1	14	70-122	
Chloromethane	2000	1790	90	4	27	32-149	
cis-1,2-Dichloroethene	2000	4710	91	1	14	66-128	
cis-1,3-Dichloropropene	2000	1820	91	3	13	47-125	
Dichlorobromomethane	2000	1900	95	2	13	62-125	
Ethylbenzene	2000	2070	103	5	15	67-127	
m-Xylene & p-Xylene	2000	2080	104	4	16	71-123	
2-Butanone (MEK)	4000	3780	94	1	20	40-151	
4-Methyl-2-pentanone (MIBK)	4000	3890	97	0	15	31-153	
Methylene Chloride	2000	1950	97	1	17	62-129	
o-Xylene	2000	2150	107	3	15	70-125	
Styrene	2000	2160	108	3	18	70-139	
Tetrachloroethene	2000	1990	99	5	20	62-131	
Toluene	2000	2060	103	2	14	58-135	
trans-1,2-Dichloroethene	2000	1920	96	3	15	56-136	
trans-1,3-Dichloropropene	2000	2010	101	1	14	47-120	
Trichloroethene	2000	1820	91	3	15	61-124	
Vinyl chloride	2000	1950	90	3	24	43-157	
Xylenes, Total	4000	4230	106	4	15	71-123	
Chlorodibromomethane	2000	2070	104	2	13	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927342.D

Lab ID: 240-165834-17 MSD Client ID: GW-042822-SS-016 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	2000	94	1	17	60-130	
1,1,2,2-Tetrachloroethane	2000	2220	111	3	15	54-145	
1,1,2-Trichloroethane	2000	2140	107	1	14	69-131	
1,1-Dichloroethane	2000	1900	95	0	13	68-125	
1,1-Dichloroethene	2000	1930	96	3	26	56-135	
1,2-Dichloroethane	2000	1870	93	1	12	63-126	
1,2-Dichloropropane	2000	1910	95	0	13	69-130	
2-Hexanone	4000	4600	115	2	17	35-156	
Acetone	4000	3830	96	4	34	33-149	
Benzene	2000	1900	95	1	14	64-128	
Bromoform	2000	2000	100	3	15	47-125	
Bromomethane	2000	1660	83	3	26	28-150	
Carbon disulfide	2000	1760	88	2	23	38-140	
Carbon tetrachloride	2000	1900	95	0	24	51-133	
Chlorobenzene	2000	2000	100	2	14	74-121	
Chloroethane	2000	1670	83	4	30	10-199	
Chloroform	2000	1860	93	2	14	70-122	
Chloromethane	2000	1740	87	4	27	32-149	
cis-1,2-Dichloroethene	2000	4340	90	1	14	66-128	
cis-1,3-Dichloropropene	2000	1880	94	1	13	47-125	
Dichlorobromomethane	2000	1880	94	1	13	62-125	
Ethylbenzene	2000	2100	105	1	15	67-127	
m-Xylene & p-Xylene	2000	2110	106	2	16	71-123	
2-Butanone (MEK)	4000	3780	95	2	20	40-151	
4-Methyl-2-pentanone (MIBK)	4000	3910	98	1	15	31-153	
Methylene Chloride	2000	1920	96	2	17	62-129	
o-Xylene	2000	2170	108	3	15	70-125	
Styrene	2000	2170	108	2	18	70-139	
Tetrachloroethene	2000	2020	101	1	20	62-131	
Toluene	2000	2070	103	1	14	58-135	
trans-1,2-Dichloroethene	2000	1910	96	0	15	56-136	
trans-1,3-Dichloropropene	2000	2080	104	2	14	47-120	
Trichloroethene	2000	3570	85	0	15	61-124	
Vinyl chloride	2000	1770	89	4	24	43-157	
Xylenes, Total	4000	4280	107	2	15	71-123	
Chlorodibromomethane	2000	2060	103	0	13	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab File ID: U1927303.D Lab Sample ID: MB 240-525213/8

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

Instrument ID: A3UX19 Date Analyzed: 05/05/2022 11:31

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-525213/5	U1927300.D	05/05/2022 10:25
GW-042522-SS-001	240-165834-1	U1927312.D	05/05/2022 14:52
GW-042522-SS-002	240-165834-2	U1927313.D	05/05/2022 15:14
GW-042522-SS-003	240-165834-3	U1927314.D	05/05/2022 15:36
GW-042522-SS-004	240-165834-4	U1927315.D	05/05/2022 15:59
GW-042622-SS-008	240-165834-8	U1927319.D	05/05/2022 17:28
GW-042622-SS-009	240-165834-9	U1927320.D	05/05/2022 17:51
GW-042622-SS-010	240-165834-10	U1927321.D	05/05/2022 18:13
EB-042622-SS-001	240-165834-11	U1927322.D	05/05/2022 18:35
GW-042722-SS-011	240-165834-12	U1927323.D	05/05/2022 18:58
GW-042722-SS-012	240-165834-13	U1927324.D	05/05/2022 19:20
GW-042722-SS-013	240-165834-14	U1927325.D	05/05/2022 19:42
GW-042622-SS-009 MS	240-165834-9 MS	U1927326.D	05/05/2022 20:04
GW-042622-SS-009 MSD	240-165834-9 MSD	U1927327.D	05/05/2022 20:26

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab File ID: U1927333.D Lab Sample ID: MB 240-525392/8

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

Instrument ID: A3UX19 Date Analyzed: 05/06/2022 11:28

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-525392/5	U1927330.D	05/06/2022 10:21
GW-042522-SS-005	240-165834-5	U1927334.D	05/06/2022 11:50
GW-042522-SS-006	240-165834-6	U1927335.D	05/06/2022 12:13
GW-042622-SS-007	240-165834-7	U1927336.D	05/06/2022 12:35
GW-042722-SS-014	240-165834-15	U1927337.D	05/06/2022 12:57
GW-042722-SS-015	240-165834-16	U1927338.D	05/06/2022 13:20
GW-042822-SS-016	240-165834-17	U1927339.D	05/06/2022 13:42
GW-042822-SS-017	240-165834-18	U1927340.D	05/06/2022 14:04
GW-042822-SS-016 MS	240-165834-17 MS	U1927341.D	05/06/2022 14:27
GW-042822-SS-016 MSD	240-165834-17 MSD	U1927342.D	05/06/2022 14:49
GW-042822-SS-018	240-165834-19	U1927344.D	05/06/2022 15:34
GW-042822-SS-019	240-165834-20	U1927345.D	05/06/2022 15:56
GW-042822-SS-020	240-165834-21	U1927346.D	05/06/2022 16:18
GW-042822-SS-021	240-165834-22	U1927347.D	05/06/2022 16:41
GW-042822-SS-022	240-165834-23	U1927348.D	05/06/2022 17:03
GW-042922-SS-023	240-165834-24	U1927349.D	05/06/2022 17:26
GW-042922-SS-024	240-165834-25	U1927350.D	05/06/2022 17:48
GW-042922-SS-025	240-165834-26	U1927351.D	05/06/2022 18:10
GW-042922-SS-026	240-165834-27	U1927352.D	05/06/2022 18:33
EB-042922-SS-002	240-165834-28	U1927353.D	05/06/2022 18:55
TB-042922-SS-001	240-165834-29	U1927354.D	05/06/2022 19:17

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab File ID: bfb1037.d BFB Injection Date: 04/29/2022

Instrument ID: A3UX19 BFB Injection Time: 09:42

Analysis Batch No.: 524469

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.6	
75	30.0 - 60.0 % of mass 95	52.8	
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	84.9	
175	5.0 - 9.0 % of mass 174	6.7	(7.9) 1
176	95.0 - 101.0 % of mass 174	81.0	(95.5) 1
177	5.0 - 9.0 % of mass 176	5.4	(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
	STD8260 240-524469/9	U1927189.D	04/29/2022	11:07
	STD8260 240-524469/10	U1927190.D	04/29/2022	11:29
	STD8260 240-524469/11	U1927191.D	04/29/2022	11:52
	STD8260 240-524469/12	U1927192.D	04/29/2022	12:14
	ICIS 240-524469/13	U1927193.D	04/29/2022	12:36
	STD8260 240-524469/14	U1927194.D	04/29/2022	12:59
	STD8260 240-524469/15	U1927195.D	04/29/2022	13:21
	STD8260 240-524469/16	U1927196.D	04/29/2022	13:44
	ICV 240-524469/18	U1927198.D	04/29/2022	14:56

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab File ID: bfb1041.d BFB Injection Date: 05/05/2022

Instrument ID: A3UX19 BFB Injection Time: 09:13

Analysis Batch No.: 525213

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	52.8	
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	0.0	(0.0) 1
174	Greater than 50% of mass 95	83.3	
175	5.0 - 9.0 % of mass 174	6.4	(7.6) 1
176	95.0 - 101.0 % of mass 174	80.4	(96.5) 1
177	5.0 - 9.0 % of mass 176	5.4	(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
	CCV 240-525213/3	U1927298.D	05/05/2022	9:40
	CCVIS 240-525213/4	U1927299.D	05/05/2022	10:03
	LCS 240-525213/5	U1927300.D	05/05/2022	10:25
	MB 240-525213/8	U1927303.D	05/05/2022	11:31
GW-042522-SS-001	240-165834-1	U1927312.D	05/05/2022	14:52
GW-042522-SS-002	240-165834-2	U1927313.D	05/05/2022	15:14
GW-042522-SS-003	240-165834-3	U1927314.D	05/05/2022	15:36
GW-042522-SS-004	240-165834-4	U1927315.D	05/05/2022	15:59
GW-042622-SS-008	240-165834-8	U1927319.D	05/05/2022	17:28
GW-042622-SS-009	240-165834-9	U1927320.D	05/05/2022	17:51
GW-042622-SS-010	240-165834-10	U1927321.D	05/05/2022	18:13
EB-042622-SS-001	240-165834-11	U1927322.D	05/05/2022	18:35
GW-042722-SS-011	240-165834-12	U1927323.D	05/05/2022	18:58
GW-042722-SS-012	240-165834-13	U1927324.D	05/05/2022	19:20
GW-042722-SS-013	240-165834-14	U1927325.D	05/05/2022	19:42
GW-042622-SS-009 MS	240-165834-9 MS	U1927326.D	05/05/2022	20:04
GW-042622-SS-009 MSD	240-165834-9 MSD	U1927327.D	05/05/2022	20:26

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab File ID: bfb1042.d BFB Injection Date: 05/06/2022

Instrument ID: A3UX19 BFB Injection Time: 09:13

Analysis Batch No.: 525392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.0	
75	30.0 - 60.0 % of mass 95	52.8	
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	86.4	
175	5.0 - 9.0 % of mass 174	6.6	(7.6) 1
176	95.0 - 101.0 % of mass 174	82.1	(95.1) 1
177	5.0 - 9.0 % of mass 176	5.6	(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
	CCV 240-525392/3	U1927328.D	05/06/2022	9:36
	CCVIS 240-525392/4	U1927329.D	05/06/2022	9:59
	LCS 240-525392/5	U1927330.D	05/06/2022	10:21
	MB 240-525392/8	U1927333.D	05/06/2022	11:28
GW-042522-SS-005	240-165834-5	U1927334.D	05/06/2022	11:50
GW-042522-SS-006	240-165834-6	U1927335.D	05/06/2022	12:13
GW-042622-SS-007	240-165834-7	U1927336.D	05/06/2022	12:35
GW-042722-SS-014	240-165834-15	U1927337.D	05/06/2022	12:57
GW-042722-SS-015	240-165834-16	U1927338.D	05/06/2022	13:20
GW-042822-SS-016	240-165834-17	U1927339.D	05/06/2022	13:42
GW-042822-SS-017	240-165834-18	U1927340.D	05/06/2022	14:04
GW-042822-SS-016 MS	240-165834-17 MS	U1927341.D	05/06/2022	14:27
GW-042822-SS-016 MSD	240-165834-17 MSD	U1927342.D	05/06/2022	14:49
GW-042822-SS-018	240-165834-19	U1927344.D	05/06/2022	15:34
GW-042822-SS-019	240-165834-20	U1927345.D	05/06/2022	15:56
GW-042822-SS-020	240-165834-21	U1927346.D	05/06/2022	16:18
GW-042822-SS-021	240-165834-22	U1927347.D	05/06/2022	16:41
GW-042822-SS-022	240-165834-23	U1927348.D	05/06/2022	17:03
GW-042922-SS-023	240-165834-24	U1927349.D	05/06/2022	17:26
GW-042922-SS-024	240-165834-25	U1927350.D	05/06/2022	17:48
GW-042922-SS-025	240-165834-26	U1927351.D	05/06/2022	18:10
GW-042922-SS-026	240-165834-27	U1927352.D	05/06/2022	18:33
EB-042922-SS-002	240-165834-28	U1927353.D	05/06/2022	18:55
TB-042922-SS-001	240-165834-29	U1927354.D	05/06/2022	19:17

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Sample No.: ICIS 240-524469/13 Date Analyzed: 04/29/2022 12:36

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927193.D Heated Purge: (Y/N) N

Calibration ID: 65488

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		768809	5.89	611064	8.40	322411	10.53
UPPER LIMIT		1537618	6.39	1222128	8.90	644822	11.03
LOWER LIMIT		384405	5.39	305532	7.90	161206	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-524469/18		787851	5.89	629617	8.40	328856	10.53
CCVIS 240-525213/4		859832	5.89	626807	8.40	323376	10.53
CCVIS 240-525392/4		866618	5.89	632825	8.40	322037	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Sample No.: CCVIS 240-525213/4 Date Analyzed: 05/05/2022 10:03

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927299.D Heated Purge: (Y/N) N

Calibration ID: 65492

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		859832	5.89	626807	8.40	323376	10.53
UPPER LIMIT		1719664	6.39	1253614	8.90	646752	11.03
LOWER LIMIT		429916	5.39	313404	7.90	161688	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-525213/5		879381	5.89	643023	8.40	341551	10.53
MB 240-525213/8		777424	5.89	579083	8.40	280022	10.53
240-165834-1	GW-042522-SS-001	763316	5.89	552028	8.40	262772	10.53
240-165834-2	GW-042522-SS-002	774044	5.89	561555	8.40	270927	10.53
240-165834-3	GW-042522-SS-003	783729	5.89	568651	8.40	273701	10.53
240-165834-4	GW-042522-SS-004	768014	5.89	557586	8.40	275363	10.53
240-165834-8	GW-042622-SS-008	790711	5.89	573183	8.40	275195	10.53
240-165834-9	GW-042622-SS-009	789086	5.89	559507	8.40	269907	10.53
240-165834-10	GW-042622-SS-010	781462	5.89	573155	8.40	271367	10.53
240-165834-11	EB-042622-SS-001	748526	5.89	538471	8.40	249190	10.53
240-165834-12	GW-042722-SS-011	765480	5.89	564371	8.40	266750	10.53
240-165834-13	GW-042722-SS-012	757455	5.89	552768	8.40	263591	10.53
240-165834-14	GW-042722-SS-013	745181	5.89	543185	8.40	265097	10.53
240-165834-9 MS	GW-042622-SS-009 MS	853067	5.89	610470	8.40	319018	10.53
240-165834-9 MSD	GW-042622-SS-009 MSD	859984	5.89	620603	8.40	325327	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Sample No.: CCVIS 240-525392/4 Date Analyzed: 05/06/2022 09:59

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927329.D Heated Purge: (Y/N) N

Calibration ID: 65492

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		866618	5.89	632825	8.40	322037	10.53
UPPER LIMIT		1733236	6.39	1265650	8.90	644074	11.03
LOWER LIMIT		433309	5.39	316413	7.90	161019	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-525392/5		877589	5.89	636484	8.40	331420	10.53
MB 240-525392/8		791394	5.89	578431	8.40	275574	10.53
240-165834-5	GW-042522-SS-005	775643	5.89	568273	8.40	268882	10.53
240-165834-6	GW-042522-SS-006	777622	5.89	570105	8.40	275640	10.53
240-165834-7	GW-042622-SS-007	798070	5.89	573881	8.40	270684	10.53
240-165834-15	GW-042722-SS-014	776114	5.89	560001	8.40	264645	10.53
240-165834-16	GW-042722-SS-015	797597	5.89	575990	8.40	271869	10.53
240-165834-17	GW-042822-SS-016	767901	5.89	555313	8.40	262435	10.53
240-165834-18	GW-042822-SS-017	765460	5.89	564506	8.40	278478	10.53
240-165834-17 MS	GW-042822-SS-016 MS	851279	5.89	612227	8.40	322393	10.53
240-165834-17 MSD	GW-042822-SS-016 MSD	887356	5.89	643860	8.40	331403	10.53
240-165834-19	GW-042822-SS-018	773654	5.89	569216	8.40	272993	10.53
240-165834-20	GW-042822-SS-019	785010	5.89	565620	8.40	272107	10.53
240-165834-21	GW-042822-SS-020	777371	5.89	564078	8.40	269917	10.53
240-165834-22	GW-042822-SS-021	781749	5.89	567243	8.40	266508	10.53
240-165834-23	GW-042822-SS-022	772903	5.89	559263	8.40	267729	10.53
240-165834-24	GW-042922-SS-023	785834	5.89	571562	8.40	268830	10.53
240-165834-25	GW-042922-SS-024	740001	5.89	543751	8.40	257218	10.53
240-165834-26	GW-042922-SS-025	784147	5.89	572633	8.40	268835	10.53
240-165834-27	GW-042922-SS-026	766484	5.89	553090	8.40	265503	10.53
240-165834-28	EB-042922-SS-002	773733	5.89	573038	8.40	273548	10.53
240-165834-29	TB-042922-SS-001	757224	5.89	549222	8.40	263770	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-001 | Lab Sample ID: 240-165834-1

Matrix: Water | Lab File ID: U1927312.D

Analysis Method: 8260D | Date Collected: 04/25/2022 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 14:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.2		1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	3.5		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-001 | Lab Sample ID: 240-165834-1

Matrix: Water | Lab File ID: U1927312.D

Analysis Method: 8260D | Date Collected: 04/25/2022 12:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 14:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927312.D
Lims ID: 240-165834-B-1
Client ID: GW-042522-SS-001
Sample Type: Client
Inject. Date: 05-May-2022 14:52:08 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-017
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 13:10:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 15:16:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	763316	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	552028	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	262772	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	209913	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	252470	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	696820	20.8	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	238753	19.4	
10 Chloromethane	50		2.261				ND	7
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	94	4379	0.3187	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	93	4285	0.2536	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	40807	3.49	
48 Chloroform	83	5.238	5.238	0.000	94	23608	1.25	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	7
55 1,2-Dichloroethane	62	5.701	5.700	0.000	37	1991	0.1393	
59 Trichloroethene	130	6.175	6.175	0.000	93	1859	0.1627	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	90	2022	0.1884	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	7
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	7
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	7
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	7
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

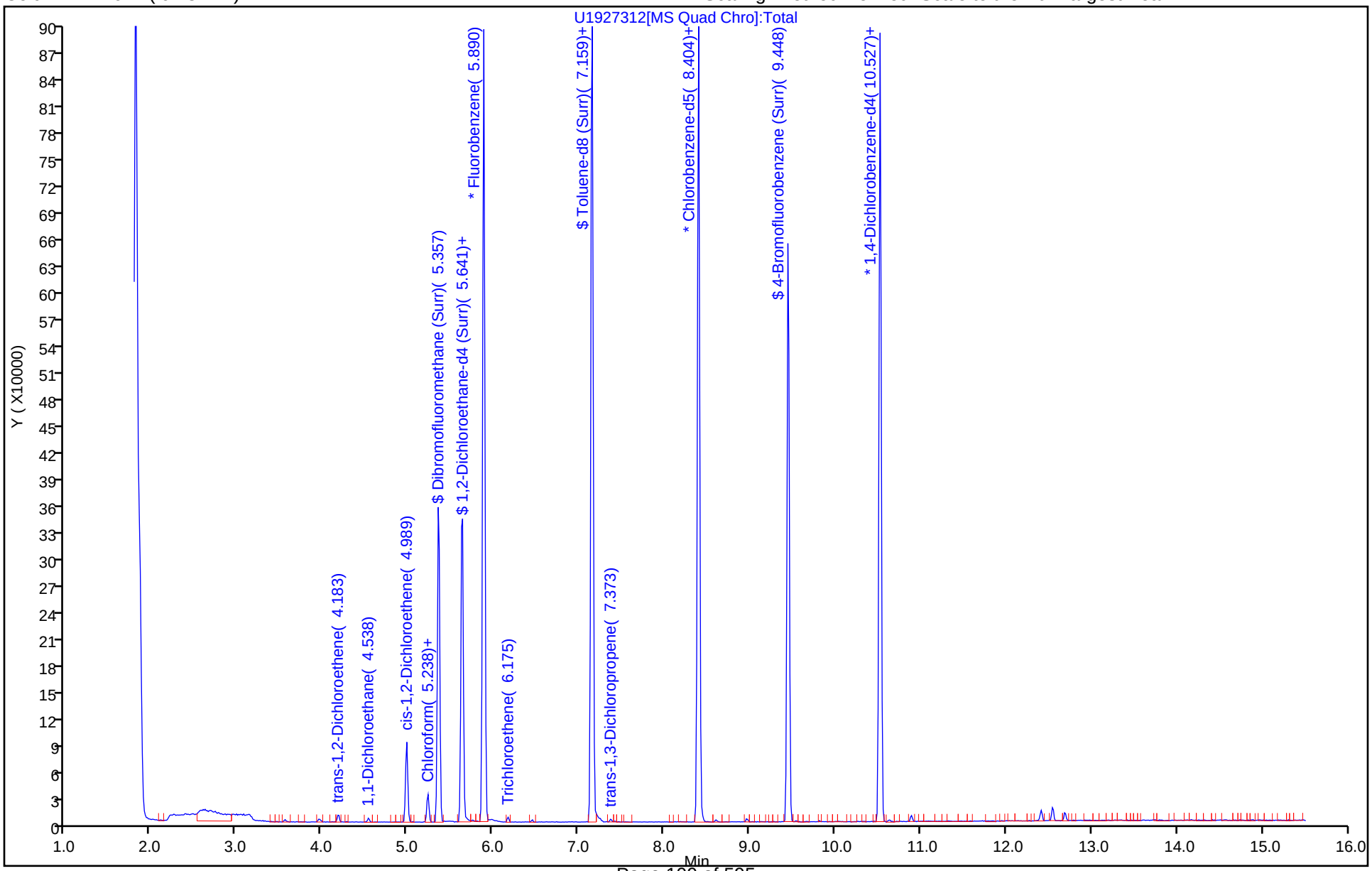
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927312.D

Injection Date:	05-May-2022 14:52:08	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-1	Lab Sample ID:	240-165834-1	Worklist Smp#:	17
Client ID:	GW-042522-SS-001				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927312.D				
Lims ID:	240-165834-B-1				
Client ID:	GW-042522-SS-001				
Sample Type:	Client				
Inject. Date:	05-May-2022 14:52:08	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118262-017				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	05-May-2022 13:10:45	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1629				

First Level Reviewer: laveyt Date: 05-May-2022 15:16:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	93.99
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.1	100.58
$ 6 Toluene-d8 (Surr)	20.0	20.8	103.80
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.4	96.75

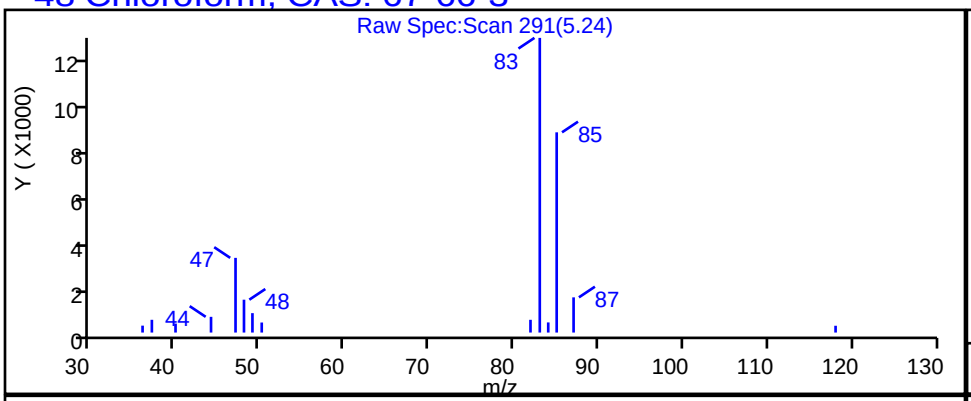
Report Date: 05-May-2022 15:16:43 Chrom Revision: 2.3 12-Apr-2022 20:29:44

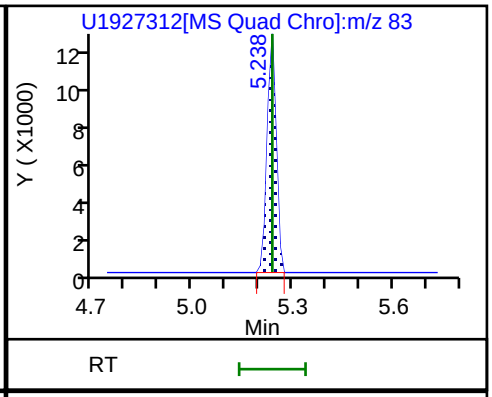
Eurofins Canton

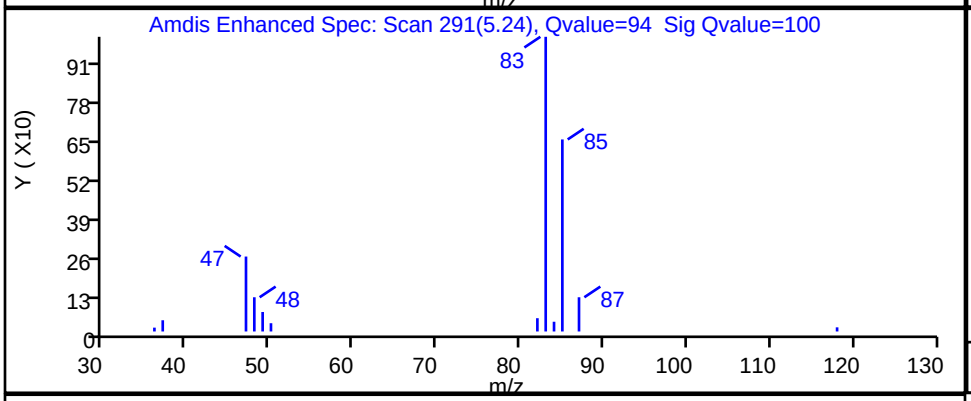
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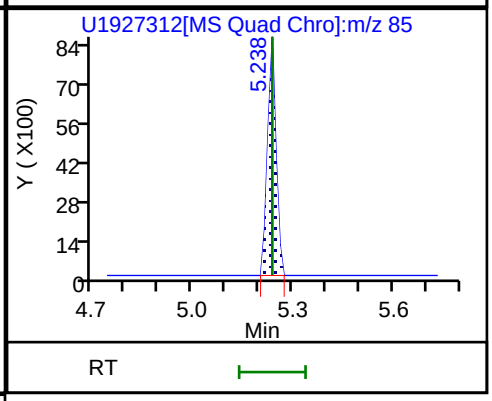
Injection Date:	05-May-2022 14:52:08	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-1	Lab Sample ID:	240-165834-1		
Client ID:	GW-042522-SS-001				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

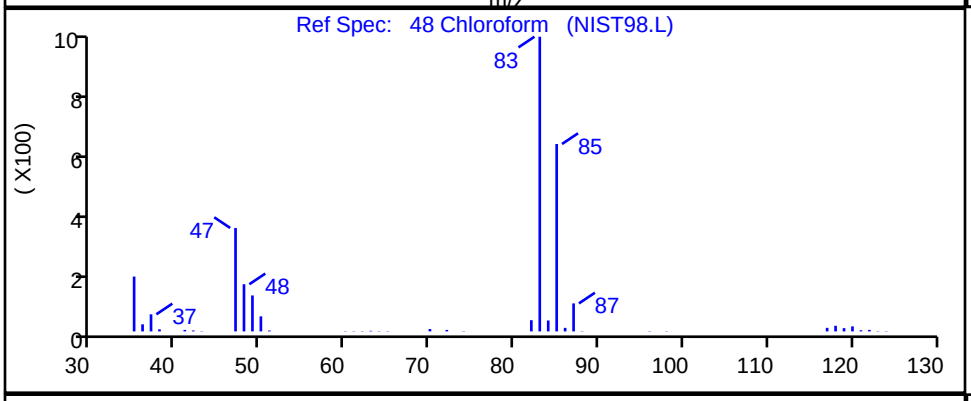
48 Chloroform, CAS: 67-66-3

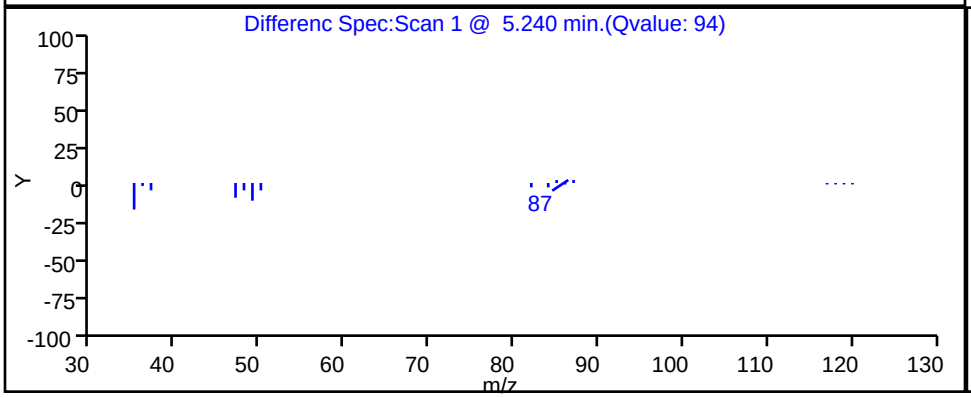


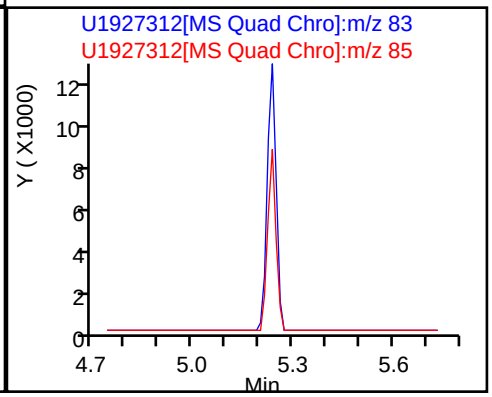












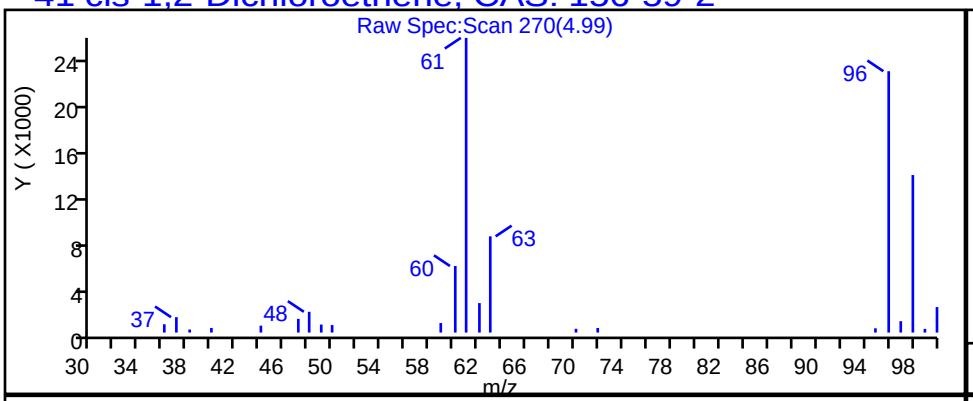
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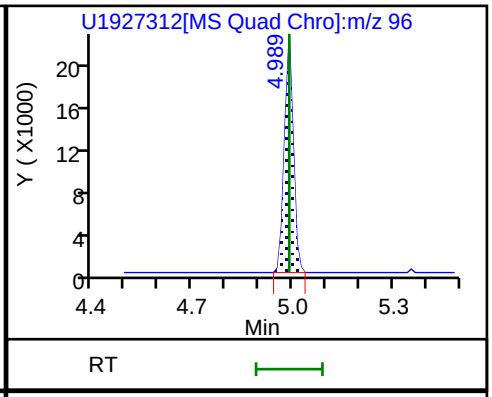
Eurofins Canton

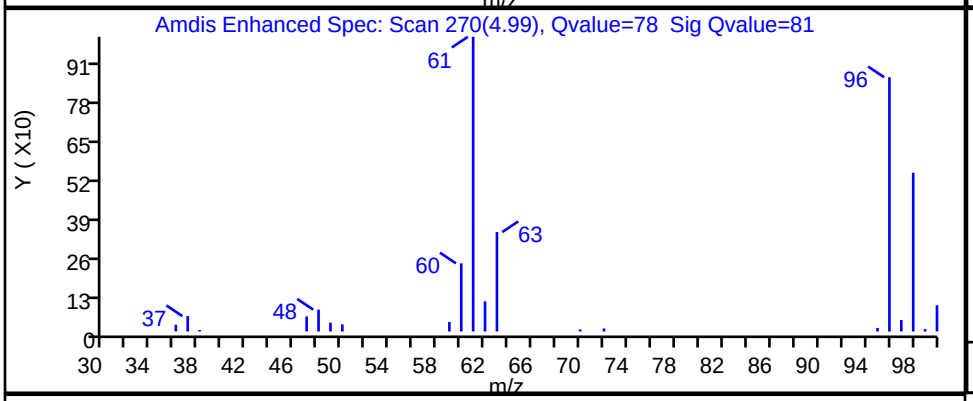
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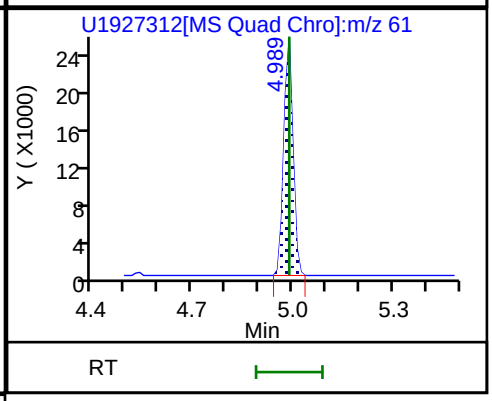
Injection Date:	05-May-2022 14:52:08	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-1	Lab Sample ID:	240-165834-1		
Client ID:	GW-042522-SS-001				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

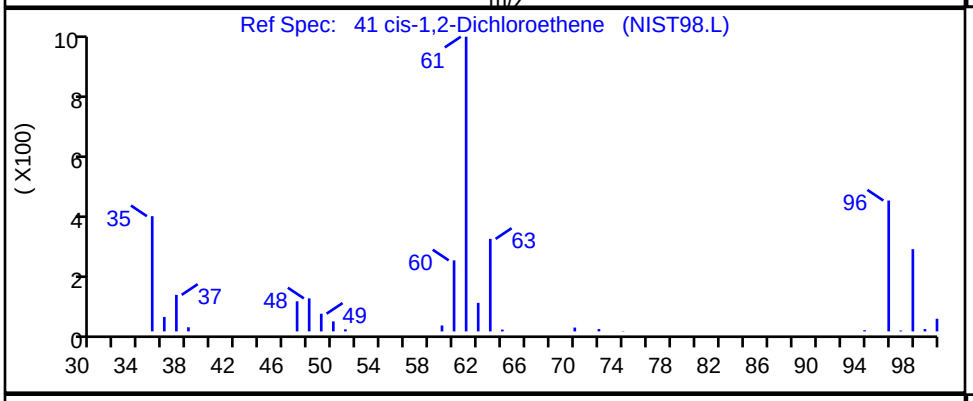
41 cis-1,2-Dichloroethene, CAS: 156-59-2

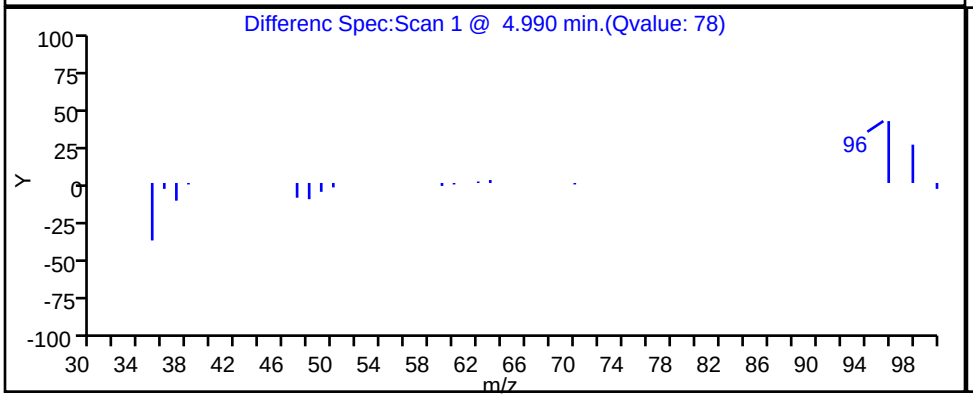


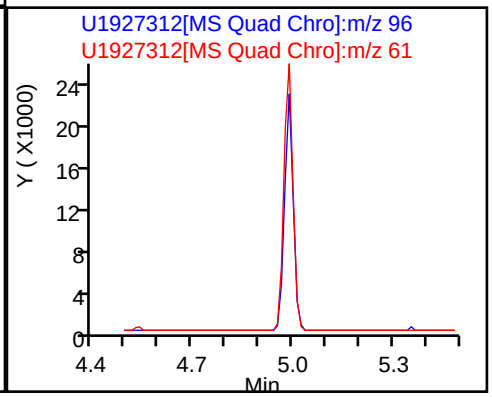












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-002 | Lab Sample ID: 240-165834-2

Matrix: Water | Lab File ID: U1927313.D

Analysis Method: 8260D | Date Collected: 04/25/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	0.58	J	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	28		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	39		1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-002 | Lab Sample ID: 240-165834-2

Matrix: Water | Lab File ID: U1927313.D

Analysis Method: 8260D | Date Collected: 04/25/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927313.D
Lims ID: 240-165834-B-2
Client ID: GW-042522-SS-002
Sample Type: Client
Inject. Date: 05-May-2022 15:14:27 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-018
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 18:43:41 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:18:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	774044	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	561555	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	270927	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	212557	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	261404	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	697902	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	237463	18.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	536053	39.2	
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	7
35 1,1-Dichloroethane	63	4.550	4.538	0.012	95	9953	0.5809	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	332740	28.1	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	7
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

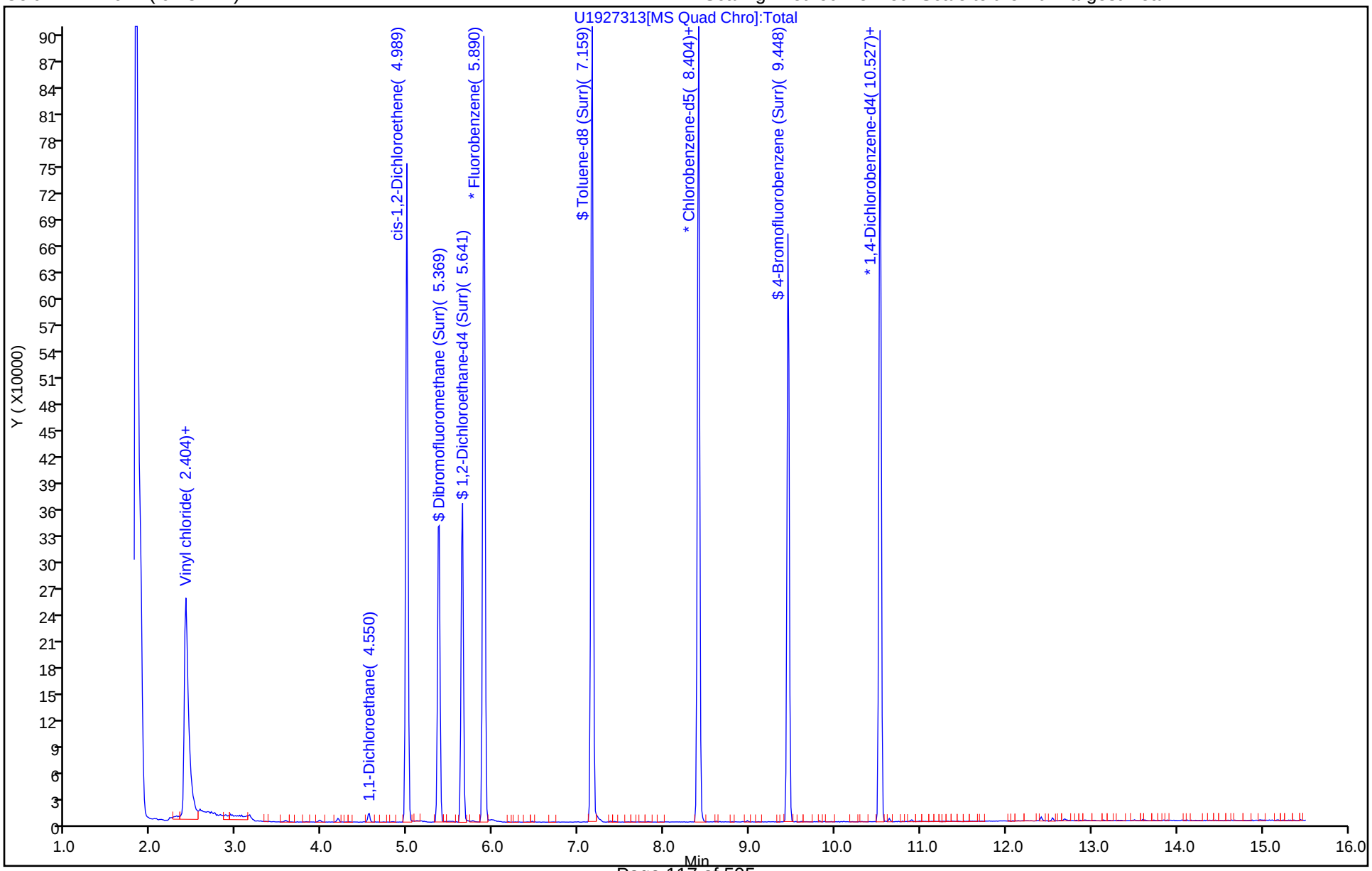
Report Date: 06-May-2022 08:18:00 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927313.D

Injection Date:	05-May-2022 15:14:27	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-2	Lab Sample ID:	240-165834-2	Worklist Smp#:	18
Client ID:	GW-042522-SS-002				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927313.D				
Lims ID:	240-165834-B-2				
Client ID:	GW-042522-SS-002				
Sample Type:	Client				
Inject. Date:	05-May-2022 15:14:27	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118262-018				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	05-May-2022 18:43:41	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 08:18:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	93.86
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	102.70
$ 6 Toluene-d8 (Surr)	20.0	20.4	102.19
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	94.60

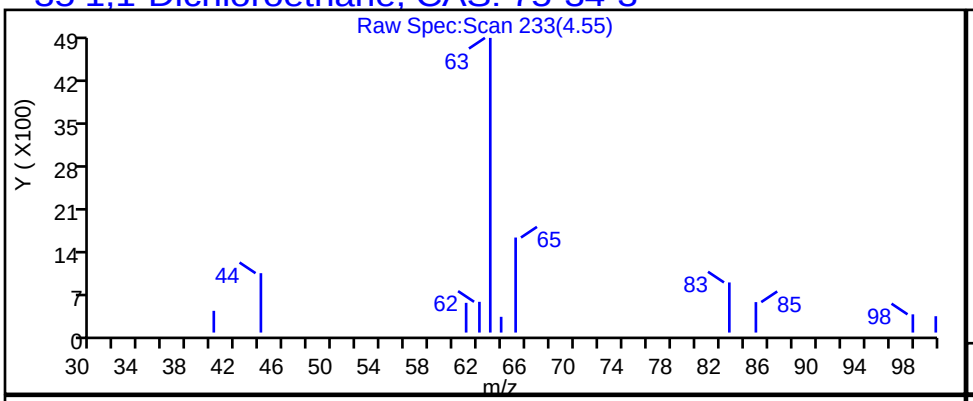
Report Date: 06-May-2022 08:18:00 Chrom Revision: 2.3 12-Apr-2022 20:29:44

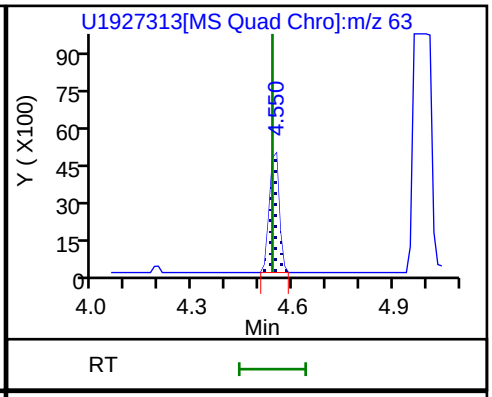
Eurofins Canton

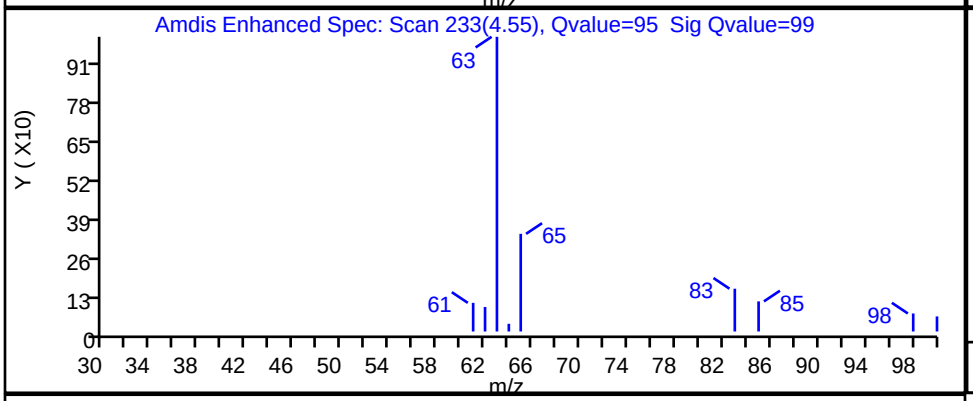
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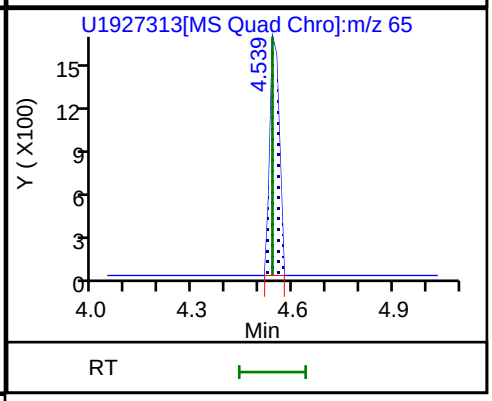
Injection Date:	05-May-2022 15:14:27	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-2	Lab Sample ID:	240-165834-2		
Client ID:	GW-042522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

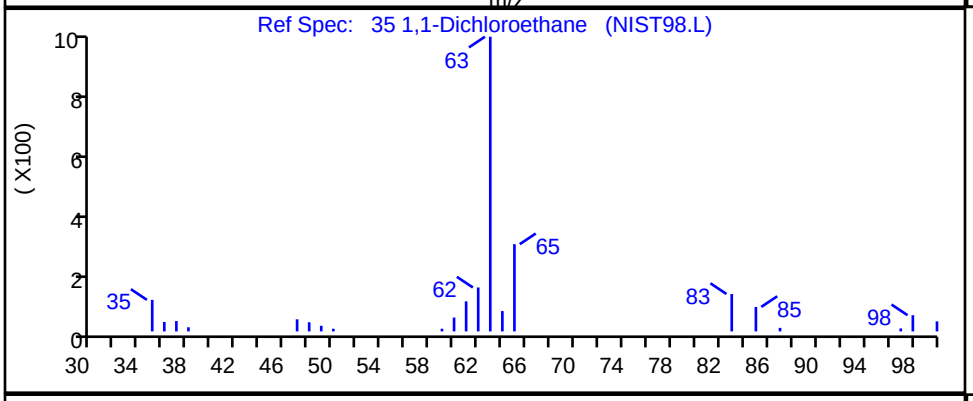
35 1,1-Dichloroethane, CAS: 75-34-3

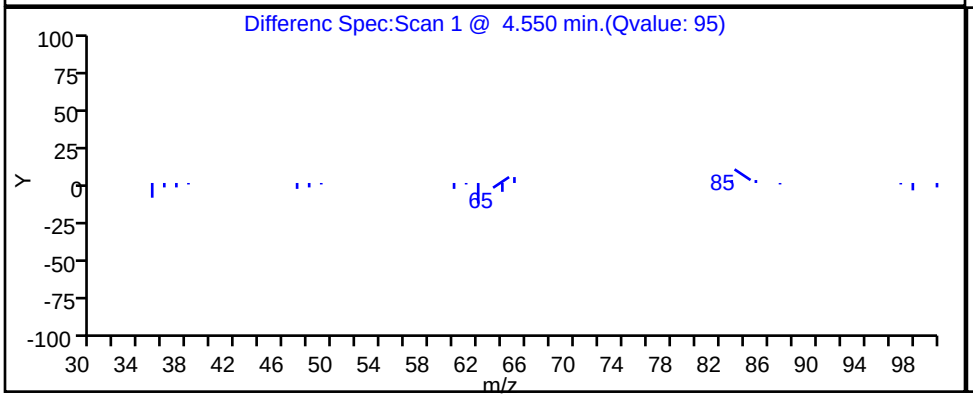


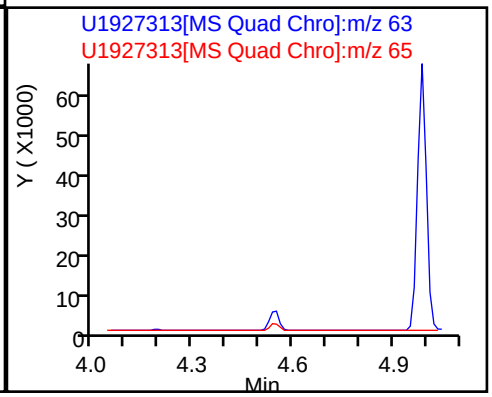












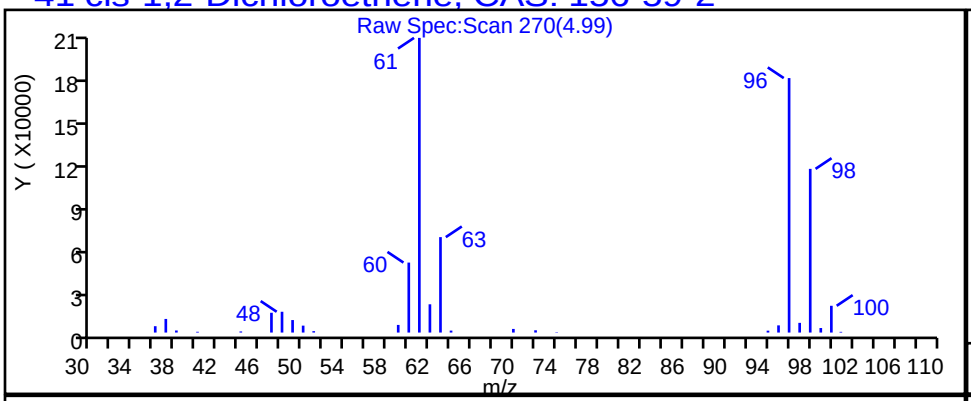
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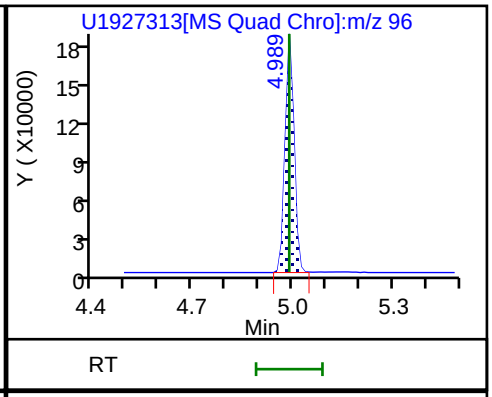
Eurofins Canton

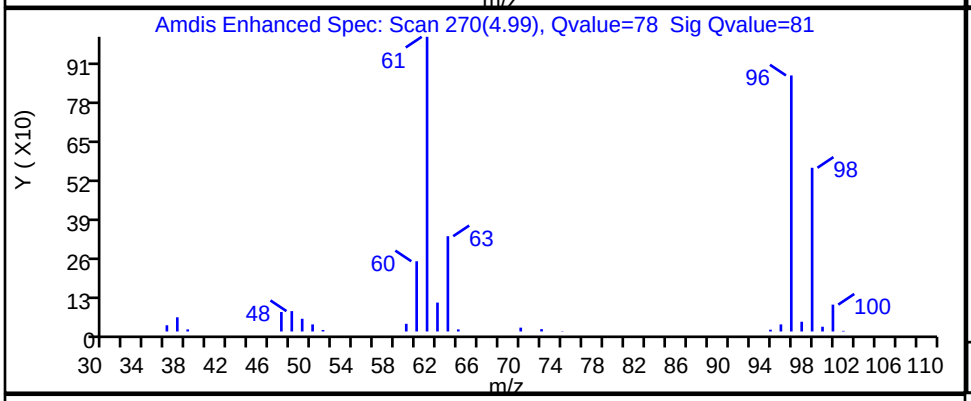
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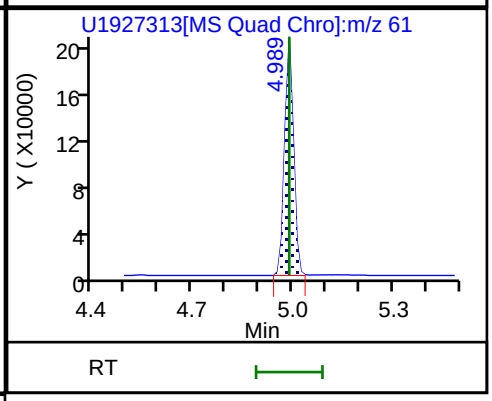
Injection Date:	05-May-2022 15:14:27	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-2	Lab Sample ID:	240-165834-2		
Client ID:	GW-042522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

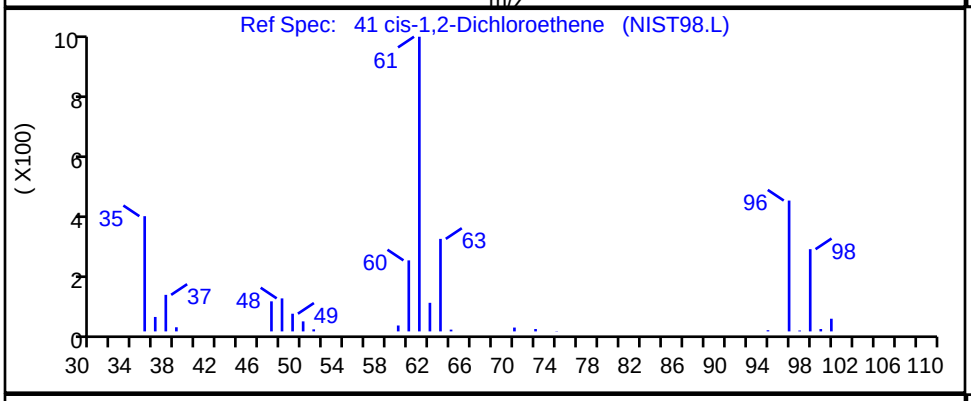
41 cis-1,2-Dichloroethene, CAS: 156-59-2

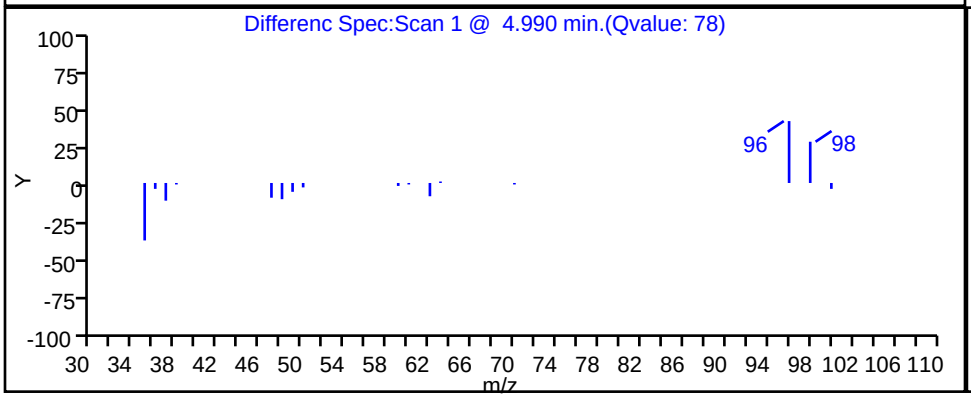


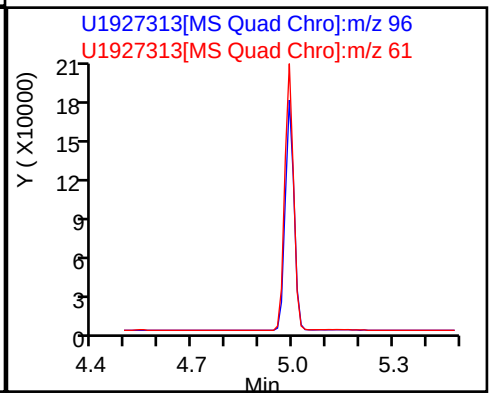












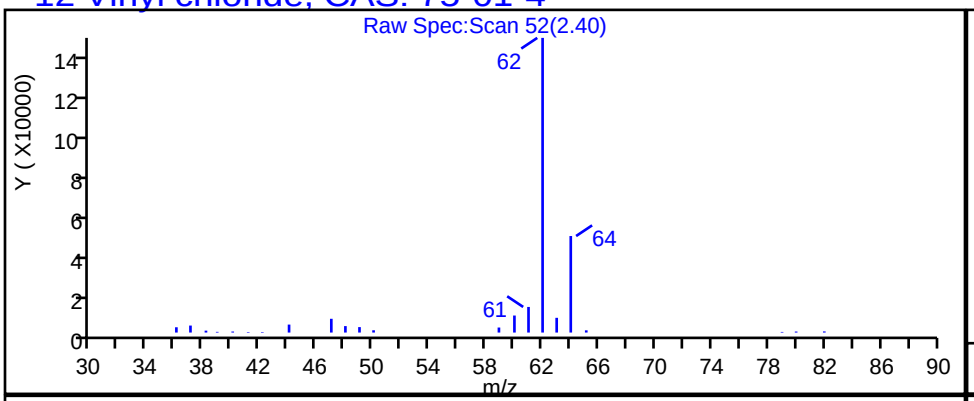
Report Date: 06-May-2022 08:18:00 Chrom Revision: 2.3 12-Apr-2022 20:29:44

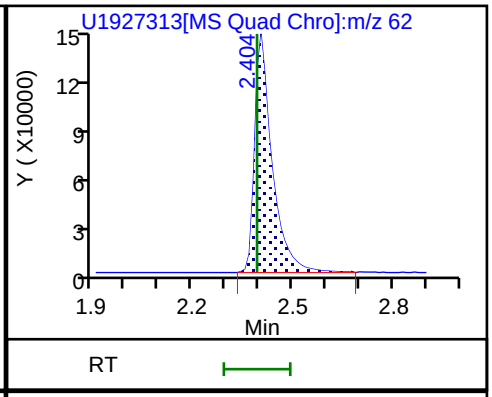
Eurofins Canton

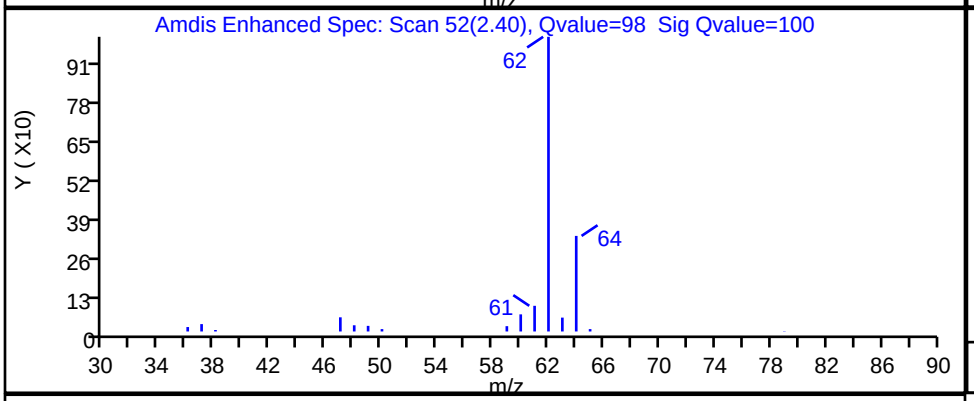
Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927313.D

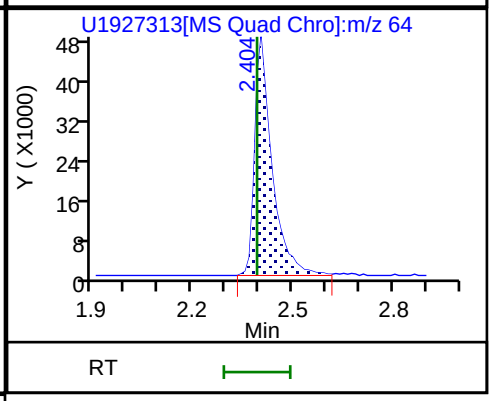
Injection Date:	05-May-2022 15:14:27	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-2	Lab Sample ID:	240-165834-2		
Client ID:	GW-042522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

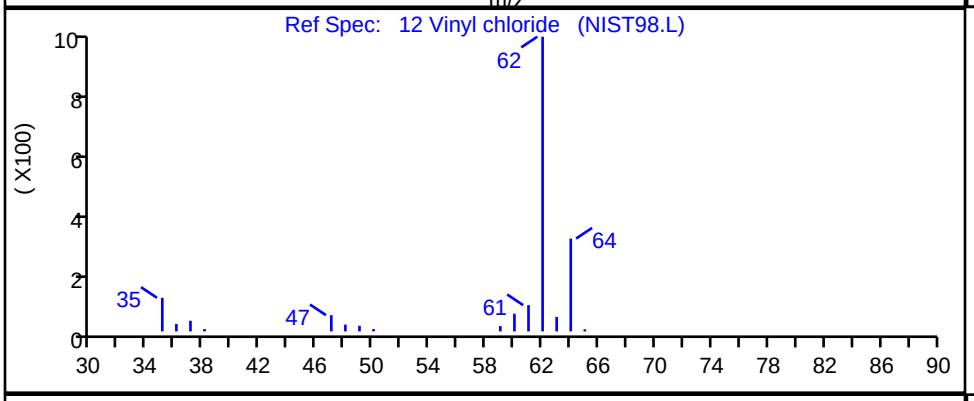
12 Vinyl chloride, CAS: 75-01-4

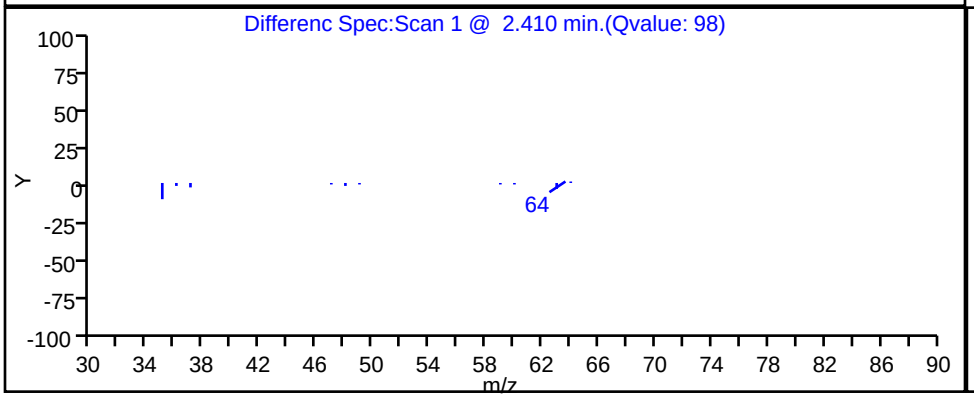


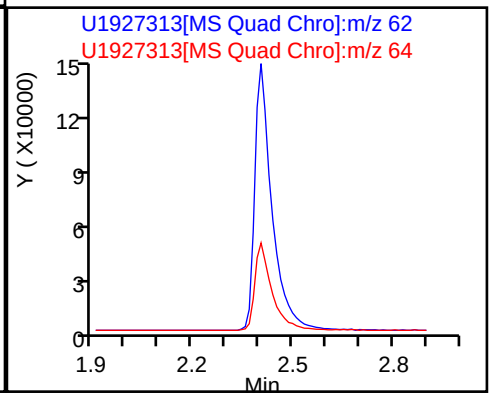












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-003 | Lab Sample ID: 240-165834-3

Matrix: Water | Lab File ID: U1927314.D

Analysis Method: 8260D | Date Collected: 04/25/2022 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:36

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	100	U	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	2000		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	77	J	100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	100	U	100	44
75-01-4	Vinyl chloride	100	U	100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-003 | Lab Sample ID: 240-165834-3

Matrix: Water | Lab File ID: U1927314.D

Analysis Method: 8260D | Date Collected: 04/25/2022 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:36

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D
Lims ID: 240-165834-B-3
Client ID: GW-042522-SS-003
Sample Type: Client
Inject. Date: 05-May-2022 15:36:47 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-019
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:18:42 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:18:42

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	783729	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	568651	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	273701	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	214451	18.7	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	260937	20.2	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	707231	20.5	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	240806	18.9	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.392	2.392	0.000	94	5145	0.3720	
	13 Bromomethane	94		2.759				ND	
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61		3.542				ND	
	22 Acetone	43		3.566				ND	7
	25 Carbon disulfide	76		3.767				ND	
	29 Methylene Chloride	49	3.957	3.957	0.000	86	10089	0.1513	
	32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	92	10877	0.7709	
	35 1,1-Dichloroethane	63	4.538	4.538	0.000	93	4352	0.2508	
	40 2-Butanone (MEK)	72		4.965				ND	U
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	235442	19.6	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.523				ND	
	54 Benzene	78		5.677				ND	
	55 1,2-Dichloroethane	62		5.700				ND	
	59 Trichloroethene	130		6.175				ND	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.578				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	7
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

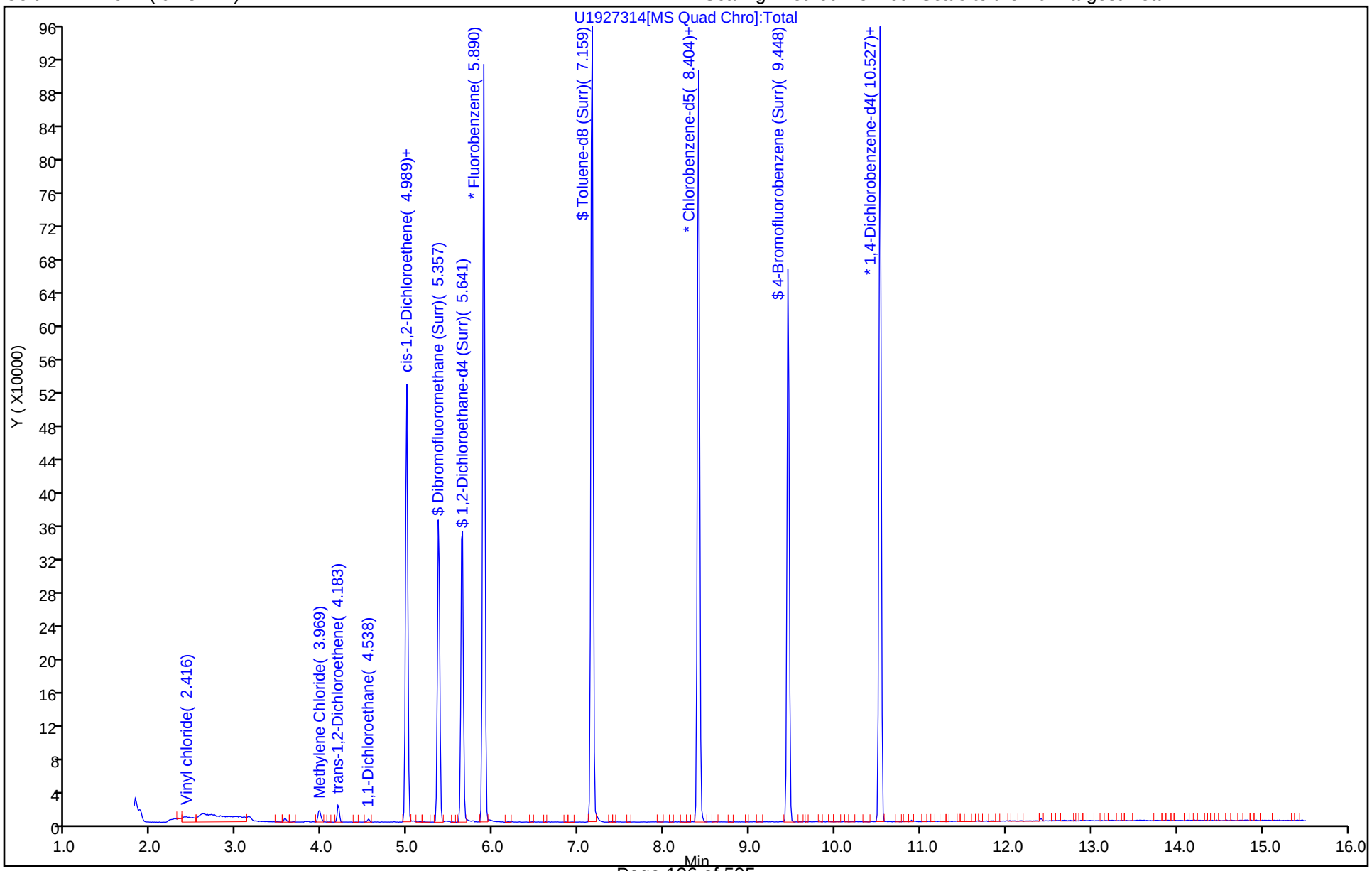
Report Date: 06-May-2022 08:18:42 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D

Injection Date:	05-May-2022 15:36:47	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-3	Lab Sample ID:	240-165834-3	Worklist Smp#:	19
Client ID:	GW-042522-SS-003				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D				
Lims ID:	240-165834-B-3				
Client ID:	GW-042522-SS-003				
Sample Type:	Client				
Inject. Date:	05-May-2022 15:36:47	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Sample Info:	240-0118262-019				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 08:18:42	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 08:18:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	9352.51
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	10124.52
$ 6 Toluene-d8 (Surr)	20.0	20.5	10226.84
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	9473.19

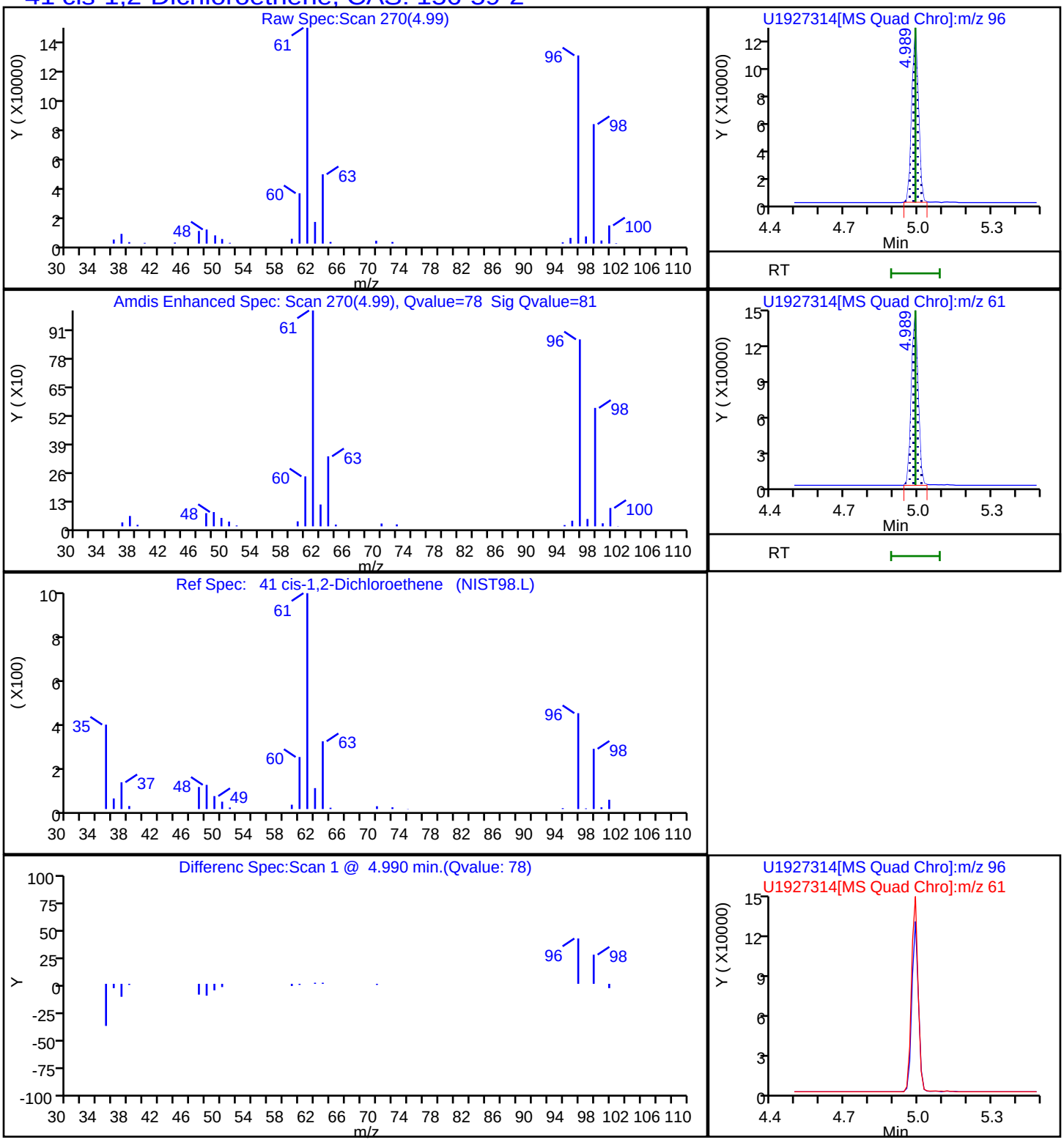
Report Date: 06-May-2022 08:18:42 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D

Injection Date:	05-May-2022 15:36:47	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-3	Lab Sample ID:	240-165834-3		
Client ID:	GW-042522-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



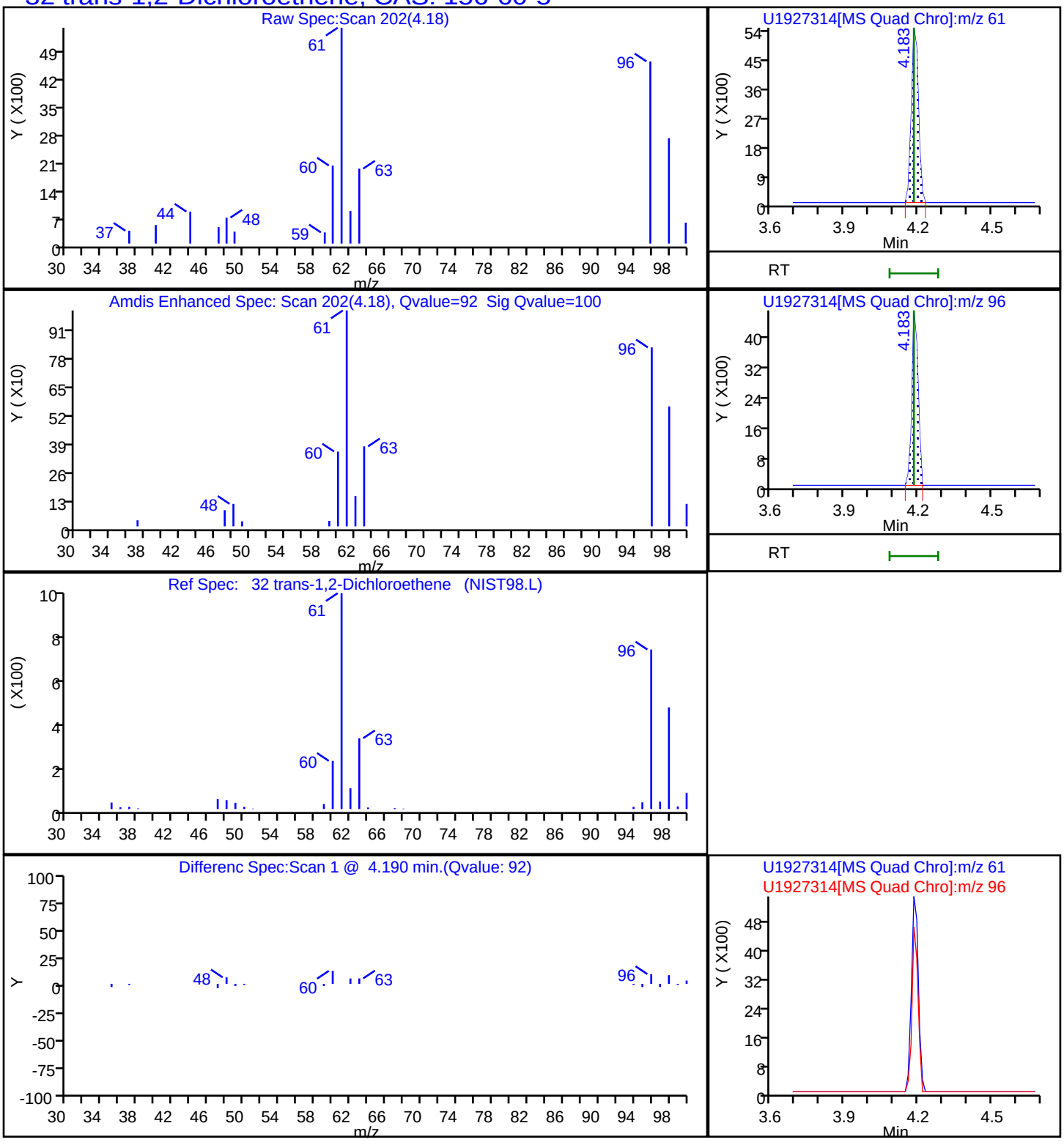
Report Date: 06-May-2022 08:18:42 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D

Injection Date:	05-May-2022 15:36:47	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-3	Lab Sample ID:	240-165834-3		
Client ID:	GW-042522-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

32 trans-1,2-Dichloroethene, CAS: 156-60-5



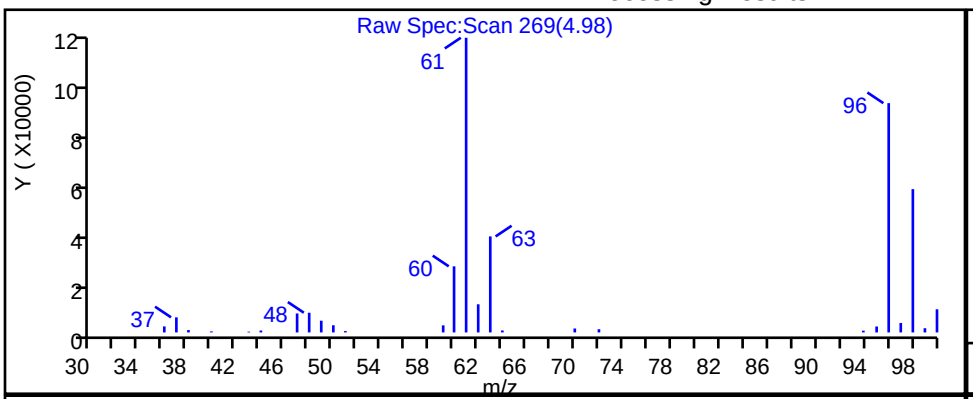
User Disabled Compound Report

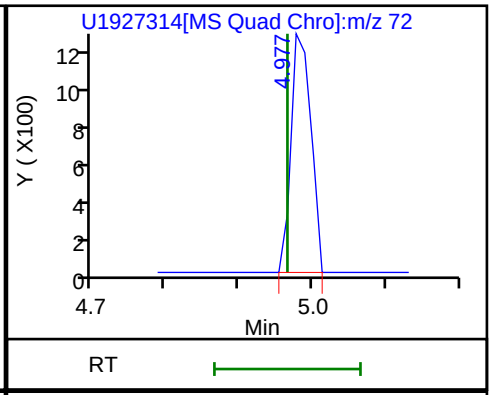
Eurofins Canton

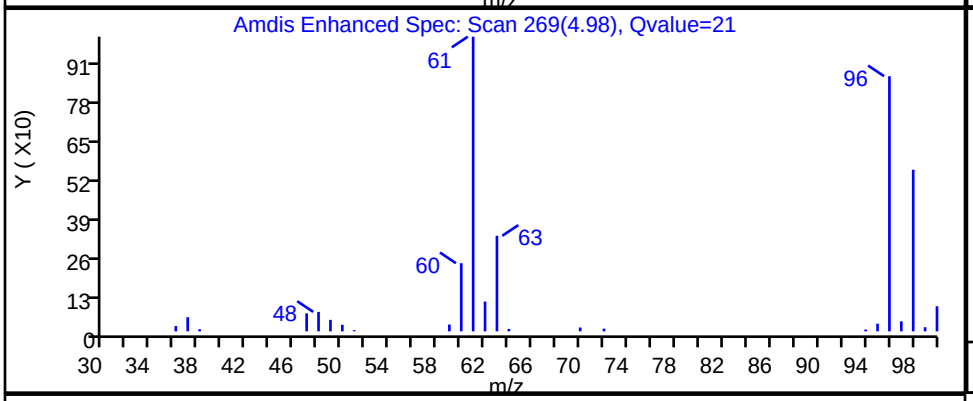
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927314.D				
Injection Date:	05-May-2022 15:36:47	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-3	Lab Sample ID:	240-165834-3		
Client ID:	GW-042522-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

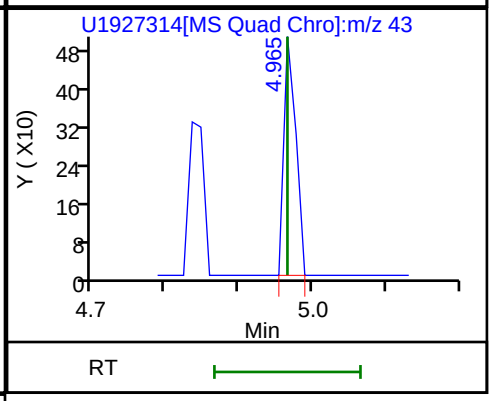
40 2-Butanone (MEK), CAS: 78-93-3

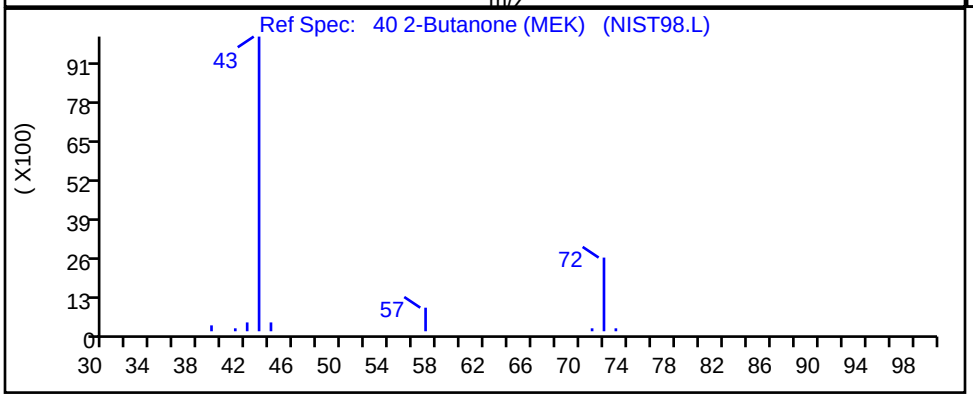
Processing Results











RT	Mass	Response	Amount
4.98	72.00	2360	1.202936
4.97	43.00	567	

Reviewer: laveyt, 06-May-2022 08:18:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-004 | Lab Sample ID: 240-165834-4

Matrix: Water | Lab File ID: U1927315.D

Analysis Method: 8260D | Date Collected: 04/25/2022 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	0.50	J	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	9.0		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.79	J	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	54		1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-004 | Lab Sample ID: 240-165834-4

Matrix: Water | Lab File ID: U1927315.D

Analysis Method: 8260D | Date Collected: 04/25/2022 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 15:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	95		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927315.D
Lims ID: 240-165834-B-4
Client ID: GW-042522-SS-004
Sample Type: Client
Inject. Date: 05-May-2022 15:59:06 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-020
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:18:42 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:18:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	768014	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	557586	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	275363	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	213756	19.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	259564	20.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	692282	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	232620	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	733803	54.1	
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.194	4.183	0.011	95	10982	0.7943	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	95	8581	0.5047	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	77	105326	8.95	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	7
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

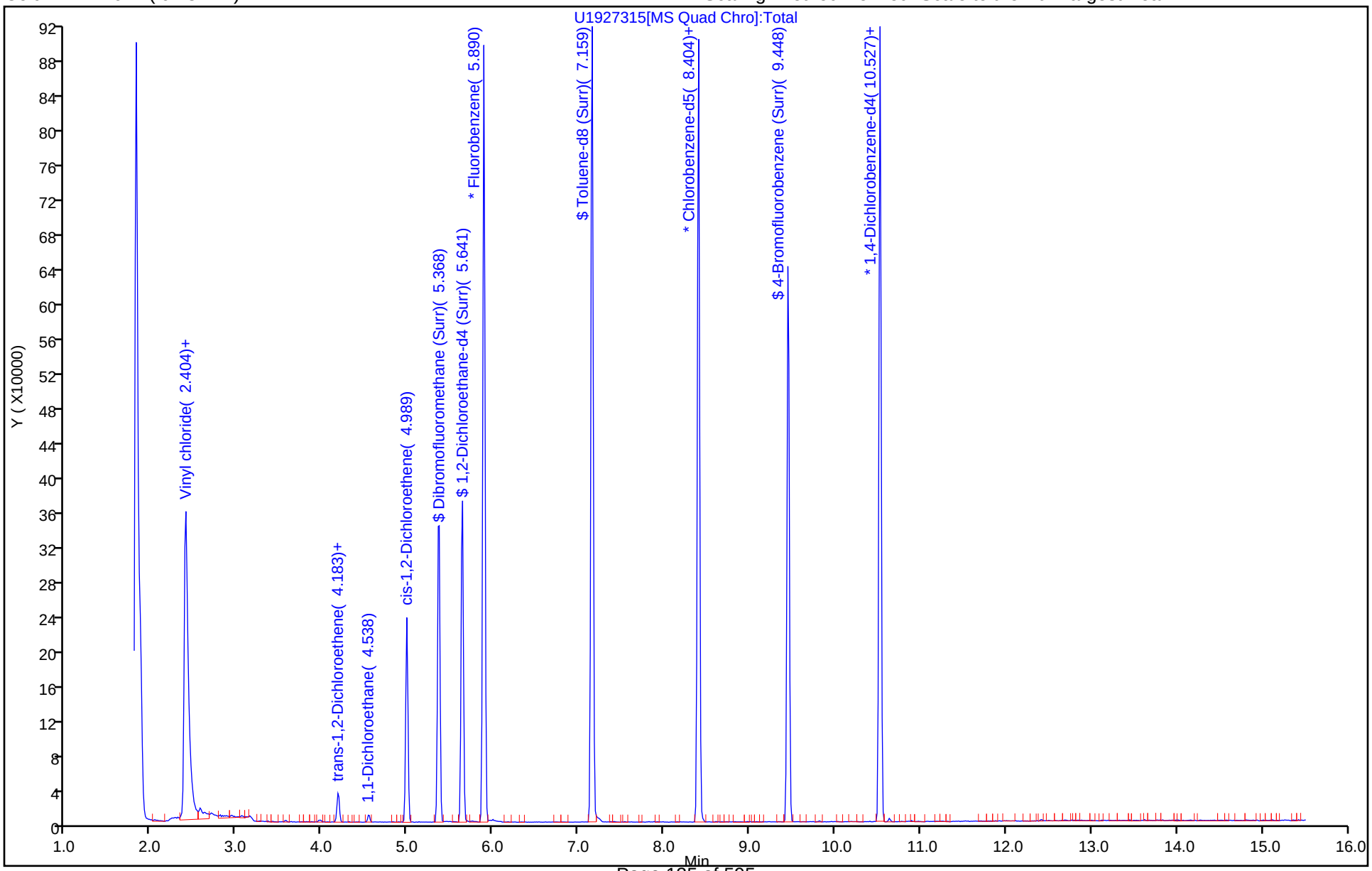
Report Date: 06-May-2022 08:18:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927315.D

Injection Date:	05-May-2022 15:59:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-4	Lab Sample ID:	240-165834-4	Worklist Smp#:	20
Client ID:	GW-042522-SS-004				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927315.D
Lims ID: 240-165834-B-4
Client ID: GW-042522-SS-004
Sample Type: Client
Inject. Date: 05-May-2022 15:59:06 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-020
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:18:42 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:18:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	19.0	95.13
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.6	102.77
$ 6 Toluene-d8 (Surr)	20.0	20.4	102.09
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	93.33

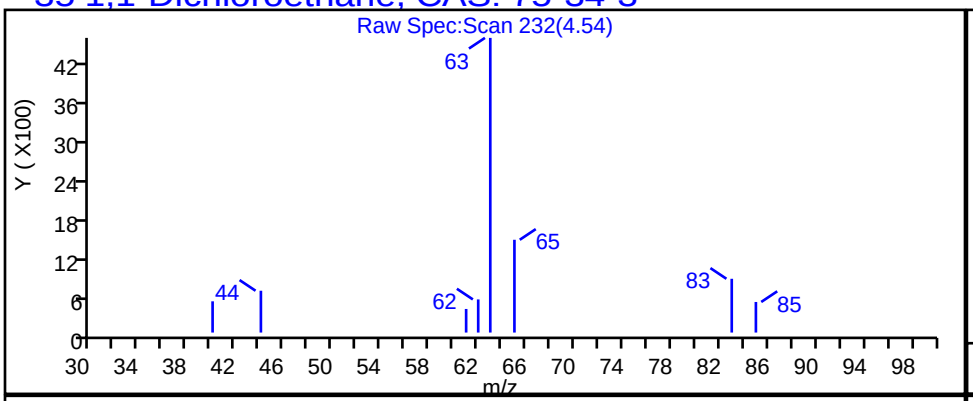
Report Date: 06-May-2022 08:18:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

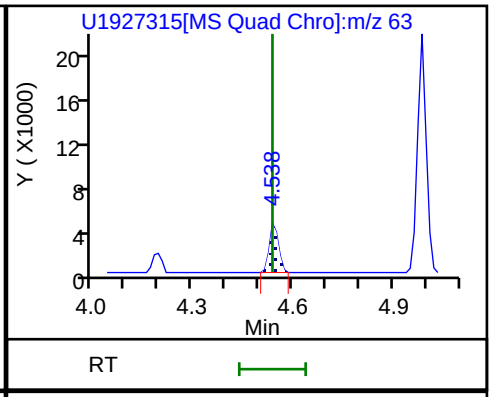
Eurofins Canton

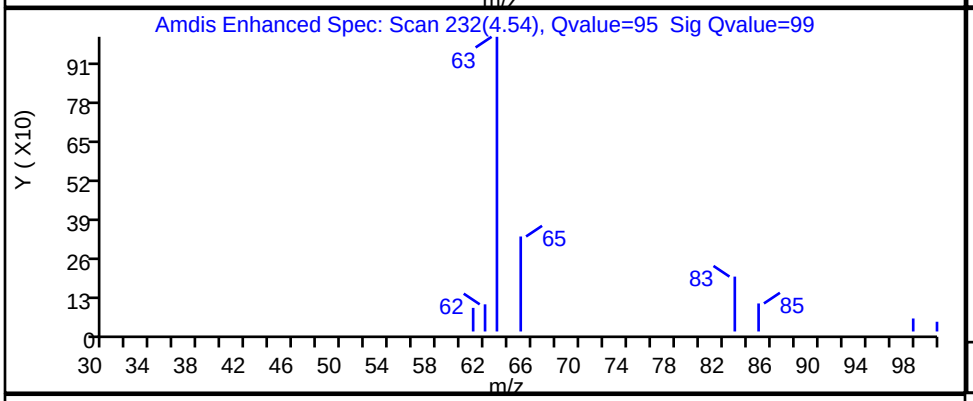
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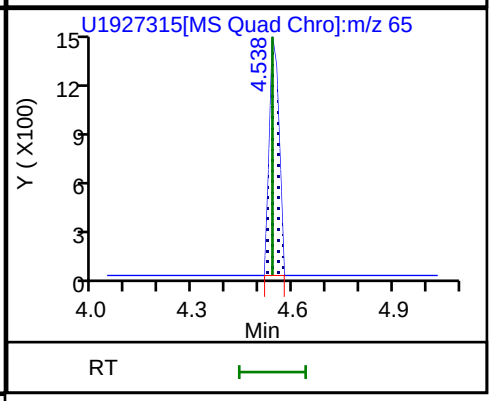
Injection Date:	05-May-2022 15:59:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-4	Lab Sample ID:	240-165834-4		
Client ID:	GW-042522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

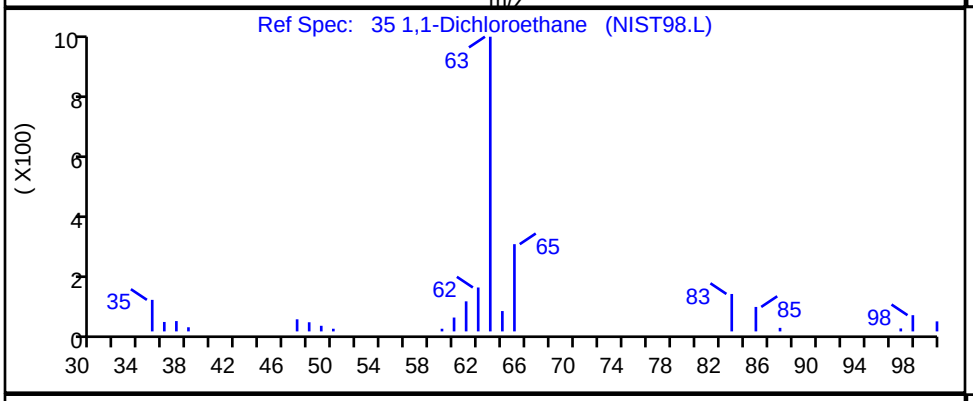
35 1,1-Dichloroethane, CAS: 75-34-3

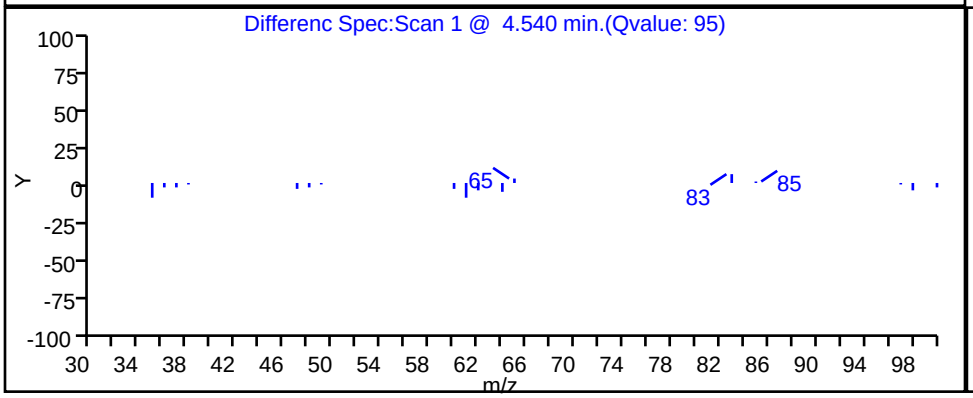


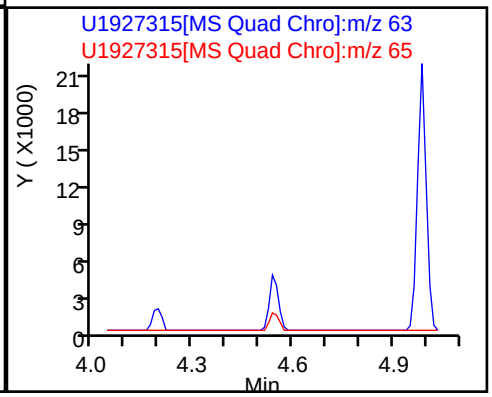












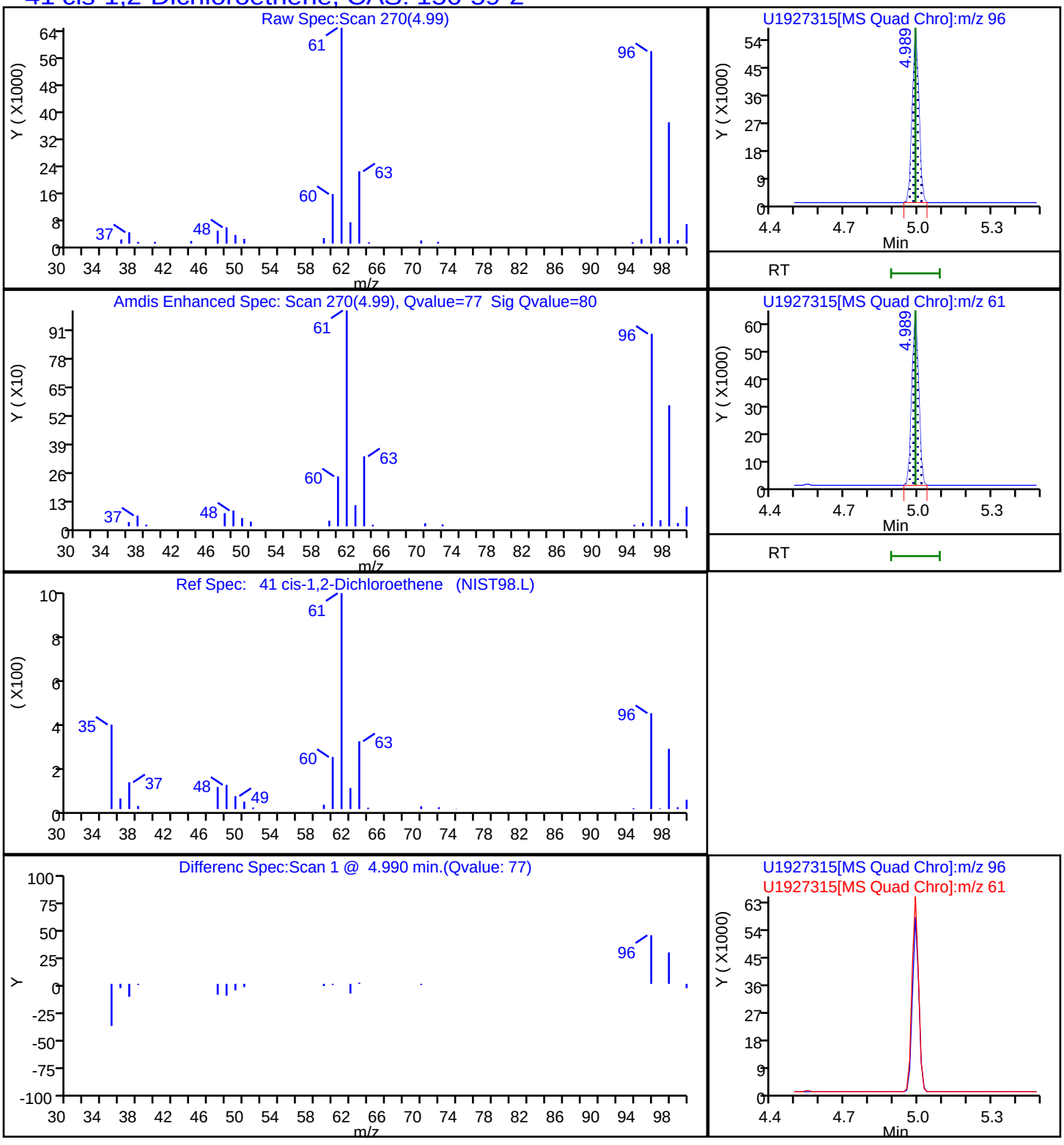
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927315.D

Injection Date:	05-May-2022 15:59:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-4	Lab Sample ID:	240-165834-4		
Client ID:	GW-042522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



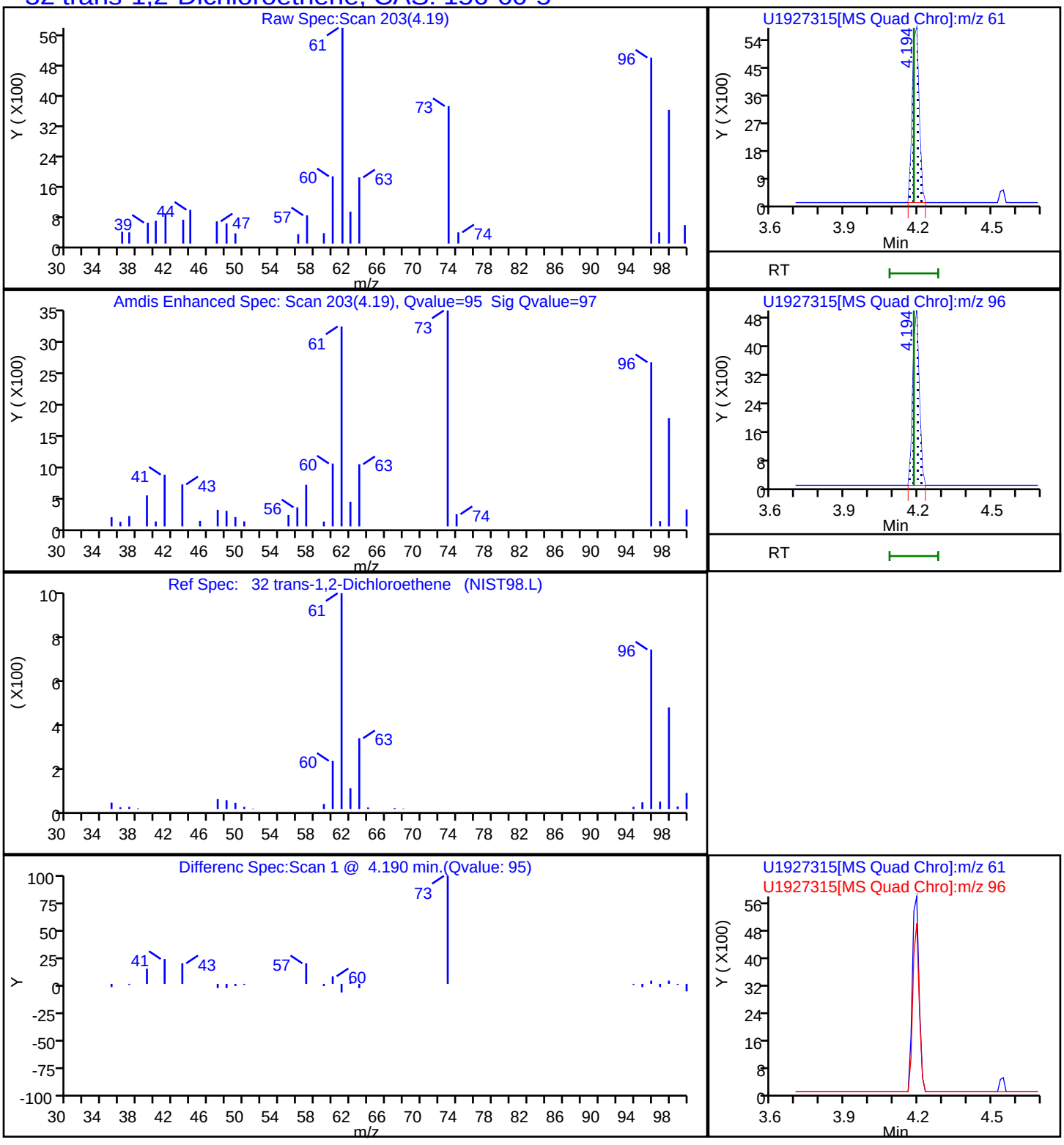
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927315.D

Injection Date:	05-May-2022 15:59:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-4	Lab Sample ID:	240-165834-4		
Client ID:	GW-042522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

32 trans-1,2-Dichloroethene, CAS: 156-60-5



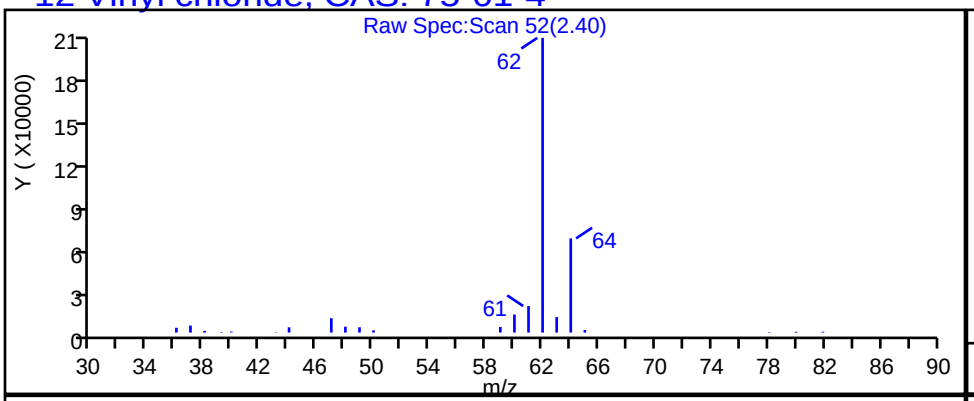
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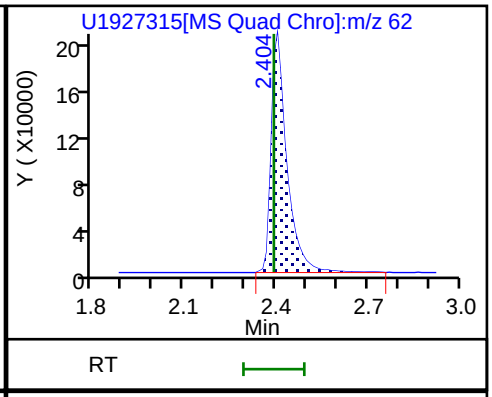
Eurofins Canton

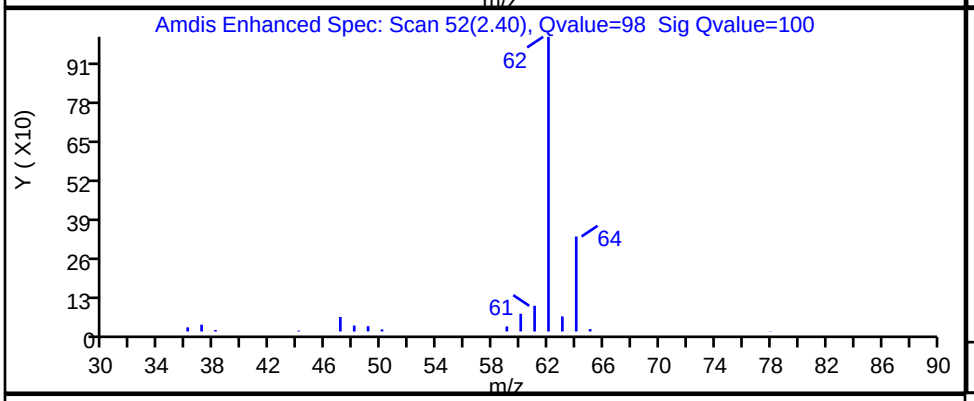
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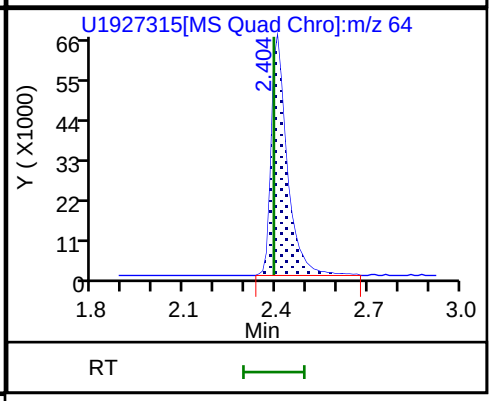
Injection Date:	05-May-2022 15:59:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-4	Lab Sample ID:	240-165834-4		
Client ID:	GW-042522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

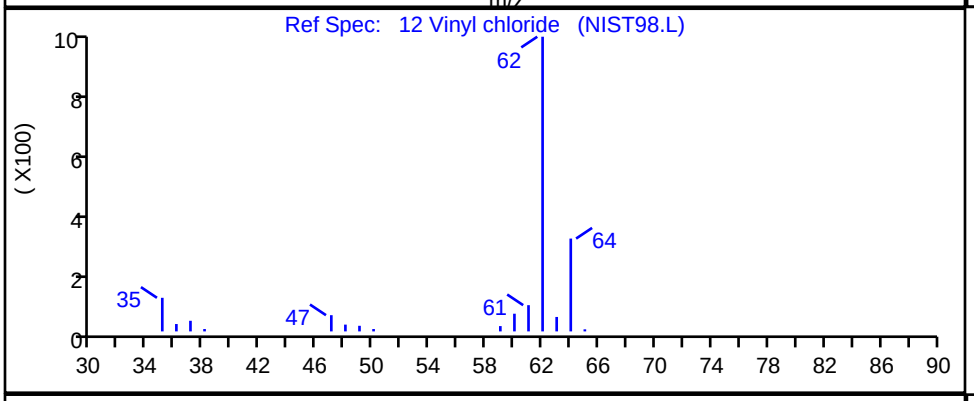
12 Vinyl chloride, CAS: 75-01-4

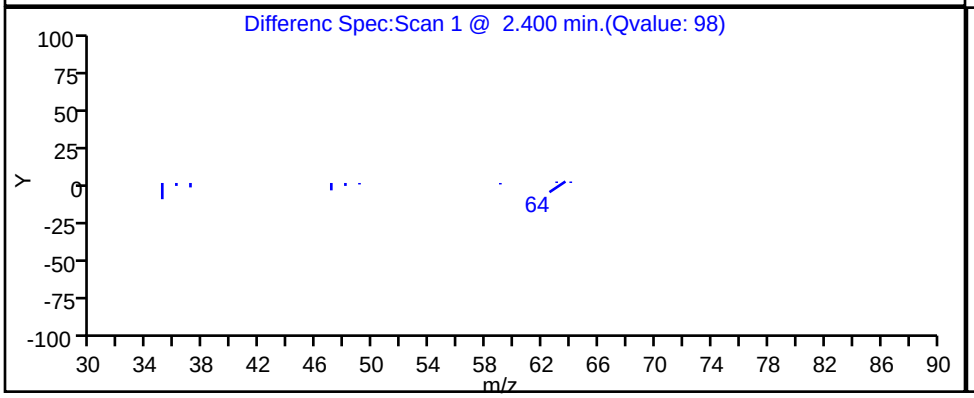


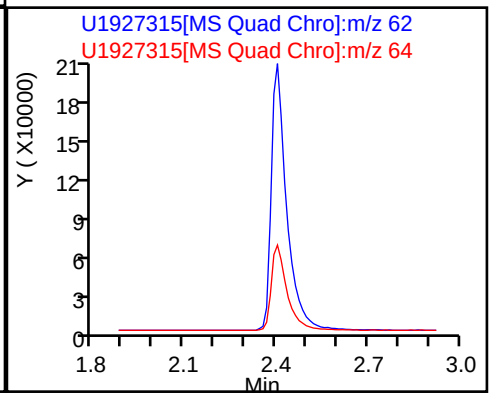












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-005 | Lab Sample ID: 240-165834-5

Matrix: Water | Lab File ID: U1927334.D

Analysis Method: 8260D | Date Collected: 04/25/2022 17:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 11:50

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4.0	U	4.0	1.9
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U	4.0	2.4
79-00-5	1,1,2-Trichloroethane	4.0	U	4.0	1.9
75-34-3	1,1-Dichloroethane	4.0	U	4.0	1.9
75-35-4	1,1-Dichloroethene	4.0	U	4.0	2.0
107-06-2	1,2-Dichloroethane	4.0	U	4.0	0.84
78-87-5	1,2-Dichloropropane	4.0	U	4.0	1.9
591-78-6	2-Hexanone	40	U	40	4.4
67-64-1	Acetone	40	U	40	22
71-43-2	Benzene	4.0	U	4.0	1.7
75-25-2	Bromoform	4.0	U	4.0	3.0
74-83-9	Bromomethane	4.0	U	4.0	1.7
75-15-0	Carbon disulfide	4.0	U	4.0	2.4
56-23-5	Carbon tetrachloride	4.0	U	4.0	1.0
108-90-7	Chlorobenzene	4.0	U	4.0	1.5
75-00-3	Chloroethane	4.0	U	4.0	3.3
67-66-3	Chloroform	4.0	U	4.0	1.9
74-87-3	Chloromethane	4.0	U	4.0	2.5
156-59-2	cis-1,2-Dichloroethene	6.4		4.0	1.8
10061-01-5	cis-1,3-Dichloropropene	4.0	U	4.0	2.4
75-27-4	Dichlorobromomethane	4.0	U	4.0	0.68
100-41-4	Ethylbenzene	4.0	U	4.0	1.7
78-93-3	2-Butanone (MEK)	40	U	40	4.6
108-10-1	4-Methyl-2-pentanone (MIBK)	40	U	40	4.0
75-09-2	Methylene Chloride	20	U	20	10
100-42-5	Styrene	4.0	U	4.0	1.8
127-18-4	Tetrachloroethene	4.0	U	4.0	1.8
108-88-3	Toluene	4.0	U	4.0	1.8
156-60-5	trans-1,2-Dichloroethene	4.0	U	4.0	2.0
10061-02-6	trans-1,3-Dichloropropene	4.0	U	4.0	2.7
79-01-6	Trichloroethene	4.0	U	4.0	1.8
75-01-4	Vinyl chloride	150		4.0	1.8
1330-20-7	Xylenes, Total	8.0	U	8.0	1.7
124-48-1	Chlorodibromomethane	4.0	U	4.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-005 | Lab Sample ID: 240-165834-5

Matrix: Water | Lab File ID: U1927334.D

Analysis Method: 8260D | Date Collected: 04/25/2022 17:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 11:50

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927334.D
Lims ID: 240-165834-C-5
Client ID: GW-042522-SS-005
Sample Type: Client
Inject. Date: 06-May-2022 11:50:41 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 4.0000
Sample Info: 240-0118300-009
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 12:20:14 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 12:20:34

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	775643	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	568273	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	268882	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	212018	18.7	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	257827	20.2	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	713095	20.6	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	237675	18.7	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.404	2.392	0.012	98	513525	37.5	
	13 Bromomethane	94		2.748				ND	
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61		3.542				ND	
	22 Acetone	43	3.566	3.566	0.000	98	11633	0.2514	
	25 Carbon disulfide	76		3.756				ND	7
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61		4.183				ND	7
	35 1,1-Dichloroethane	63		4.538				ND	
	40 2-Butanone (MEK)	72		4.953				ND	
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	18975	1.60	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.523				ND	
	54 Benzene	78		5.677				ND	
	55 1,2-Dichloroethane	62		5.700				ND	
	59 Trichloroethene	130		6.175				ND	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.578				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.373				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

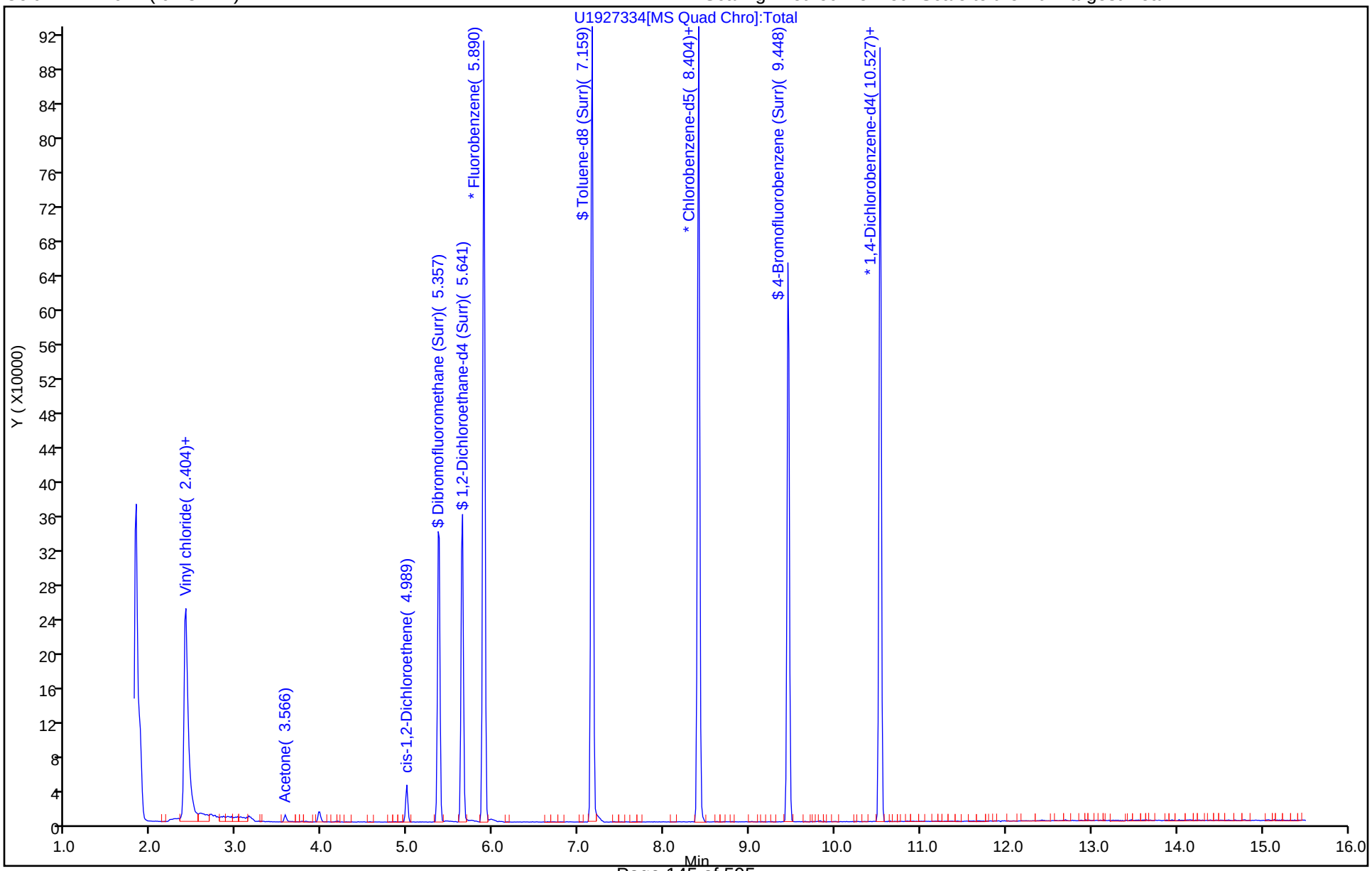
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927334.D

Injection Date:	06-May-2022 11:50:41	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-C-5	Lab Sample ID:	240-165834-5	Worklist Smp#:	9
Client ID:	GW-042522-SS-005				
Purge Vol:	5.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927334.D				
Lims ID:	240-165834-C-5				
Client ID:	GW-042522-SS-005				
Sample Type:	Client				
Inject. Date:	06-May-2022 11:50:41	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Sample Info:	240-0118300-009				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 12:20:14	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 12:20:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	373.71
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	404.33
$ 6 Toluene-d8 (Surr)	20.0	20.6	412.74
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	374.25

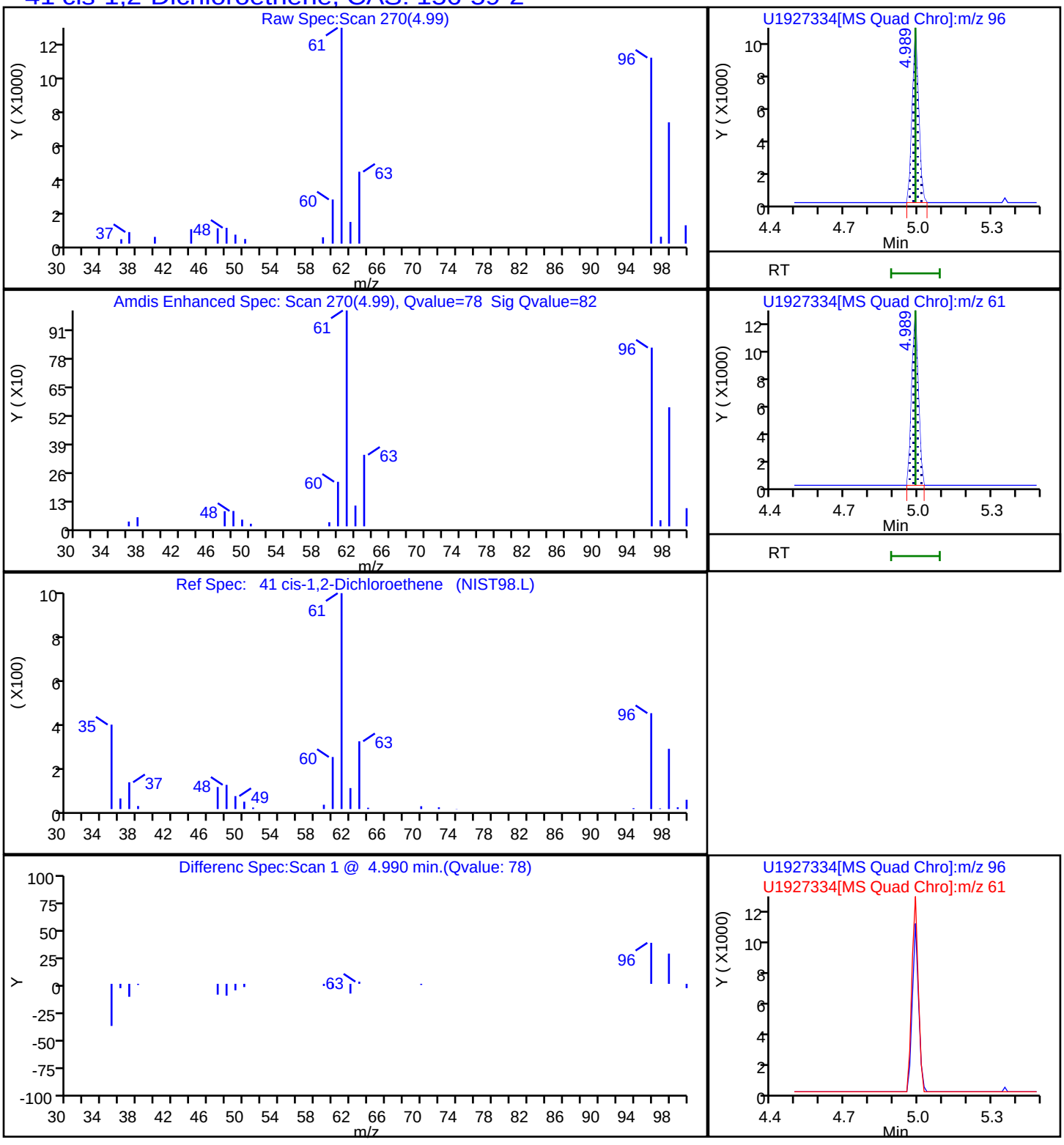
Report Date: 06-May-2022 12:20:34 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927334.D

Injection Date:	06-May-2022 11:50:41	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-5	Lab Sample ID:	240-165834-5		
Client ID:	GW-042522-SS-005				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



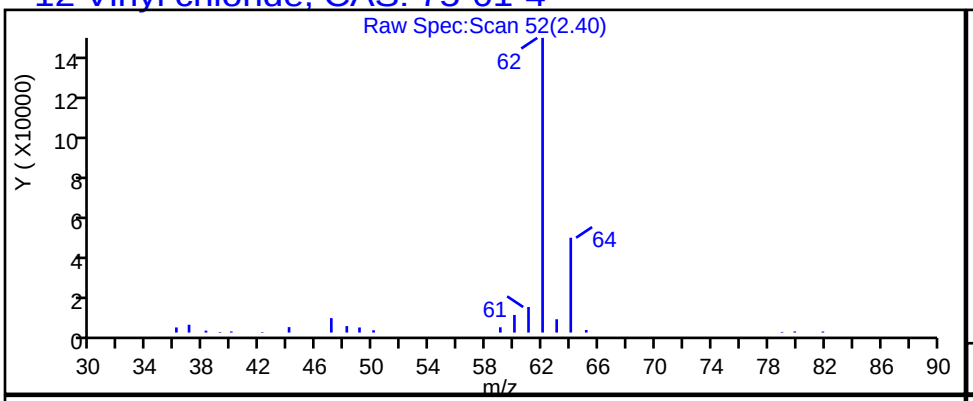
Report Date: 06-May-2022 12:20:34 Chrom Revision: 2.3 12-Apr-2022 20:29:44

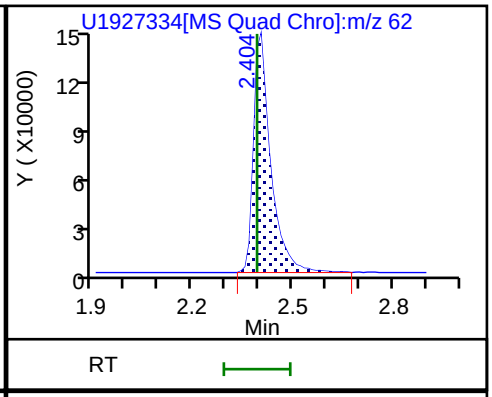
Eurofins Canton

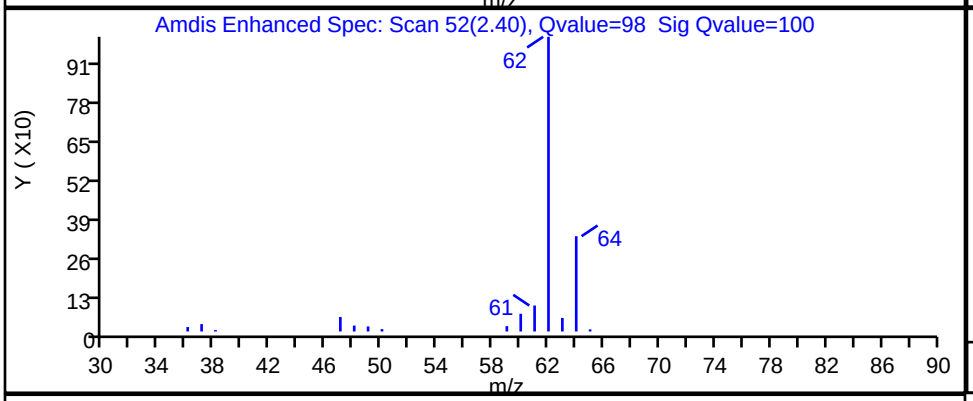
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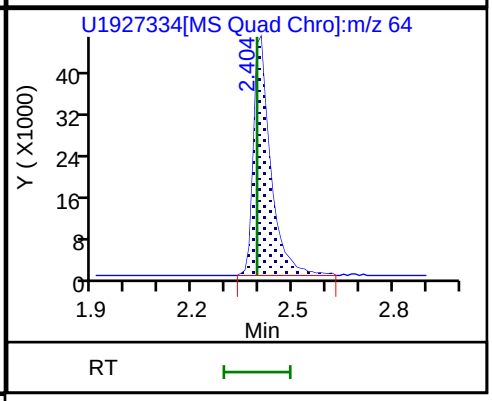
Injection Date:	06-May-2022 11:50:41	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-5	Lab Sample ID:	240-165834-5		
Client ID:	GW-042522-SS-005				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

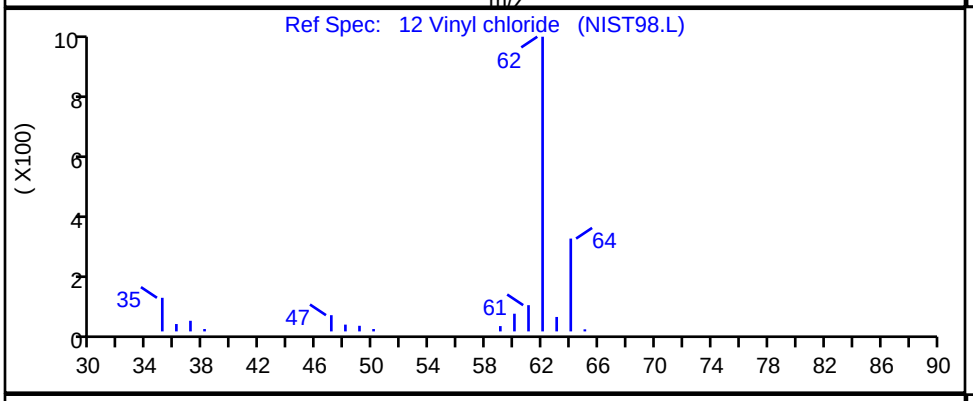
12 Vinyl chloride, CAS: 75-01-4

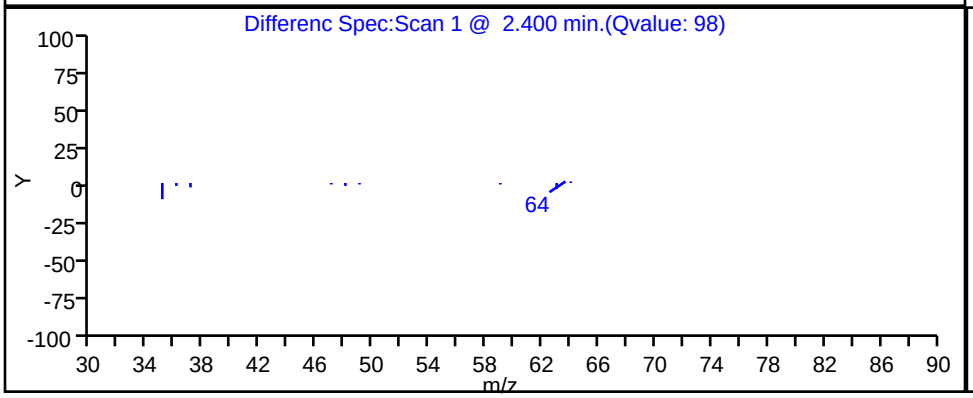


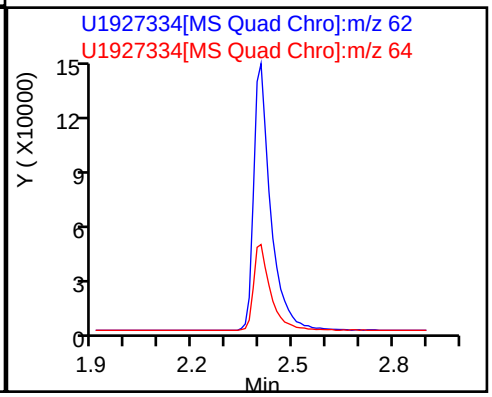












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-006 | Lab Sample ID: 240-165834-6

Matrix: Water | Lab File ID: U1927335.D

Analysis Method: 8260D | Date Collected: 04/25/2022 17:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:13

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4.0	U	4.0	1.9
79-34-5	1,1,2,2-Tetrachloroethane	4.0	U	4.0	2.4
79-00-5	1,1,2-Trichloroethane	4.0	U	4.0	1.9
75-34-3	1,1-Dichloroethane	4.0	U	4.0	1.9
75-35-4	1,1-Dichloroethene	4.0	U	4.0	2.0
107-06-2	1,2-Dichloroethane	4.0	U	4.0	0.84
78-87-5	1,2-Dichloropropane	4.0	U	4.0	1.9
591-78-6	2-Hexanone	40	U	40	4.4
67-64-1	Acetone	40	U	40	22
71-43-2	Benzene	4.0	U	4.0	1.7
75-25-2	Bromoform	4.0	U	4.0	3.0
74-83-9	Bromomethane	4.0	U	4.0	1.7
75-15-0	Carbon disulfide	4.0	U	4.0	2.4
56-23-5	Carbon tetrachloride	4.0	U	4.0	1.0
108-90-7	Chlorobenzene	4.0	U	4.0	1.5
75-00-3	Chloroethane	4.0	U	4.0	3.3
67-66-3	Chloroform	4.0	U	4.0	1.9
74-87-3	Chloromethane	4.0	U	4.0	2.5
156-59-2	cis-1,2-Dichloroethene	7.0		4.0	1.8
10061-01-5	cis-1,3-Dichloropropene	4.0	U	4.0	2.4
75-27-4	Dichlorobromomethane	4.0	U	4.0	0.68
100-41-4	Ethylbenzene	4.0	U	4.0	1.7
78-93-3	2-Butanone (MEK)	40	U	40	4.6
108-10-1	4-Methyl-2-pentanone (MIBK)	40	U	40	4.0
75-09-2	Methylene Chloride	20	U	20	10
100-42-5	Styrene	4.0	U	4.0	1.8
127-18-4	Tetrachloroethene	4.0	U	4.0	1.8
108-88-3	Toluene	4.0	U	4.0	1.8
156-60-5	trans-1,2-Dichloroethene	4.0	U	4.0	2.0
10061-02-6	trans-1,3-Dichloropropene	4.0	U	4.0	2.7
79-01-6	Trichloroethene	4.0	U	4.0	1.8
75-01-4	Vinyl chloride	160		4.0	1.8
1330-20-7	Xylenes, Total	8.0	U	8.0	1.7
124-48-1	Chlorodibromomethane	4.0	U	4.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042522-SS-006 | Lab Sample ID: 240-165834-6

Matrix: Water | Lab File ID: U1927335.D

Analysis Method: 8260D | Date Collected: 04/25/2022 17:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:13

Soil Aliquot Vol: | Dilution Factor: 4

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927335.D
Lims ID: 240-165834-C-6
Client ID: GW-042522-SS-006
Sample Type: Client
Inject. Date: 06-May-2022 12:13:00 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 4.0000
Sample Info: 240-0118300-010
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 11:15:29 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 13:26:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	777622	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	570105	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	275640	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.011	92	210537	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	257374	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	697494	20.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	237783	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	538160	39.2	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43	3.566	3.566	0.000	99	11242	0.1417	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	7
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	20986	1.76	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

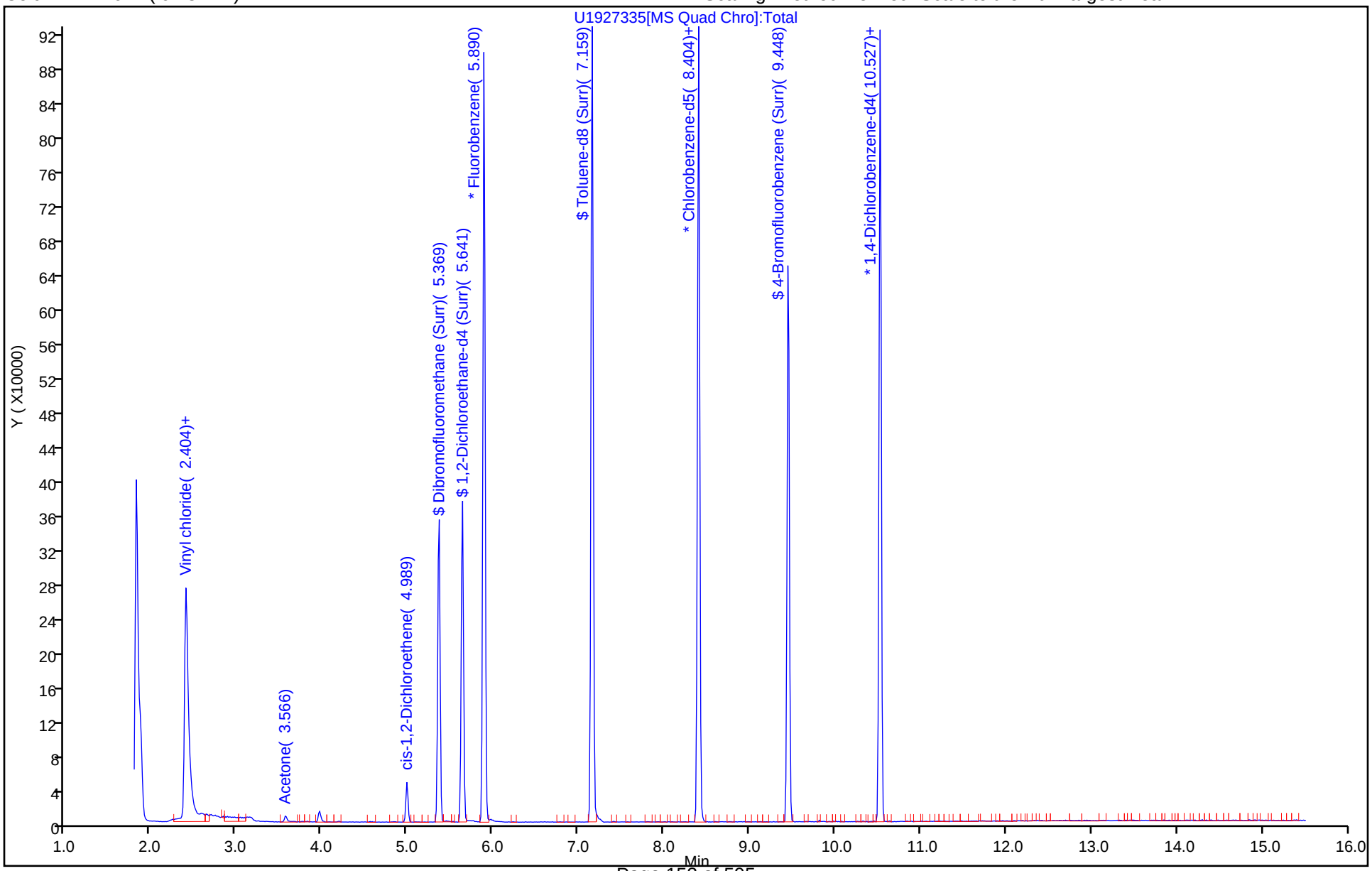
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927335.D

Injection Date:	06-May-2022 12:13:00	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-C-6	Lab Sample ID:	240-165834-6	Worklist Smp#:	10
Client ID:	GW-042522-SS-006				
Purge Vol:	5.000 mL	Dil. Factor:	4.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927335.D				
Lims ID:	240-165834-C-6				
Client ID:	GW-042522-SS-006				
Sample Type:	Client				
Inject. Date:	06-May-2022 12:13:00	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Sample Info:	240-0118300-010				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 11:15:29	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 13:26:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	370.16
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.1	402.59
$ 6 Toluene-d8 (Surr)	20.0	20.1	402.41
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	373.22

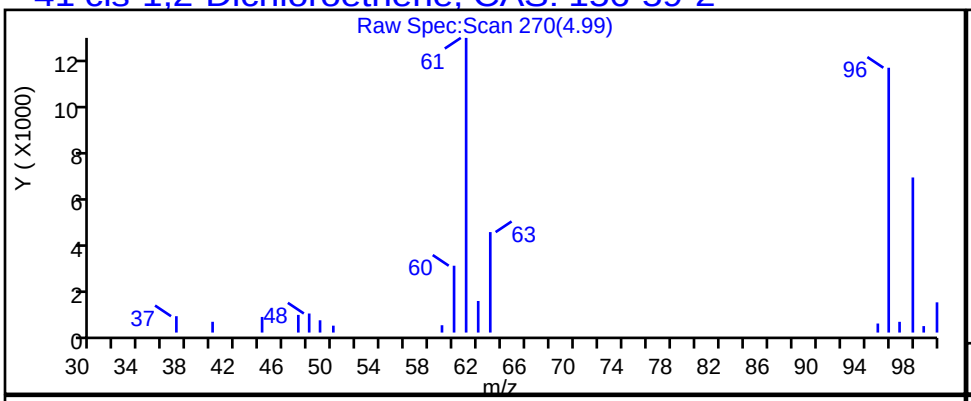
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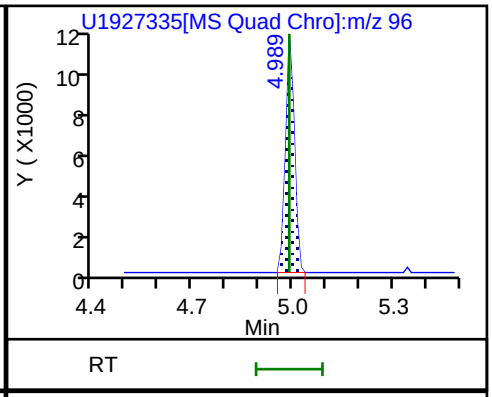
Eurofins Canton

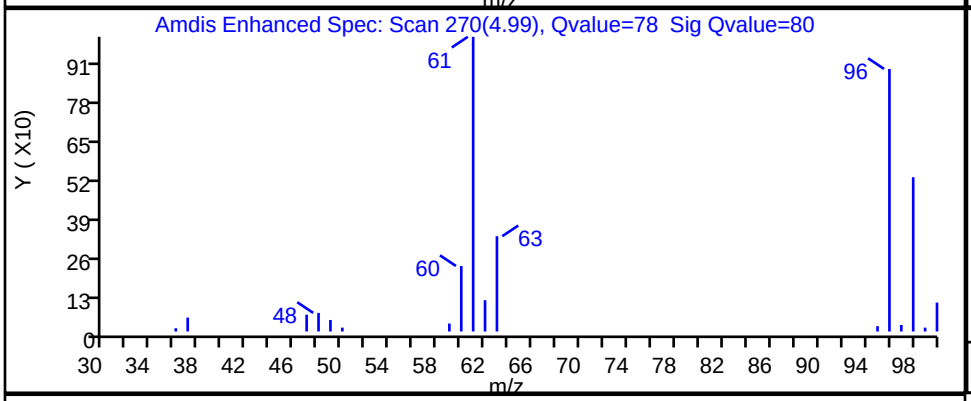
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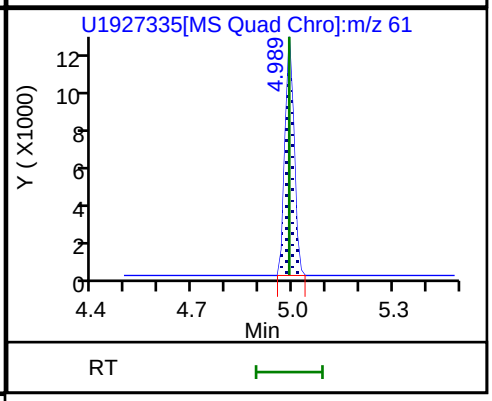
Injection Date:	06-May-2022 12:13:00	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-6	Lab Sample ID:	240-165834-6		
Client ID:	GW-042522-SS-006				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

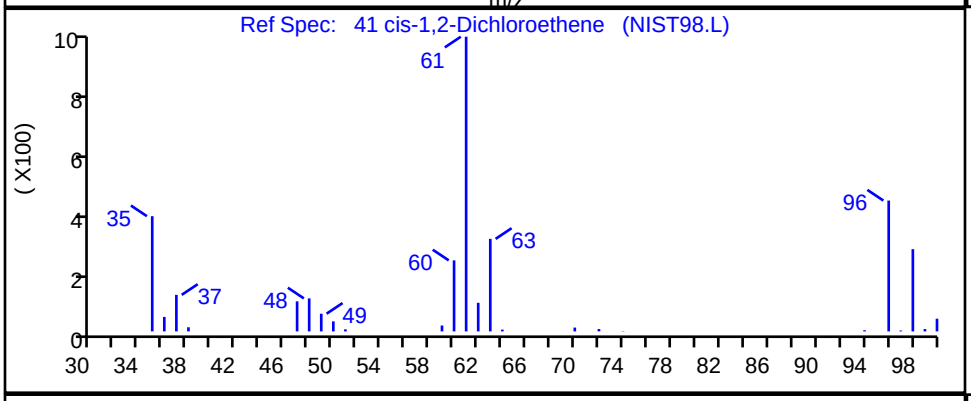
41 cis-1,2-Dichloroethene, CAS: 156-59-2

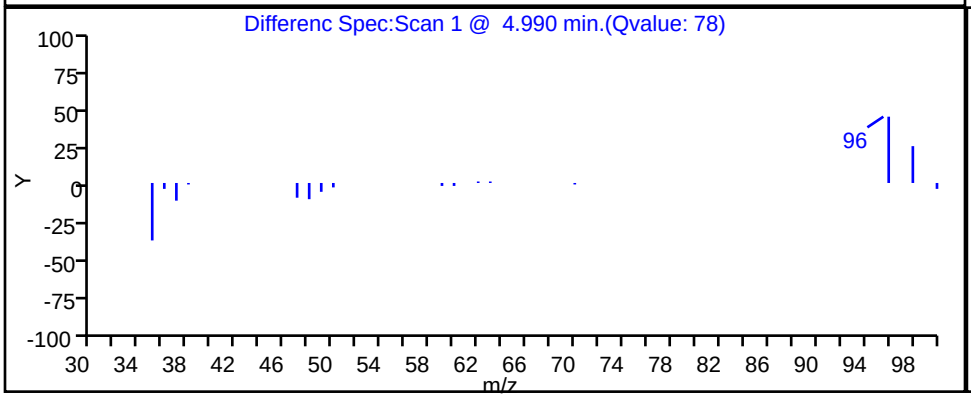


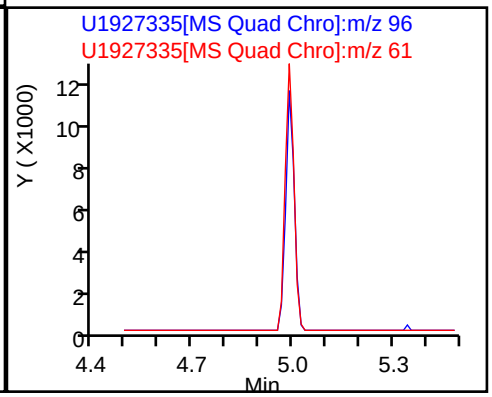












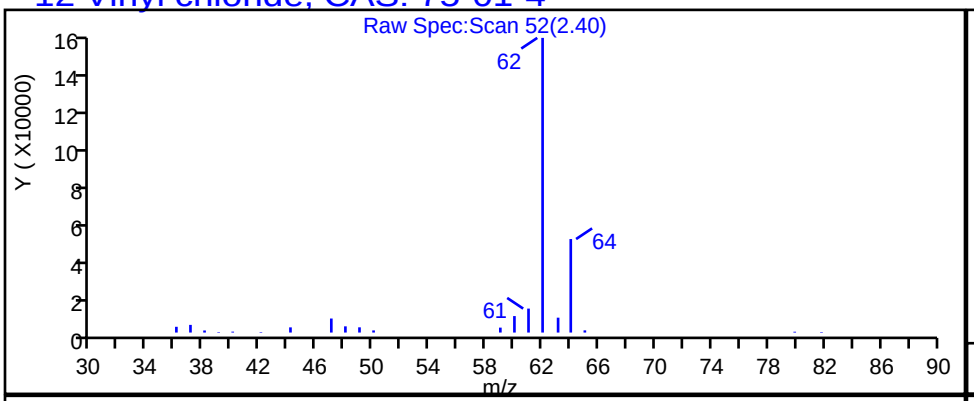
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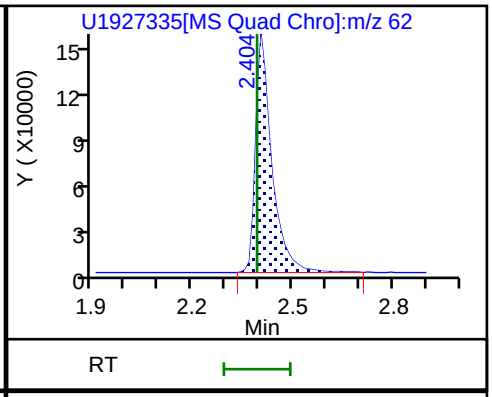
Eurofins Canton

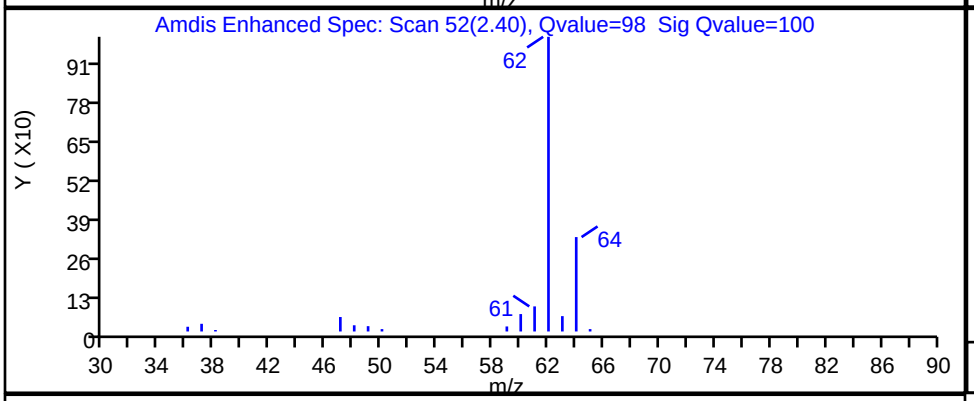
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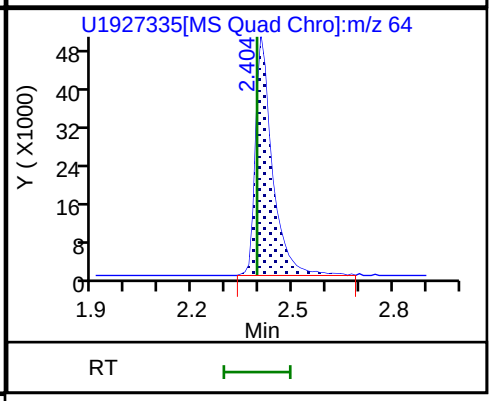
Injection Date:	06-May-2022 12:13:00	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-6	Lab Sample ID:	240-165834-6		
Client ID:	GW-042522-SS-006				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	4.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

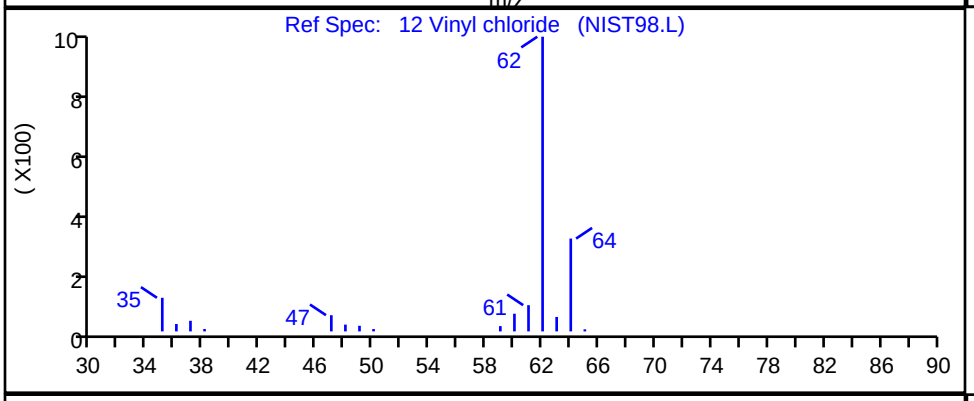
12 Vinyl chloride, CAS: 75-01-4

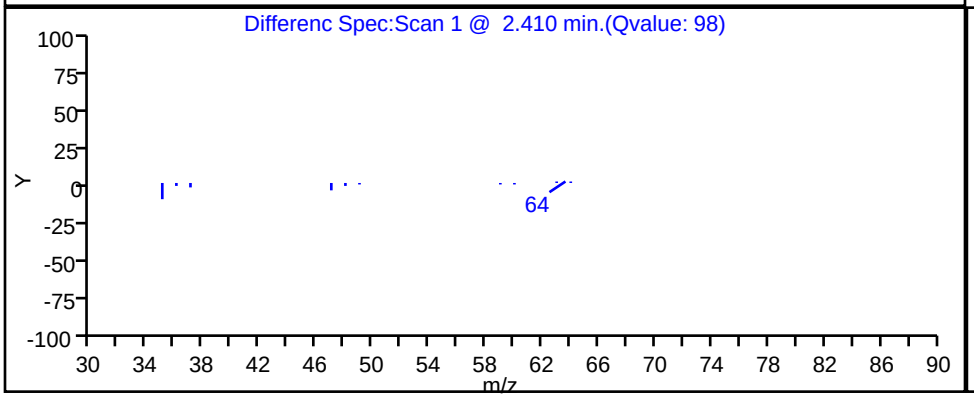


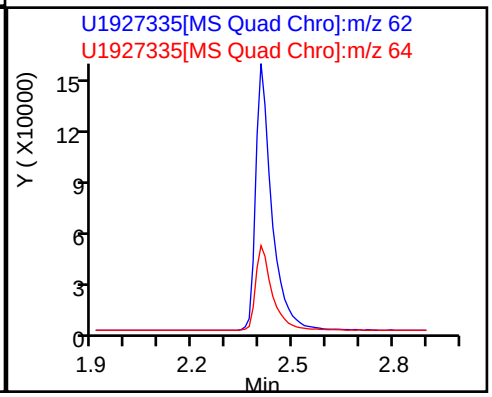












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-007 | Lab Sample ID: 240-165834-7

Matrix: Water | Lab File ID: U1927336.D

Analysis Method: 8260D | Date Collected: 04/26/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:35

Soil Aliquot Vol: | Dilution Factor: 80

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	80	U	80	38
79-34-5	1,1,2,2-Tetrachloroethane	80	U	80	48
79-00-5	1,1,2-Trichloroethane	80	U	80	38
75-34-3	1,1-Dichloroethane	80	U	80	38
75-35-4	1,1-Dichloroethene	80	U	80	39
107-06-2	1,2-Dichloroethane	80	U	80	17
78-87-5	1,2-Dichloropropane	80	U	80	38
591-78-6	2-Hexanone	800	U	800	89
67-64-1	Acetone	800	U	800	430
71-43-2	Benzene	80	U	80	34
75-25-2	Bromoform	80	U	80	61
74-83-9	Bromomethane	80	U	80	34
75-15-0	Carbon disulfide	80	U	80	47
56-23-5	Carbon tetrachloride	80	U	80	21
108-90-7	Chlorobenzene	80	U	80	30
75-00-3	Chloroethane	80	U	80	66
67-66-3	Chloroform	80	U	80	38
74-87-3	Chloromethane	80	U	80	50
156-59-2	cis-1,2-Dichloroethene	2100		80	37
10061-01-5	cis-1,3-Dichloropropene	80	U	80	49
75-27-4	Dichlorobromomethane	80	U	80	14
100-41-4	Ethylbenzene	80	U	80	34
78-93-3	2-Butanone (MEK)	800	U	800	93
108-10-1	4-Methyl-2-pentanone (MIBK)	800	U	800	79
75-09-2	Methylene Chloride	400	U	400	210
100-42-5	Styrene	80	U	80	36
127-18-4	Tetrachloroethene	80	U	80	35
108-88-3	Toluene	80	U	80	35
156-60-5	trans-1,2-Dichloroethene	80	U	80	41
10061-02-6	trans-1,3-Dichloropropene	80	U	80	54
79-01-6	Trichloroethene	80	U	80	35
75-01-4	Vinyl chloride	220		80	36
1330-20-7	Xylenes, Total	160	U	160	34
124-48-1	Chlorodibromomethane	80	U	80	31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-007 | Lab Sample ID: 240-165834-7

Matrix: Water | Lab File ID: U1927336.D

Analysis Method: 8260D | Date Collected: 04/26/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:35

Soil Aliquot Vol: | Dilution Factor: 80

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927336.D
Lims ID: 240-165834-C-7
Client ID: GW-042622-SS-007
Sample Type: Client
Inject. Date: 06-May-2022 12:35:20 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 80.0000
Sample Info: 240-0118300-011
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 13:26:23 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 13:26:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	798070	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	573881	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	270684	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	213645	18.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	257521	19.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	714296	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	234940	18.3	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	38831	2.76	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43	3.566	3.566	0.000	100	13208	0.5664	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	92	5444	0.3789	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	U
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	323877	26.5	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

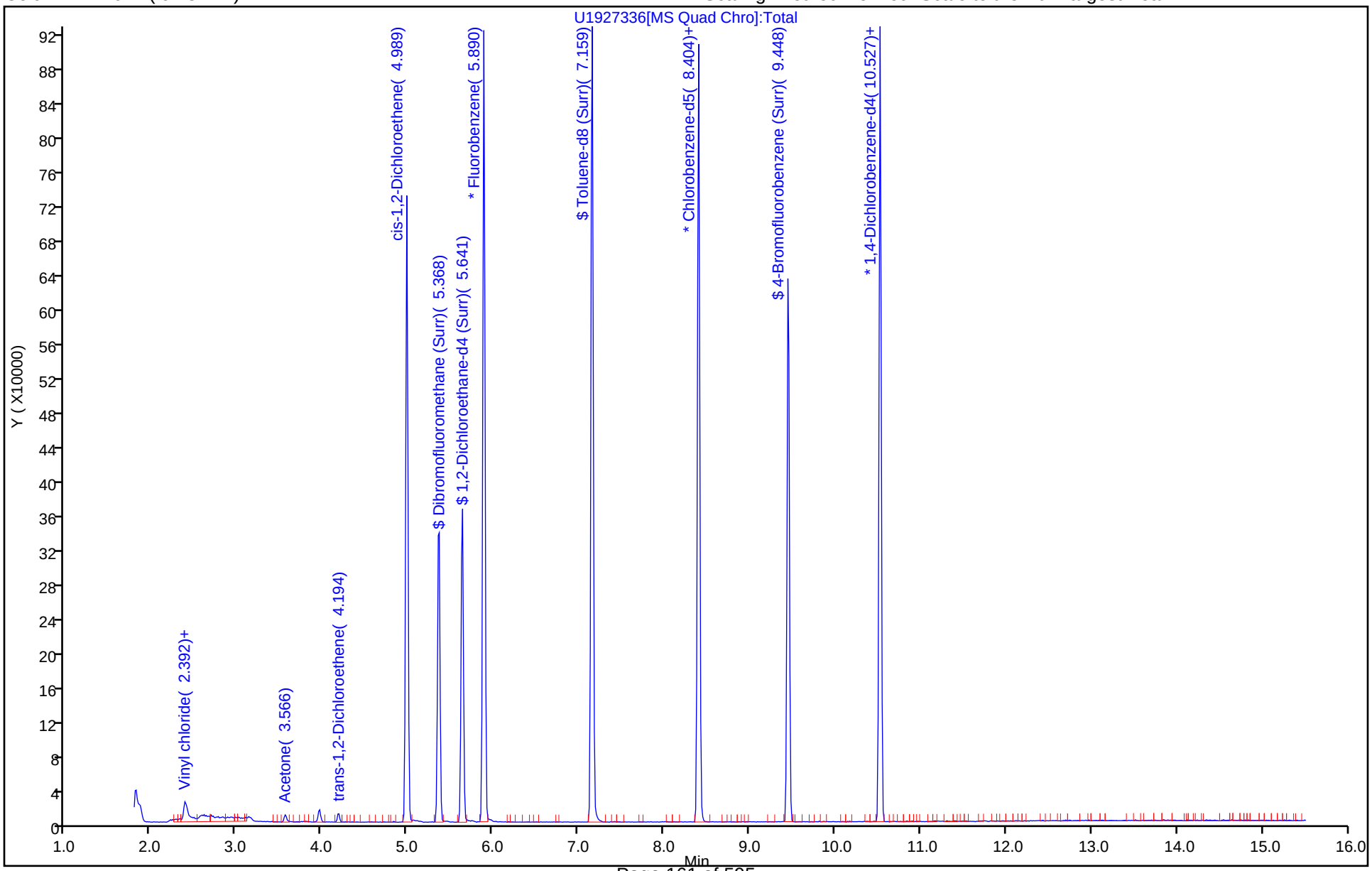
Report Date: 06-May-2022 13:26:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927336.D

Injection Date:	06-May-2022 12:35:20	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-C-7	Lab Sample ID:	240-165834-7	Worklist Smp#:	11
Client ID:	GW-042622-SS-007				
Purge Vol:	5.000 mL	Dil. Factor:	80.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927336.D				
Lims ID:	240-165834-C-7				
Client ID:	GW-042622-SS-007				
Sample Type:	Client				
Inject. Date:	06-May-2022 12:35:20	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	80.0000		
Sample Info:	240-0118300-011				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 13:26:23	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 13:26:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.3	7319.95
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.6	7849.94
$ 6 Toluene-d8 (Surr)	20.0	20.5	8187.90
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.3	7326.56

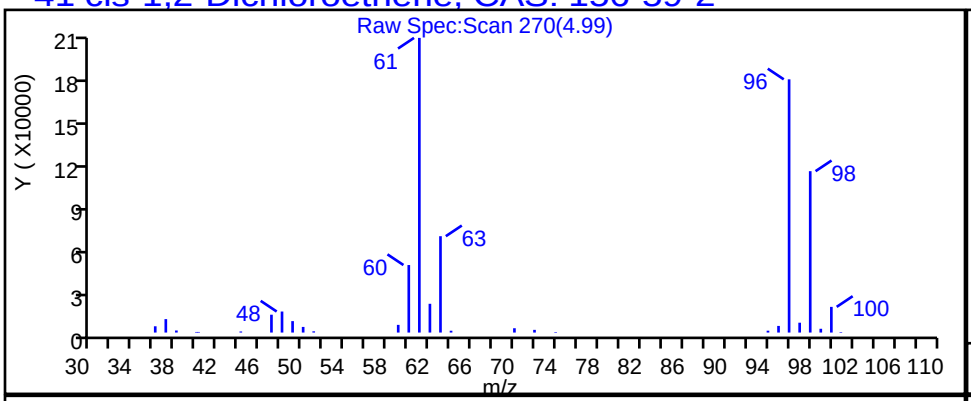
Report Date: 06-May-2022 13:26:24 Chrom Revision: 2.3 12-Apr-2022 20:29:44

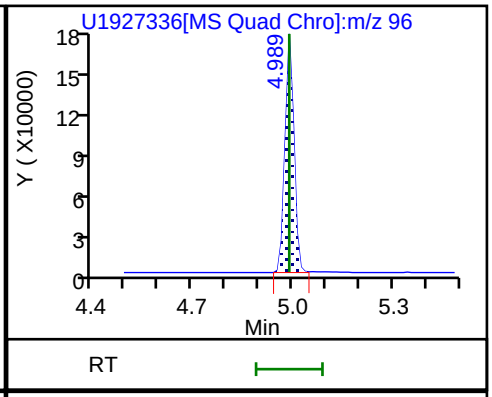
Eurofins Canton

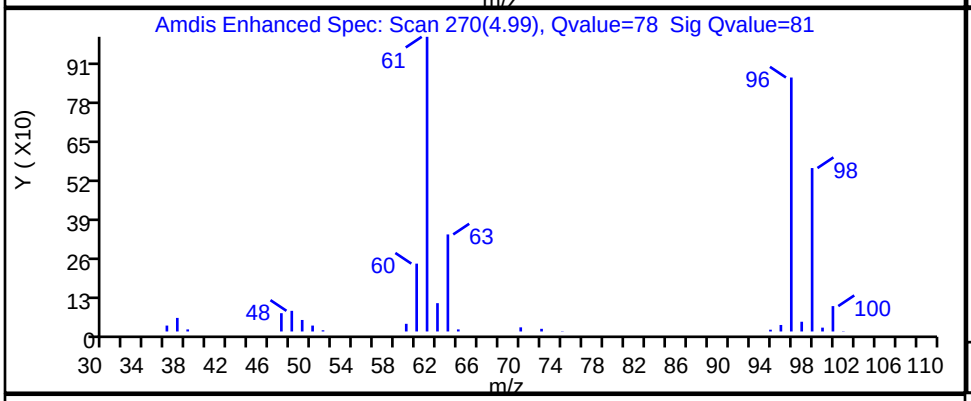
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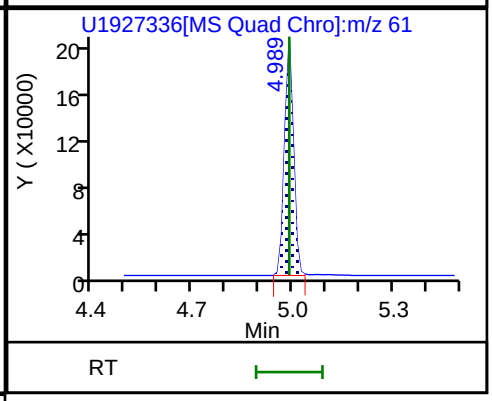
Injection Date:	06-May-2022 12:35:20	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-7	Lab Sample ID:	240-165834-7		
Client ID:	GW-042622-SS-007				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	80.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

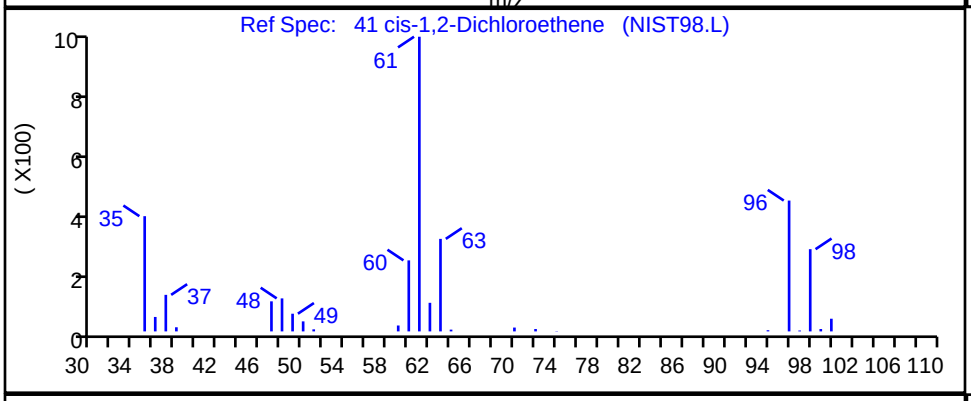
41 cis-1,2-Dichloroethene, CAS: 156-59-2

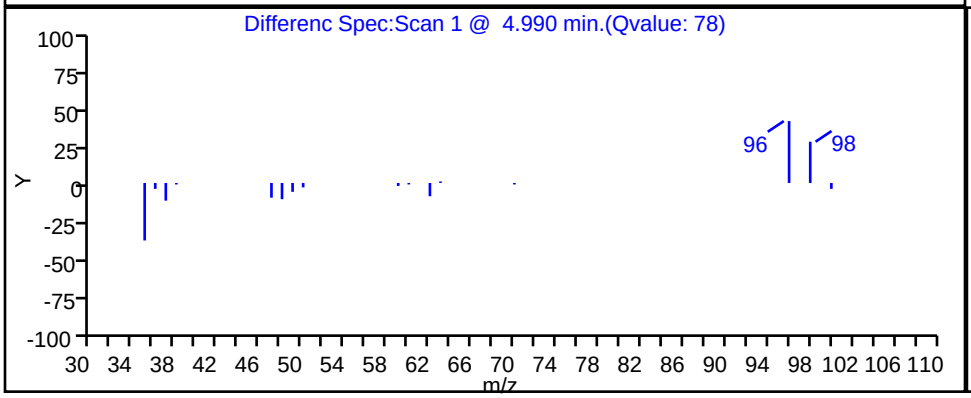


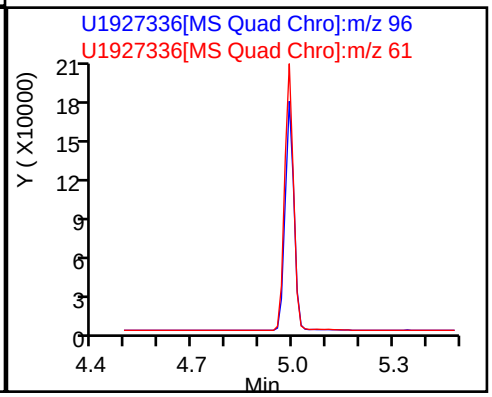












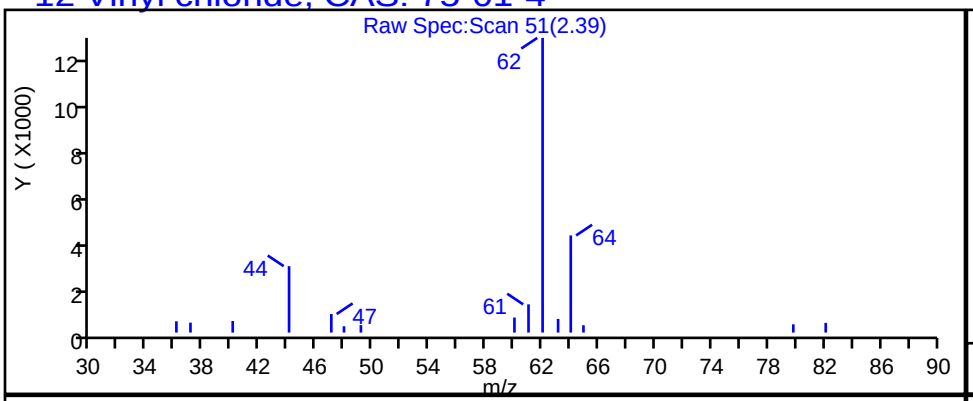
Report Date: 06-May-2022 13:26:24 Chrom Revision: 2.3 12-Apr-2022 20:29:44

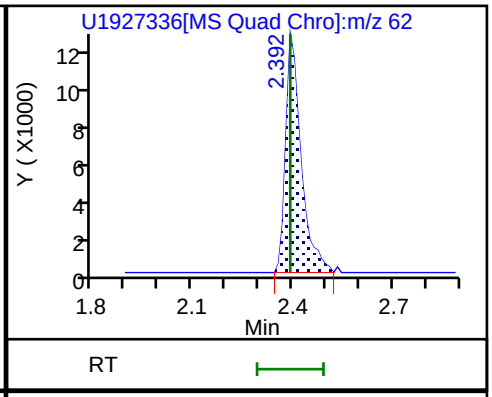
Eurofins Canton

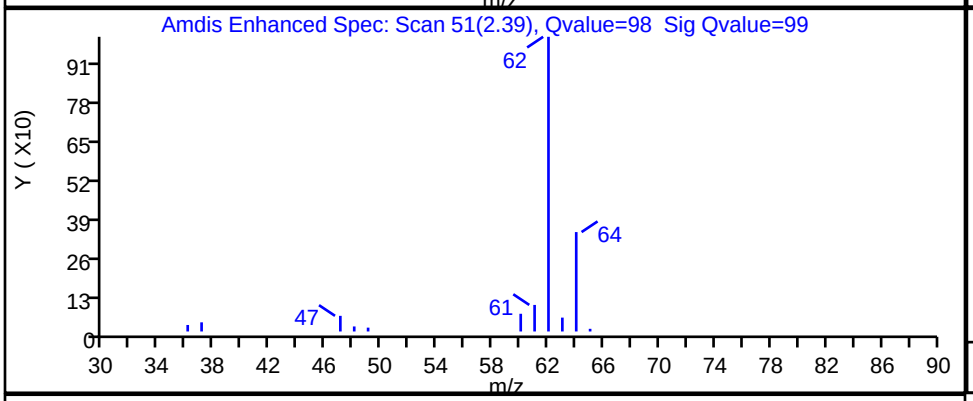
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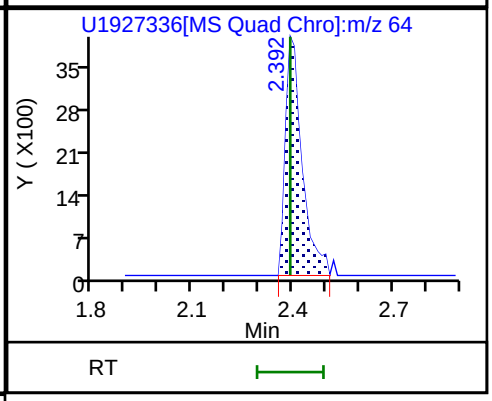
Injection Date:	06-May-2022 12:35:20	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-7	Lab Sample ID:	240-165834-7		
Client ID:	GW-042622-SS-007				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	80.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

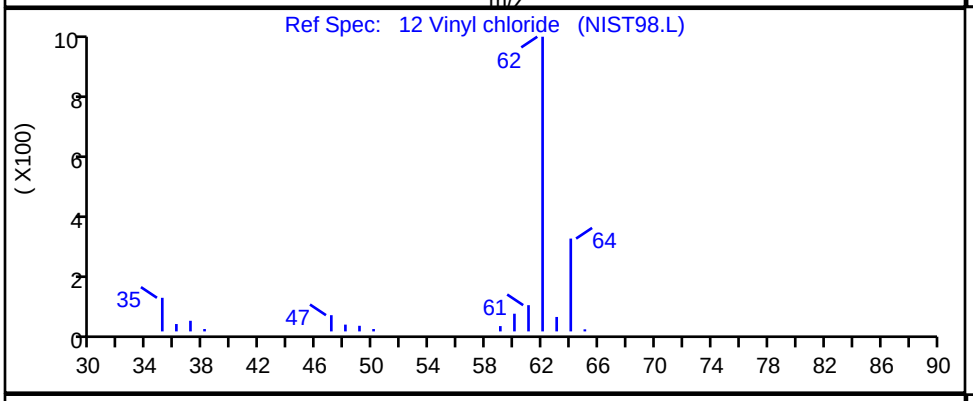
12 Vinyl chloride, CAS: 75-01-4

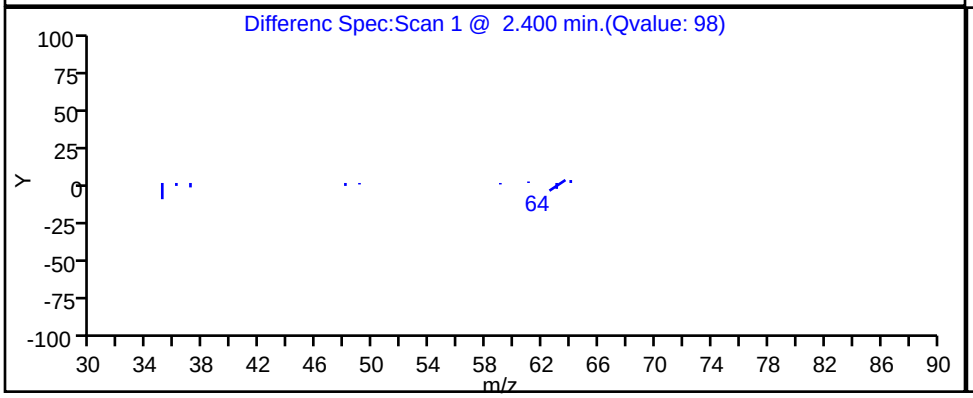


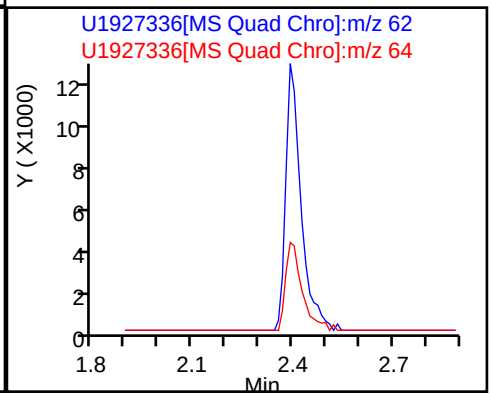












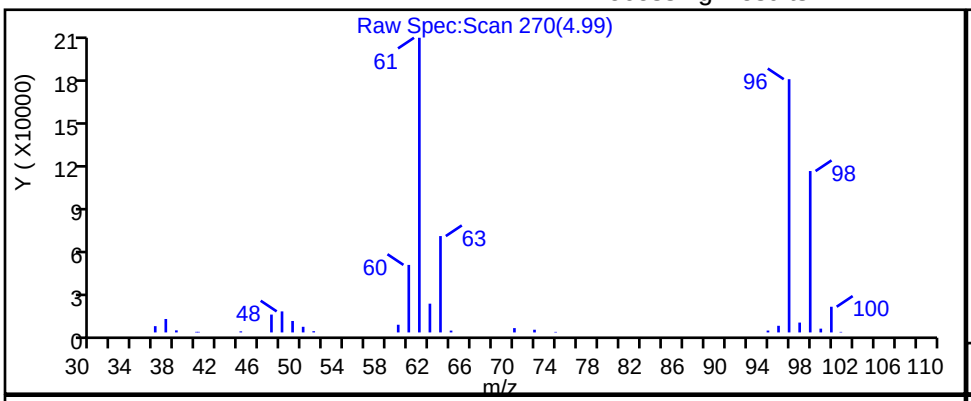
User Disabled Compound Report

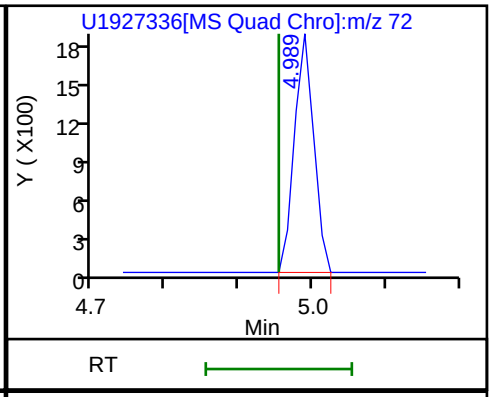
Eurofins Canton

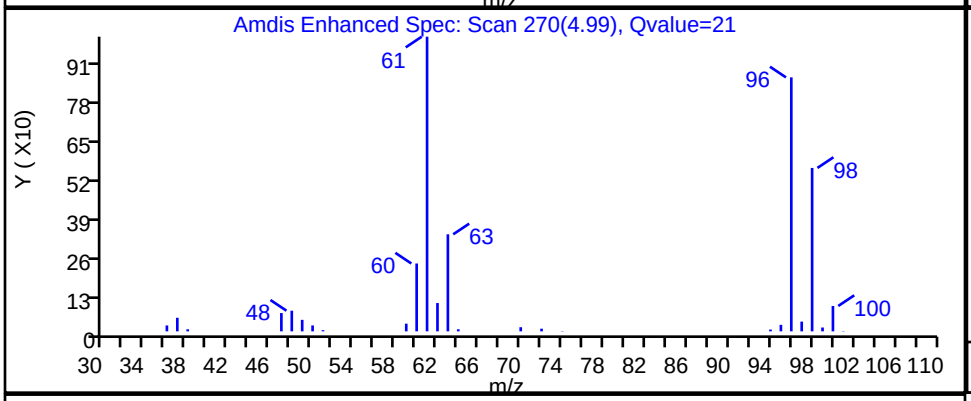
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927336.D				
Injection Date:	06-May-2022 12:35:20	Instrument ID:	A3UX19		
Lims ID:	240-165834-C-7	Lab Sample ID:	240-165834-7		
Client ID:	GW-042622-SS-007				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	80.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

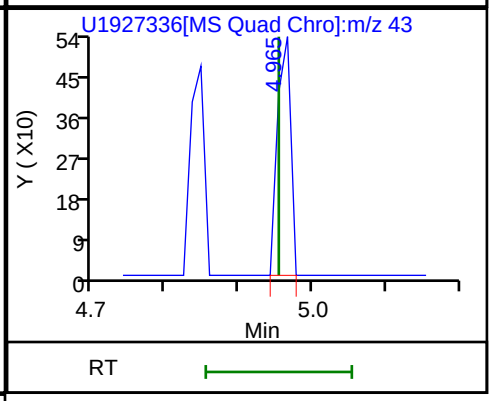
40 2-Butanone (MEK), CAS: 78-93-3

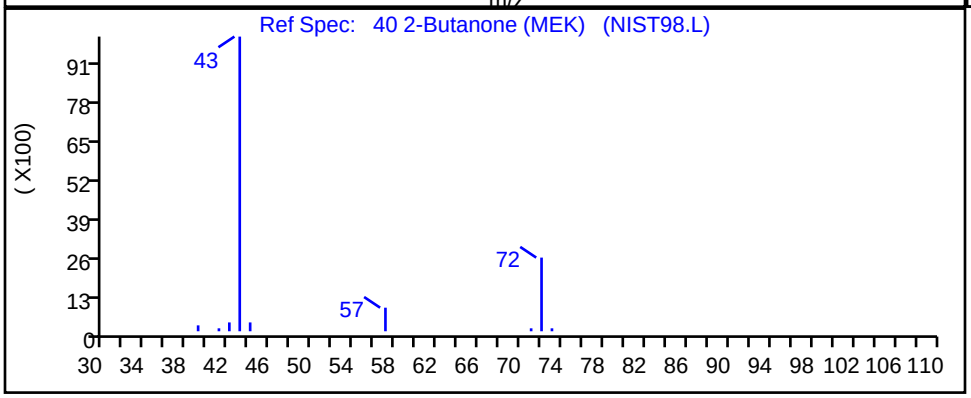
Processing Results











RT	Mass	Response	Amount
4.99	72.00	3461	1.732435
4.97	43.00	672	

Reviewer: laveyt, 06-May-2022 13:26:15

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-008 | Lab Sample ID: 240-165834-8

Matrix: Water | Lab File ID: U1927319.D

Analysis Method: 8260D | Date Collected: 04/26/2022 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 17:28

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	100	U	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	3200		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	150		100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	100	U	100	44
75-01-4	Vinyl chloride	52	J	100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-008 | Lab Sample ID: 240-165834-8

Matrix: Water | Lab File ID: U1927319.D

Analysis Method: 8260D | Date Collected: 04/26/2022 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 17:28

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927319.D
Lims ID: 240-165834-B-8
Client ID: GW-042622-SS-008
Sample Type: Client
Inject. Date: 05-May-2022 17:28:44 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-024
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:21:45

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	790711	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	573183	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	275195	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	92	218246	18.9	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	260344	20.0	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	712495	20.4	
$	7 4-Bromofluorobenzene (Surr)	95	9.447	9.448	-0.001	91	240260	18.8	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.392	2.392	0.000	93	7275	0.5213	
	13 Bromomethane	94		2.759				ND	7
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61	3.554	3.542	0.012	62	2686	0.1829	
	22 Acetone	43		3.566				ND	7
	25 Carbon disulfide	76		3.767				ND	
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61	4.194	4.183	0.011	95	21287	1.50	
	35 1,1-Dichloroethane	63		4.538				ND	7
	40 2-Butanone (MEK)	72		4.965				ND	U
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	384827	31.8	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.523				ND	
	54 Benzene	78		5.677				ND	
	55 1,2-Dichloroethane	62		5.700				ND	
	59 Trichloroethene	130		6.175				ND	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.578				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

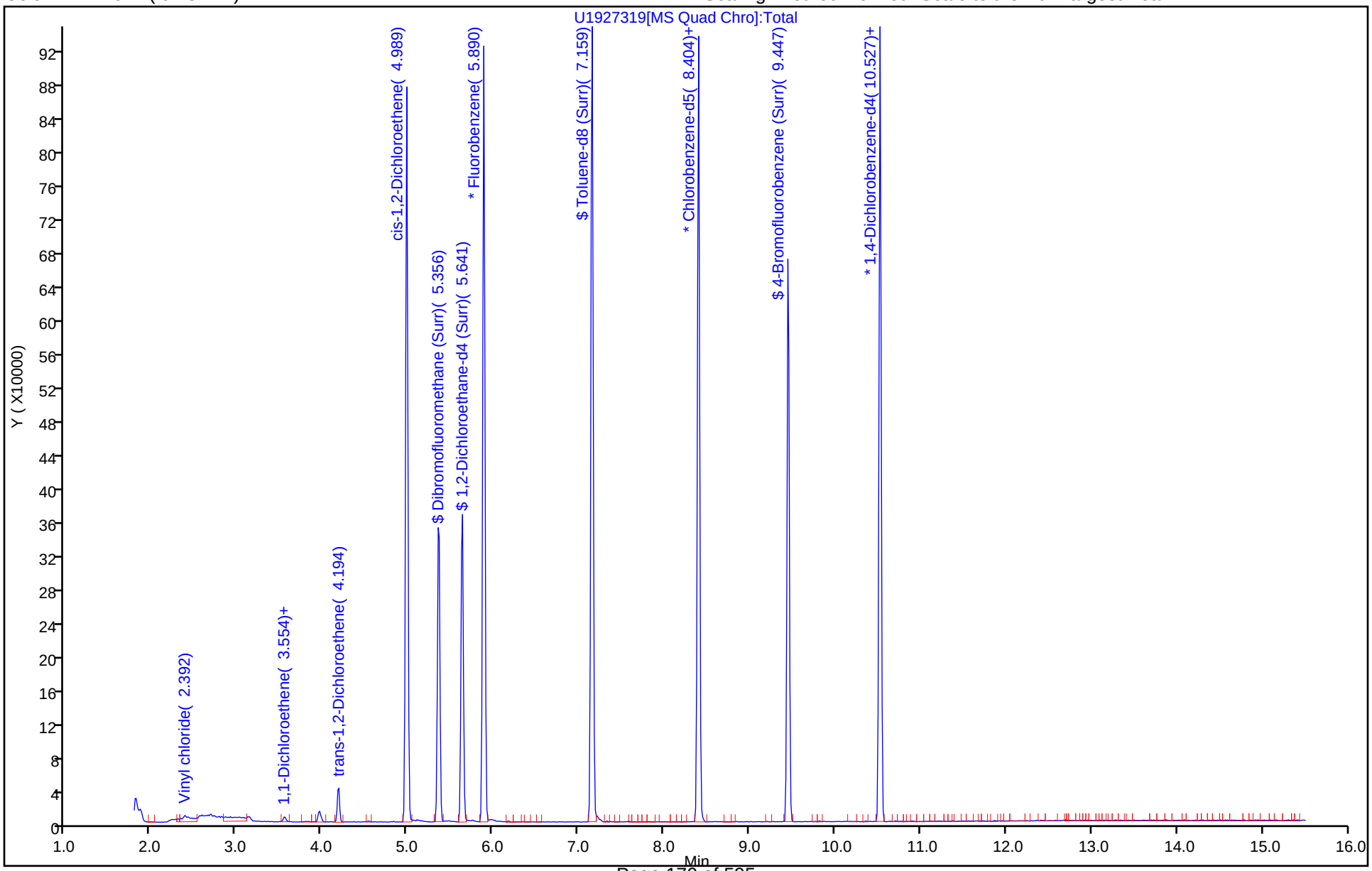
Report Date: 06-May-2022 08:21:45 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927319.D

Injection Date:	05-May-2022 17:28:44	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-8	Lab Sample ID:	240-165834-8	Worklist Smp#:	24
Client ID:	GW-042622-SS-008				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927319.D
Lims ID: 240-165834-B-8
Client ID: GW-042622-SS-008
Sample Type: Client
Inject. Date: 05-May-2022 17:28:44 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-024
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:21:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.9	9433.97
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	10012.32
$ 6 Toluene-d8 (Surr)	20.0	20.4	10221.50
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.8	9376.98

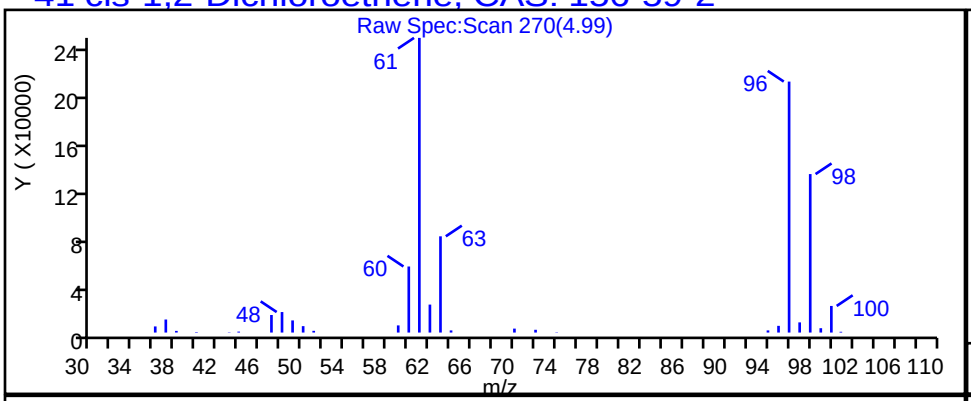
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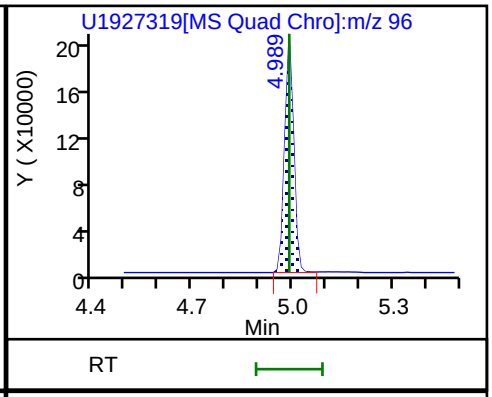
Eurofins Canton

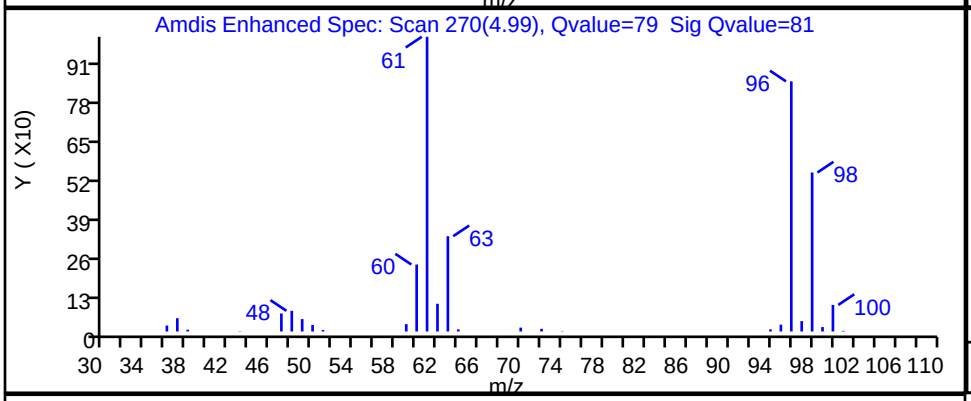
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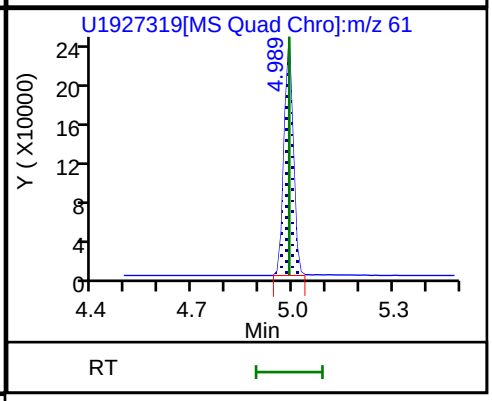
Injection Date:	05-May-2022 17:28:44	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-8	Lab Sample ID:	240-165834-8		
Client ID:	GW-042622-SS-008				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

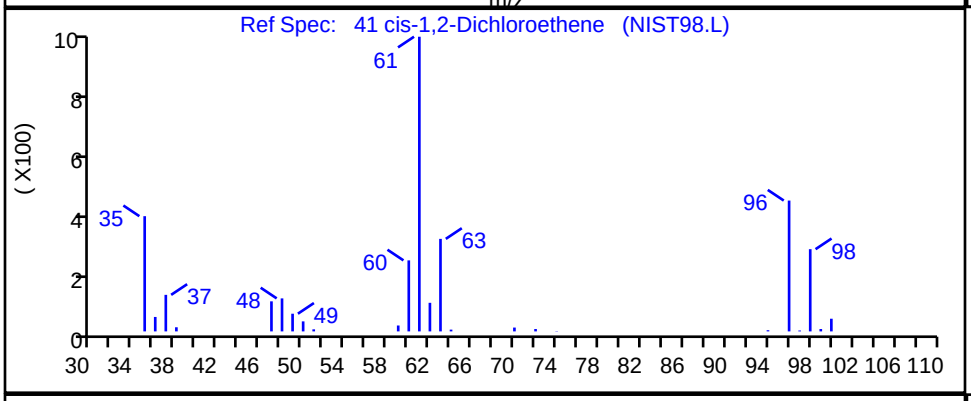
41 cis-1,2-Dichloroethene, CAS: 156-59-2

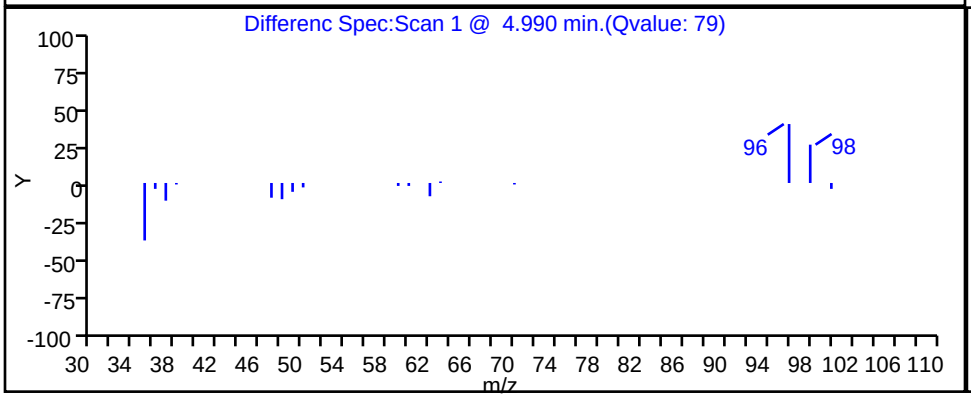


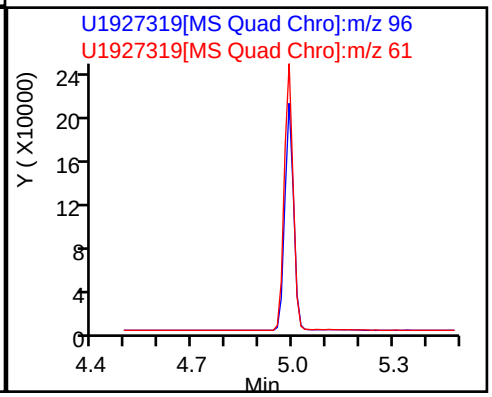












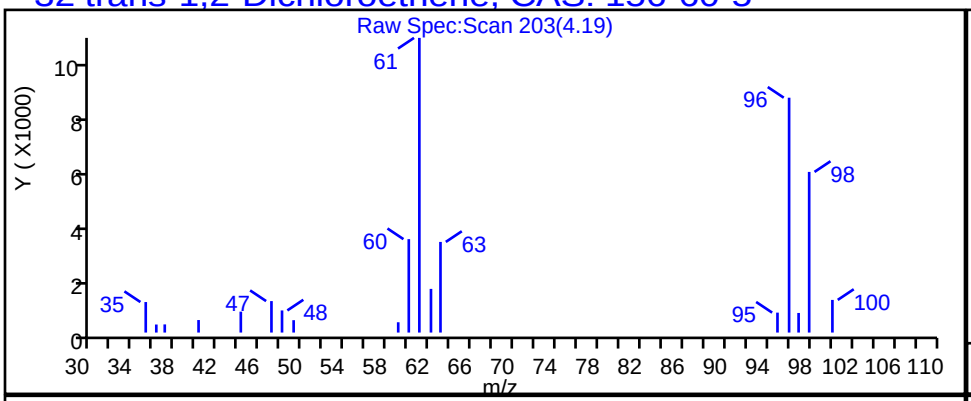
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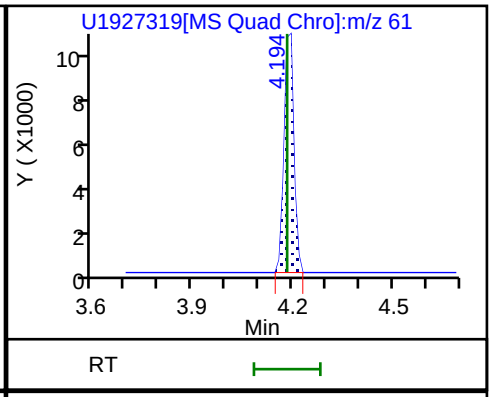
Eurofins Canton

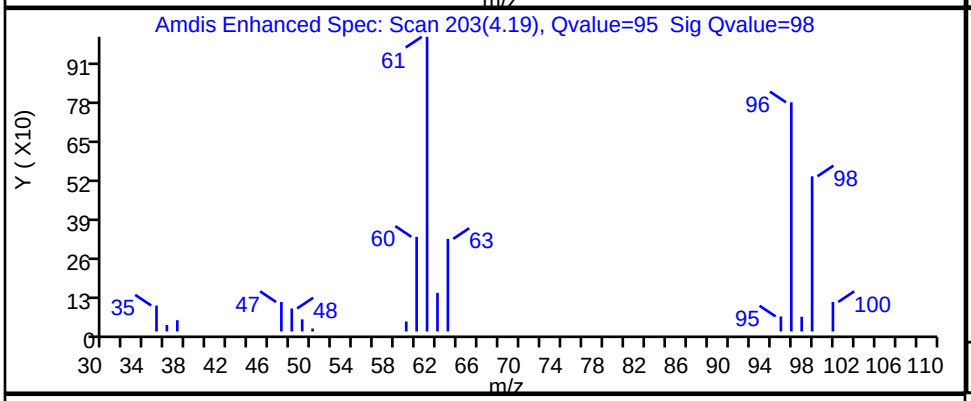
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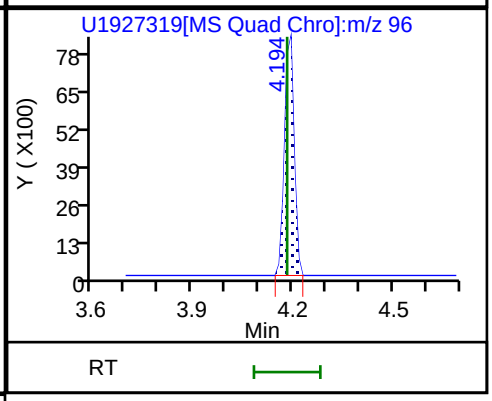
Injection Date:	05-May-2022 17:28:44	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-8	Lab Sample ID:	240-165834-8		
Client ID:	GW-042622-SS-008				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

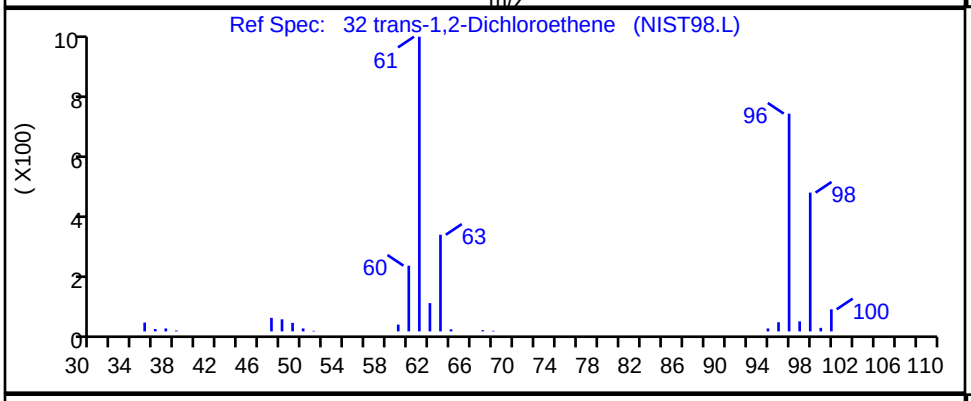
32 trans-1,2-Dichloroethene, CAS: 156-60-5

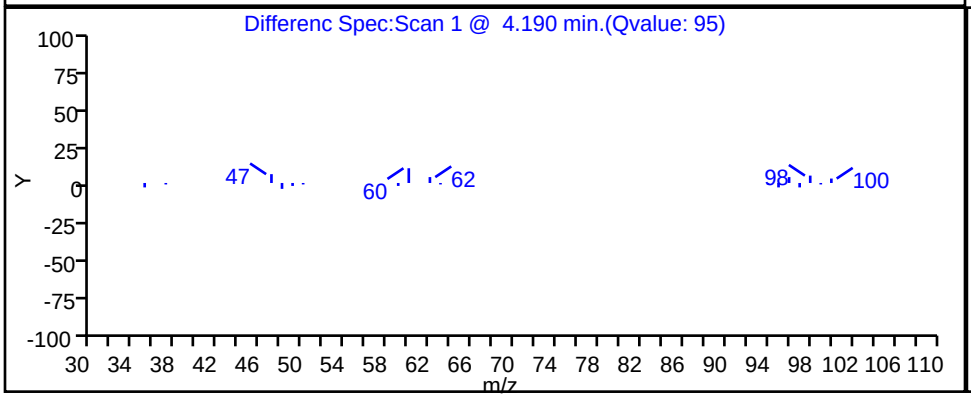


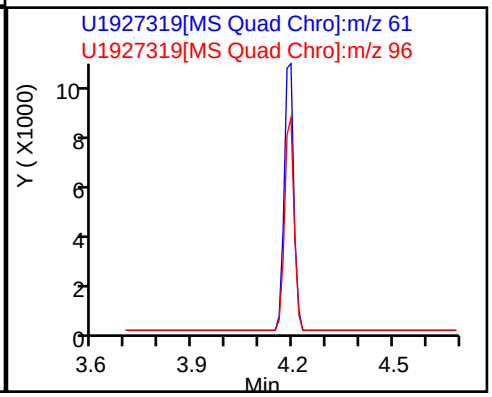












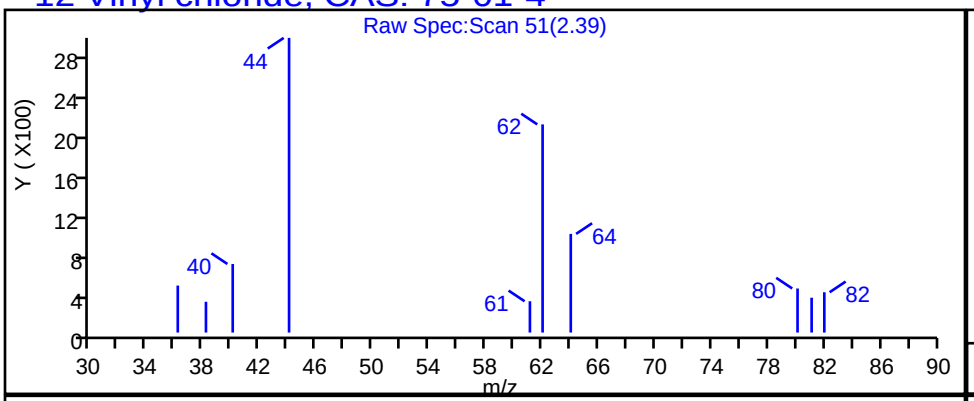
Report Date: 06-May-2022 08:21:45 Chrom Revision: 2.3 12-Apr-2022 20:29:44

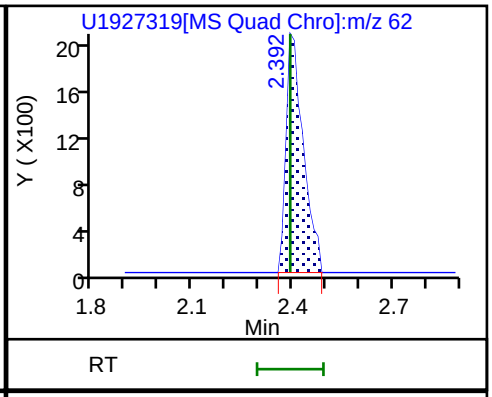
Eurofins Canton

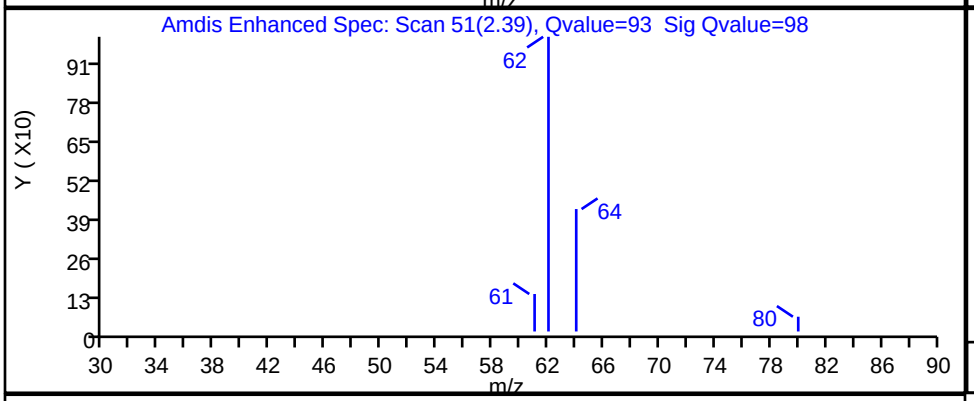
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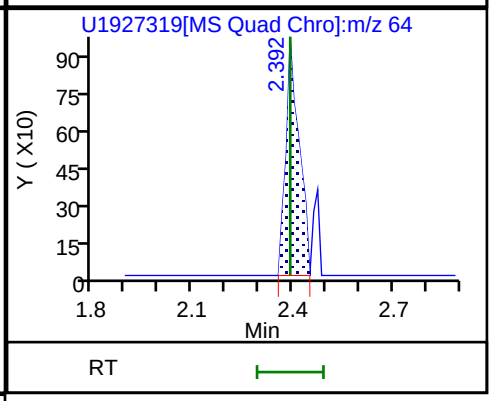
Injection Date:	05-May-2022 17:28:44	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-8	Lab Sample ID:	240-165834-8		
Client ID:	GW-042622-SS-008				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

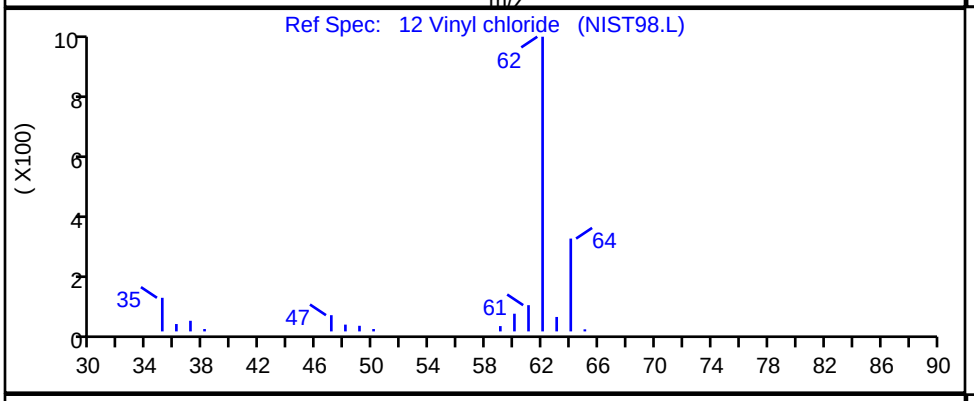
12 Vinyl chloride, CAS: 75-01-4

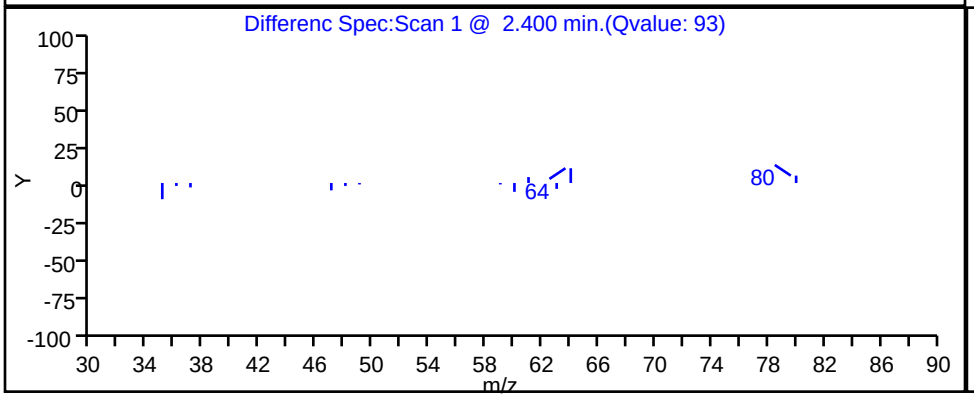


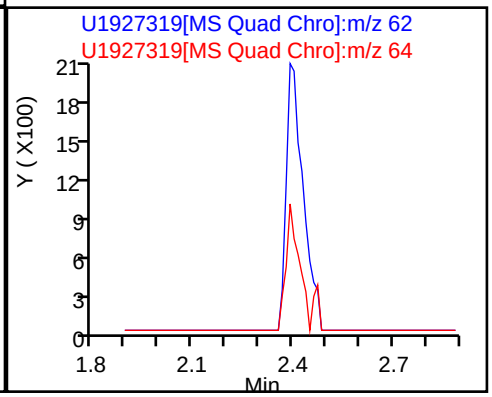












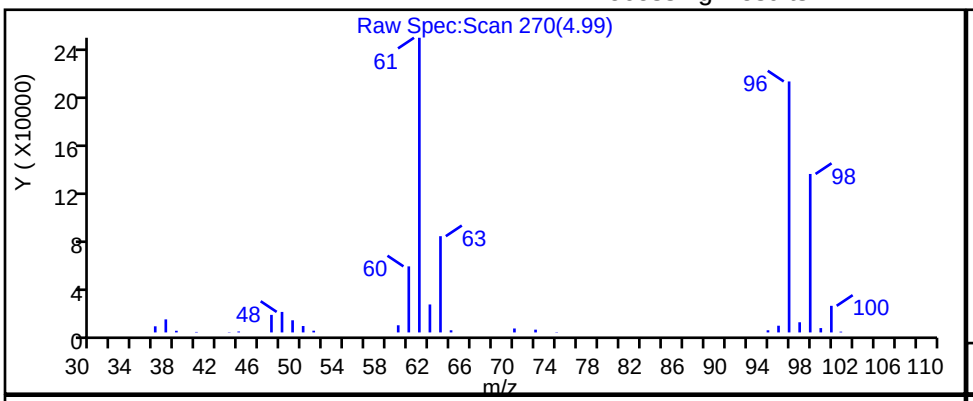
User Disabled Compound Report

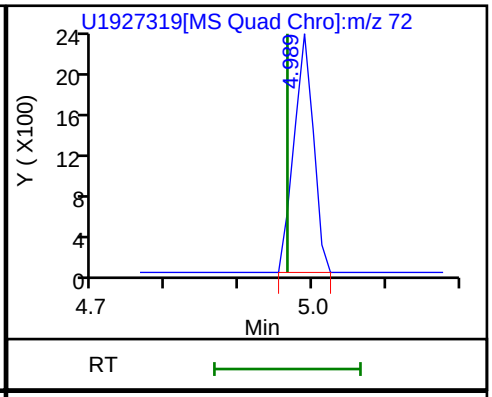
Eurofins Canton

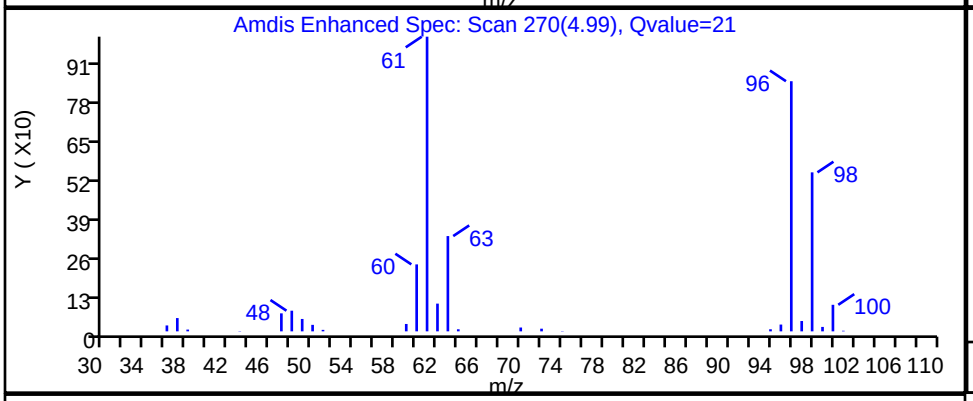
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927319.D				
Injection Date:	05-May-2022 17:28:44	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-8	Lab Sample ID:	240-165834-8		
Client ID:	GW-042622-SS-008				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

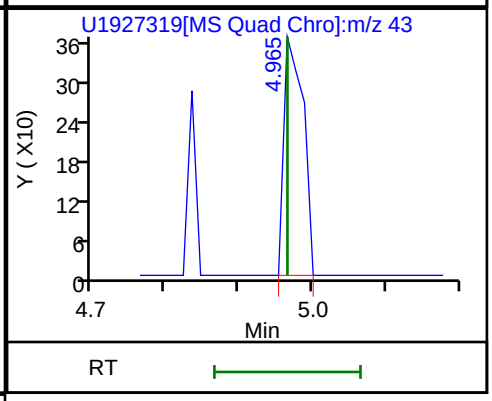
40 2-Butanone (MEK), CAS: 78-93-3

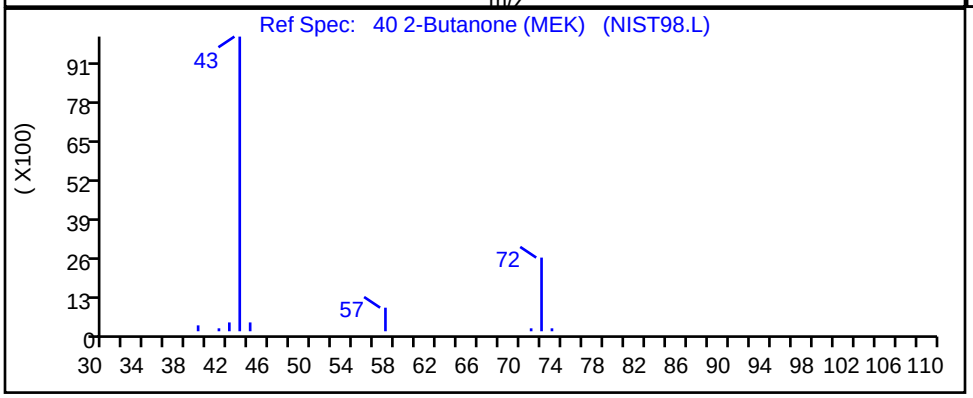
Processing Results











RT	Mass	Response	Amount
4.99	72.00	4284	2.164353
4.96	43.00	665	

Reviewer: laveyt, 06-May-2022 08:21:38

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 | Lab Sample ID: 240-165834-9

Matrix: Water | Lab File ID: U1927320.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 17:51

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	100	U	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	2900		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	100	U	100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	100	U	100	44
75-01-4	Vinyl chloride	160		100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 | Lab Sample ID: 240-165834-9

Matrix: Water | Lab File ID: U1927320.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 17:51

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927320.D
Lims ID: 240-165834-B-9
Client ID: GW-042622-SS-009
Sample Type: Client
Inject. Date: 05-May-2022 17:51:04 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-025
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	789086	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	559507	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	269907	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	92	214377	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	97	264412	20.4	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	691628	20.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	233641	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	22350	1.60	
13 Bromomethane	94		2.759				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.530	3.542	-0.012	1	1607	0.1097	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49	3.957	3.957	0.000	90	9711	0.1145	
32 trans-1,2-Dichloroethene	61	4.182	4.183	-0.001	89	3958	0.2786	
35 1,1-Dichloroethane	63		4.538				ND	7
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	349784	28.9	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

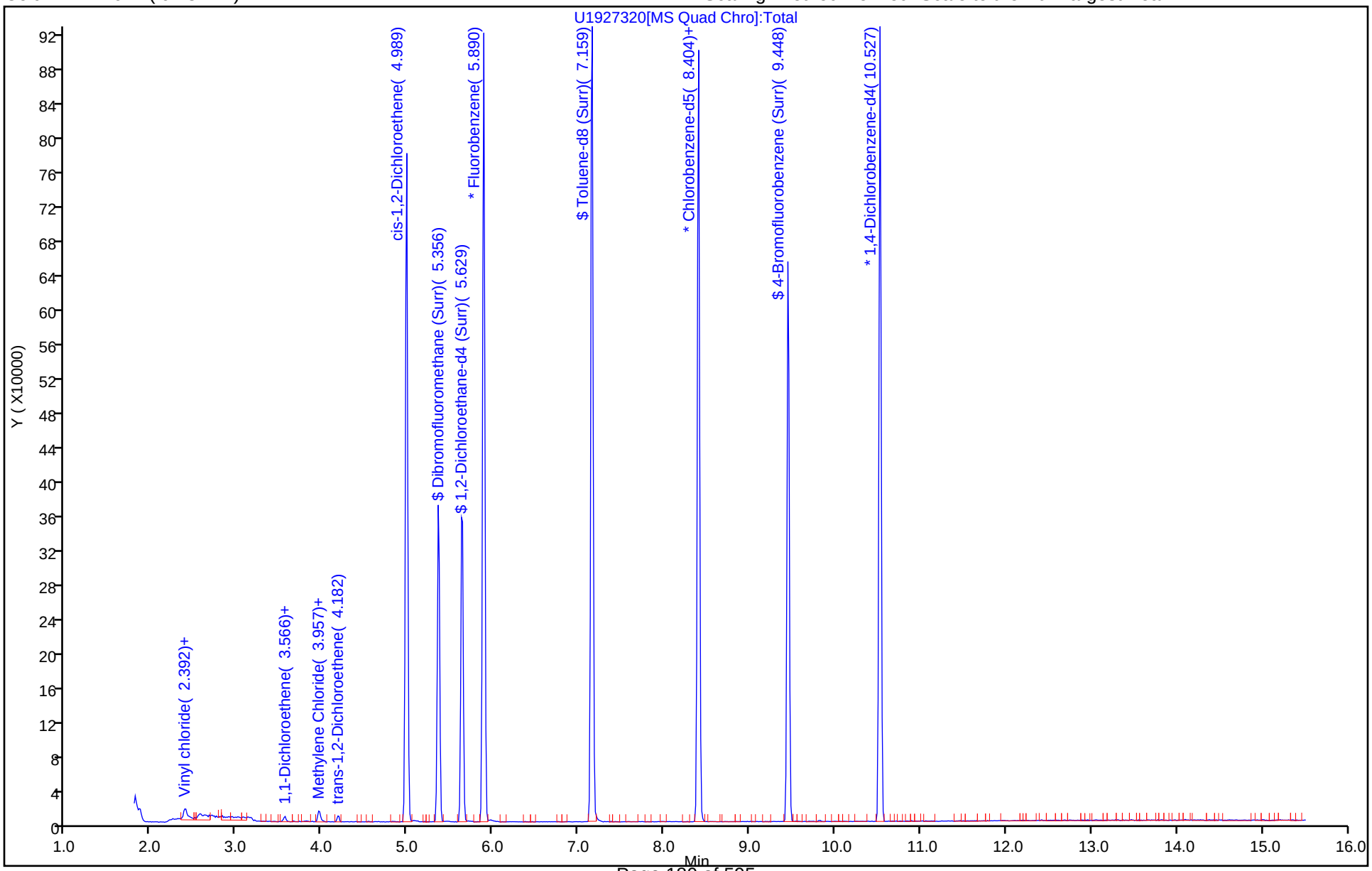
Report Date: 06-May-2022 08:22:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927320.D

Injection Date:	05-May-2022 17:51:04	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-9	Lab Sample ID:	240-165834-9	Worklist Smp#:	25
Client ID:	GW-042622-SS-009				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927320.D				
Lims ID:	240-165834-B-9				
Client ID:	GW-042622-SS-009				
Sample Type:	Client				
Inject. Date:	05-May-2022 17:51:04	ALS Bottle#:	0	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Sample Info:	240-0118262-025				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 08:21:45	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 08:22:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	9285.81
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.4	10189.70
$ 6 Toluene-d8 (Surr)	20.0	20.3	10164.67
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	9341.54

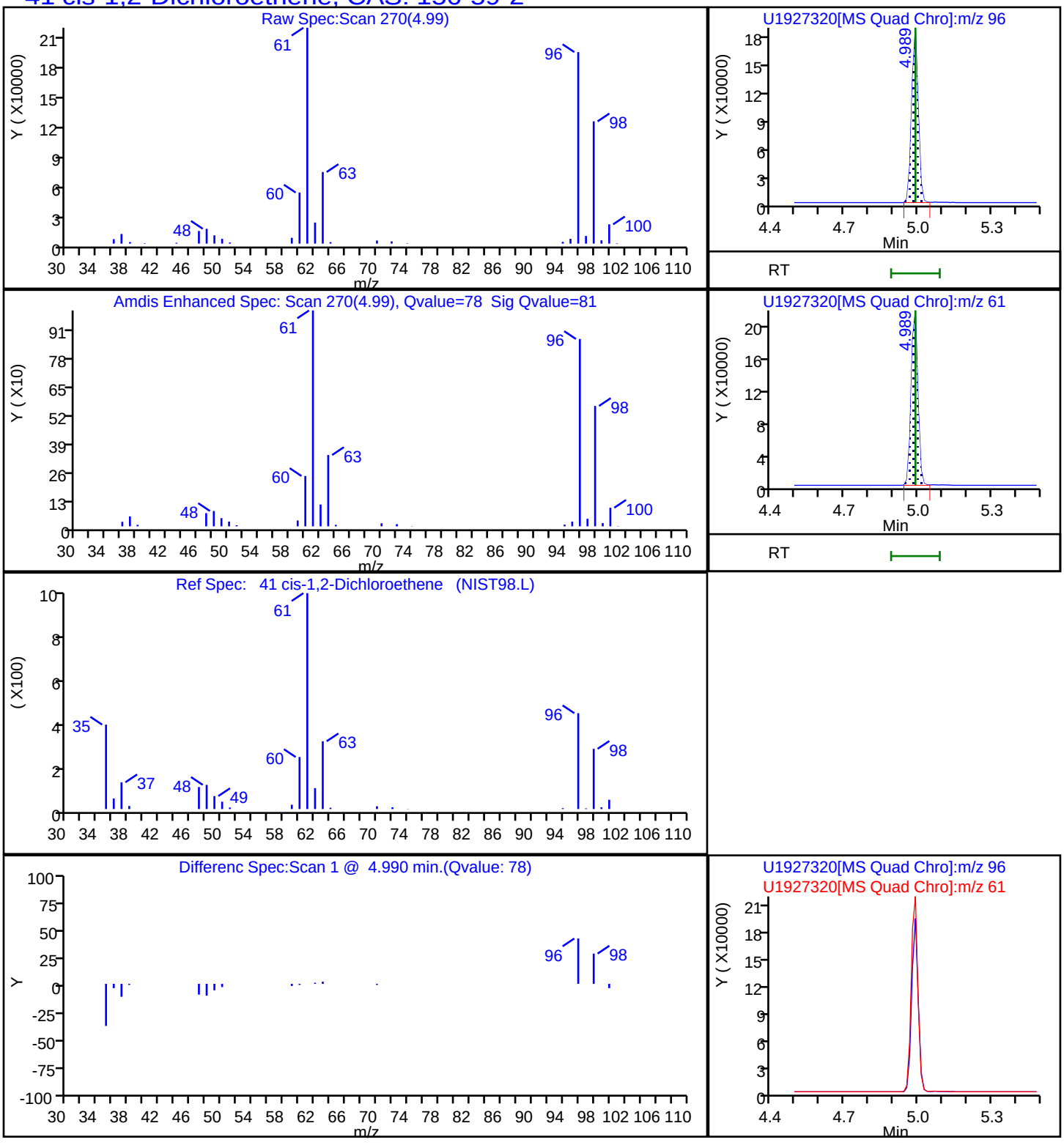
Report Date: 06-May-2022 08:22:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927320.D

Injection Date:	05-May-2022 17:51:04	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-9	Lab Sample ID:	240-165834-9		
Client ID:	GW-042622-SS-009				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



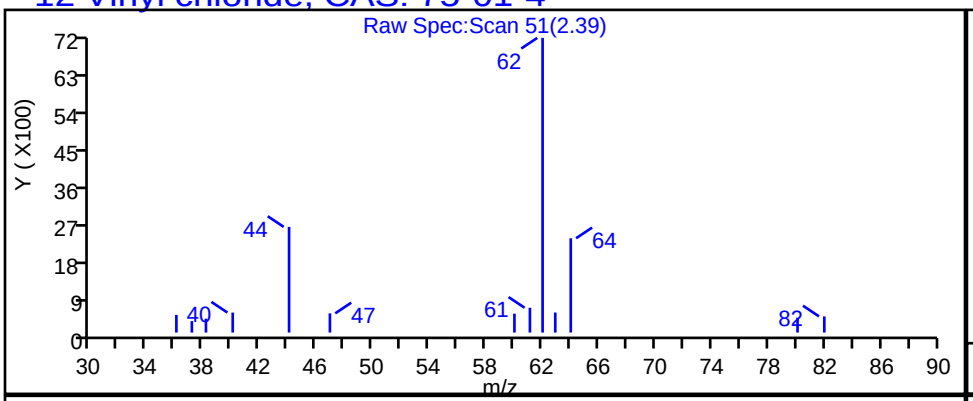
Report Date: 06-May-2022 08:22:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

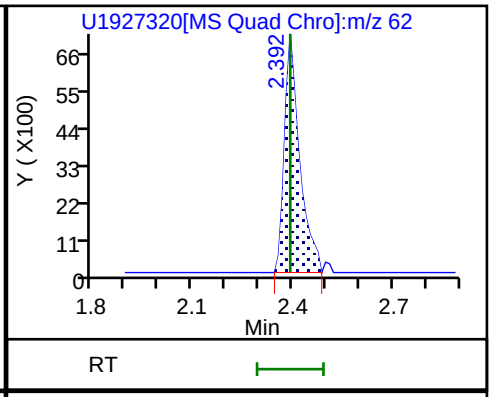
Eurofins Canton

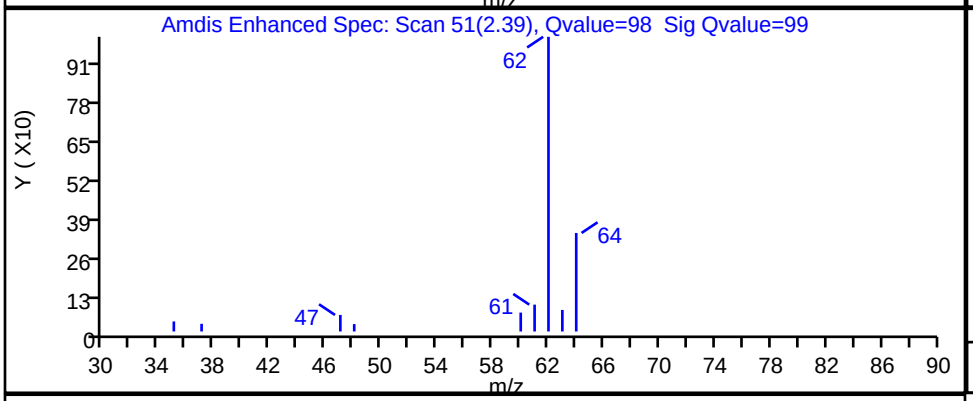
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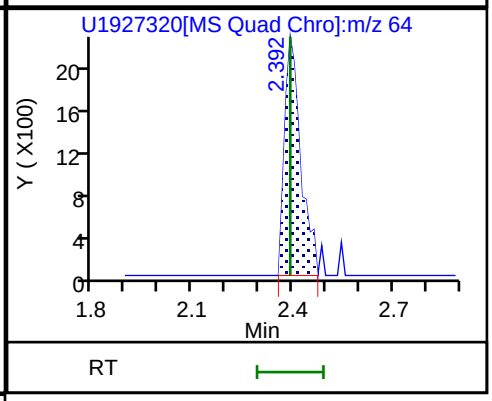
Injection Date:	05-May-2022 17:51:04	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-9	Lab Sample ID:	240-165834-9		
Client ID:	GW-042622-SS-009				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

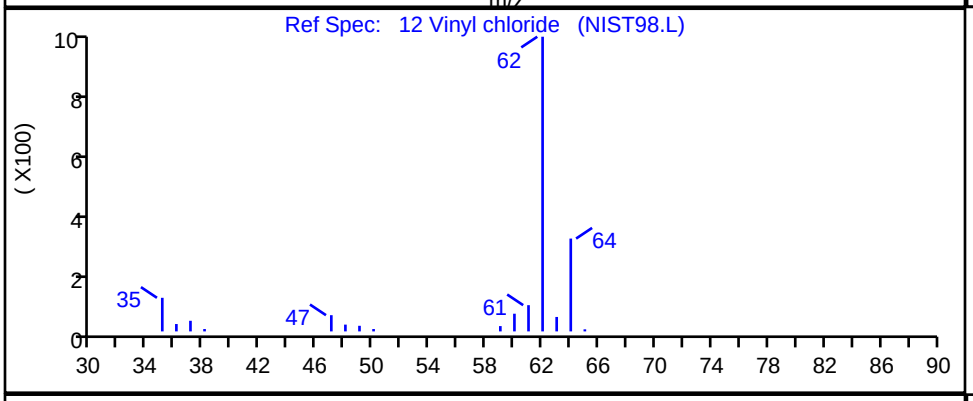
12 Vinyl chloride, CAS: 75-01-4

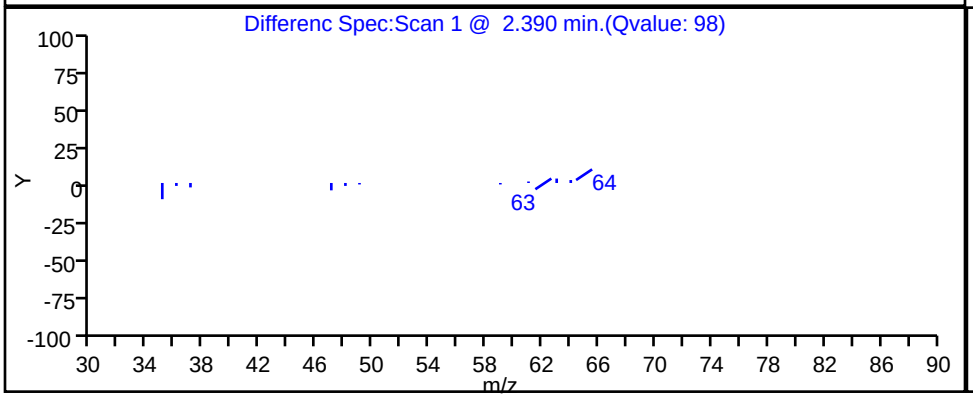


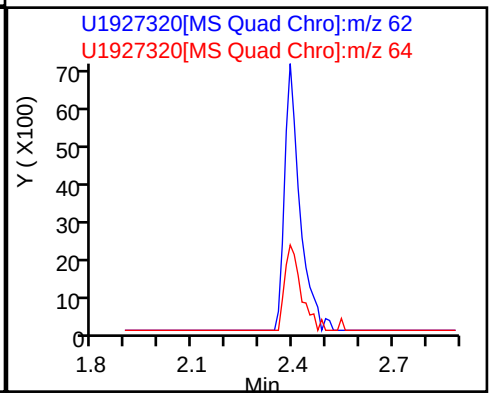












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-010 | Lab Sample ID: 240-165834-10

Matrix: Water | Lab File ID: U1927321.D

Analysis Method: 8260D | Date Collected: 04/26/2022 15:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:13

Soil Aliquot Vol: | Dilution Factor: 200

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	200	U	200	96
79-34-5	1,1,2,2-Tetrachloroethane	200	U	200	120
79-00-5	1,1,2-Trichloroethane	200	U	200	96
75-34-3	1,1-Dichloroethane	97	J	200	94
75-35-4	1,1-Dichloroethene	200	U	200	98
107-06-2	1,2-Dichloroethane	200	U	200	42
78-87-5	1,2-Dichloropropane	200	U	200	94
591-78-6	2-Hexanone	2000	U	2000	220
67-64-1	Acetone	2000	U	2000	1100
71-43-2	Benzene	200	U	200	84
75-25-2	Bromoform	200	U	200	150
74-83-9	Bromomethane	200	U	200	84
75-15-0	Carbon disulfide	200	U	200	120
56-23-5	Carbon tetrachloride	200	U	200	52
108-90-7	Chlorobenzene	200	U	200	76
75-00-3	Chloroethane	200	U	200	170
67-66-3	Chloroform	200	U	200	94
74-87-3	Chloromethane	200	U	200	130
156-59-2	cis-1,2-Dichloroethene	4500		200	92
10061-01-5	cis-1,3-Dichloropropene	200	U	200	120
75-27-4	Dichlorobromomethane	200	U	200	34
100-41-4	Ethylbenzene	200	U	200	84
78-93-3	2-Butanone (MEK)	2000	U	2000	230
108-10-1	4-Methyl-2-pentanone (MIBK)	2000	U	2000	200
75-09-2	Methylene Chloride	1000	U	1000	520
100-42-5	Styrene	200	U	200	90
127-18-4	Tetrachloroethene	200	U	200	88
108-88-3	Toluene	200	U	200	88
156-60-5	trans-1,2-Dichloroethene	200	U	200	100
10061-02-6	trans-1,3-Dichloropropene	200	U	200	130
79-01-6	Trichloroethene	170	J	200	88
75-01-4	Vinyl chloride	280		200	90
1330-20-7	Xylenes, Total	400	U	400	84
124-48-1	Chlorodibromomethane	200	U	200	78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-010 | Lab Sample ID: 240-165834-10

Matrix: Water | Lab File ID: U1927321.D

Analysis Method: 8260D | Date Collected: 04/26/2022 15:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:13

Soil Aliquot Vol: | Dilution Factor: 200

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	91		56-136
2037-26-5	Toluene-d8 (Surr)	99		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927321.D
Lims ID: 240-165834-B-10
Client ID: GW-042622-SS-010
Sample Type: Client
Inject. Date: 05-May-2022 18:13:24 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 200.0000
Sample Info: 240-0118262-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	781462	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	573155	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	271367	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	211539	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	257155	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	692865	19.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	233673	18.2	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	96	19639	1.42	
13 Bromomethane	94		2.759				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	7
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.194	4.183	0.011	92	4823	0.3428	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	95	8371	0.4839	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	77	267263	22.3	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	95	10206	0.8724	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

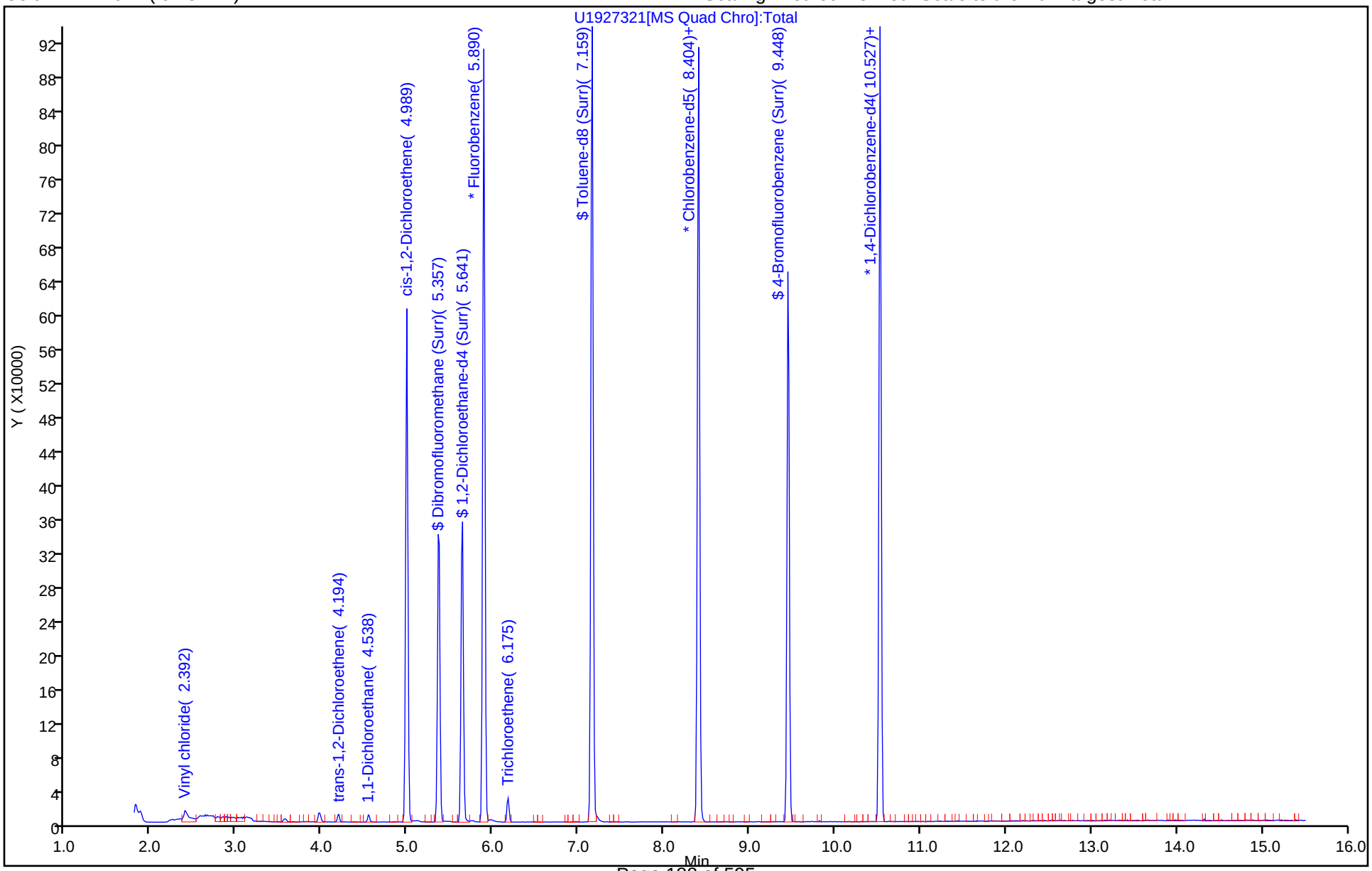
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927321.D

Injection Date:	05-May-2022 18:13:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-10	Lab Sample ID:	240-165834-10	Worklist Smp#:	26
Client ID:	GW-042622-SS-010				
Purge Vol:	5.000 mL	Dil. Factor:	200.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927321.D
Lims ID: 240-165834-B-10
Client ID: GW-042622-SS-010
Sample Type: Client
Inject. Date: 05-May-2022 18:13:24 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 200.0000
Sample Info: 240-0118262-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	18504.56
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	20013.44
$ 6 Toluene-d8 (Surr)	20.0	19.9	19880.74
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.2	18240.69

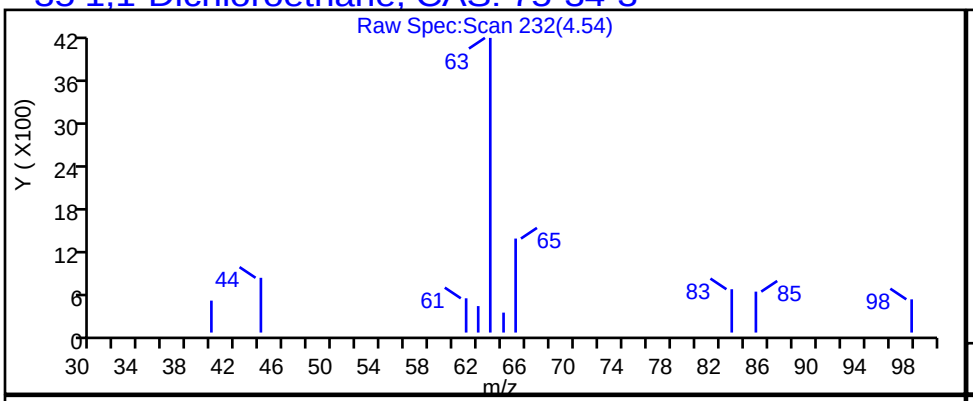
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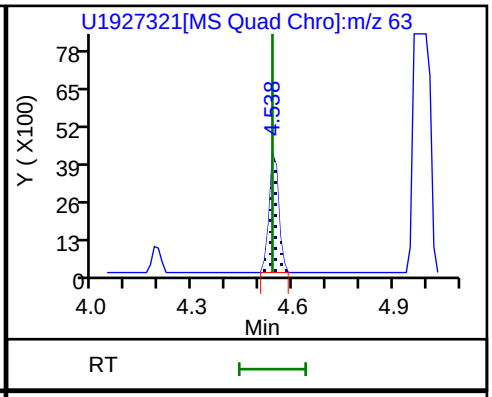
Eurofins Canton

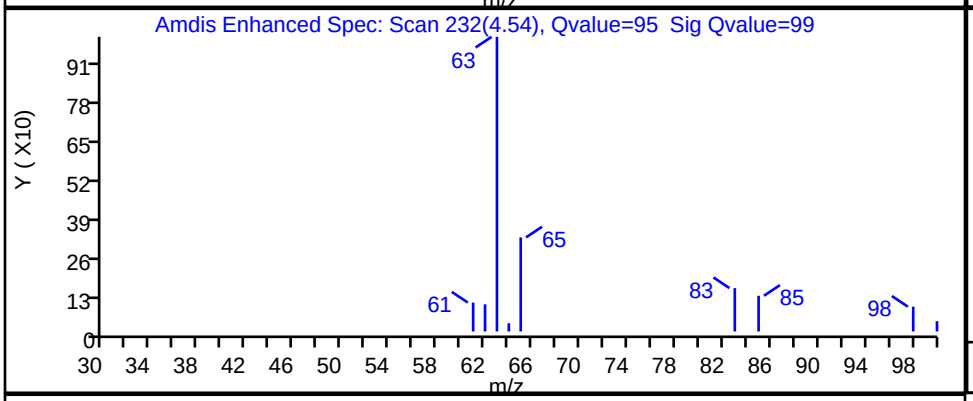
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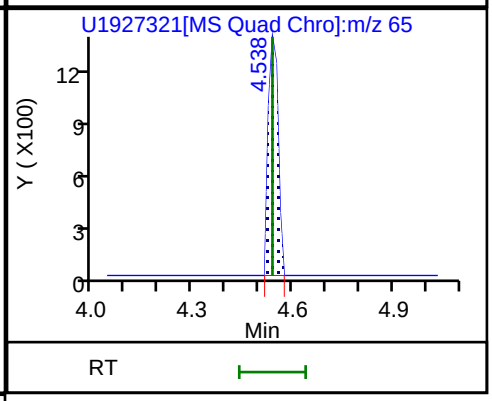
Injection Date:	05-May-2022 18:13:24	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-10	Lab Sample ID:	240-165834-10		
Client ID:	GW-042622-SS-010				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	200.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

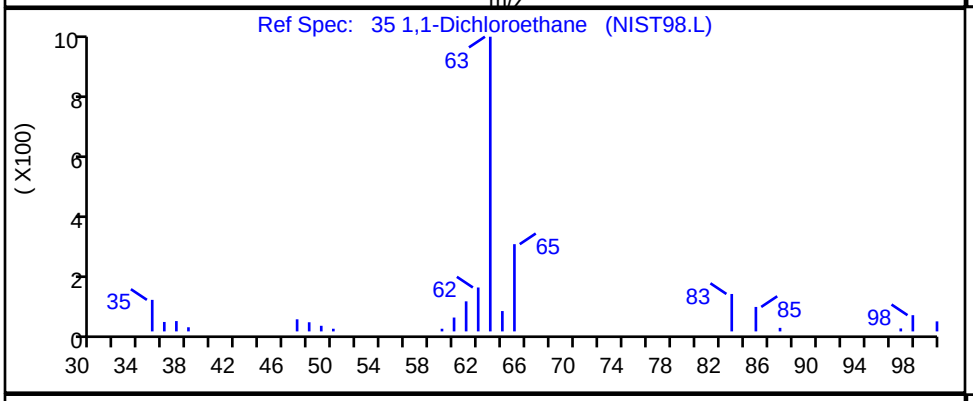
35 1,1-Dichloroethane, CAS: 75-34-3

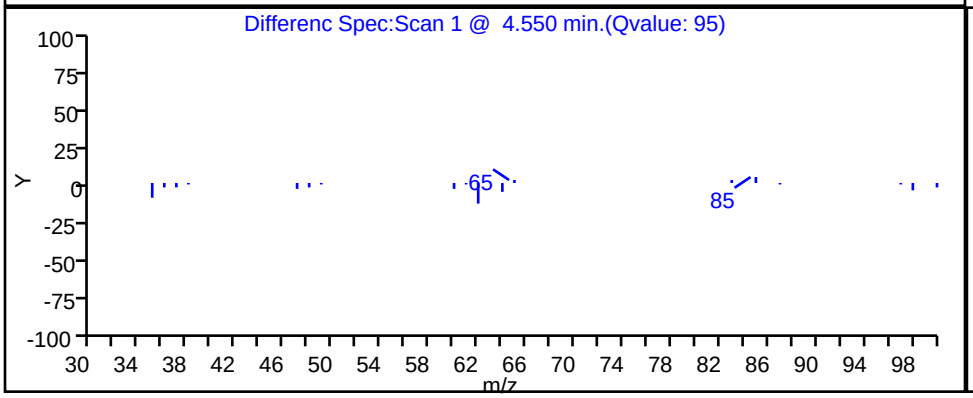


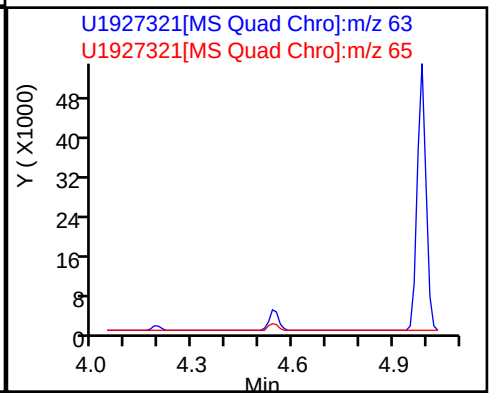












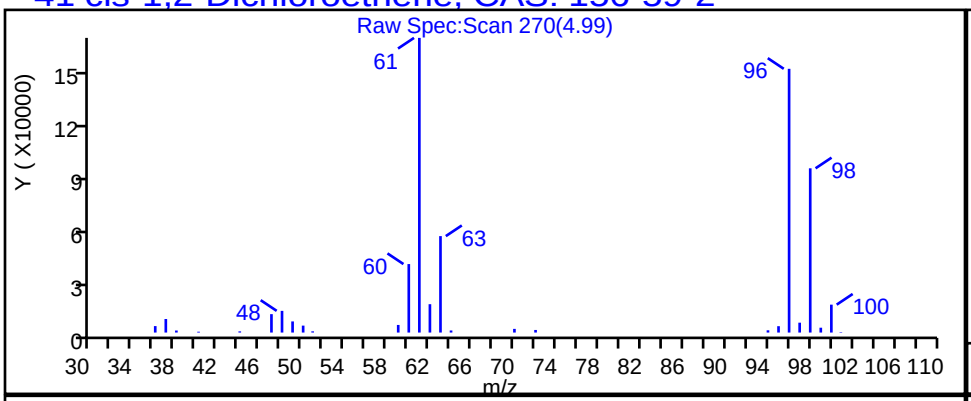
Report Date: 06-May-2022 08:22:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

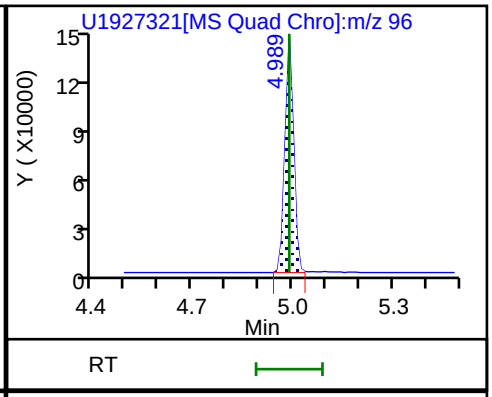
Eurofins Canton

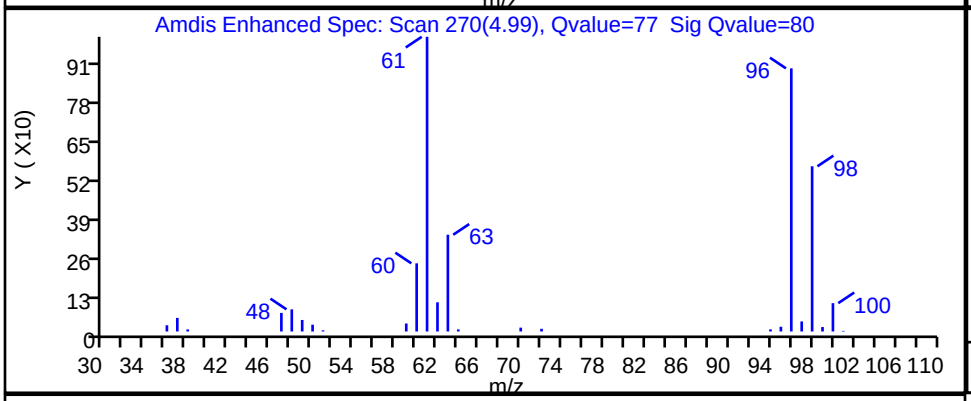
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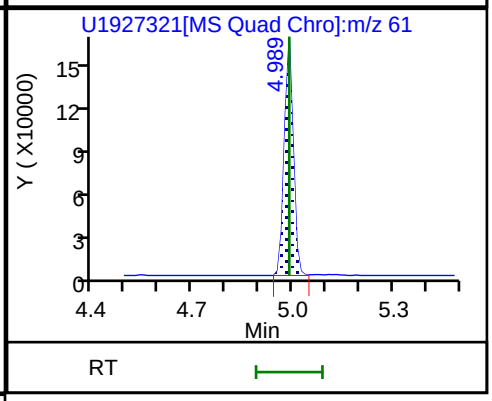
Injection Date:	05-May-2022 18:13:24	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-10	Lab Sample ID:	240-165834-10		
Client ID:	GW-042622-SS-010				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	200.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

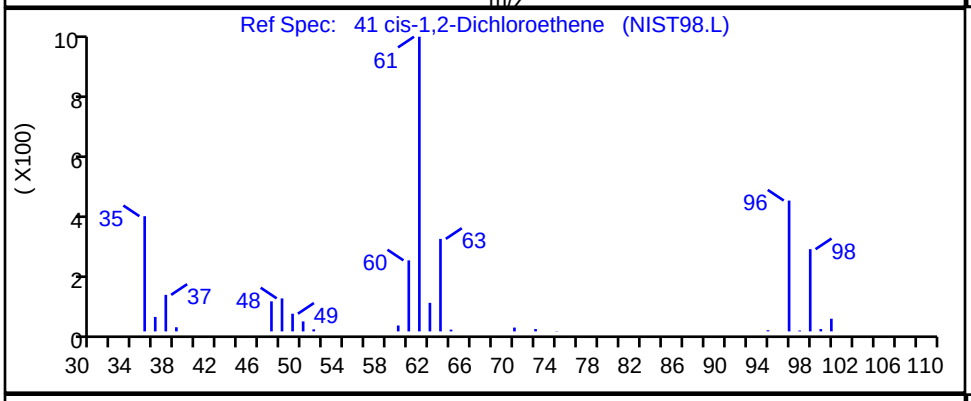
41 cis-1,2-Dichloroethene, CAS: 156-59-2

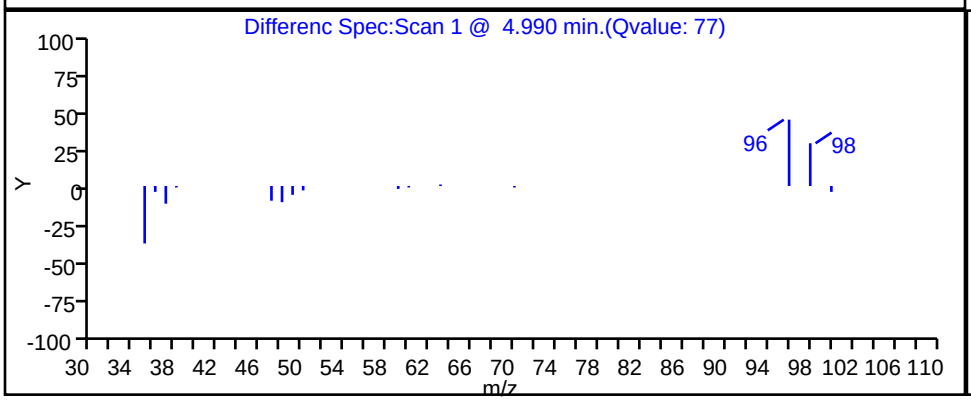


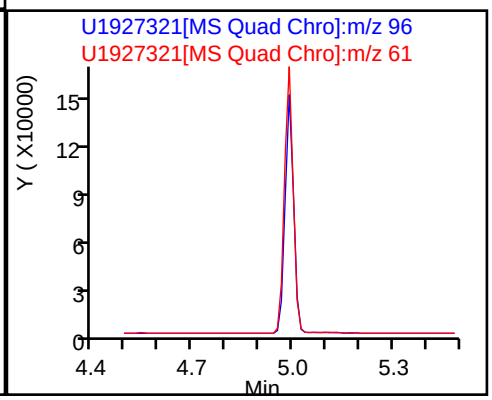












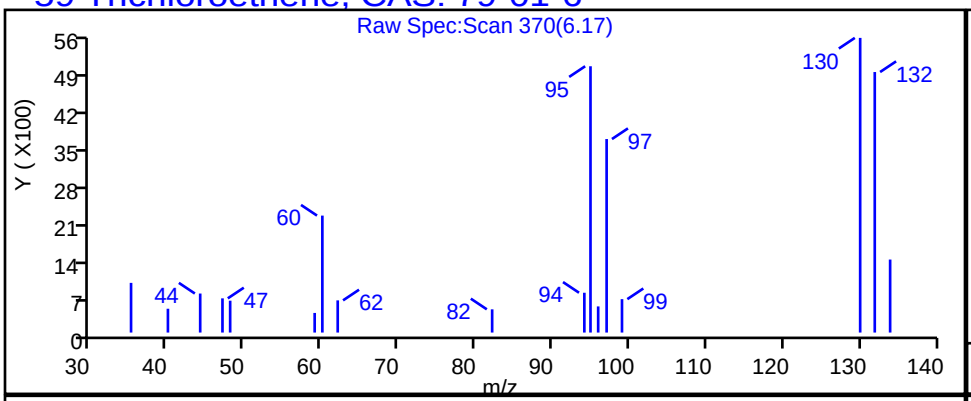
Report Date: 06-May-2022 08:22:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

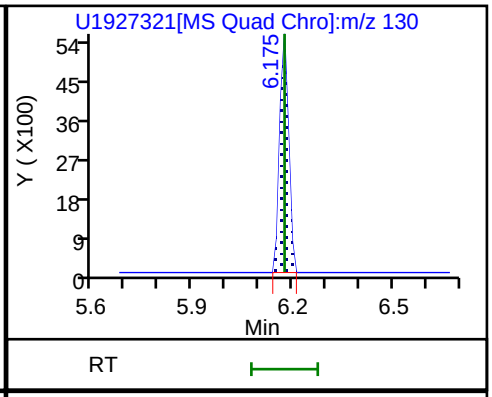
Eurofins Canton

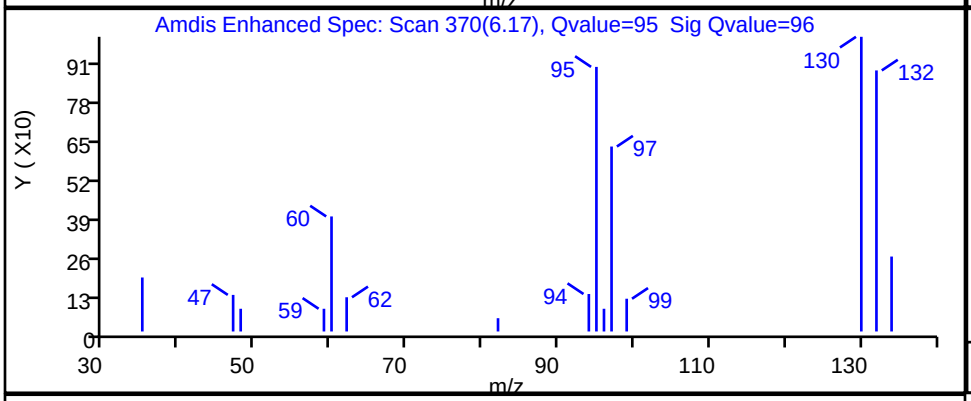
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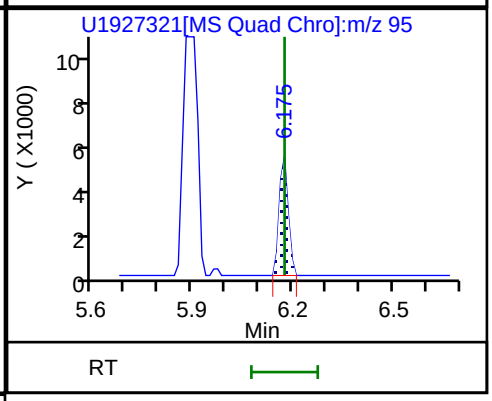
Injection Date:	05-May-2022 18:13:24	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-10	Lab Sample ID:	240-165834-10		
Client ID:	GW-042622-SS-010				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	200.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

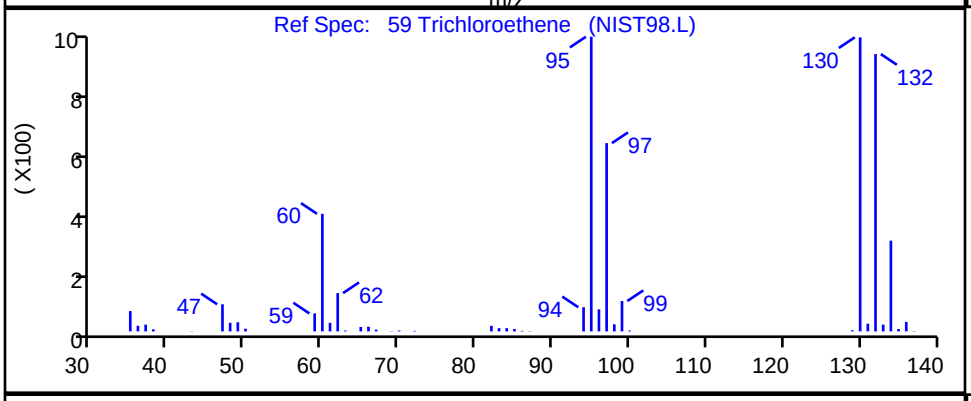
59 Trichloroethene, CAS: 79-01-6

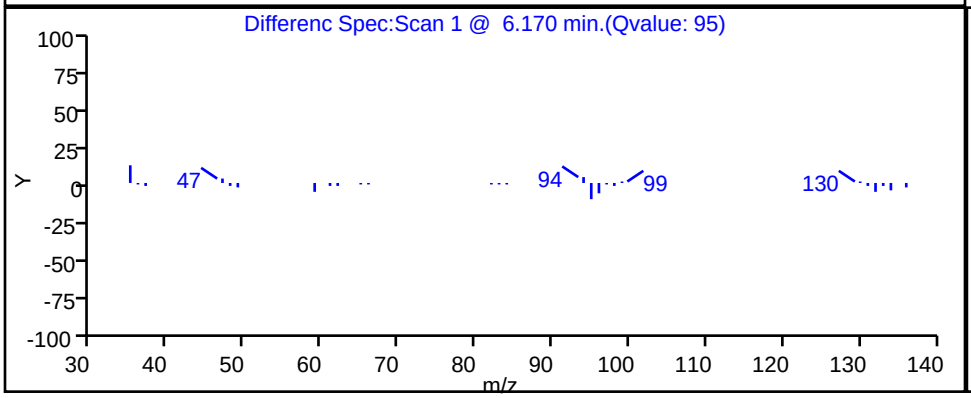


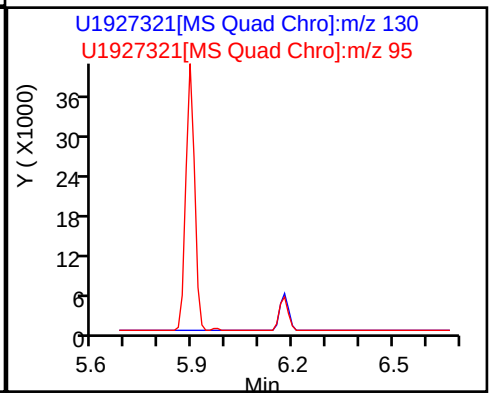












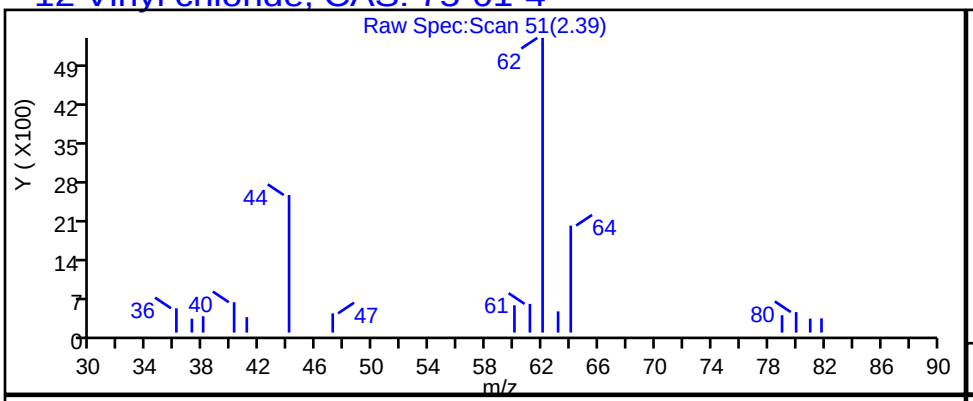
Report Date: 06-May-2022 08:22:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

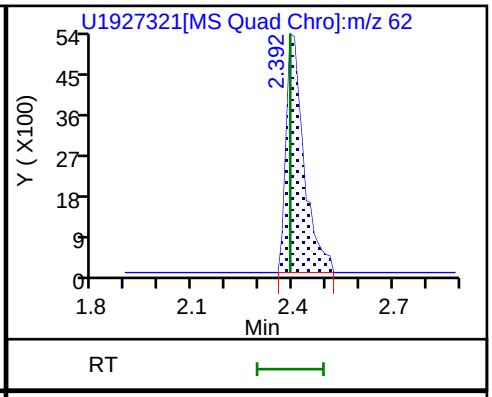
Eurofins Canton

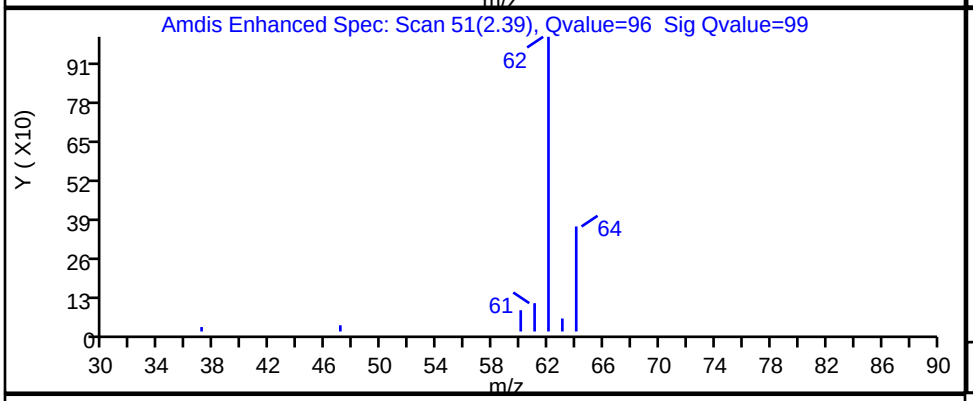
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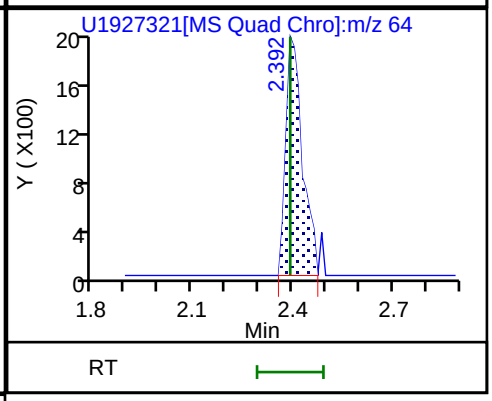
Injection Date:	05-May-2022 18:13:24	Instrument ID:	A3UX19
Lims ID:	240-165834-B-10	Lab Sample ID:	240-165834-10
Client ID:	GW-042622-SS-010		
Operator ID:	001904	ALS Bottle#:	0 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	200.0000
Method:	8260_19	Limit Group:	MSV 8260C ICAL
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

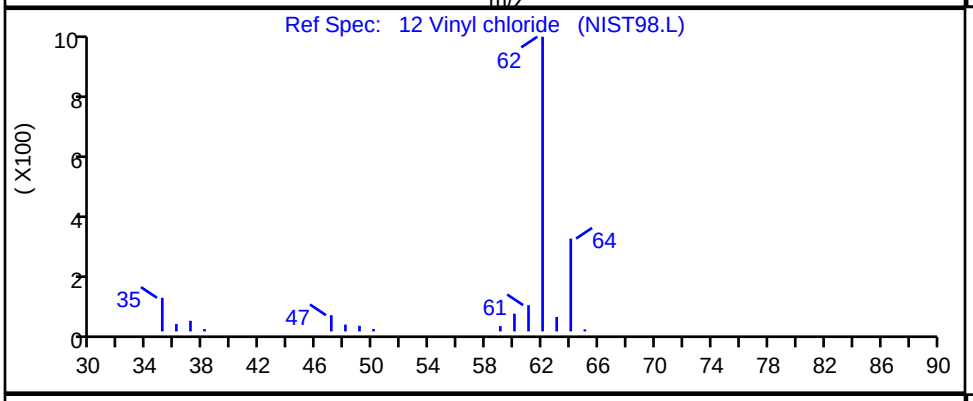
12 Vinyl chloride, CAS: 75-01-4

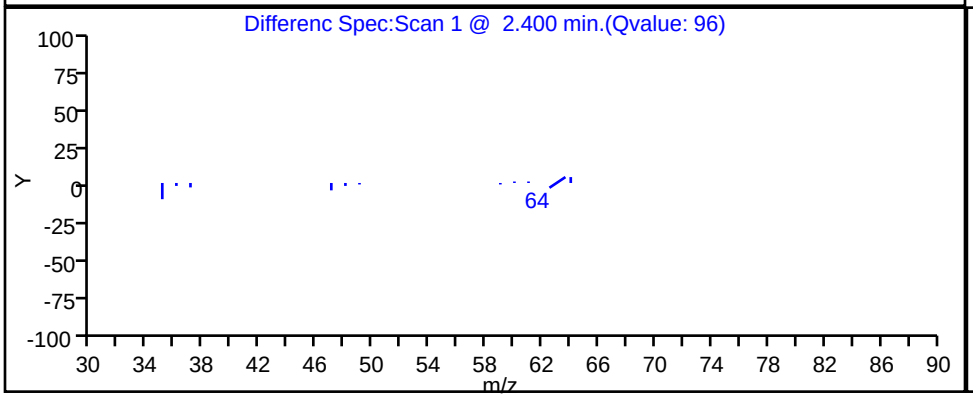


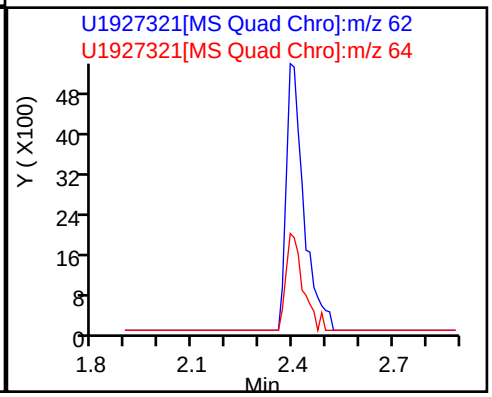












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: EB-042622-SS-001 | Lab Sample ID: 240-165834-11

Matrix: Water | Lab File ID: U1927322.D

Analysis Method: 8260D | Date Collected: 04/26/2022 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: EB-042622-SS-001 | Lab Sample ID: 240-165834-11

Matrix: Water | Lab File ID: U1927322.D

Analysis Method: 8260D | Date Collected: 04/26/2022 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927322.D
Lims ID: 240-165834-B-11
Client ID: EB-042622-SS-001
Sample Type: Client
Inject. Date: 05-May-2022 18:35:43 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-027
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	748526	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	538471	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	249190	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	204467	18.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	97	251103	20.4	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	675179	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	227315	18.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	68	1254	0.1094	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

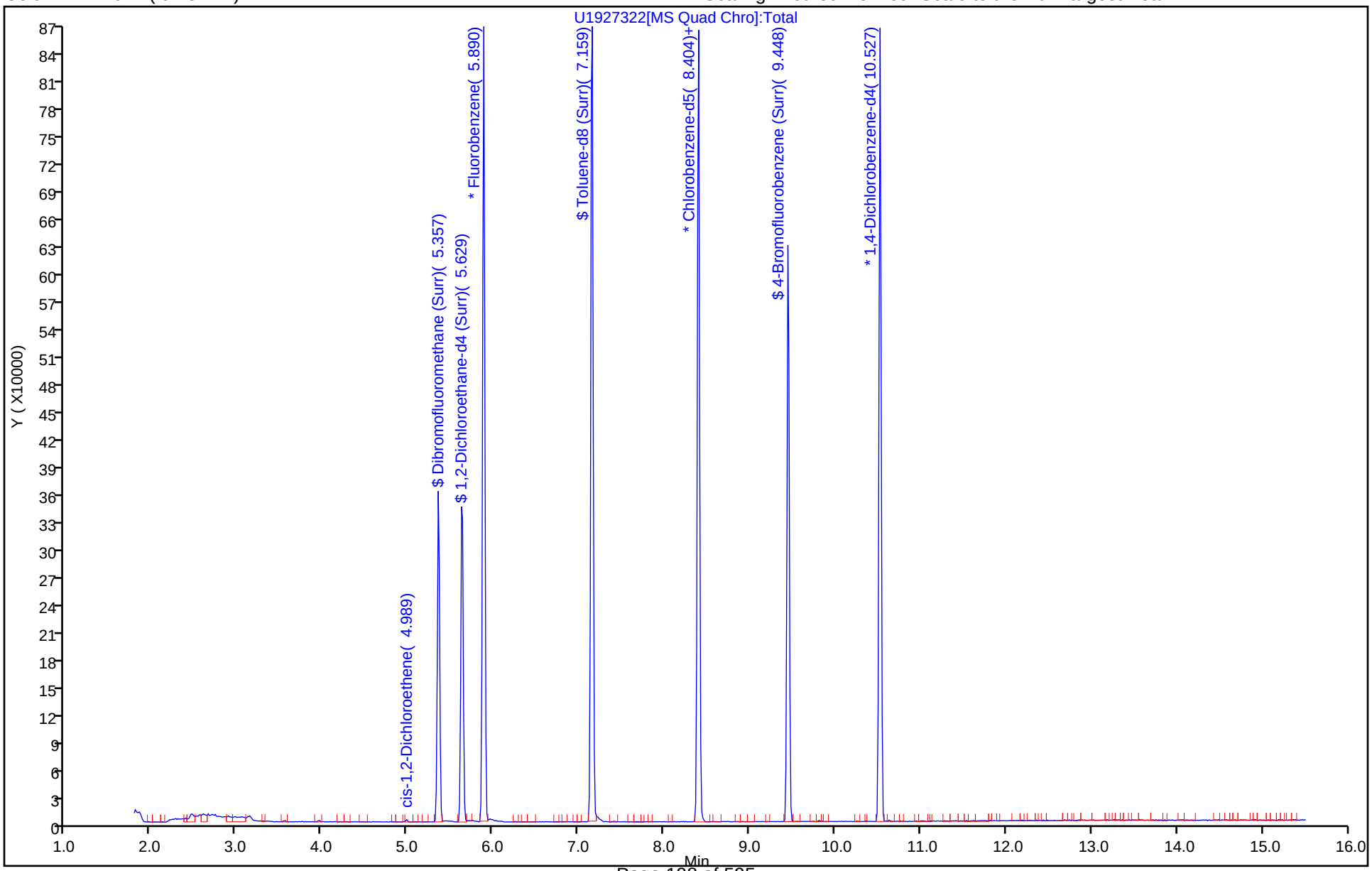
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927322.D

Injection Date:	05-May-2022 18:35:43	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-11	Lab Sample ID:	240-165834-11	Worklist Smp#:	27
Client ID:	EB-042622-SS-001				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927322.D				
Lims ID:	240-165834-B-11				
Client ID:	EB-042622-SS-001				
Sample Type:	Client				
Inject. Date:	05-May-2022 18:35:43	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118262-027				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 08:21:45	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 08:22:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	93.36
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.4	102.01
$ 6 Toluene-d8 (Surr)	20.0	20.6	103.11
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	94.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-011 | Lab Sample ID: 240-165834-12

Matrix: Water | Lab File ID: U1927323.D

Analysis Method: 8260D | Date Collected: 04/27/2022 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	6.7		1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-011 | Lab Sample ID: 240-165834-12

Matrix: Water | Lab File ID: U1927323.D

Analysis Method: 8260D | Date Collected: 04/27/2022 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 18:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927323.D
Lims ID: 240-165834-B-12
Client ID: GW-042722-SS-011
Sample Type: Client
Inject. Date: 05-May-2022 18:58:03 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	765480	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	564371	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	266750	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	211432	18.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	258296	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	691146	20.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	231092	18.3	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	90358	6.69	
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

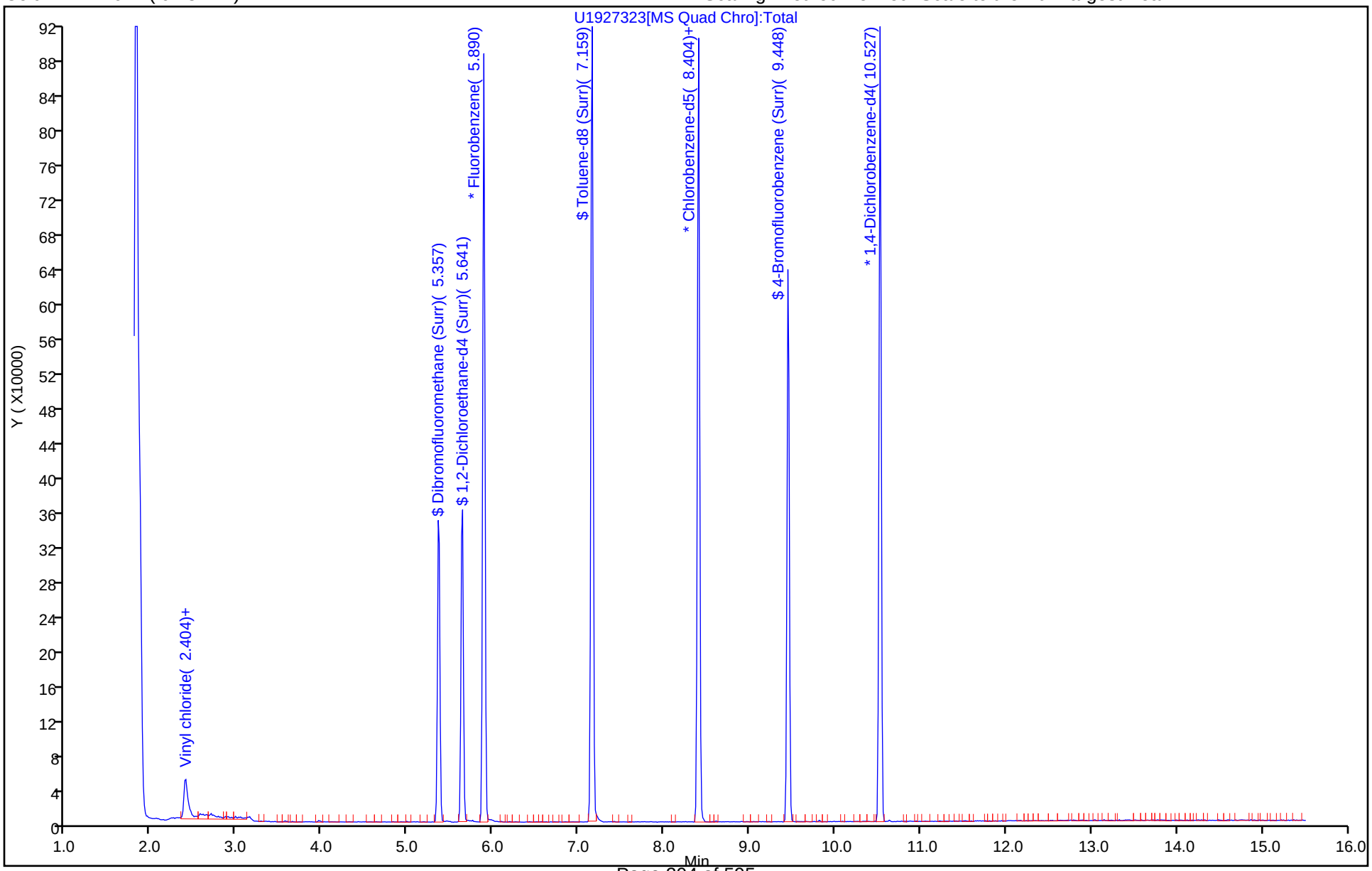
Report Date: 06-May-2022 08:22:53 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927323.D

Injection Date:	05-May-2022 18:58:03	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-12	Lab Sample ID:	240-165834-12	Worklist Smp#:	28
Client ID:	GW-042722-SS-011				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927323.D
Lims ID: 240-165834-B-12
Client ID: GW-042722-SS-011
Sample Type: Client
Inject. Date: 05-May-2022 18:58:03 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:22:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.9	94.41
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	102.61
$ 6 Toluene-d8 (Surr)	20.0	20.1	100.70
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.3	91.60

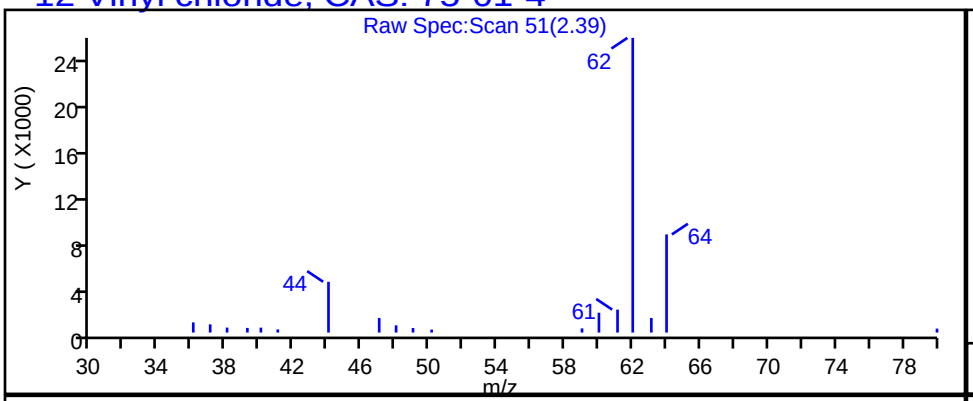
Report Date: 06-May-2022 08:22:53 Chrom Revision: 2.3 12-Apr-2022 20:29:44

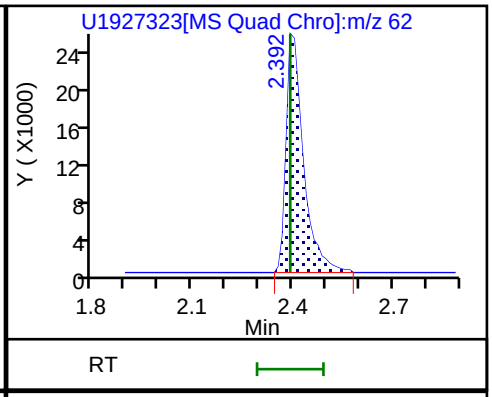
Eurofins Canton

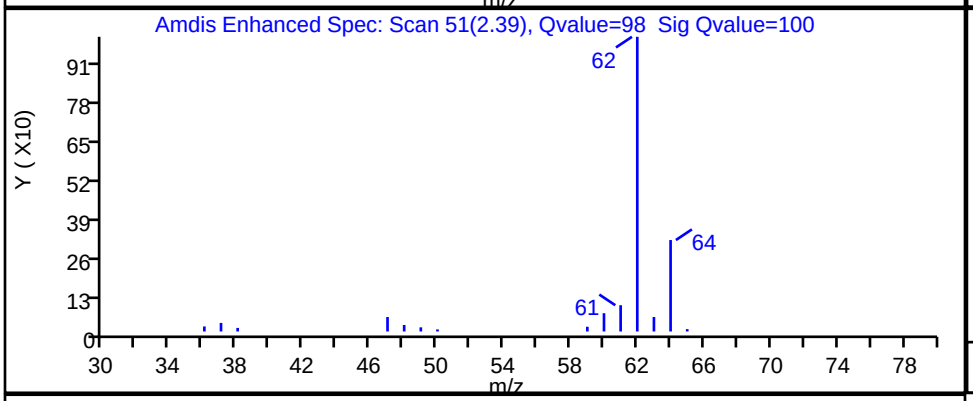
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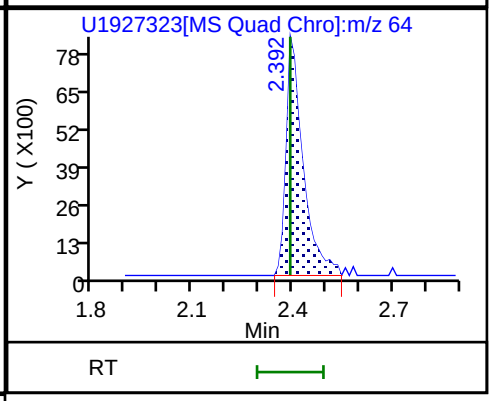
Injection Date:	05-May-2022 18:58:03	Instrument ID:	A3UX19
Lims ID:	240-165834-B-12	Lab Sample ID:	240-165834-12
Client ID:	GW-042722-SS-011		
Operator ID:	001904	ALS Bottle#:	0 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_19	Limit Group:	MSV 8260C ICAL
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

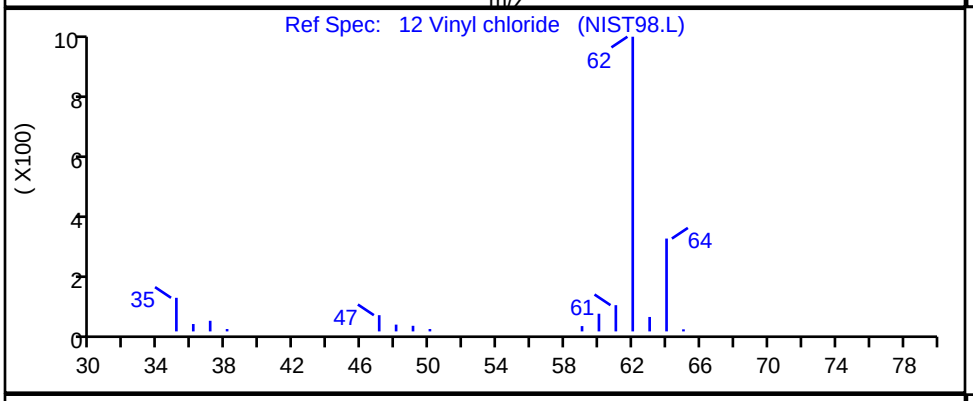
12 Vinyl chloride, CAS: 75-01-4

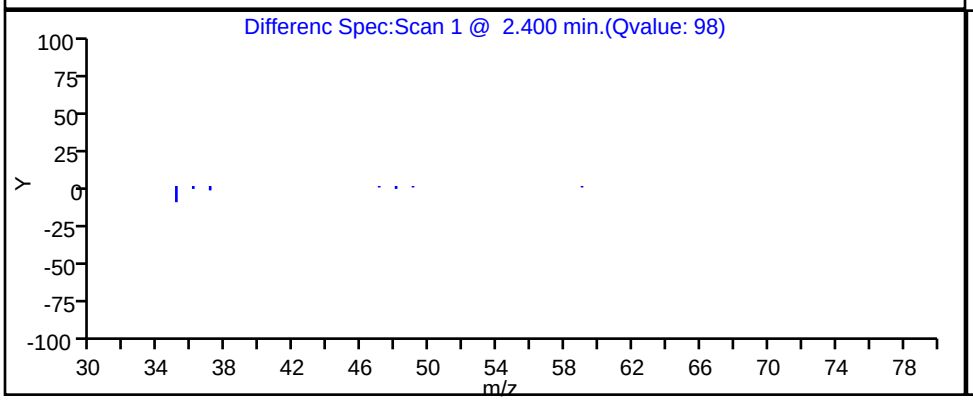


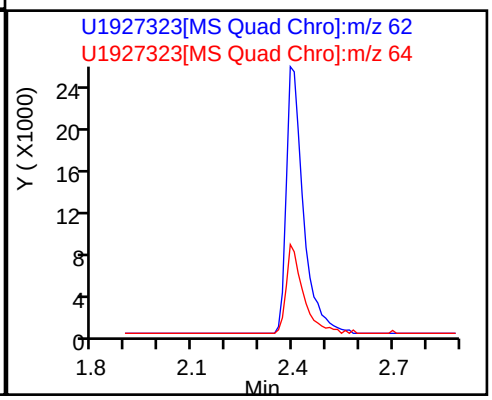












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-012 | Lab Sample ID: 240-165834-13

Matrix: Water | Lab File ID: U1927324.D

Analysis Method: 8260D | Date Collected: 04/27/2022 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 19:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-012 | Lab Sample ID: 240-165834-13

Matrix: Water | Lab File ID: U1927324.D

Analysis Method: 8260D | Date Collected: 04/27/2022 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 19:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927324.D
Lims ID: 240-165834-B-13
Client ID: GW-042722-SS-012
Sample Type: Client
Inject. Date: 05-May-2022 19:20:22 ALS Bottle#: 0 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-029
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	757455	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	552768	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	263591	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	-0.001	92	205870	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	98	255291	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	678247	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	227346	18.4	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.759				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

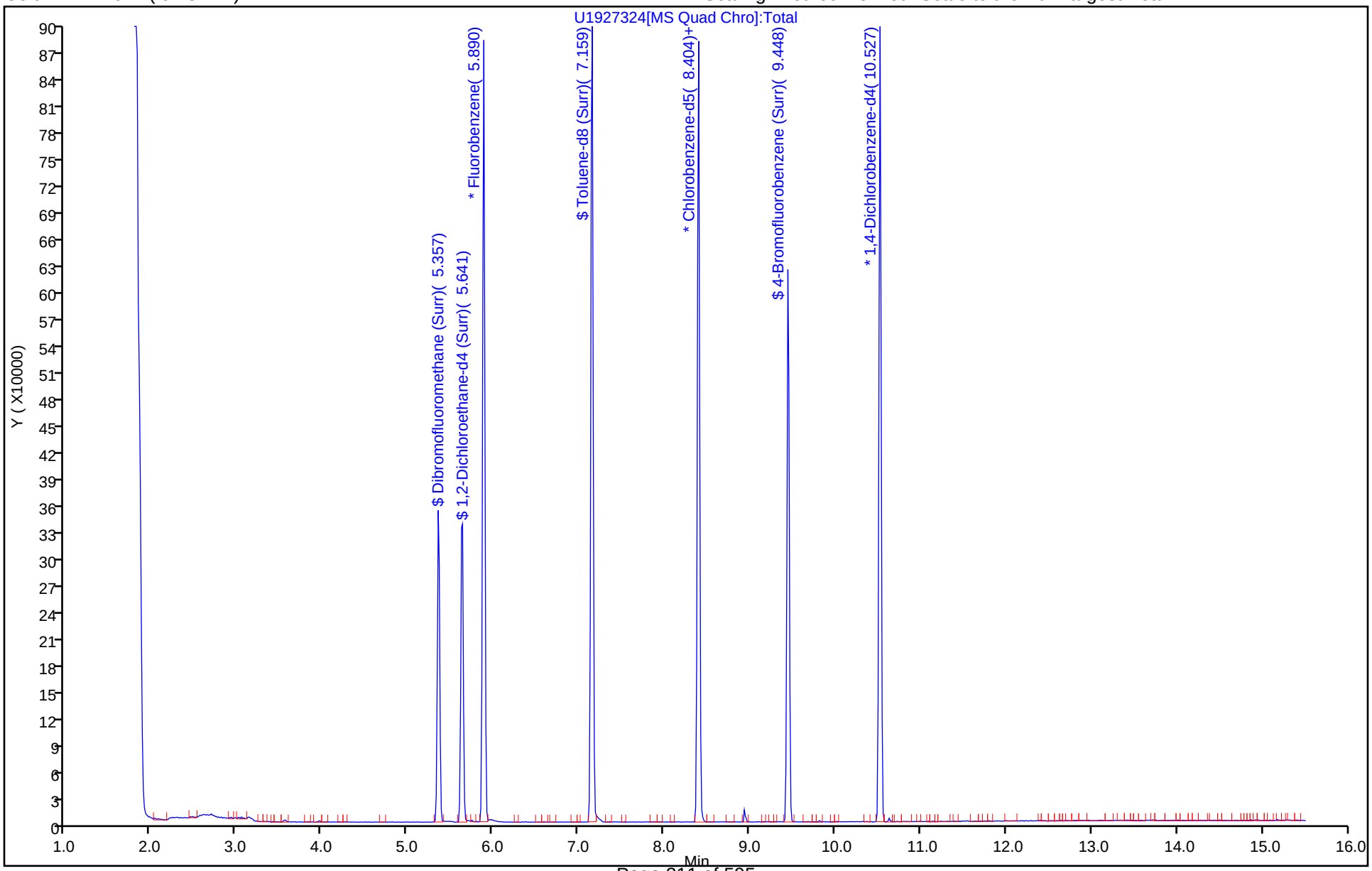
Report Date: 06-May-2022 08:23:02 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927324.D

Injection Date:	05-May-2022 19:20:22	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-13	Lab Sample ID:	240-165834-13	Worklist Smp#:	29
Client ID:	GW-042722-SS-012				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927324.D				
Lims ID:	240-165834-B-13				
Client ID:	GW-042722-SS-012				
Sample Type:	Client				
Inject. Date:	05-May-2022 19:20:22	ALS Bottle#:	0	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118262-029				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 08:21:45	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 08:23:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	92.90
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	102.49
$ 6 Toluene-d8 (Surr)	20.0	20.2	100.90
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.4	92.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-013 | Lab Sample ID: 240-165834-14

Matrix: Water | Lab File ID: U1927325.D

Analysis Method: 8260D | Date Collected: 04/27/2022 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	0.62	J	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-013 | Lab Sample ID: 240-165834-14

Matrix: Water | Lab File ID: U1927325.D

Analysis Method: 8260D | Date Collected: 04/27/2022 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 19:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927325.D
Lims ID: 240-165834-B-14
Client ID: GW-042722-SS-013
Sample Type: Client
Inject. Date: 05-May-2022 19:42:31 ALS Bottle#: 0 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-030
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	745181	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	543185	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	265097	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.357	0.011	92	205008	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	251573	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	673768	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	230035	18.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	96	8147	0.6195	
13 Bromomethane	94		2.759				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.767				ND	7
29 Methylene Chloride	49		3.957				ND	
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

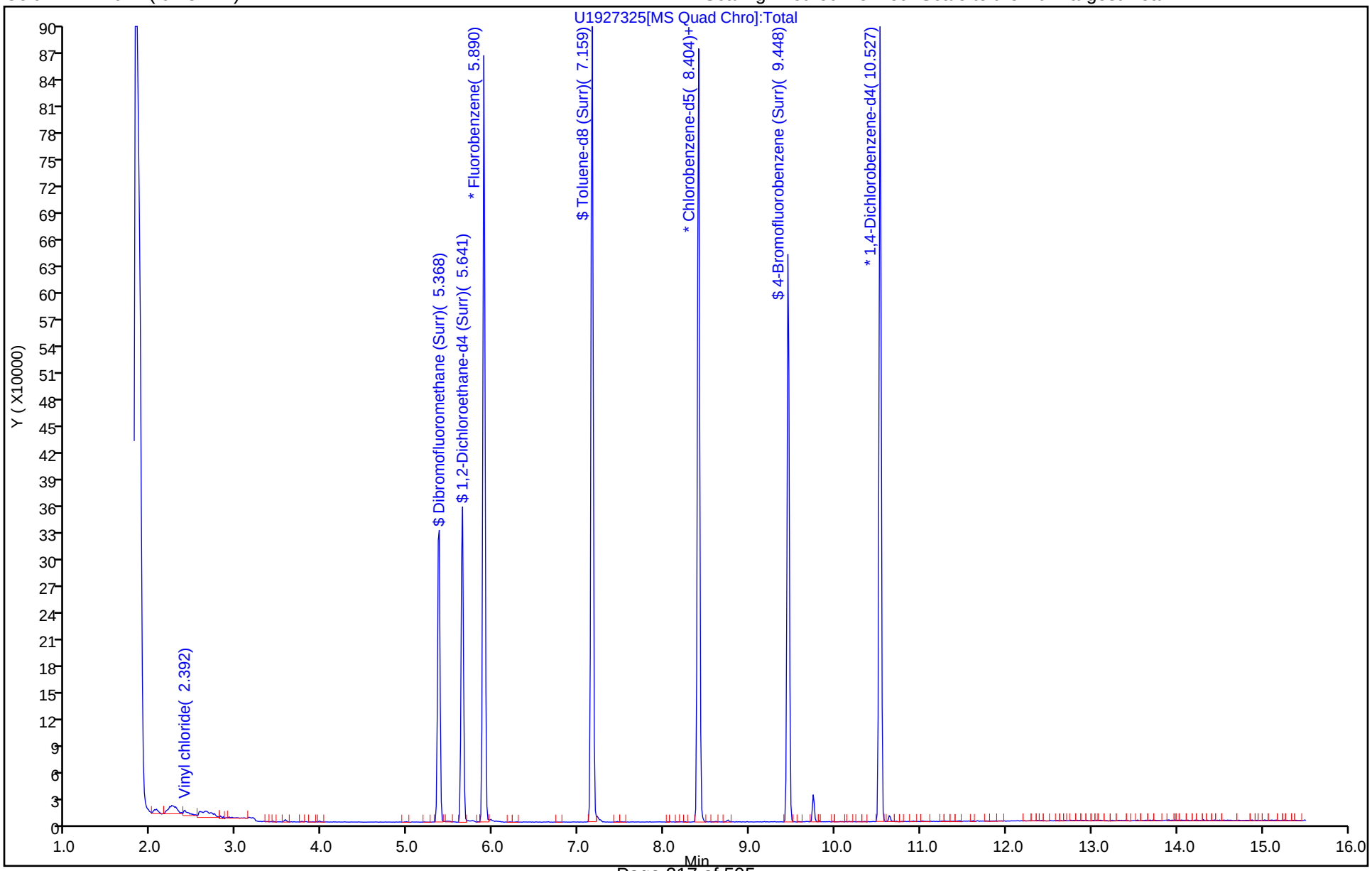
Report Date: 06-May-2022 08:23:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927325.D

Injection Date:	05-May-2022 19:42:31	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-14	Lab Sample ID:	240-165834-14	Worklist Smp#:	30
Client ID:	GW-042722-SS-013				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927325.D
Lims ID: 240-165834-B-14
Client ID: GW-042722-SS-013
Sample Type: Client
Inject. Date: 05-May-2022 19:42:31 ALS Bottle#: 0 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-030
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	94.03
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	102.66
$ 6 Toluene-d8 (Surr)	20.0	20.4	102.00
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	94.74

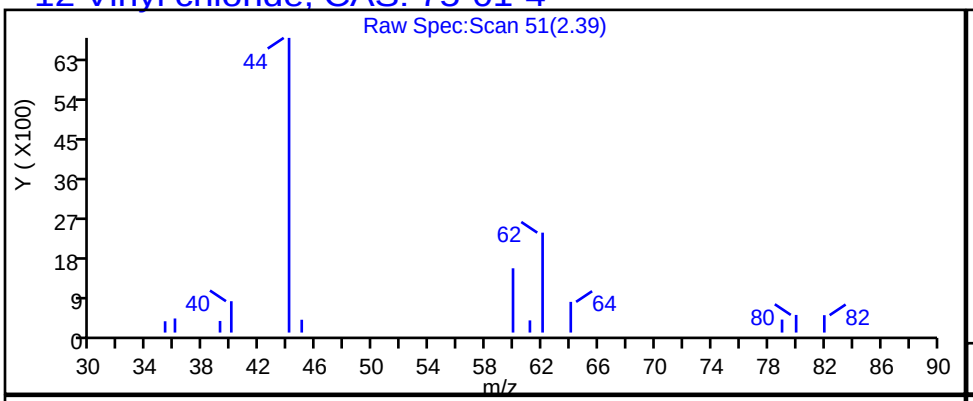
Report Date: 06-May-2022 08:23:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

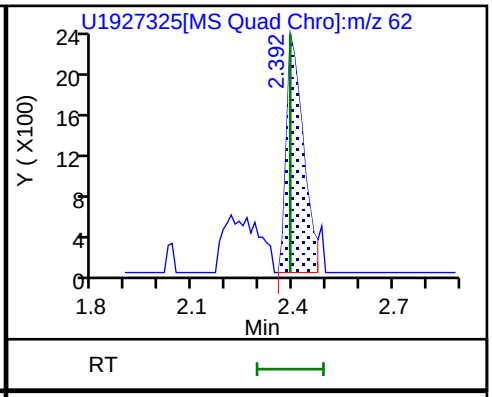
Eurofins Canton

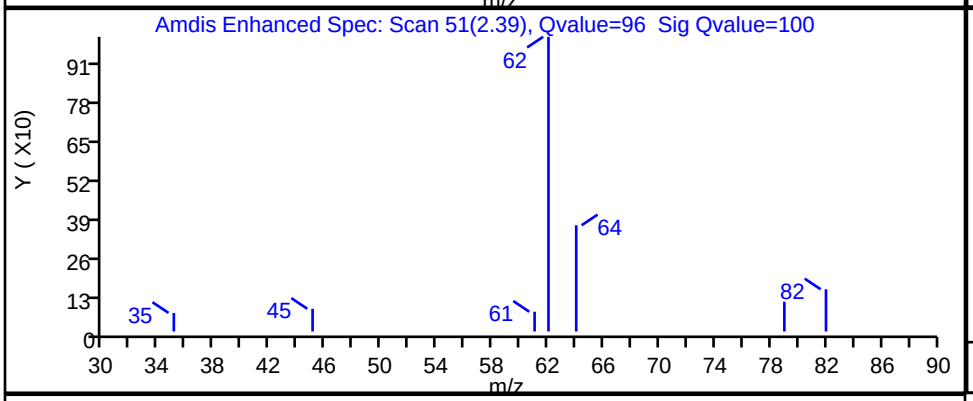
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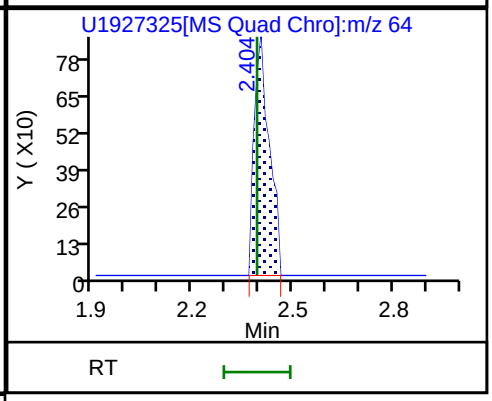
Injection Date:	05-May-2022 19:42:31	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-14	Lab Sample ID:	240-165834-14		
Client ID:	GW-042722-SS-013				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

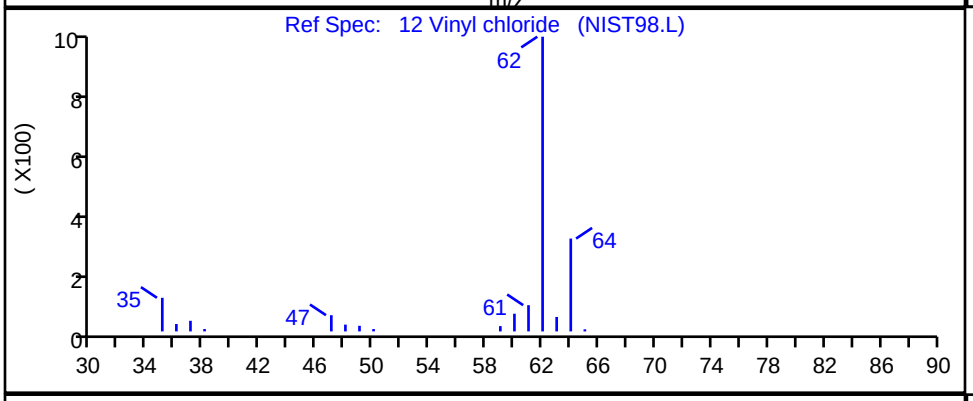
12 Vinyl chloride, CAS: 75-01-4

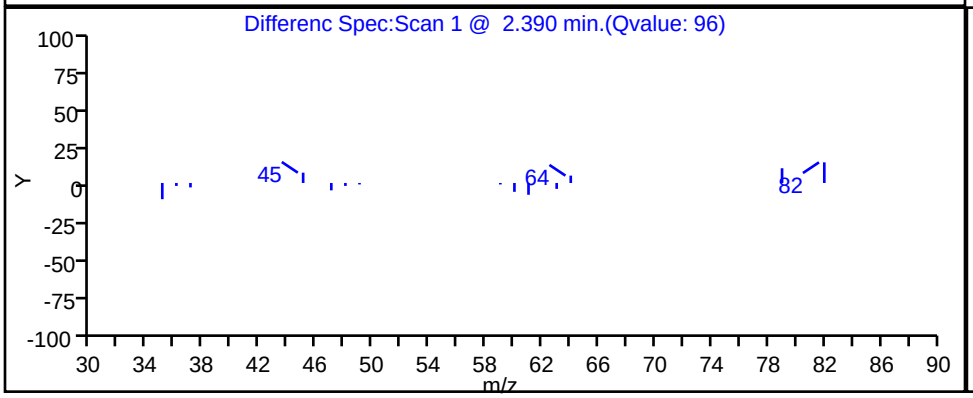


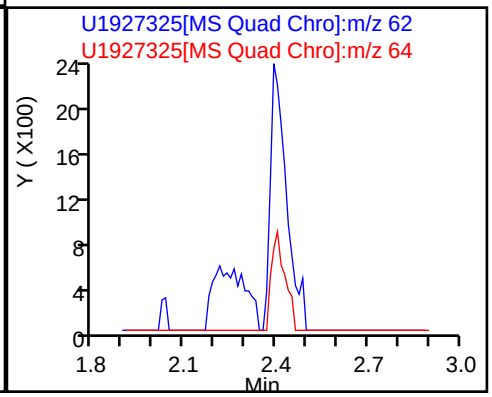












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-014 | Lab Sample ID: 240-165834-15

Matrix: Water | Lab File ID: U1927337.D

Analysis Method: 8260D | Date Collected: 04/27/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:57

Soil Aliquot Vol: | Dilution Factor: 125

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	130	U	130	60
79-34-5	1,1,2,2-Tetrachloroethane	130	U	130	75
79-00-5	1,1,2-Trichloroethane	130	U	130	60
75-34-3	1,1-Dichloroethane	130	U	130	59
75-35-4	1,1-Dichloroethene	130	U	130	61
107-06-2	1,2-Dichloroethane	130	U	130	26
78-87-5	1,2-Dichloropropane	130	U	130	59
591-78-6	2-Hexanone	1300	U	1300	140
67-64-1	Acetone	1300	U	1300	680
71-43-2	Benzene	130	U	130	53
75-25-2	Bromoform	130	U	130	95
74-83-9	Bromomethane	130	U	130	53
75-15-0	Carbon disulfide	130	U	130	74
56-23-5	Carbon tetrachloride	130	U	130	33
108-90-7	Chlorobenzene	130	U	130	48
75-00-3	Chloroethane	130	U	130	100
67-66-3	Chloroform	130	U	130	59
74-87-3	Chloromethane	130	U	130	79
156-59-2	cis-1,2-Dichloroethene	3200		130	58
10061-01-5	cis-1,3-Dichloropropene	130	U	130	76
75-27-4	Dichlorobromomethane	130	U	130	21
100-41-4	Ethylbenzene	130	U	130	53
78-93-3	2-Butanone (MEK)	1300	U	1300	150
108-10-1	4-Methyl-2-pentanone (MIBK)	1300	U	1300	120
75-09-2	Methylene Chloride	630	U	630	330
100-42-5	Styrene	130	U	130	56
127-18-4	Tetrachloroethene	130	U	130	55
108-88-3	Toluene	130	U	130	55
156-60-5	trans-1,2-Dichloroethene	130	U	130	64
10061-02-6	trans-1,3-Dichloropropene	130	U	130	84
79-01-6	Trichloroethene	130	U	130	55
75-01-4	Vinyl chloride	130		130	56
1330-20-7	Xylenes, Total	250	U	250	53
124-48-1	Chlorodibromomethane	130	U	130	49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-014 | Lab Sample ID: 240-165834-15

Matrix: Water | Lab File ID: U1927337.D

Analysis Method: 8260D | Date Collected: 04/27/2022 15:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 12:57

Soil Aliquot Vol: | Dilution Factor: 125

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927337.D
Lims ID: 240-165834-B-15
Client ID: GW-042722-SS-014
Sample Type: Client
Inject. Date: 06-May-2022 12:57:50 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 125.0000
Sample Info: 240-0118300-012
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 13:26:23 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 13:26:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	776114	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	560001	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	264645	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.357	0.011	92	211087	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	96	252706	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	698537	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	238620	19.1	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	96	13736	1.00	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	42	3355	0.2328	
22 Acetone	43	3.566	3.566	0.000	100	13569	0.7558	
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	7
35 1,1-Dichloroethane	63	4.550	4.538	0.012	89	3222	0.1875	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	308460	26.0	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	7
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

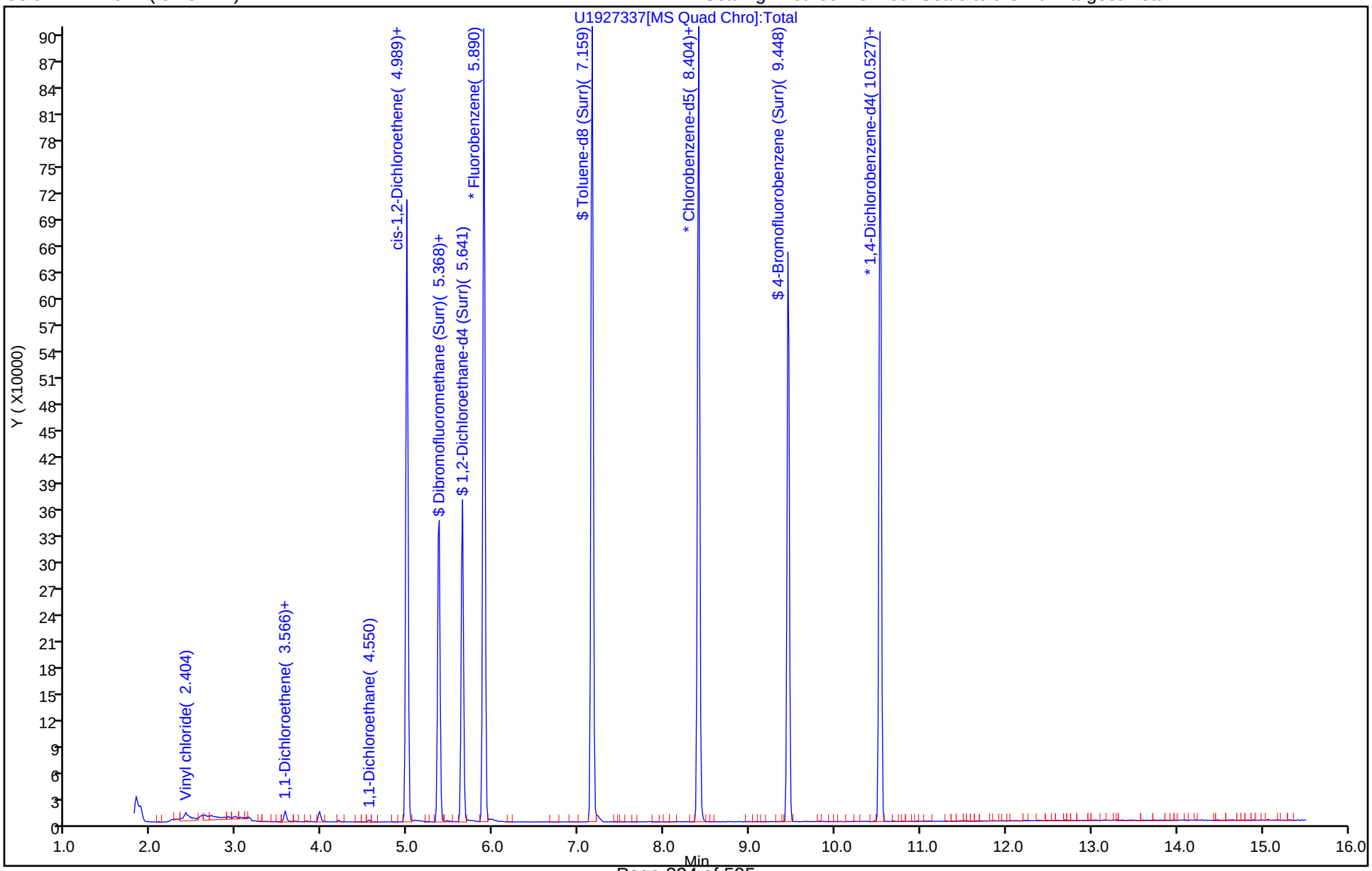
Report Date: 06-May-2022 13:26:45 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927337.D

Injection Date:	06-May-2022 12:57:50	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-15	Lab Sample ID:	240-165834-15	Worklist Smp#:	12
Client ID:	GW-042722-SS-014				
Purge Vol:	5.000 mL	Dil. Factor:	125.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927337.D				
Lims ID:	240-165834-B-15				
Client ID:	GW-042722-SS-014				
Sample Type:	Client				
Inject. Date:	06-May-2022 12:57:50	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Sample Info:	240-0118300-012				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 13:26:23	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 13:26:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	11620.16
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	12376.70
$ 6 Toluene-d8 (Surr)	20.0	20.5	12821.44
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.1	11915.24

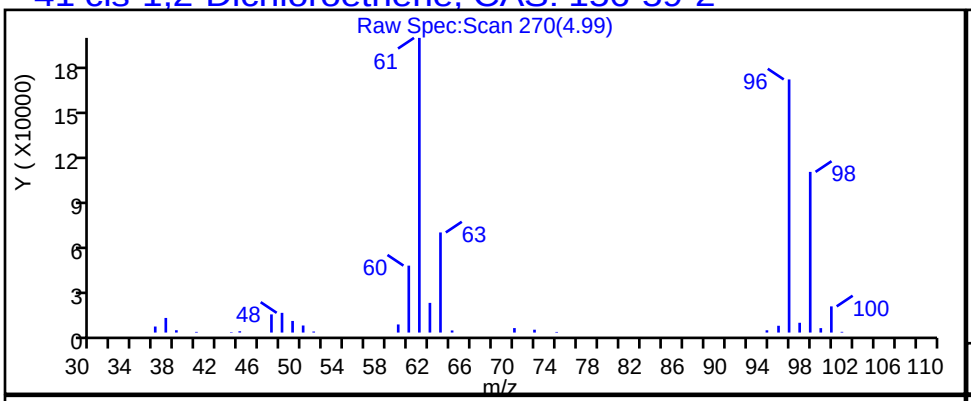
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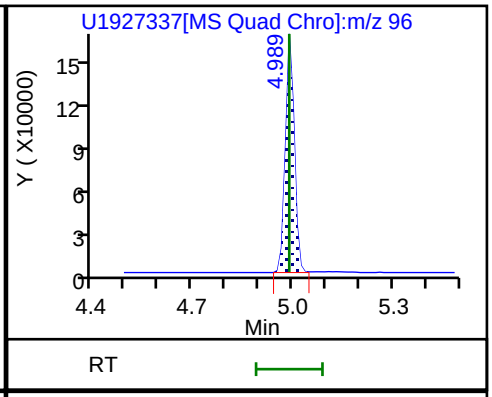
Eurofins Canton

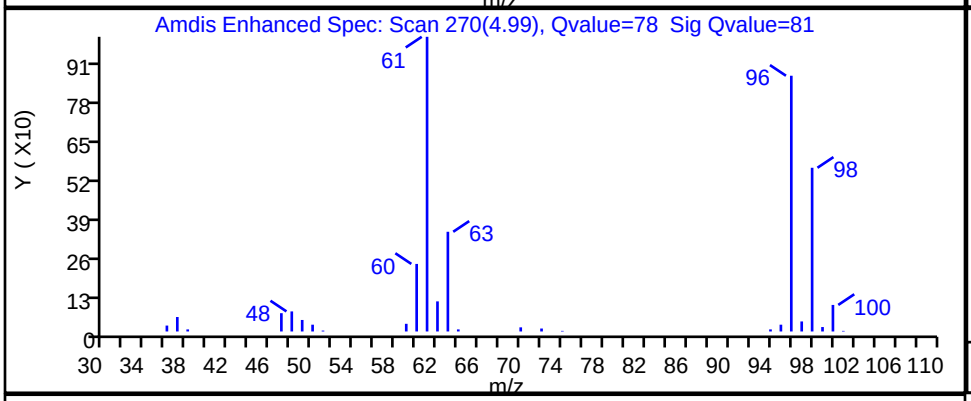
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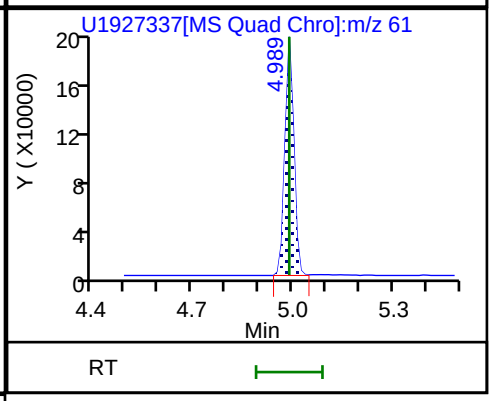
Injection Date:	06-May-2022 12:57:50	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-15	Lab Sample ID:	240-165834-15		
Client ID:	GW-042722-SS-014				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

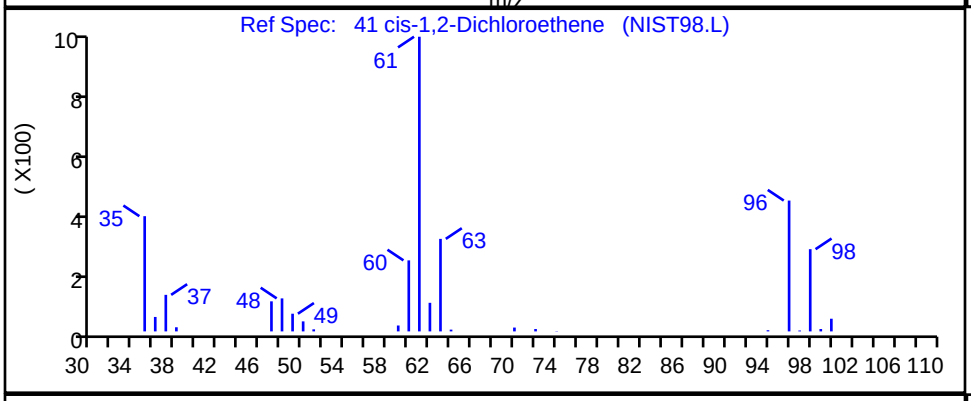
41 cis-1,2-Dichloroethene, CAS: 156-59-2

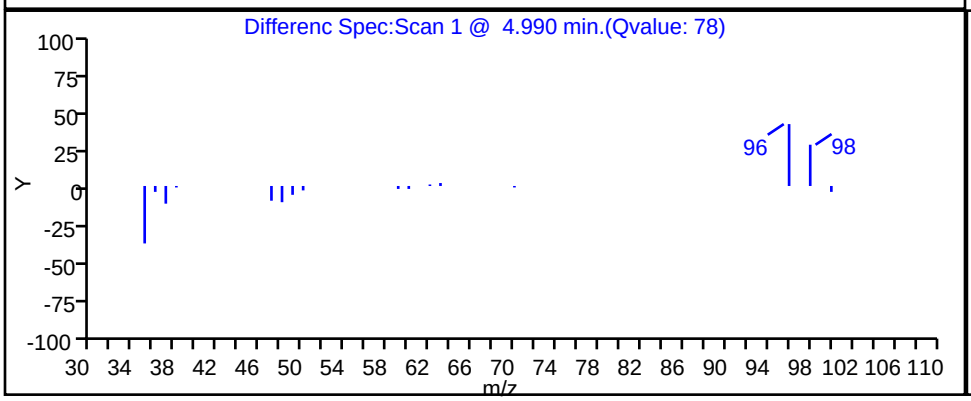


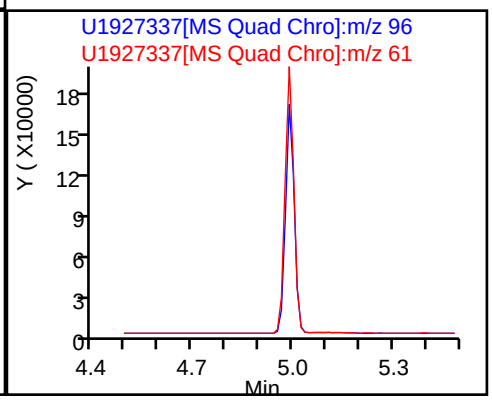












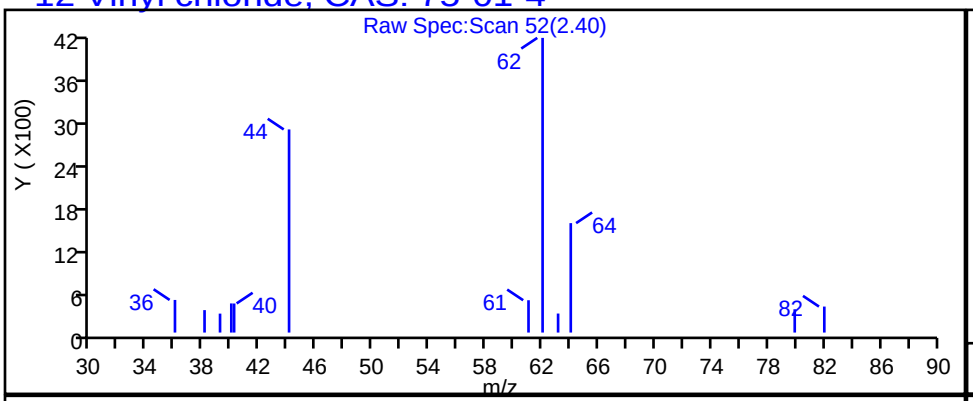
Report Date: 06-May-2022 13:26:45 Chrom Revision: 2.3 12-Apr-2022 20:29:44

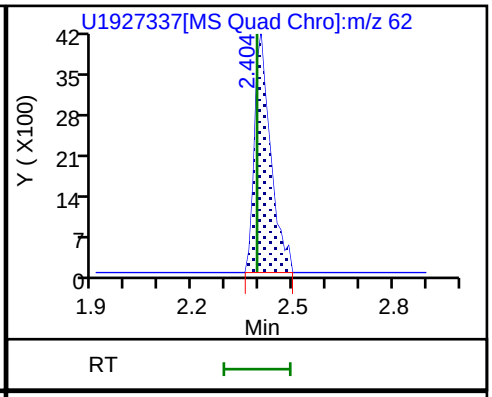
Eurofins Canton

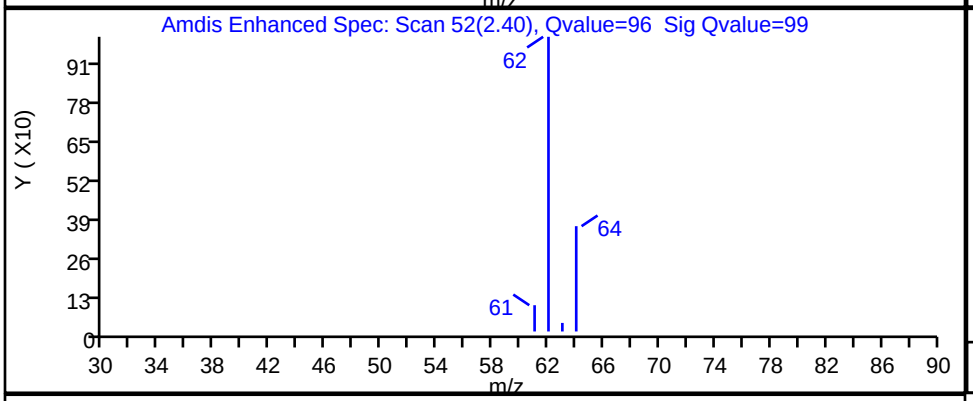
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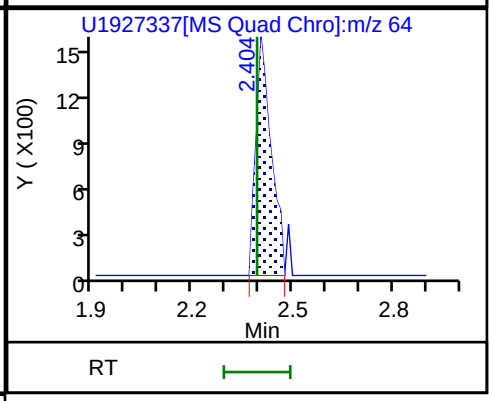
Injection Date:	06-May-2022 12:57:50	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-15	Lab Sample ID:	240-165834-15		
Client ID:	GW-042722-SS-014				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

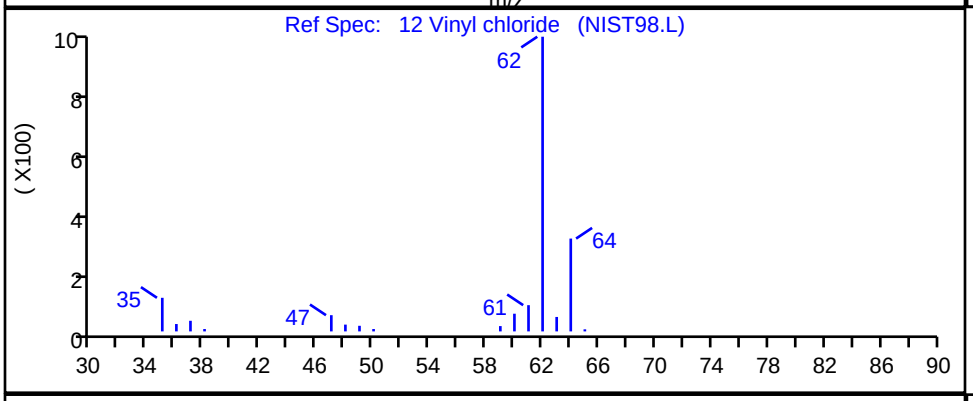
12 Vinyl chloride, CAS: 75-01-4

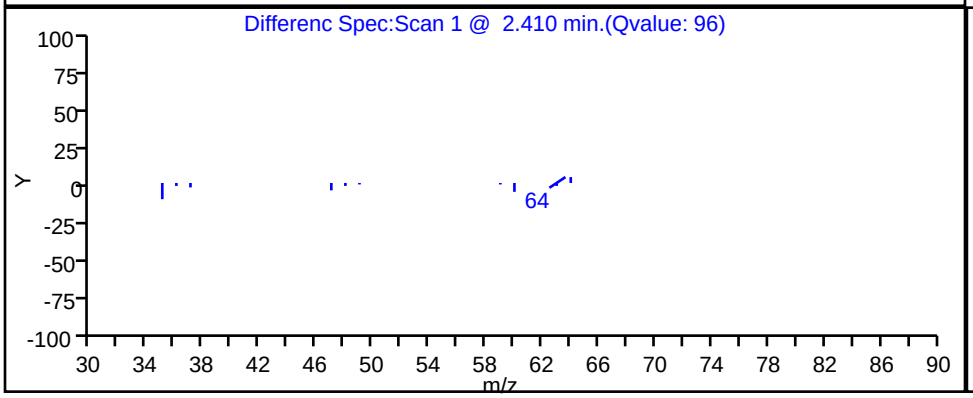


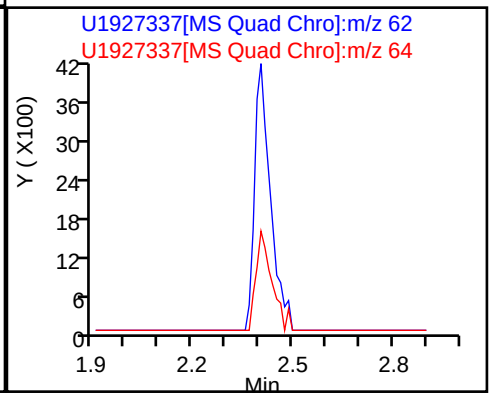












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-015 | Lab Sample ID: 240-165834-16

Matrix: Water | Lab File ID: U1927338.D

Analysis Method: 8260D | Date Collected: 04/27/2022 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 13:20

Soil Aliquot Vol: | Dilution Factor: 125

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	130	U	130	60
79-34-5	1,1,2,2-Tetrachloroethane	130	U	130	75
79-00-5	1,1,2-Trichloroethane	130	U	130	60
75-34-3	1,1-Dichloroethane	130	U	130	59
75-35-4	1,1-Dichloroethene	130	U	130	61
107-06-2	1,2-Dichloroethane	130	U	130	26
78-87-5	1,2-Dichloropropane	130	U	130	59
591-78-6	2-Hexanone	1300	U	1300	140
67-64-1	Acetone	1300	U	1300	680
71-43-2	Benzene	130	U	130	53
75-25-2	Bromoform	130	U	130	95
74-83-9	Bromomethane	130	U	130	53
75-15-0	Carbon disulfide	130	U	130	74
56-23-5	Carbon tetrachloride	130	U	130	33
108-90-7	Chlorobenzene	130	U	130	48
75-00-3	Chloroethane	130	U	130	100
67-66-3	Chloroform	130	U	130	59
74-87-3	Chloromethane	130	U	130	79
156-59-2	cis-1,2-Dichloroethene	3200		130	58
10061-01-5	cis-1,3-Dichloropropene	130	U	130	76
75-27-4	Dichlorobromomethane	130	U	130	21
100-41-4	Ethylbenzene	130	U	130	53
78-93-3	2-Butanone (MEK)	1300	U	1300	150
108-10-1	4-Methyl-2-pentanone (MIBK)	1300	U	1300	120
75-09-2	Methylene Chloride	630	U	630	330
100-42-5	Styrene	130	U	130	56
127-18-4	Tetrachloroethene	130	U	130	55
108-88-3	Toluene	130	U	130	55
156-60-5	trans-1,2-Dichloroethene	130	U	130	64
10061-02-6	trans-1,3-Dichloropropene	130	U	130	84
79-01-6	Trichloroethene	130	U	130	55
75-01-4	Vinyl chloride	120	J	130	56
1330-20-7	Xylenes, Total	250	U	250	53
124-48-1	Chlorodibromomethane	130	U	130	49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042722-SS-015 | Lab Sample ID: 240-165834-16

Matrix: Water | Lab File ID: U1927338.D

Analysis Method: 8260D | Date Collected: 04/27/2022 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 13:20

Soil Aliquot Vol: | Dilution Factor: 125

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927338.D
Lims ID: 240-165834-B-16
Client ID: GW-042722-SS-015
Sample Type: Client
Inject. Date: 06-May-2022 13:20:09 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 125.0000
Sample Info: 240-0118300-013
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 11:59:28 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:04:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	797597	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	575990	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	271869	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	93	216994	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	267820	20.4	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	721474	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	241268	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	96	14018	1.00	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	6	3067	0.2071	
22 Acetone	43	3.566	3.566	0.000	98	12095	0.2852	
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	7
35 1,1-Dichloroethane	63	4.538	4.538	0.000	89	2727	0.1544	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	311273	25.5	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	7
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

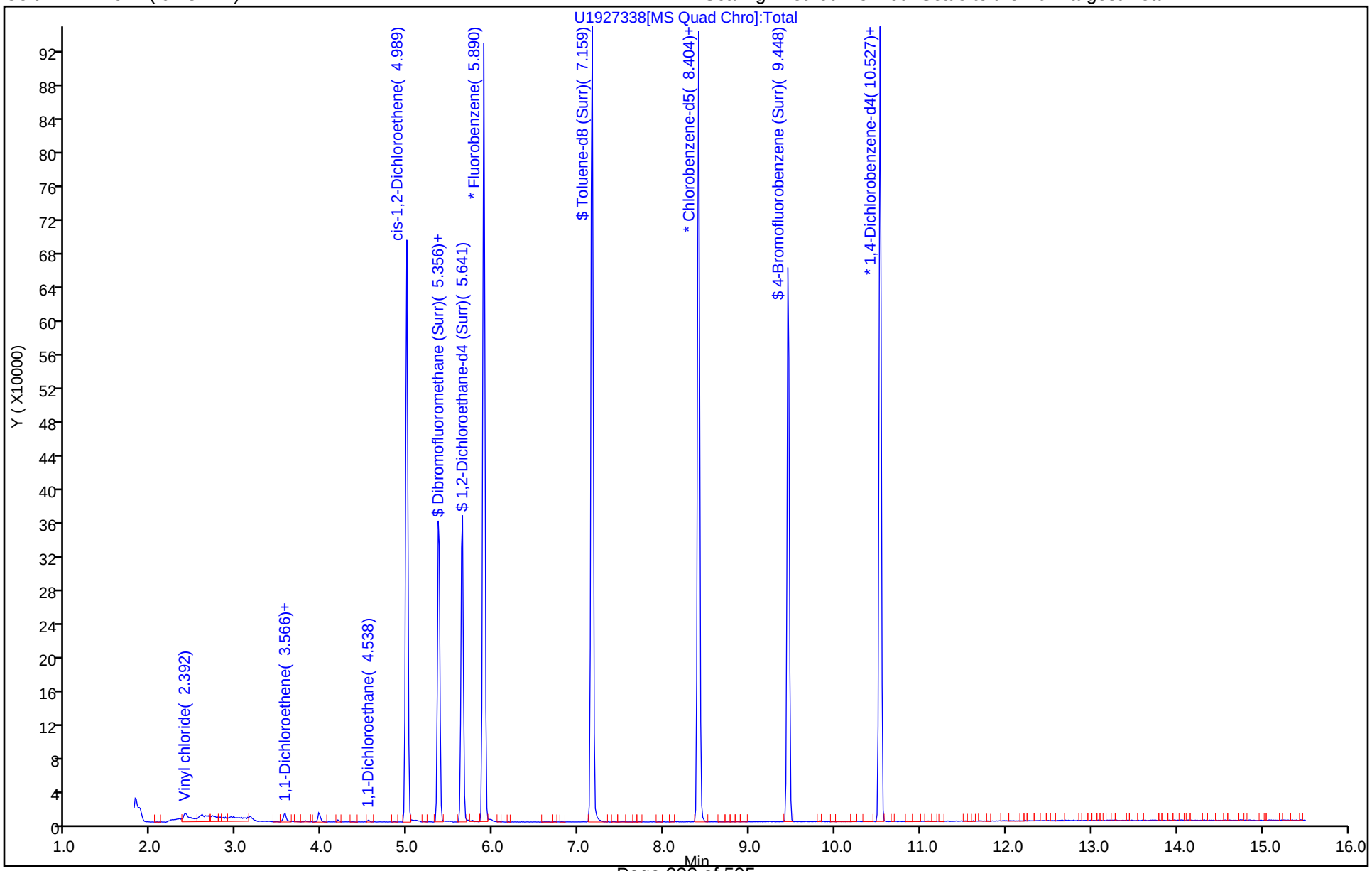
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927338.D

Injection Date:	06-May-2022 13:20:09	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-16	Lab Sample ID:	240-165834-16	Worklist Smp#:	13
Client ID:	GW-042722-SS-015				
Purge Vol:	5.000 mL	Dil. Factor:	125.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927338.D				
Lims ID:	240-165834-B-16				
Client ID:	GW-042722-SS-015				
Sample Type:	Client				
Inject. Date:	06-May-2022 13:20:09	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Sample Info:	240-0118300-013				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 11:59:28	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
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Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 14:04:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	11623.59
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.4	12763.63
$ 6 Toluene-d8 (Surr)	20.0	20.6	12874.84
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	11713.04

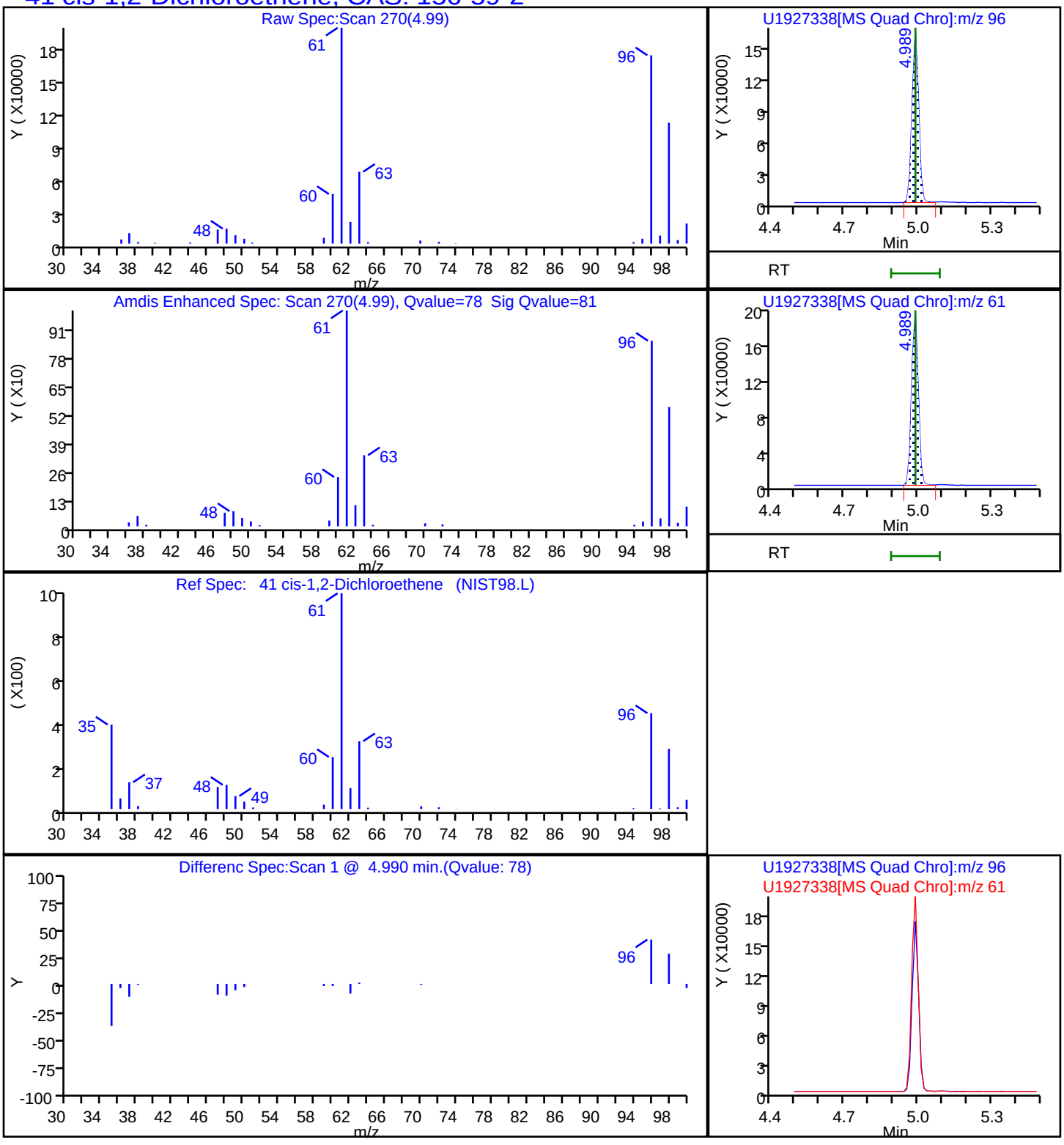
Report Date: 06-May-2022 14:04:26 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927338.D

Injection Date:	06-May-2022 13:20:09	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-16	Lab Sample ID:	240-165834-16		
Client ID:	GW-042722-SS-015				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



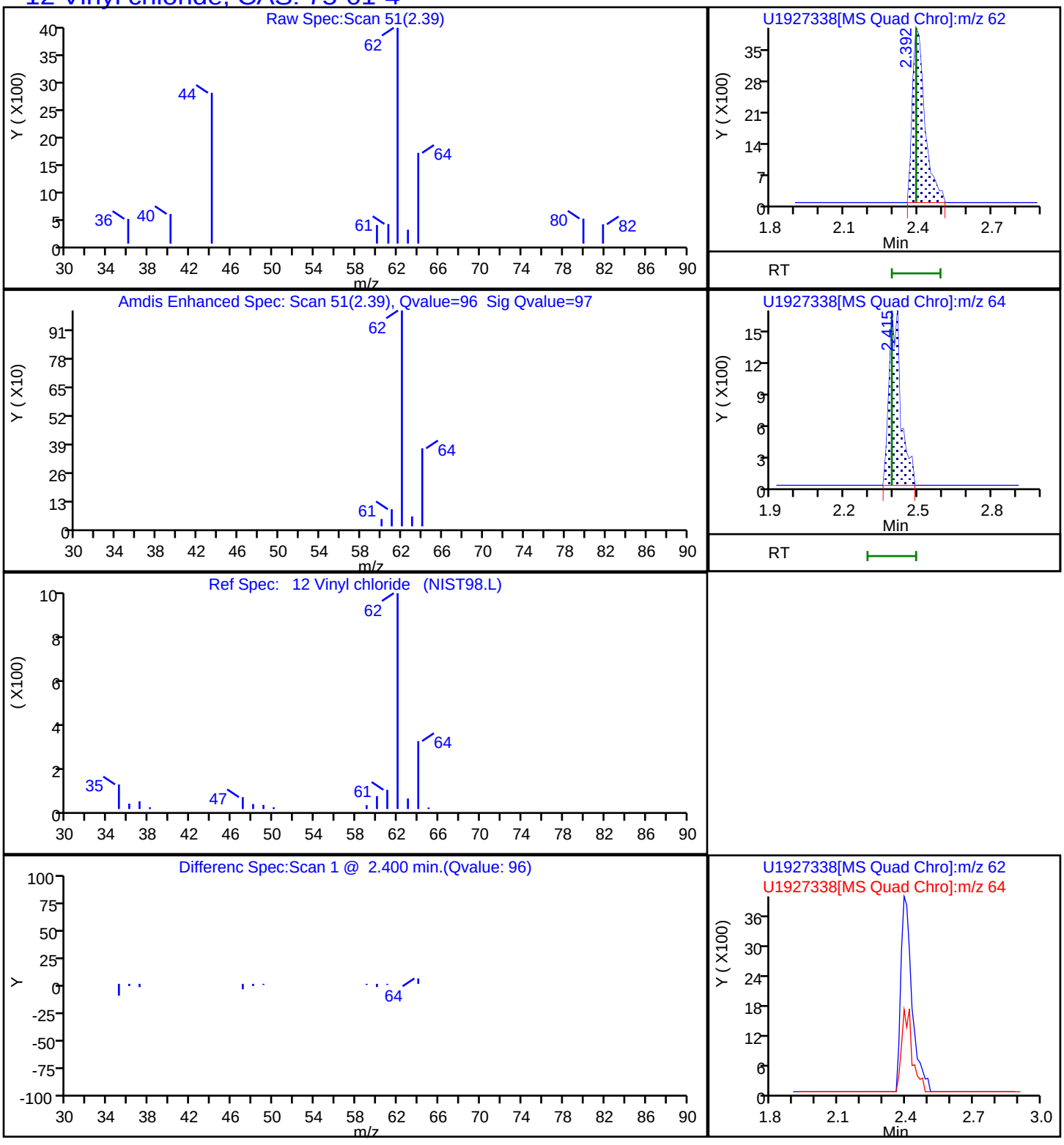
Report Date: 06-May-2022 14:04:26 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927338.D

Injection Date:	06-May-2022 13:20:09	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-16	Lab Sample ID:	240-165834-16		
Client ID:	GW-042722-SS-015				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	125.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

12 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 | Lab Sample ID: 240-165834-17

Matrix: Water | Lab File ID: U1927339.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 13:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	120		100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	100	U	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	2500		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	100	U	100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	1900		100	44
75-01-4	Vinyl chloride	100	U	100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 | Lab Sample ID: 240-165834-17

Matrix: Water | Lab File ID: U1927339.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 13:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927339.D
Lims ID: 240-165834-B-17
Client ID: GW-042822-SS-016
Sample Type: Client
Inject. Date: 06-May-2022 13:42:29 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-014
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 14:05:15 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:05:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	767901	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	555313	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	262435	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	210882	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	256870	20.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	695062	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	236254	19.0	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	91	2870	0.2013	
22 Acetone	43	3.566	3.566	0.000	100	13014	0.6471	
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.195	4.183	0.012	92	3029	0.2191	
35 1,1-Dichloroethane	63		4.538				ND	7
40 2-Butanone (MEK)	72		4.953				ND	U
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	298631	25.4	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.404	5.392	0.012	97	19064	1.17	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	214244	18.6	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

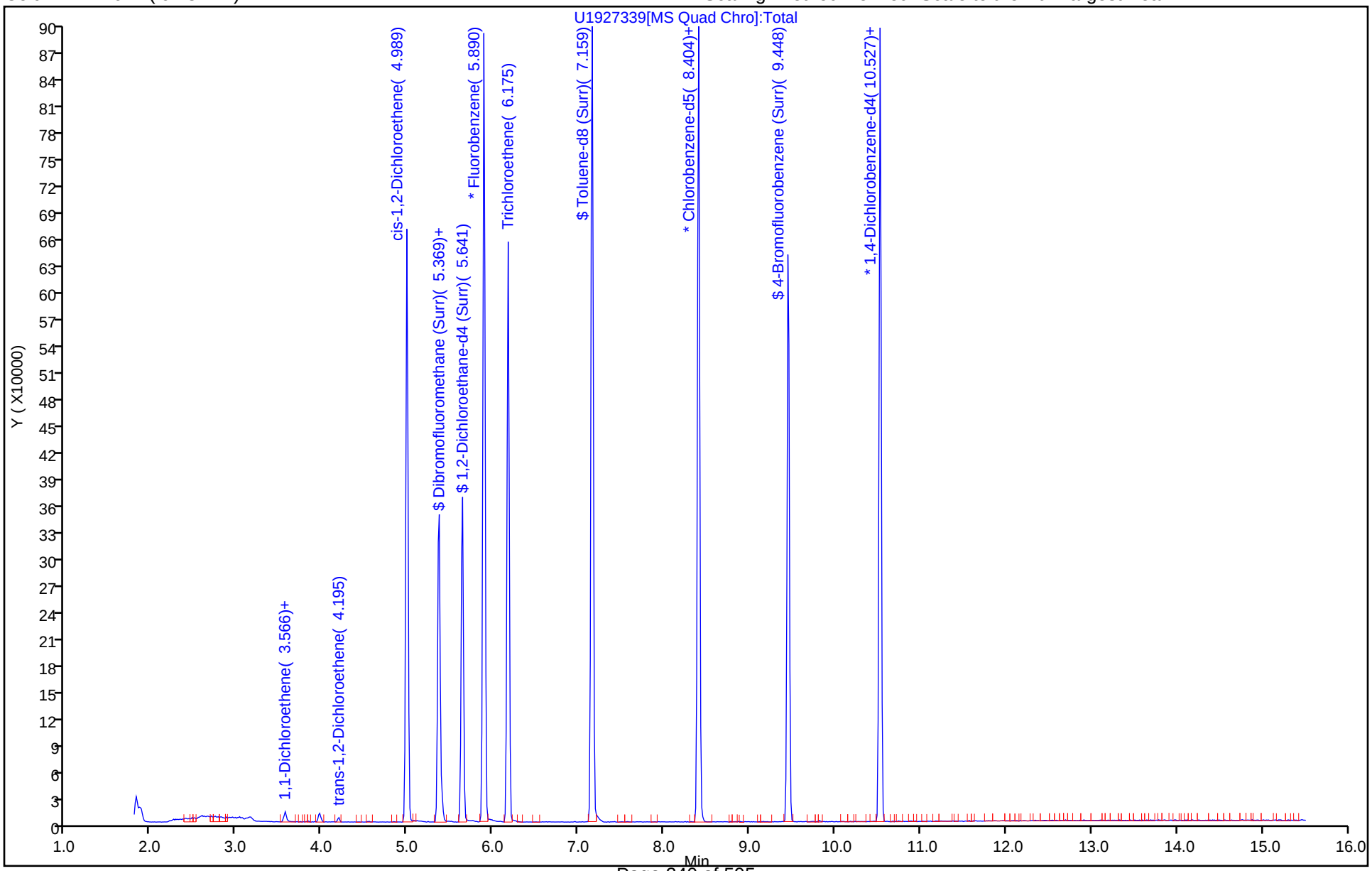
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927339.D

Injection Date:	06-May-2022 13:42:29	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-17	Lab Sample ID:	240-165834-17	Worklist Smp#:	14
Client ID:	GW-042822-SS-016				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Report Date: 06-May-2022 14:05:16 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927339.D
Lims ID: 240-165834-B-17
Client ID: GW-042822-SS-016
Sample Type: Client
Inject. Date: 06-May-2022 13:42:29 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-014
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 14:05:15 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:05:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	9386.43
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.3	10172.15
$ 6 Toluene-d8 (Surr)	20.0	20.6	10292.28
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.0	9517.35

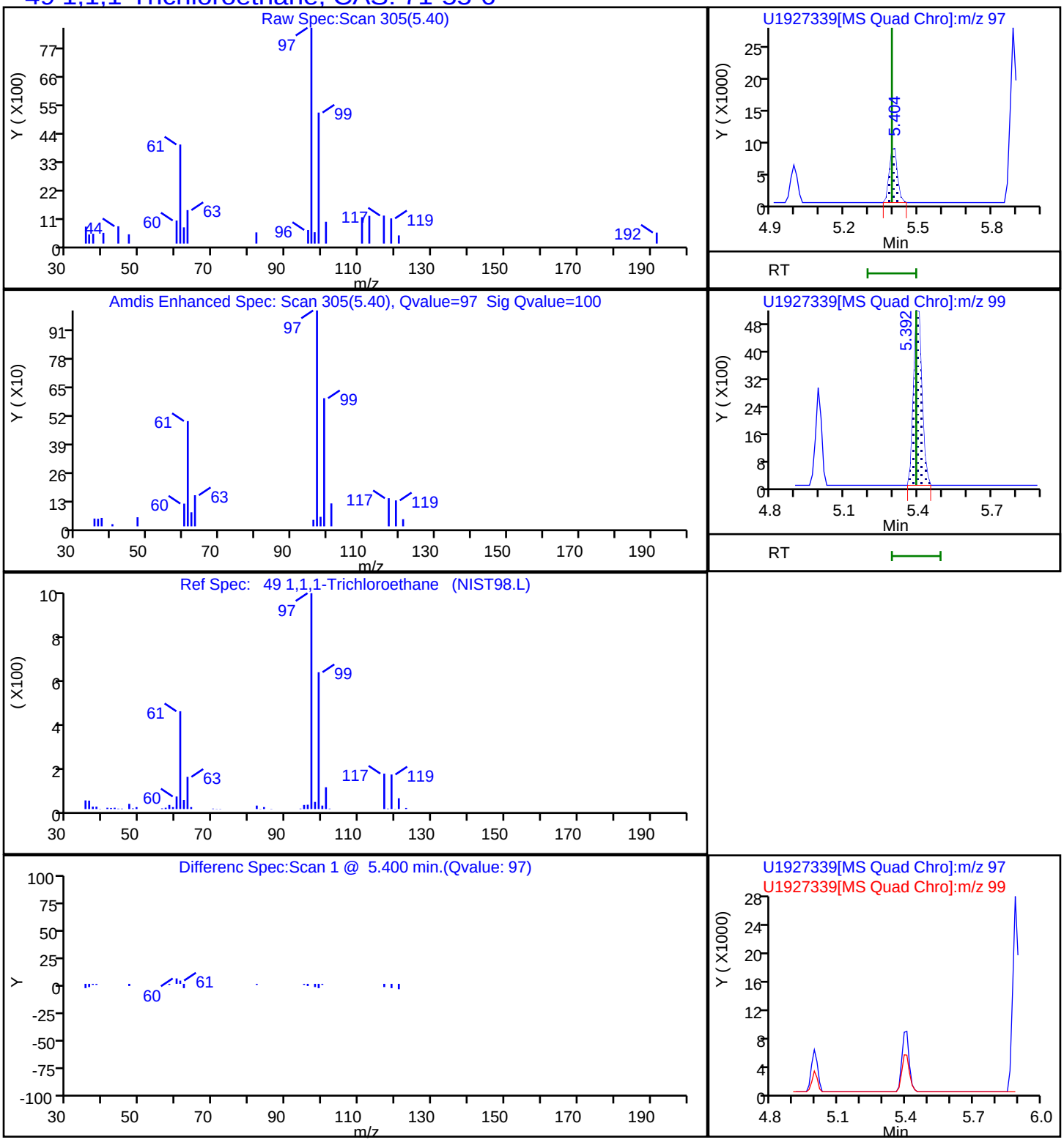
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Eurofins Canton

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Injection Date:	06-May-2022 13:42:29	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-17	Lab Sample ID:	240-165834-17		
Client ID:	GW-042822-SS-016				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

49 1,1,1-Trichloroethane, CAS: 71-55-6



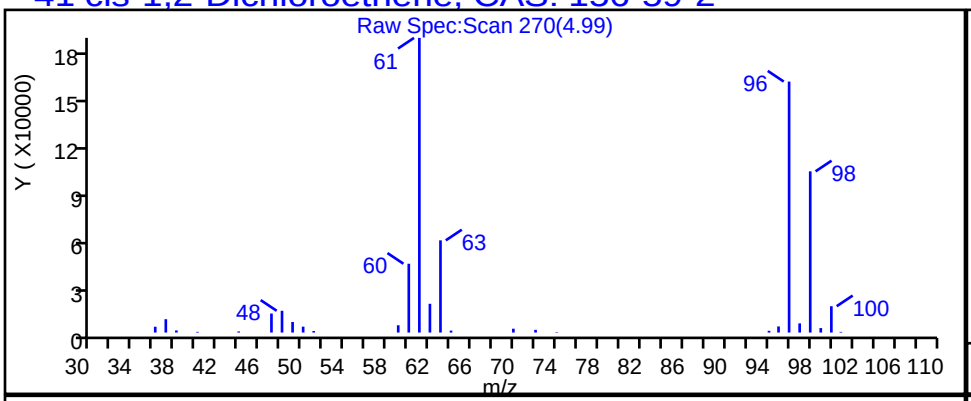
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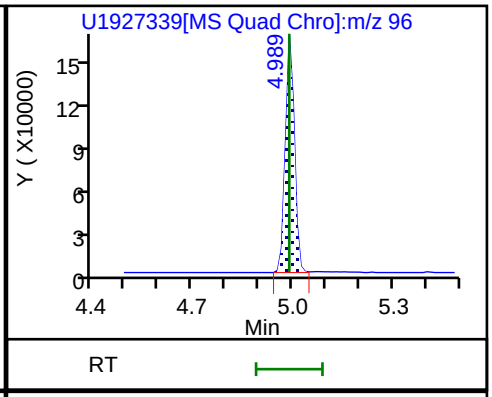
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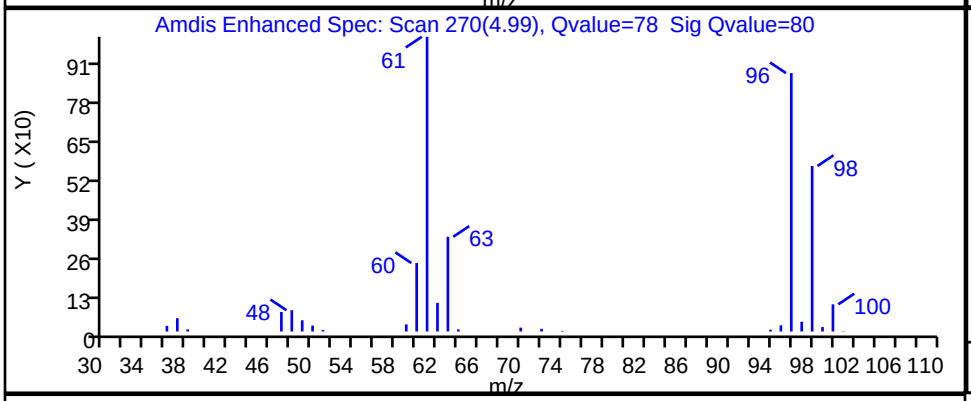
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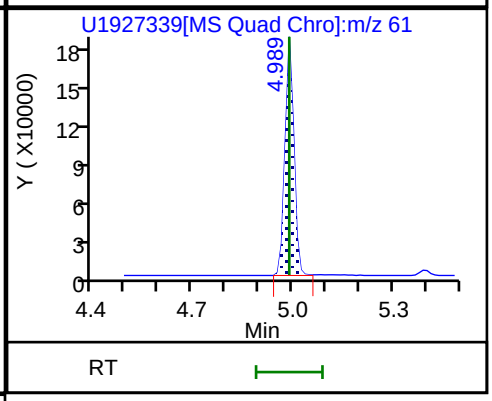
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Lims ID:	240-165834-B-17	Lab Sample ID:	240-165834-17		
Client ID:	GW-042822-SS-016				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

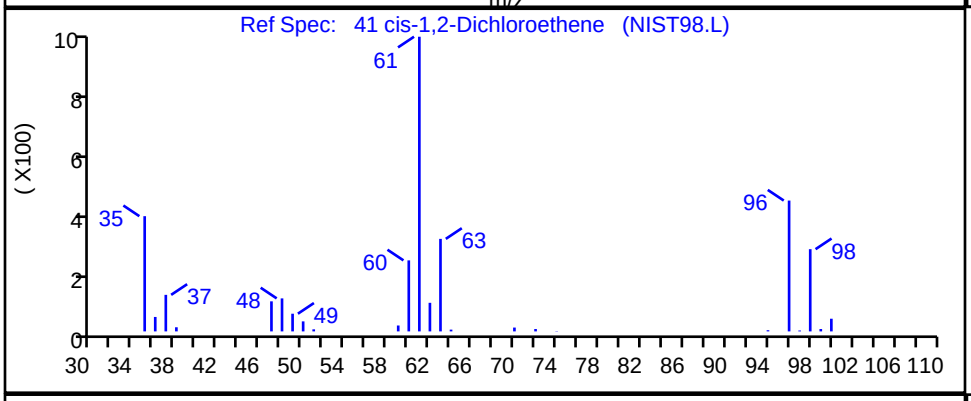
41 cis-1,2-Dichloroethene, CAS: 156-59-2

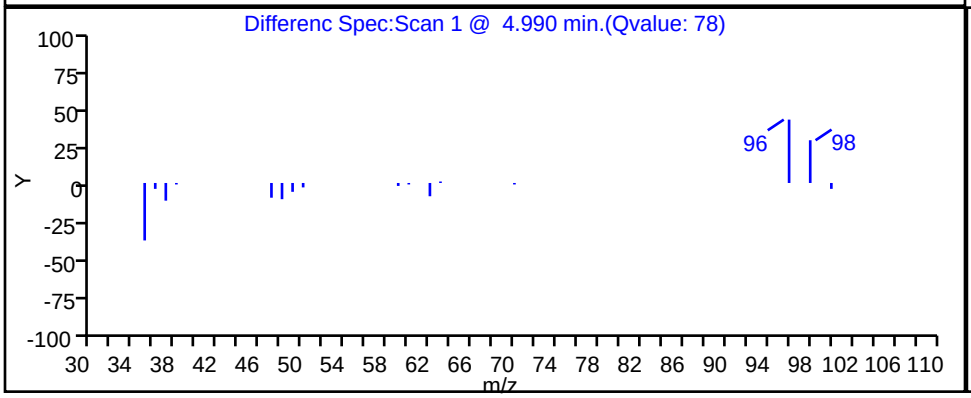


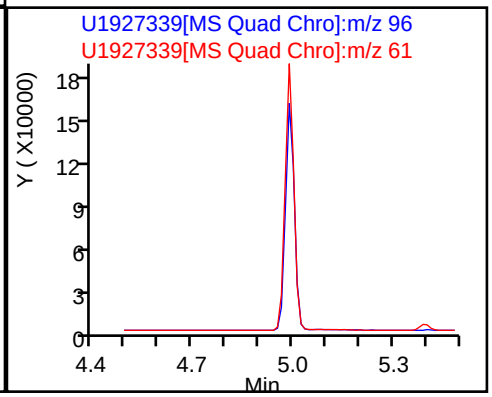












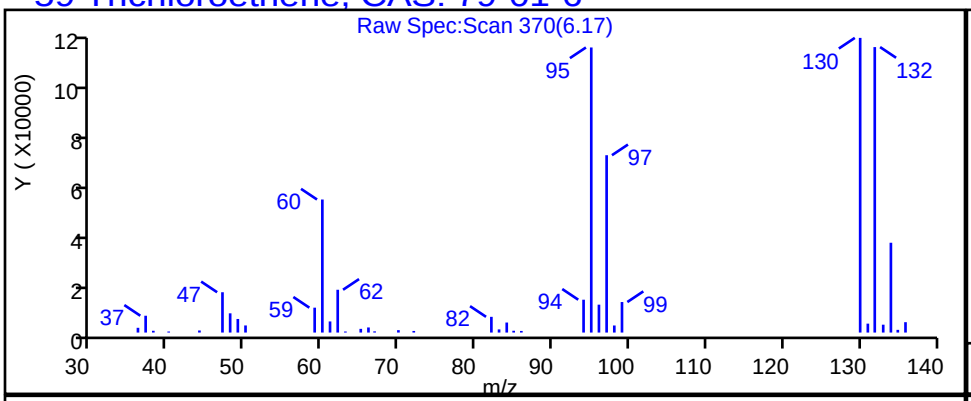
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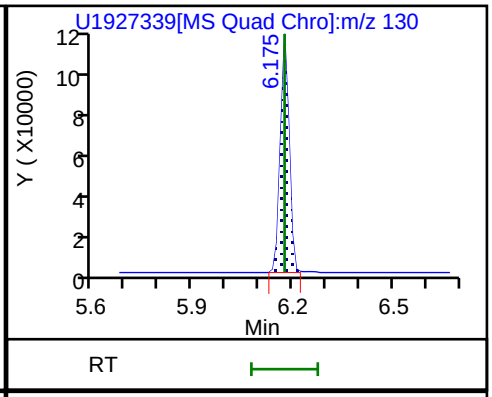
Eurofins Canton

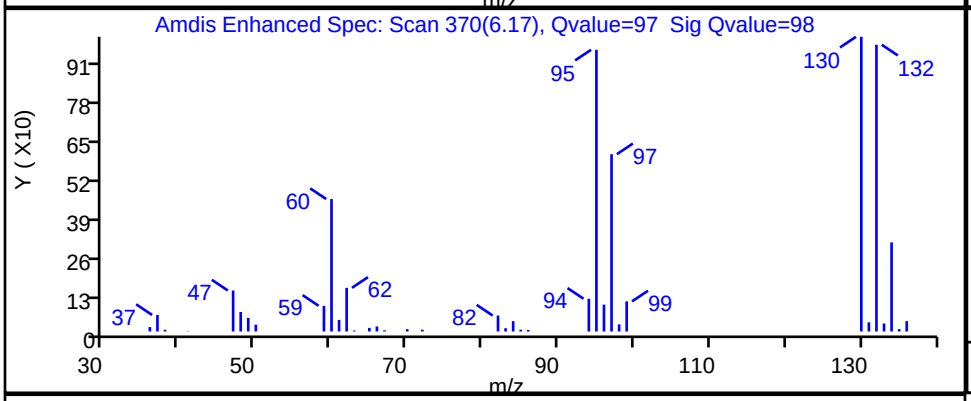
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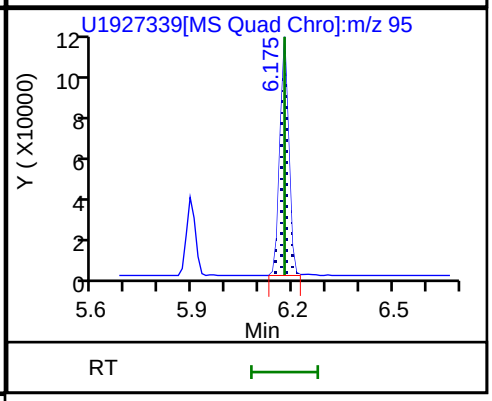
Injection Date:	06-May-2022 13:42:29	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-17	Lab Sample ID:	240-165834-17		
Client ID:	GW-042822-SS-016				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

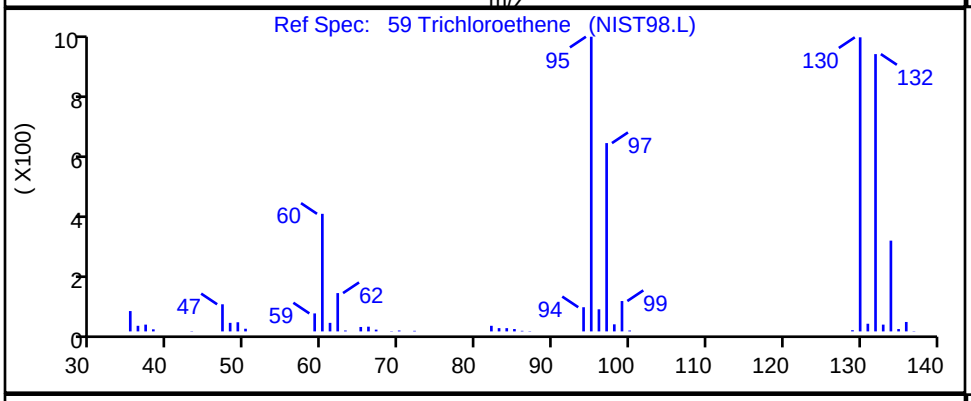
59 Trichloroethene, CAS: 79-01-6

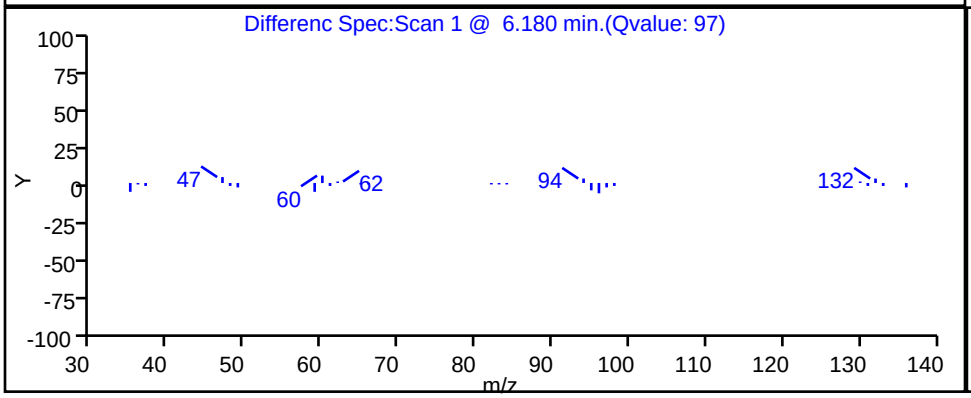


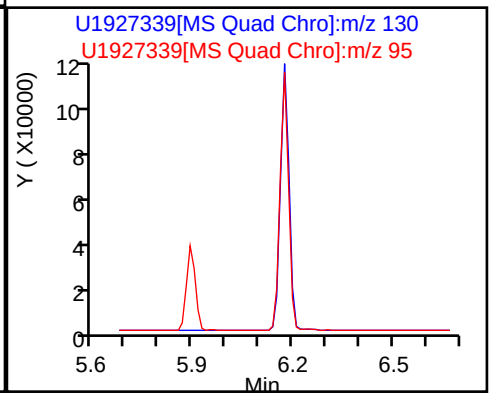












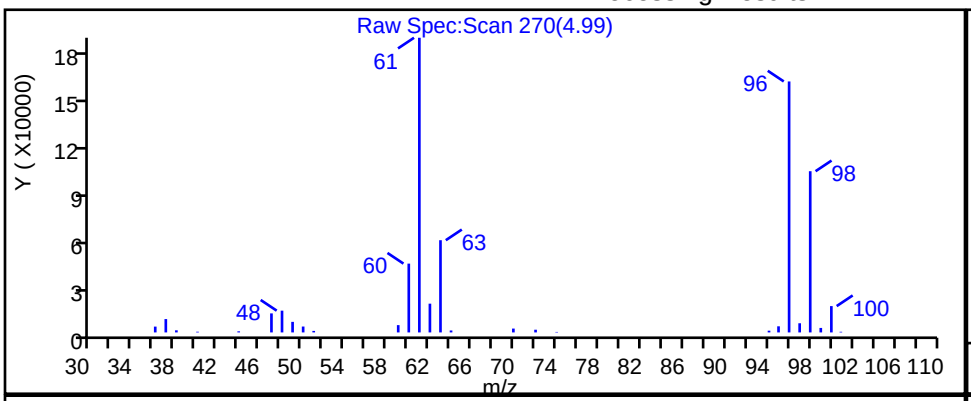
User Disabled Compound Report

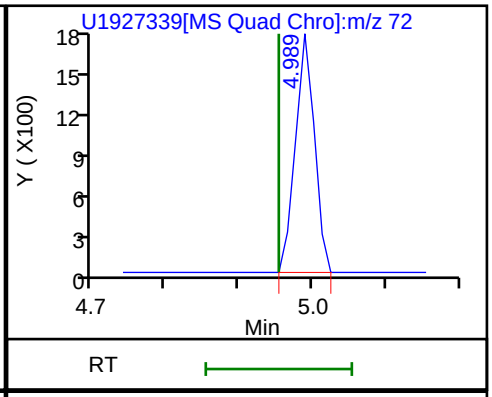
Eurofins Canton

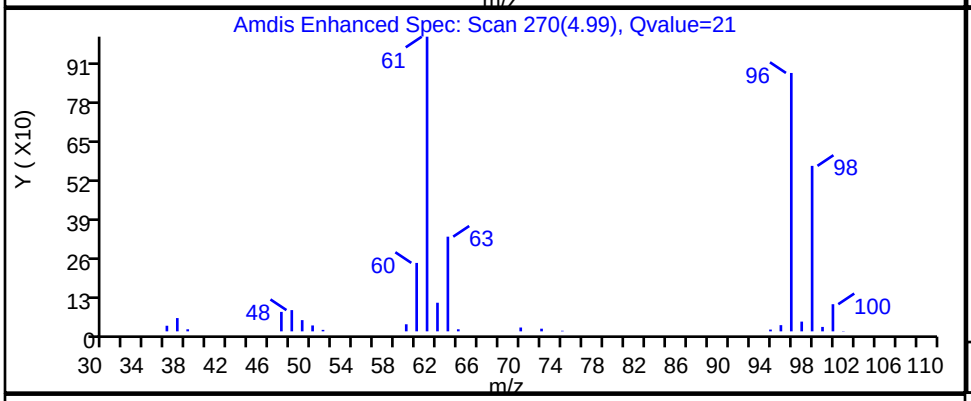
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Injection Date:	06-May-2022 13:42:29	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-17	Lab Sample ID:	240-165834-17		
Client ID:	GW-042822-SS-016				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

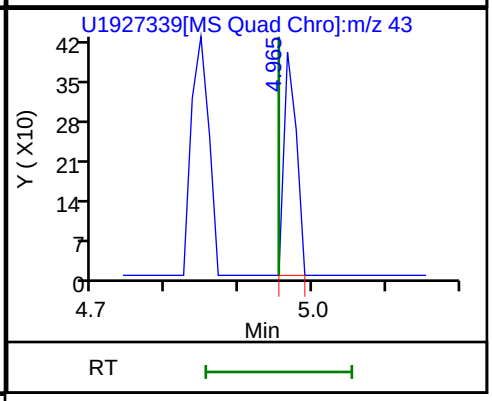
40 2-Butanone (MEK), CAS: 78-93-3

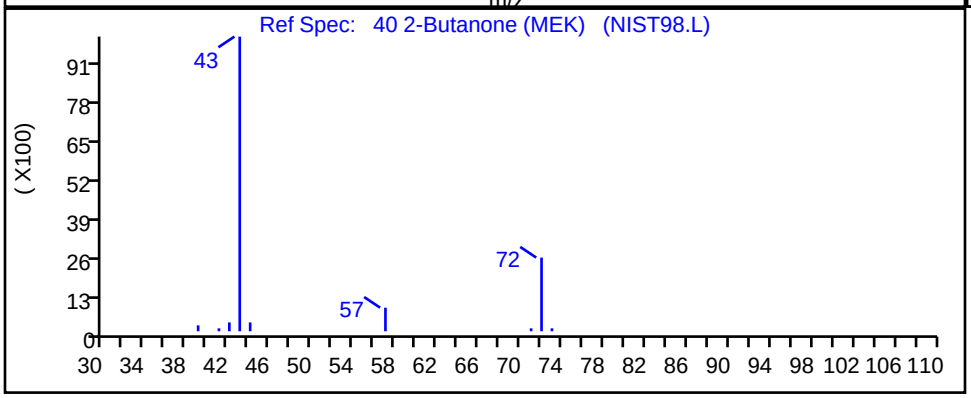
Processing Results











RT	Mass	Response	Amount
4.99	72.00	3141	1.634026
4.97	43.00	473	

Reviewer: laveyt, 06-May-2022 14:04:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-017 | Lab Sample ID: 240-165834-18

Matrix: Water | Lab File ID: U1927340.D

Analysis Method: 8260D | Date Collected: 04/28/2022 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	22		10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	0.67	J	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	2.9	J	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-017 | Lab Sample ID: 240-165834-18

Matrix: Water | Lab File ID: U1927340.D

Analysis Method: 8260D | Date Collected: 04/28/2022 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927340.D
Lims ID: 240-165834-A-18
Client ID: GW-042822-SS-017
Sample Type: Client
Inject. Date: 06-May-2022 14:04:49 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-015
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 14:22:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:22:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	765460	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	564506	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	278478	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	207781	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	249062	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	694027	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	244026	19.3	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	U
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	7
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43	3.566	3.566	0.000	100	93790	22.1	
25 Carbon disulfide	76	3.756	3.756	0.000	94	3645	0.1444	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	5493	2.87	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	7812	0.6664	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	82	1323	0.1155	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43	7.705	7.705	0.000	93	2999	0.3961	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

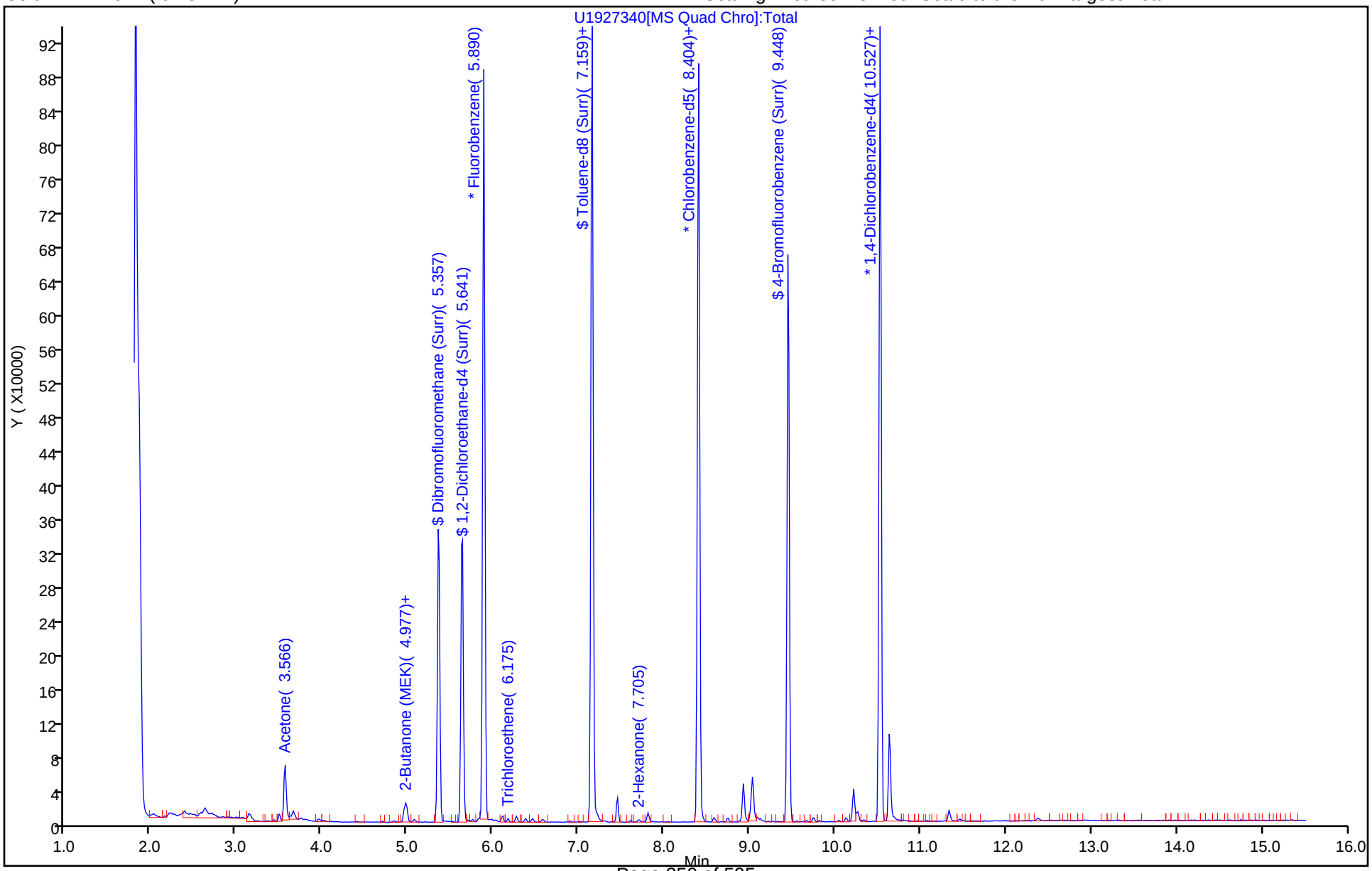
Report Date: 06-May-2022 14:22:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927340.D

Injection Date:	06-May-2022 14:04:49	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-A-18	Lab Sample ID:	240-165834-18	Worklist Smp#:	15
Client ID:	GW-042822-SS-017				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927340.D				
Lims ID:	240-165834-A-18				
Client ID:	GW-042822-SS-017				
Sample Type:	Client				
Inject. Date:	06-May-2022 14:04:49	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118300-015				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 14:22:21	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1615				

First Level Reviewer: laveyt Date: 06-May-2022 14:22:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	92.78
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	98.94
$ 6 Toluene-d8 (Surr)	20.0	20.2	101.10
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.3	96.70

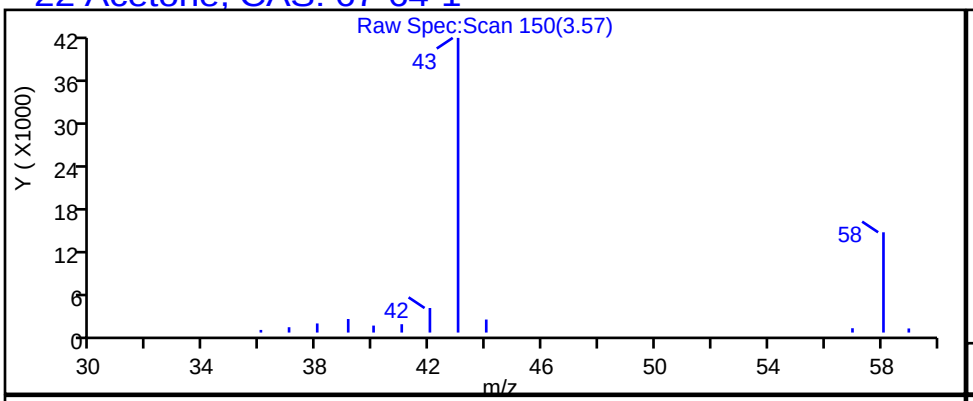
Report Date: 06-May-2022 14:22:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

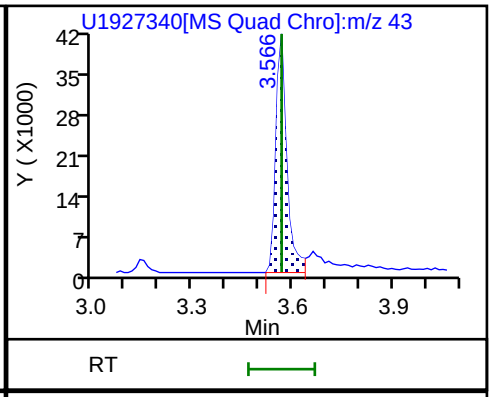
Eurofins Canton

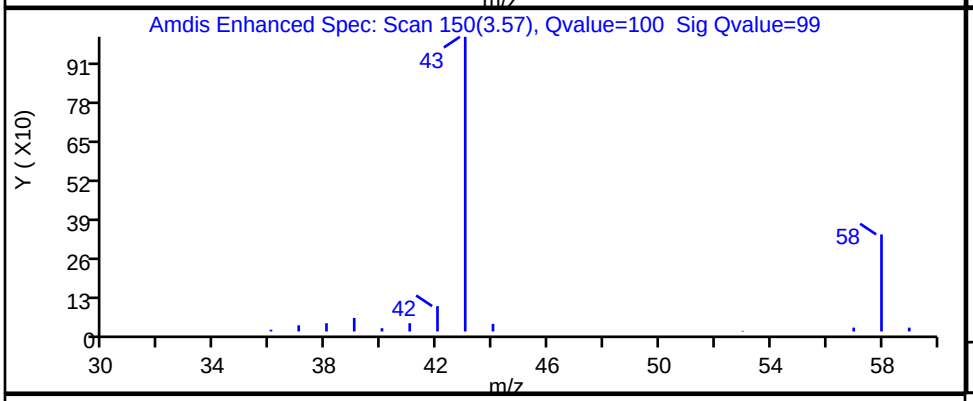
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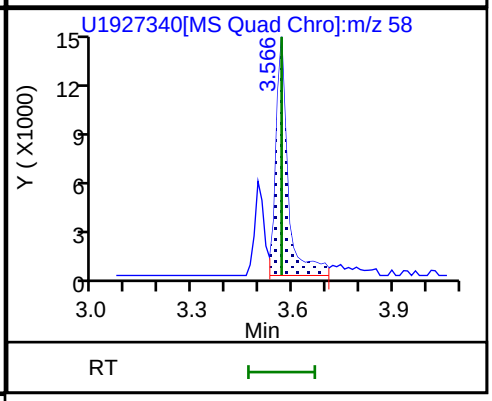
Injection Date:	06-May-2022 14:04:49	Instrument ID:	A3UX19		
Lims ID:	240-165834-A-18	Lab Sample ID:	240-165834-18		
Client ID:	GW-042822-SS-017				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

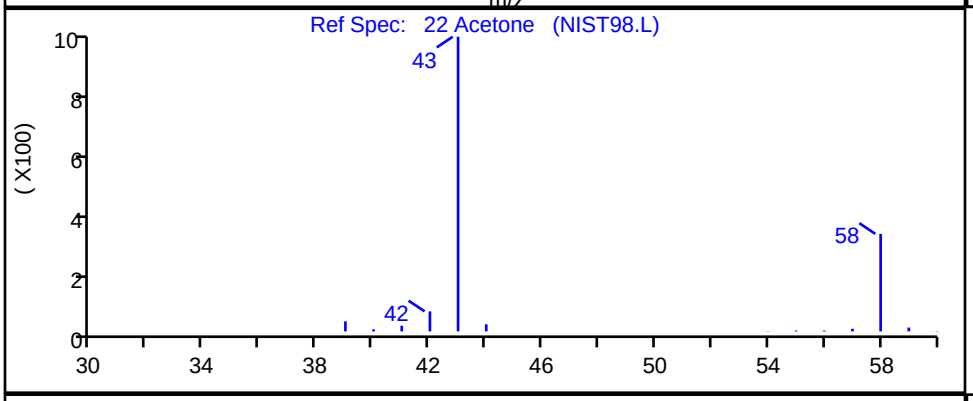
22 Acetone, CAS: 67-64-1

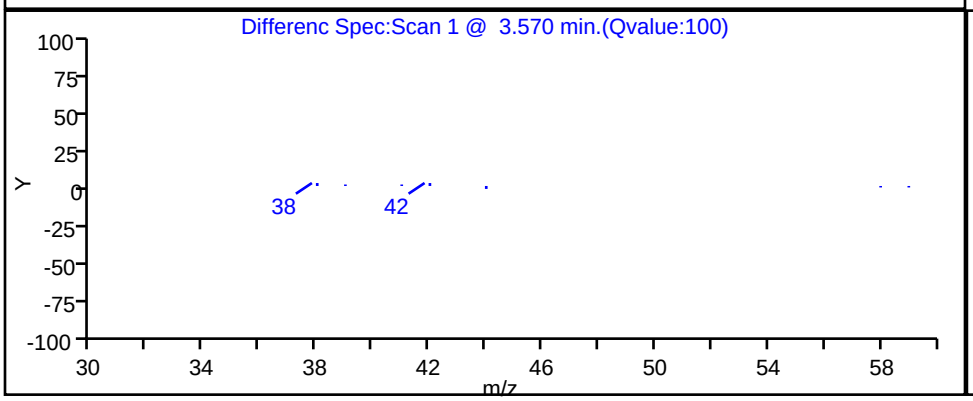


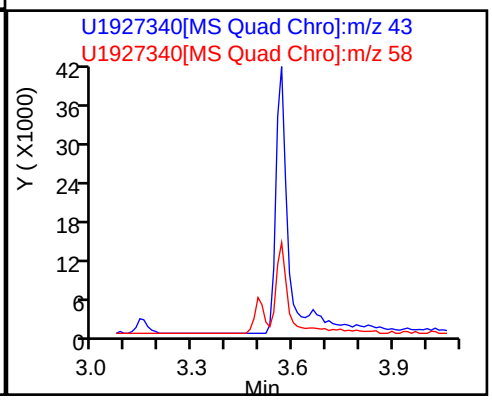












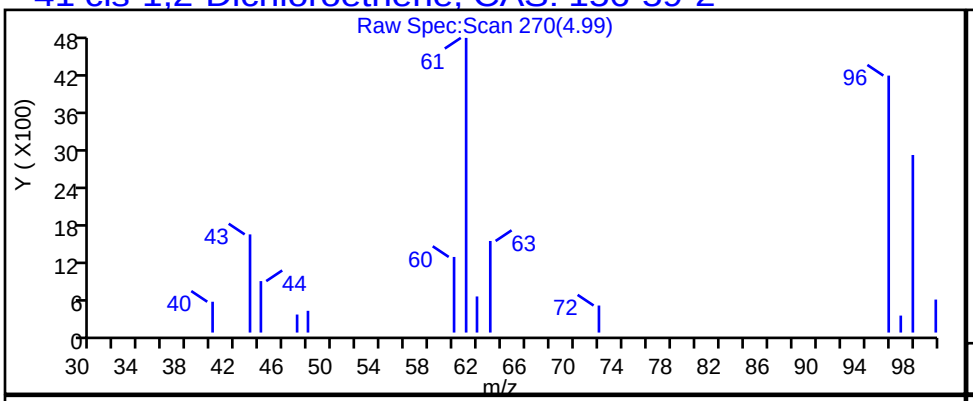
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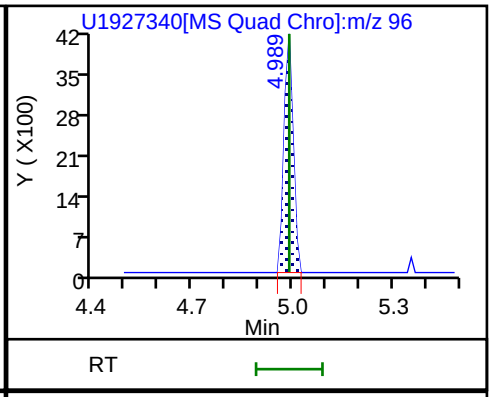
Eurofins Canton

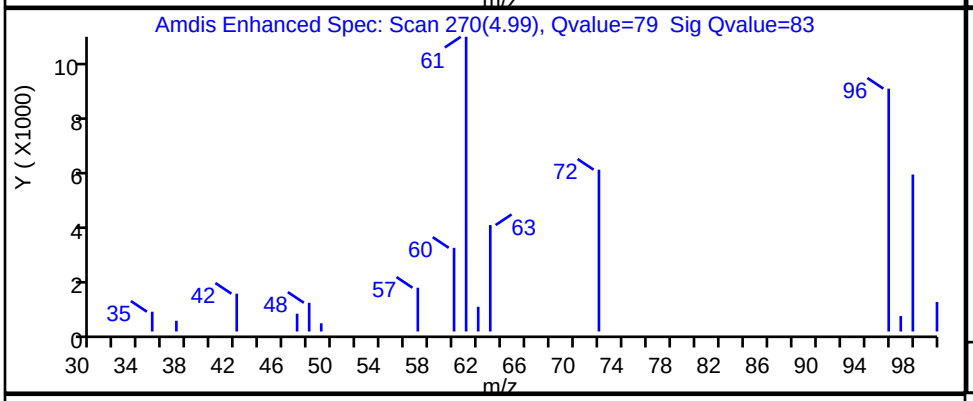
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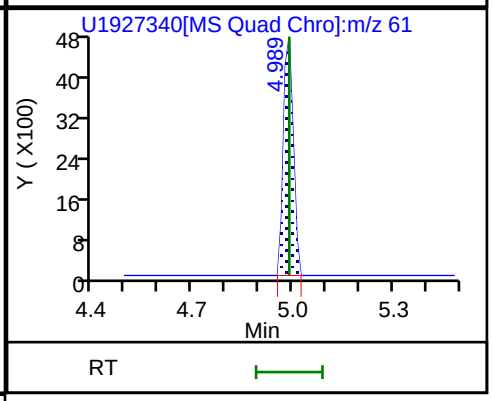
Injection Date:	06-May-2022 14:04:49	Instrument ID:	A3UX19		
Lims ID:	240-165834-A-18	Lab Sample ID:	240-165834-18		
Client ID:	GW-042822-SS-017				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

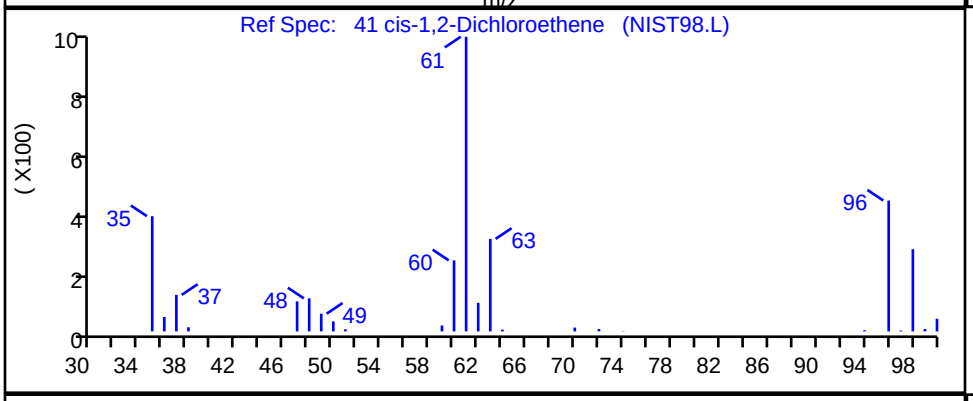
41 cis-1,2-Dichloroethene, CAS: 156-59-2

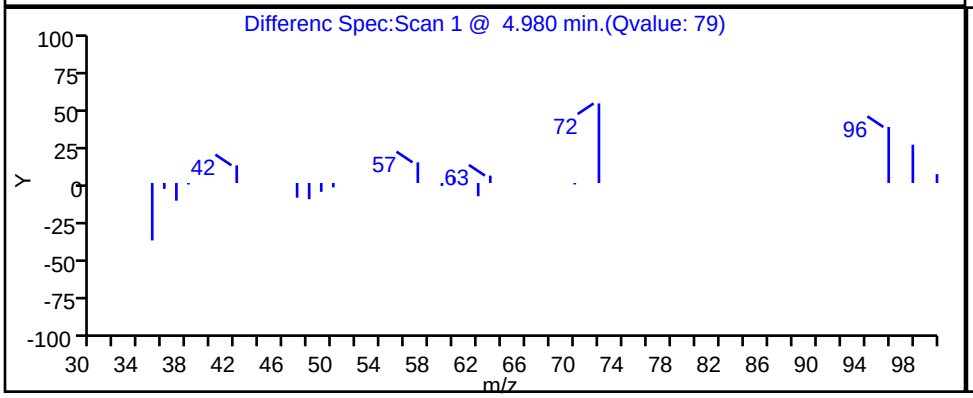


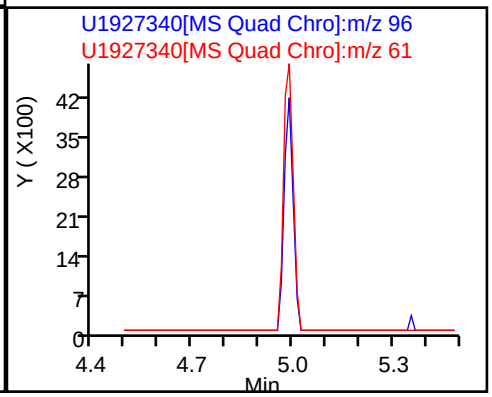












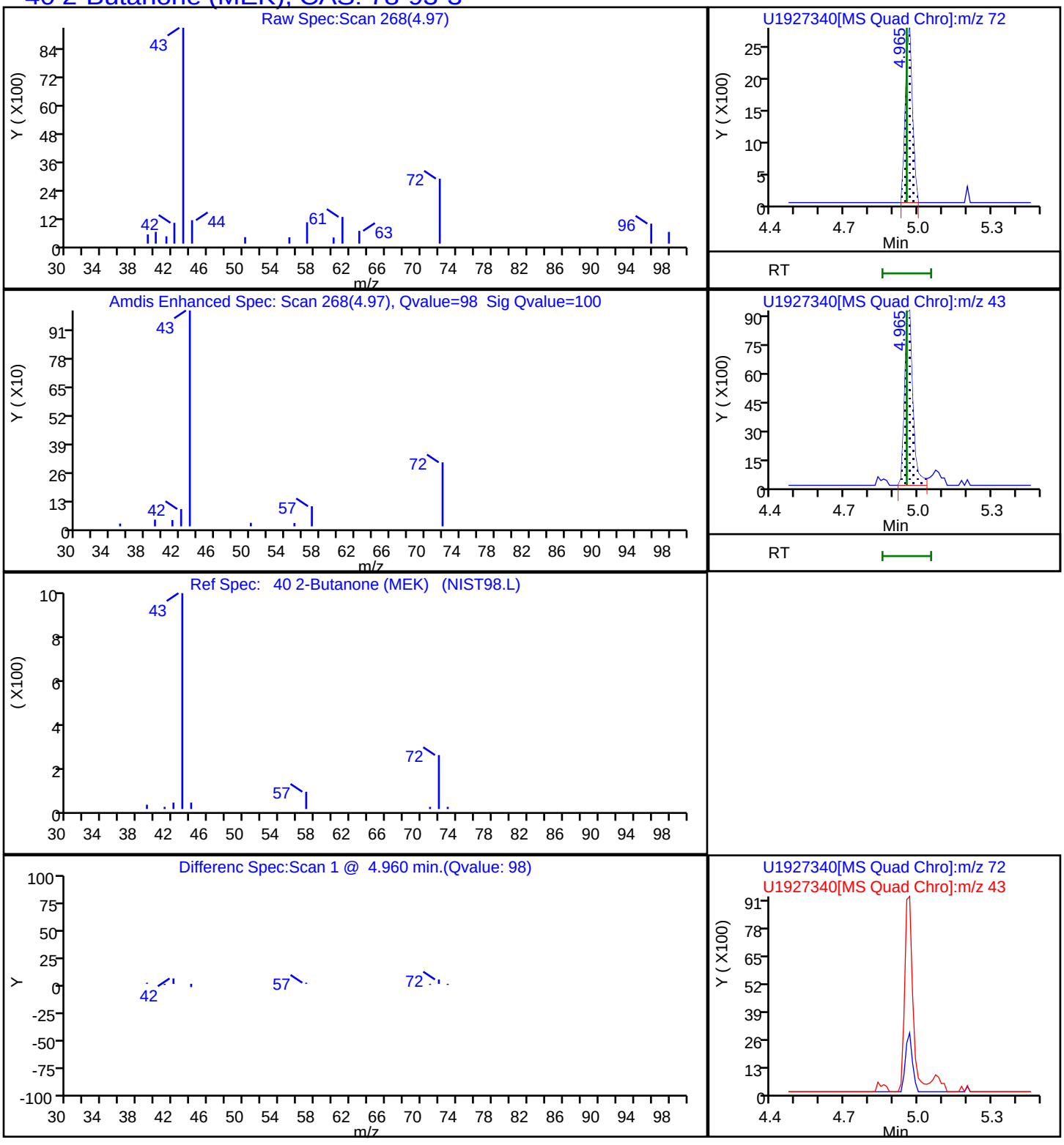
Report Date: 06-May-2022 14:22:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927340.D

Injection Date:	06-May-2022 14:04:49	Instrument ID:	A3UX19		
Lims ID:	240-165834-A-18	Lab Sample ID:	240-165834-18		
Client ID:	GW-042822-SS-017				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

40 2-Butanone (MEK), CAS: 78-93-3



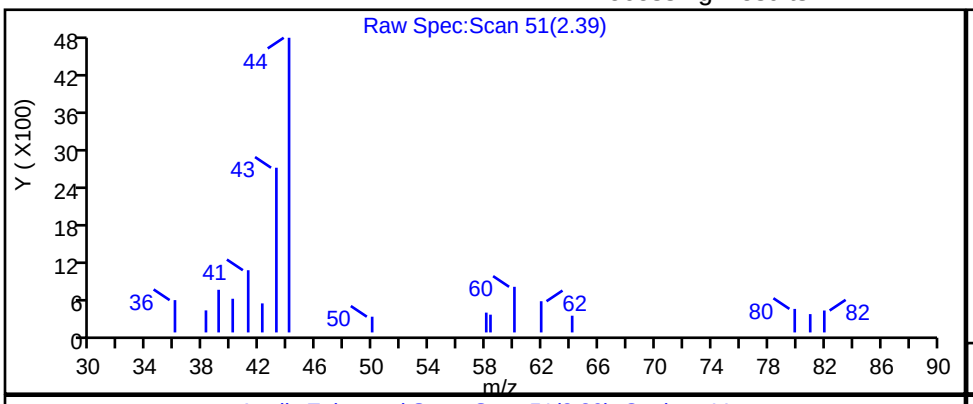
User Disabled Compound Report

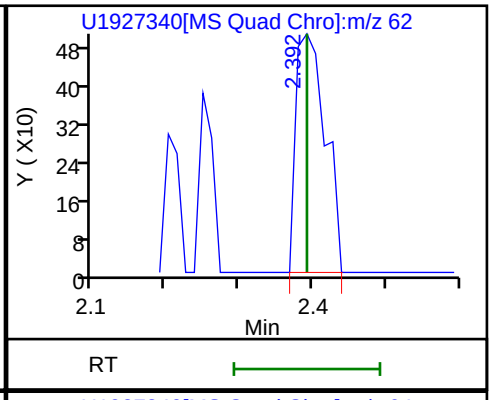
Eurofins Canton

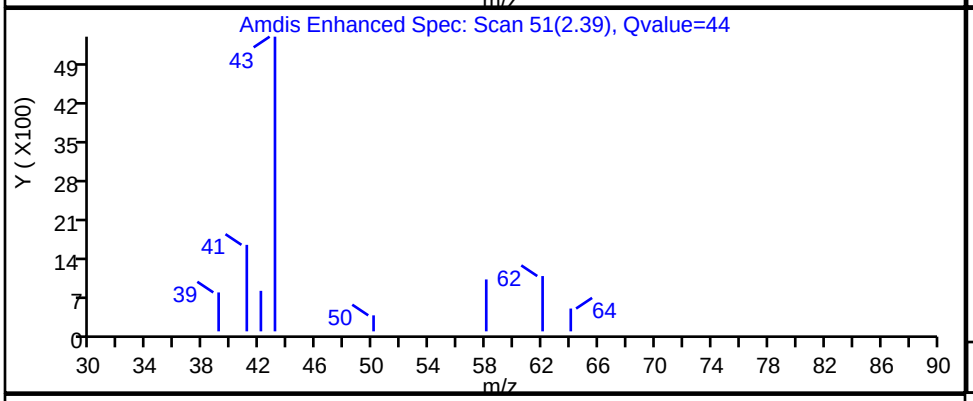
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927340.D				
Injection Date:	06-May-2022 14:04:49	Instrument ID:	A3UX19		
Lims ID:	240-165834-A-18	Lab Sample ID:	240-165834-18		
Client ID:	GW-042822-SS-017				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

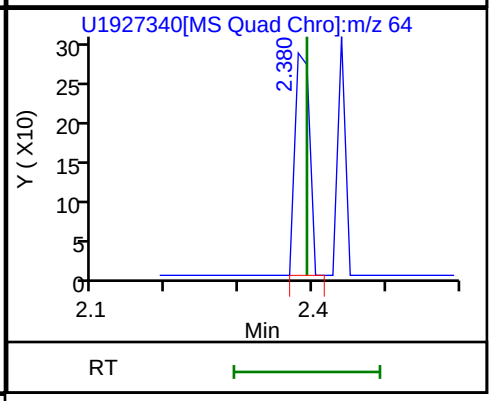
12 Vinyl chloride, CAS: 75-01-4

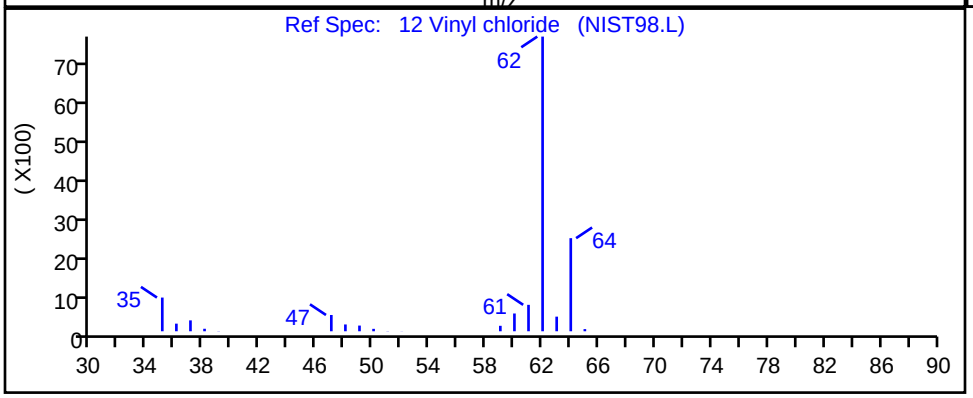
Processing Results











RT	Mass	Response	Amount
2.39	62.00	1413	0.104600
2.38	64.00	395	

Reviewer: laveyt, 06-May-2022 14:22:16

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-018 | Lab Sample ID: 240-165834-19

Matrix: Water | Lab File ID: U1927344.D

Analysis Method: 8260D | Date Collected: 04/28/2022 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-018 | Lab Sample ID: 240-165834-19

Matrix: Water | Lab File ID: U1927344.D

Analysis Method: 8260D | Date Collected: 04/28/2022 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927344.D
Lims ID: 240-165834-B-19
Client ID: GW-042822-SS-018
Sample Type: Client
Inject. Date: 06-May-2022 15:34:06 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-019
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	773654	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	569216	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	272993	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	210732	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	253997	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	709975	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	237563	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

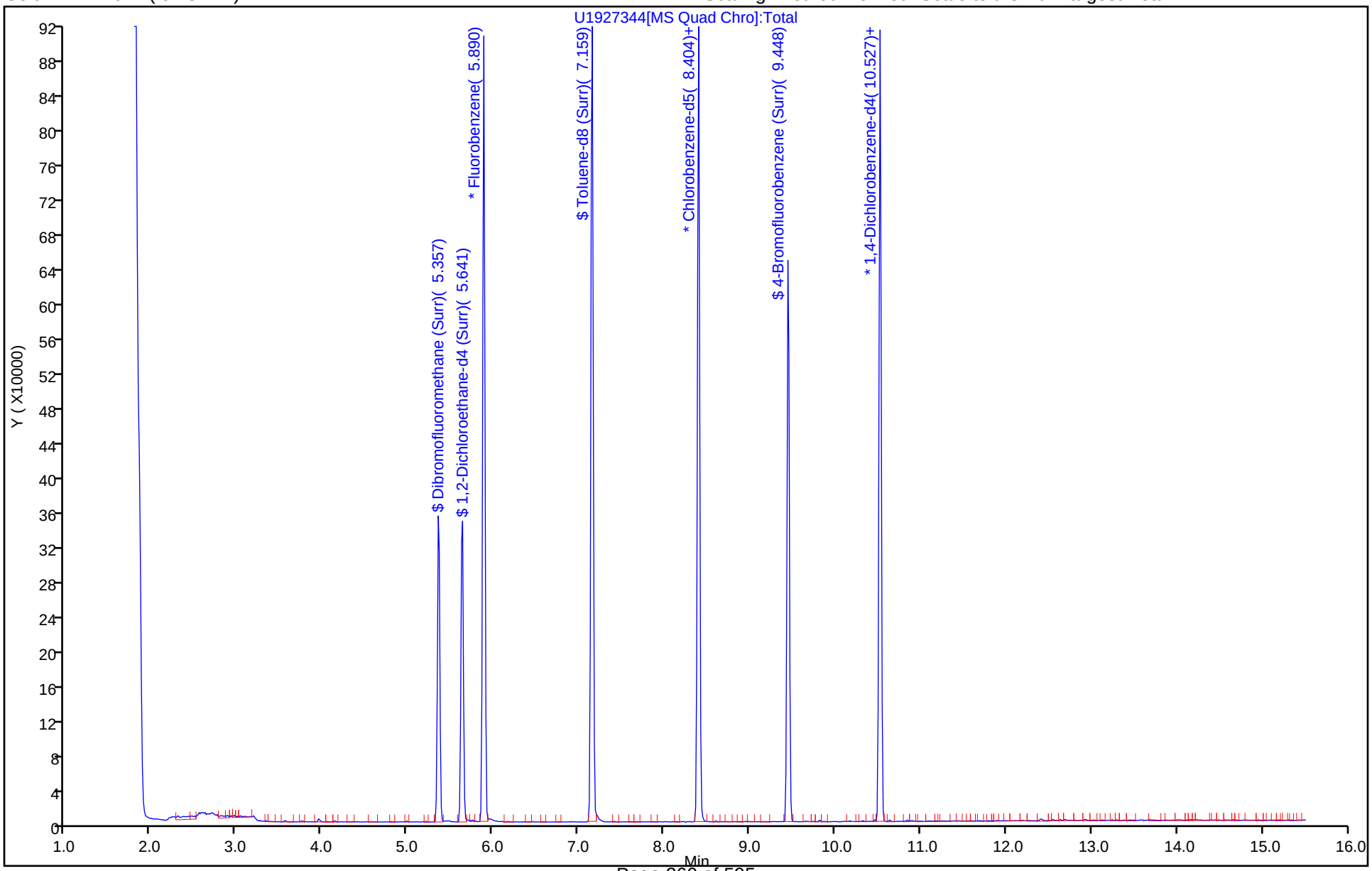
Report Date: 09-May-2022 07:56:52 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927344.D

Injection Date:	06-May-2022 15:34:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-19	Lab Sample ID:	240-165834-19	Worklist Smp#:	19
Client ID:	GW-042822-SS-018				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927344.D				
Lims ID:	240-165834-B-19				
Client ID:	GW-042822-SS-018				
Sample Type:	Client				
Inject. Date:	06-May-2022 15:34:06	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118300-019				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 18:41:16	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1607				

First Level Reviewer: laveyt Date: 09-May-2022 07:56:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	93.10
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	99.84
$ 6 Toluene-d8 (Surr)	20.0	20.5	102.56
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	93.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-019 | Lab Sample ID: 240-165834-20

Matrix: Water | Lab File ID: U1927345.D

Analysis Method: 8260D | Date Collected: 04/28/2022 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 15:56

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	400		400	190
79-34-5	1,1,2,2-Tetrachloroethane	400	U	400	240
79-00-5	1,1,2-Trichloroethane	400	U	400	190
75-34-3	1,1-Dichloroethane	270	J	400	190
75-35-4	1,1-Dichloroethene	400	U	400	200
107-06-2	1,2-Dichloroethane	400	U	400	84
78-87-5	1,2-Dichloropropane	400	U	400	190
591-78-6	2-Hexanone	4000	U	4000	440
67-64-1	Acetone	4000	U	4000	2200
71-43-2	Benzene	400	U	400	170
75-25-2	Bromoform	400	U	400	300
74-83-9	Bromomethane	400	U	400	170
75-15-0	Carbon disulfide	400	U	400	240
56-23-5	Carbon tetrachloride	400	U	400	100
108-90-7	Chlorobenzene	400	U	400	150
75-00-3	Chloroethane	400	U	400	330
67-66-3	Chloroform	400	U	400	190
74-87-3	Chloromethane	400	U	400	250
156-59-2	cis-1,2-Dichloroethene	5500		400	180
10061-01-5	cis-1,3-Dichloropropene	400	U	400	240
75-27-4	Dichlorobromomethane	400	U	400	68
100-41-4	Ethylbenzene	400	U	400	170
78-93-3	2-Butanone (MEK)	4000	U	4000	460
108-10-1	4-Methyl-2-pentanone (MIBK)	4000	U	4000	400
75-09-2	Methylene Chloride	2000	U	2000	1000
100-42-5	Styrene	400	U	400	180
127-18-4	Tetrachloroethene	400	U	400	180
108-88-3	Toluene	400	U	400	180
156-60-5	trans-1,2-Dichloroethene	400	U	400	200
10061-02-6	trans-1,3-Dichloropropene	400	U	400	270
79-01-6	Trichloroethene	14000		400	180
75-01-4	Vinyl chloride	400	U	400	180
1330-20-7	Xylenes, Total	800	U	800	170
124-48-1	Chlorodibromomethane	400	U	400	160

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-019 | Lab Sample ID: 240-165834-20

Matrix: Water | Lab File ID: U1927345.D

Analysis Method: 8260D | Date Collected: 04/28/2022 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 15:56

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D
Lims ID: 240-165834-B-20
Client ID: GW-042822-SS-019
Sample Type: Client
Inject. Date: 06-May-2022 15:56:38 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Sample Info: 240-0118300-020
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:57:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	785010	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	565620	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	272107	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	93	212590	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	258140	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	712892	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	240317	19.0	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	72	3630	0.2490	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.195	4.183	0.012	94	2130	0.1507	
35 1,1-Dichloroethane	63	4.539	4.538	0.000	95	11733	0.6752	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	166228	13.8	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	16661	1.00	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	422309	35.9	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

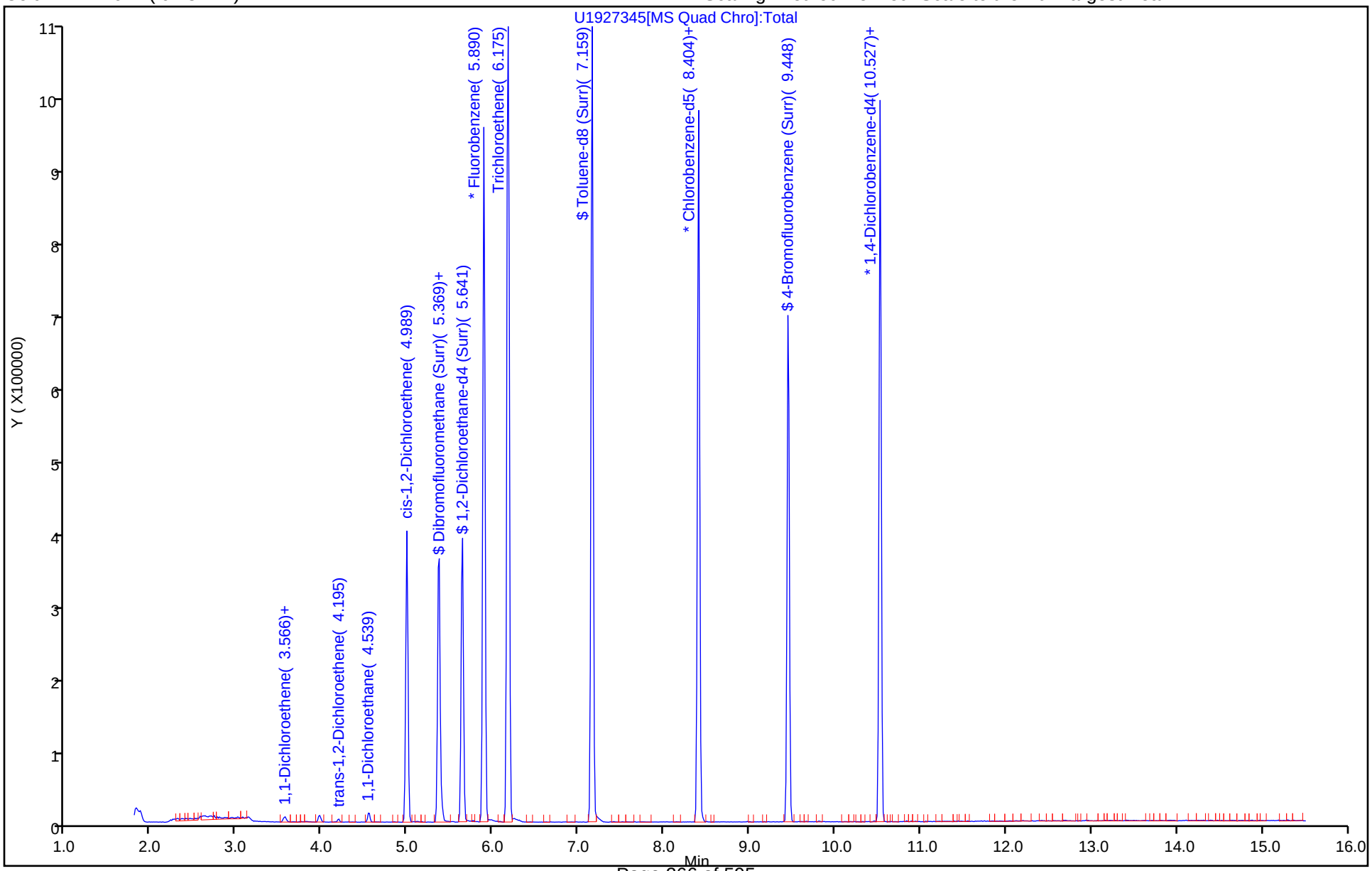
Report Date: 09-May-2022 07:57:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D

Injection Date:	06-May-2022 15:56:38	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-20	Lab Sample ID:	240-165834-20	Worklist Smp#:	20
Client ID:	GW-042822-SS-019				
Purge Vol:	5.000 mL	Dil. Factor:	400.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D				
Lims ID:	240-165834-B-20				
Client ID:	GW-042822-SS-019				
Sample Type:	Client				
Inject. Date:	06-May-2022 15:56:38	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Sample Info:	240-0118300-020				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 18:41:16	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1607				

First Level Reviewer: laveyt Date: 09-May-2022 07:57:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	37024.89
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	39998.61
$ 6 Toluene-d8 (Surr)	20.0	20.7	41455.77
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.0	38018.46

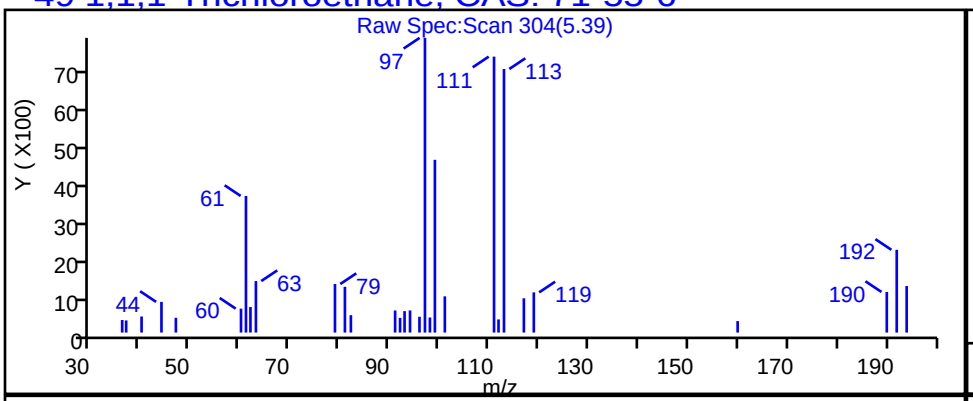
Report Date: 09-May-2022 07:57:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

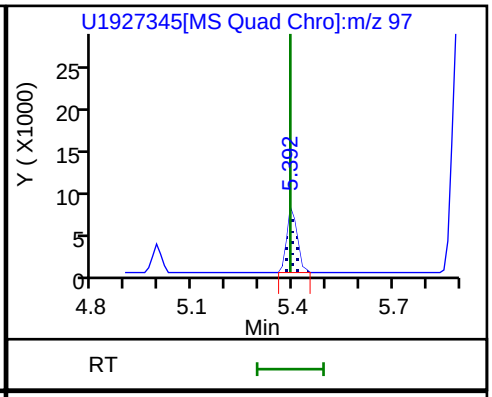
Eurofins Canton

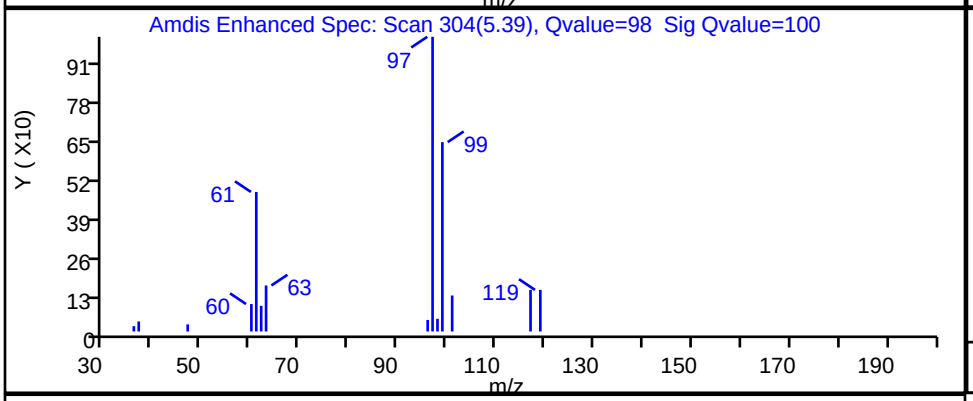
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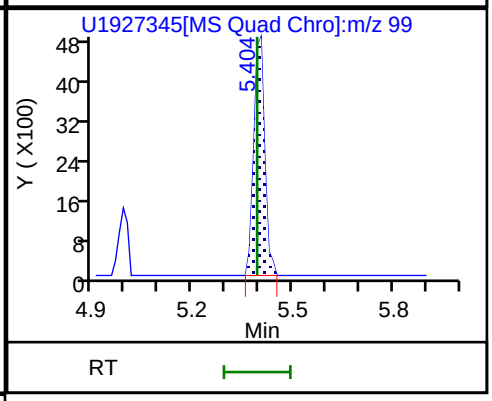
Injection Date:	06-May-2022 15:56:38	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-20	Lab Sample ID:	240-165834-20		
Client ID:	GW-042822-SS-019				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

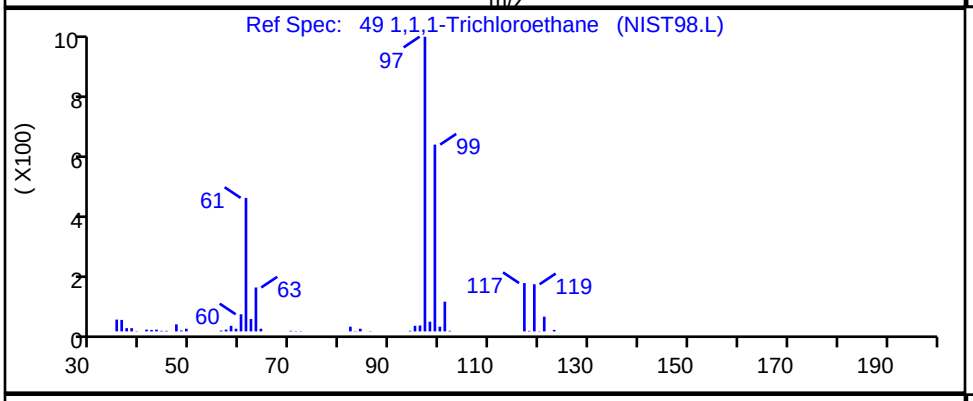
49 1,1,1-Trichloroethane, CAS: 71-55-6

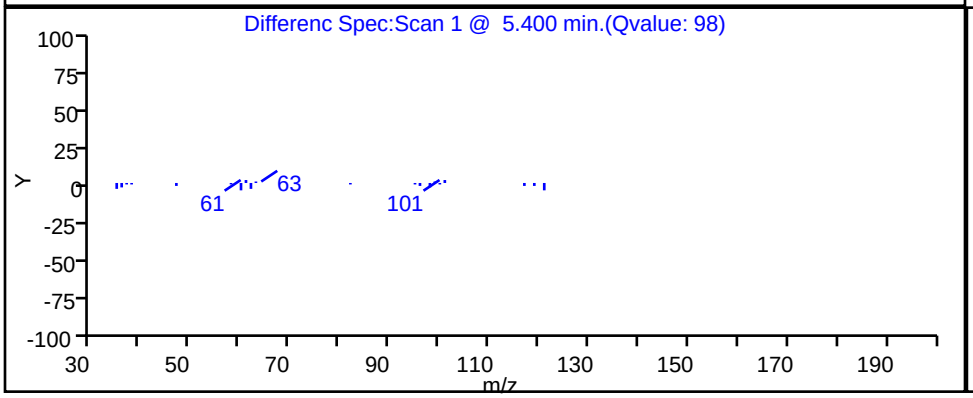


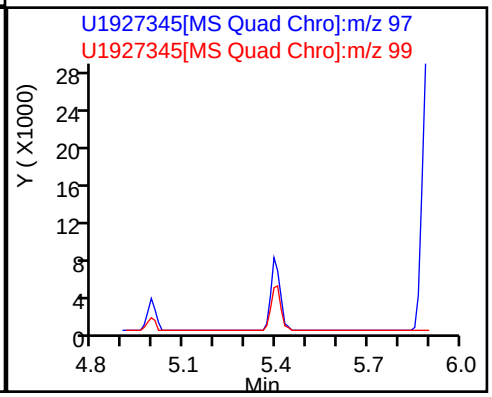












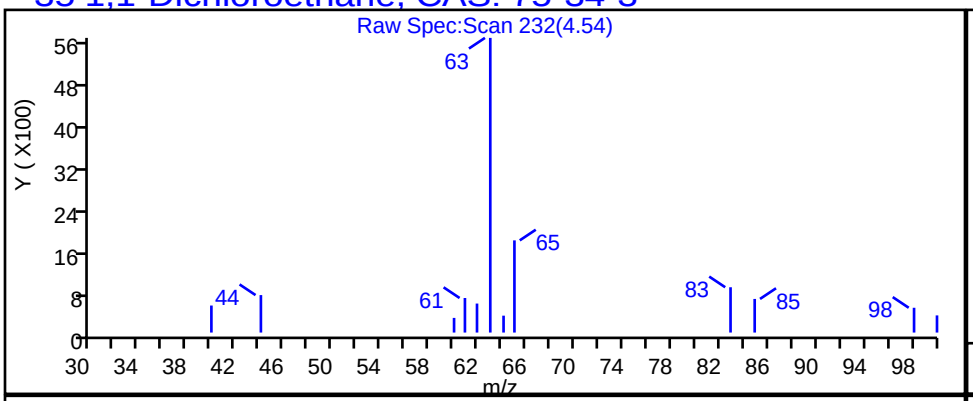
Report Date: 09-May-2022 07:57:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

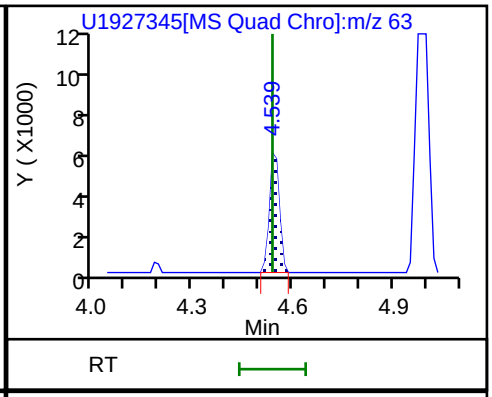
Eurofins Canton

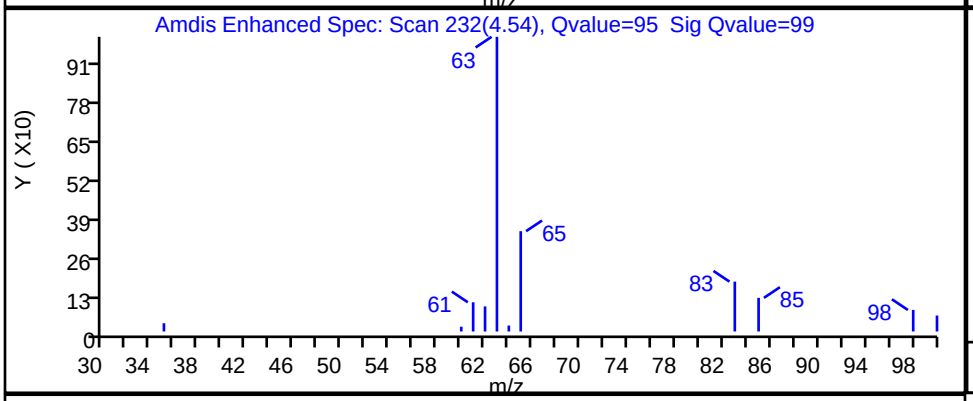
Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D

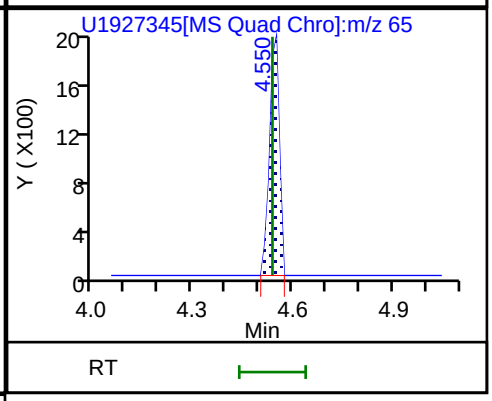
Injection Date:	06-May-2022 15:56:38	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-20	Lab Sample ID:	240-165834-20		
Client ID:	GW-042822-SS-019				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

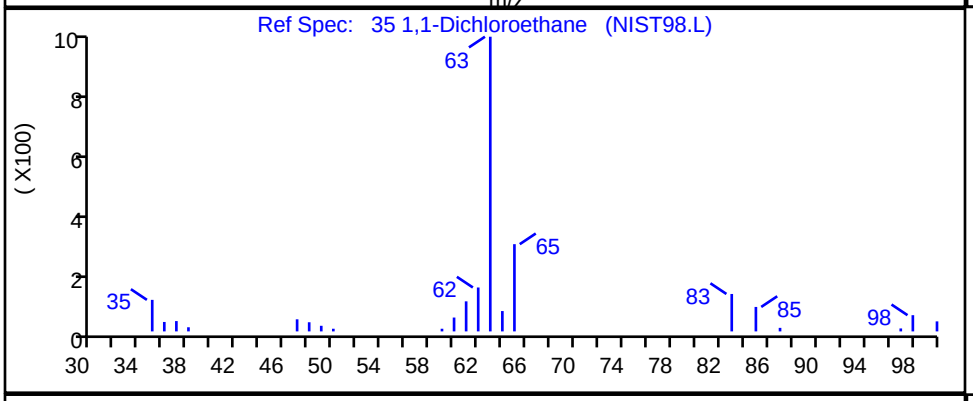
35 1,1-Dichloroethane, CAS: 75-34-3

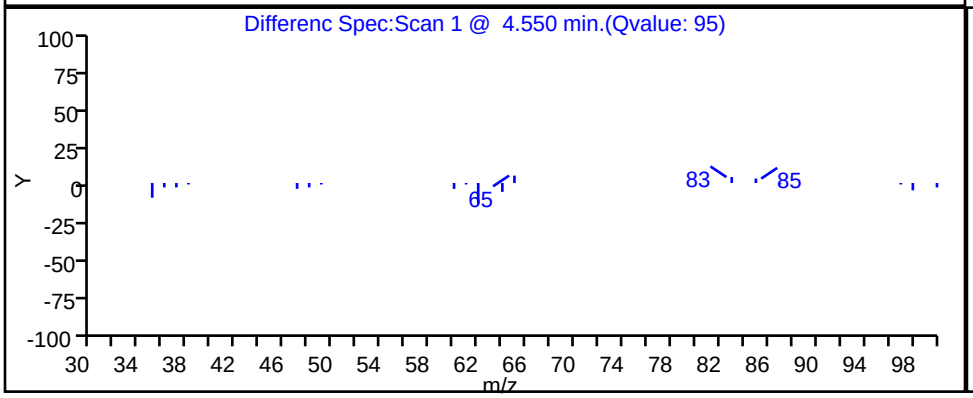


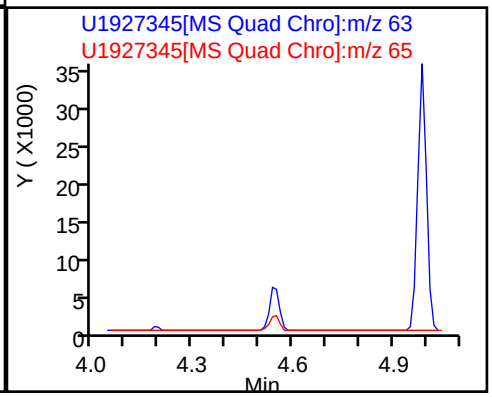












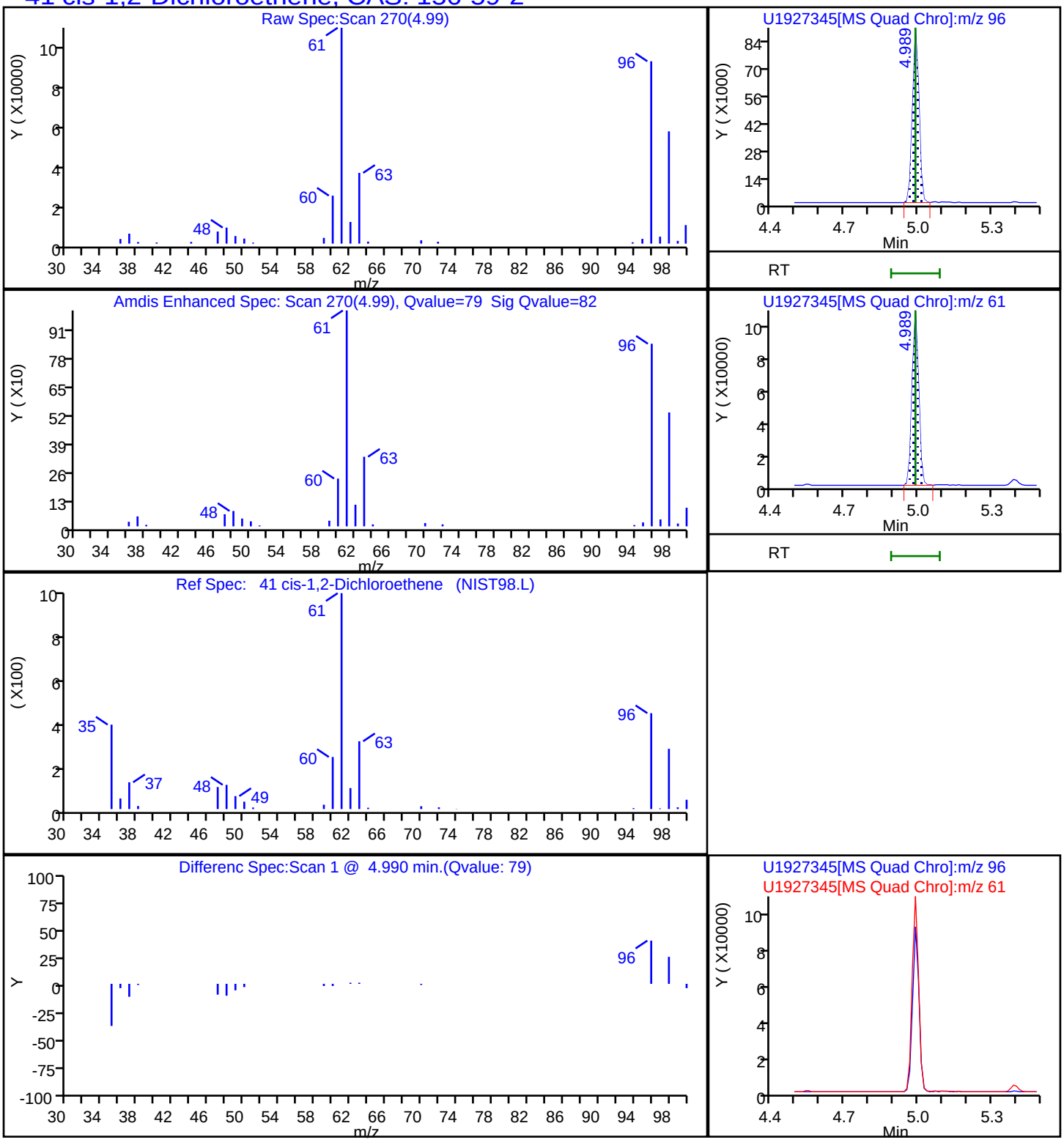
Report Date: 09-May-2022 07:57:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D

Injection Date:	06-May-2022 15:56:38	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-20	Lab Sample ID:	240-165834-20		
Client ID:	GW-042822-SS-019				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



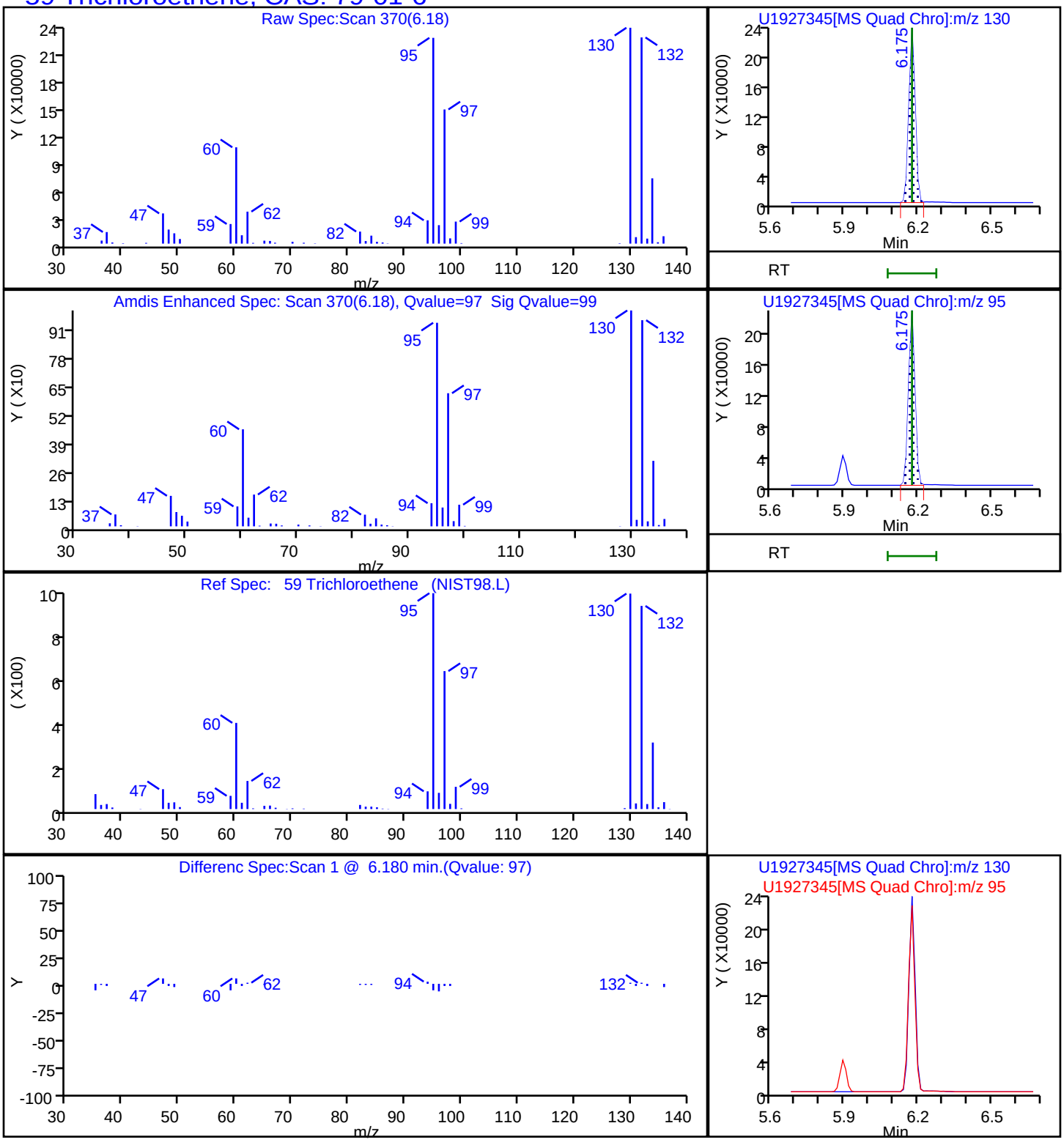
Report Date: 09-May-2022 07:57:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927345.D

Injection Date:	06-May-2022 15:56:38	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-20	Lab Sample ID:	240-165834-20		
Client ID:	GW-042822-SS-019				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-020 | Lab Sample ID: 240-165834-21

Matrix: Water | Lab File ID: U1927346.D

Analysis Method: 8260D | Date Collected: 04/28/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 16:18

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	390	J	400	190
79-34-5	1,1,2,2-Tetrachloroethane	400	U	400	240
79-00-5	1,1,2-Trichloroethane	400	U	400	190
75-34-3	1,1-Dichloroethane	260	J	400	190
75-35-4	1,1-Dichloroethene	400	U	400	200
107-06-2	1,2-Dichloroethane	400	U	400	84
78-87-5	1,2-Dichloropropane	400	U	400	190
591-78-6	2-Hexanone	4000	U	4000	440
67-64-1	Acetone	4000	U	4000	2200
71-43-2	Benzene	400	U	400	170
75-25-2	Bromoform	400	U	400	300
74-83-9	Bromomethane	400	U	400	170
75-15-0	Carbon disulfide	400	U	400	240
56-23-5	Carbon tetrachloride	400	U	400	100
108-90-7	Chlorobenzene	400	U	400	150
75-00-3	Chloroethane	400	U	400	330
67-66-3	Chloroform	400	U	400	190
74-87-3	Chloromethane	400	U	400	250
156-59-2	cis-1,2-Dichloroethene	5700		400	180
10061-01-5	cis-1,3-Dichloropropene	400	U	400	240
75-27-4	Dichlorobromomethane	400	U	400	68
100-41-4	Ethylbenzene	400	U	400	170
78-93-3	2-Butanone (MEK)	4000	U	4000	460
108-10-1	4-Methyl-2-pentanone (MIBK)	4000	U	4000	400
75-09-2	Methylene Chloride	2000	U	2000	1000
100-42-5	Styrene	400	U	400	180
127-18-4	Tetrachloroethene	400	U	400	180
108-88-3	Toluene	400	U	400	180
156-60-5	trans-1,2-Dichloroethene	400	U	400	200
10061-02-6	trans-1,3-Dichloropropene	400	U	400	270
79-01-6	Trichloroethene	14000		400	180
75-01-4	Vinyl chloride	400	U	400	180
1330-20-7	Xylenes, Total	800	U	800	170
124-48-1	Chlorodibromomethane	400	U	400	160

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-020 | Lab Sample ID: 240-165834-21

Matrix: Water | Lab File ID: U1927346.D

Analysis Method: 8260D | Date Collected: 04/28/2022 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 16:18

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927346.D
Lims ID: 240-165834-B-21
Client ID: GW-042822-SS-020
Sample Type: Client
Inject. Date: 06-May-2022 16:18:57 ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Sample Info: 240-0118300-021
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:57:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	777371	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	564078	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	269917	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	214532	18.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	258967	20.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	705190	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	237085	18.8	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	95	3924	0.2718	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	56	2055	0.1468	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	11039	0.6415	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	168894	14.2	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	16031	0.9697	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	416250	35.8	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

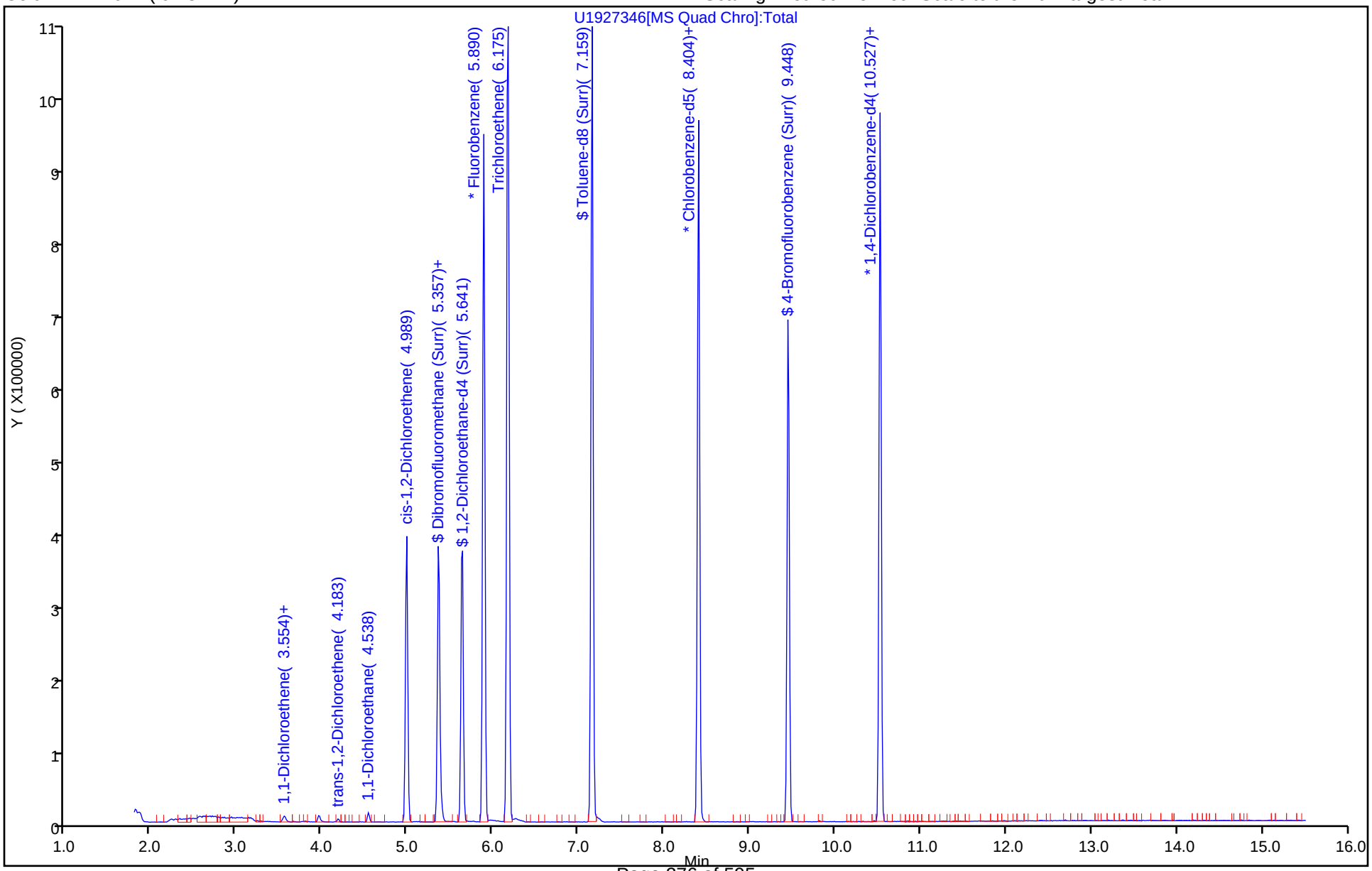
Report Date: 09-May-2022 07:57:30 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927346.D

Injection Date:	06-May-2022 16:18:57	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-21	Lab Sample ID:	240-165834-21	Worklist Smp#:	21
Client ID:	GW-042822-SS-020				
Purge Vol:	5.000 mL	Dil. Factor:	400.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927346.D
Lims ID: 240-165834-B-21
Client ID: GW-042822-SS-020
Sample Type: Client
Inject. Date: 06-May-2022 16:18:57 ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Sample Info: 240-0118300-021
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:57:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.9	37730.27
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.3	40521.06
$ 6 Toluene-d8 (Surr)	20.0	20.6	41119.99
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.8	37609.68

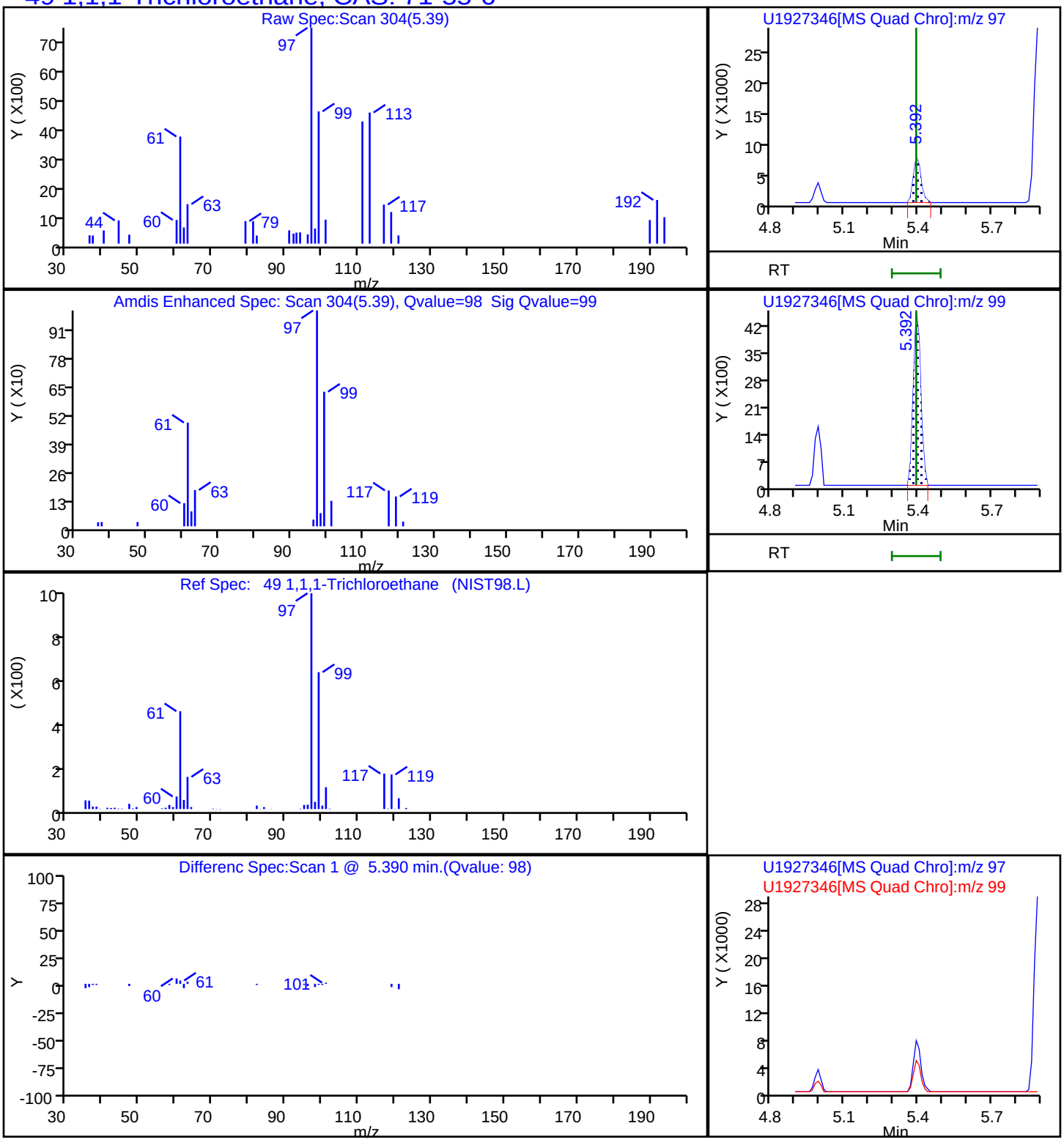
Report Date: 09-May-2022 07:57:31 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927346.D

Injection Date:	06-May-2022 16:18:57	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-21	Lab Sample ID:	240-165834-21		
Client ID:	GW-042822-SS-020				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

49 1,1,1-Trichloroethane, CAS: 71-55-6



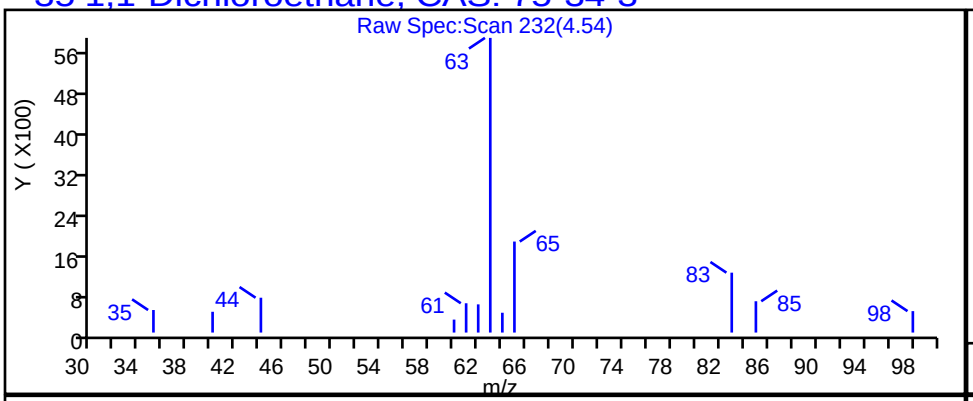
Report Date: 09-May-2022 07:57:30 Chrom Revision: 2.3 12-Apr-2022 20:29:44

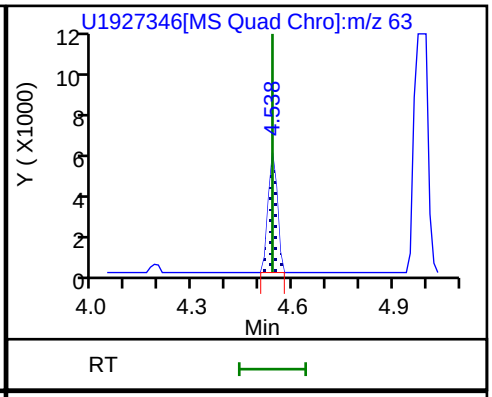
Eurofins Canton

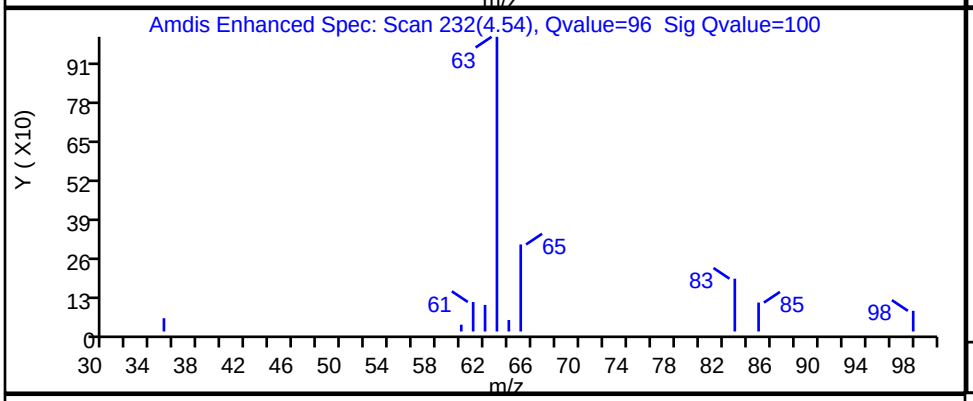
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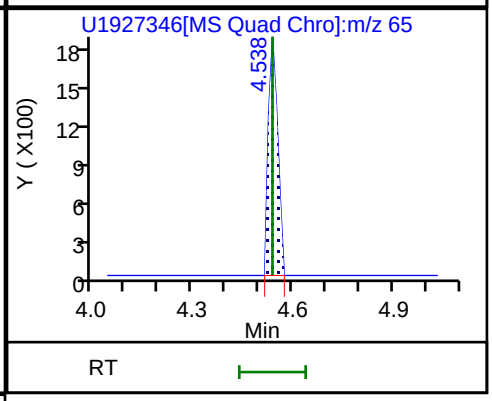
Injection Date:	06-May-2022 16:18:57	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-21	Lab Sample ID:	240-165834-21		
Client ID:	GW-042822-SS-020				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

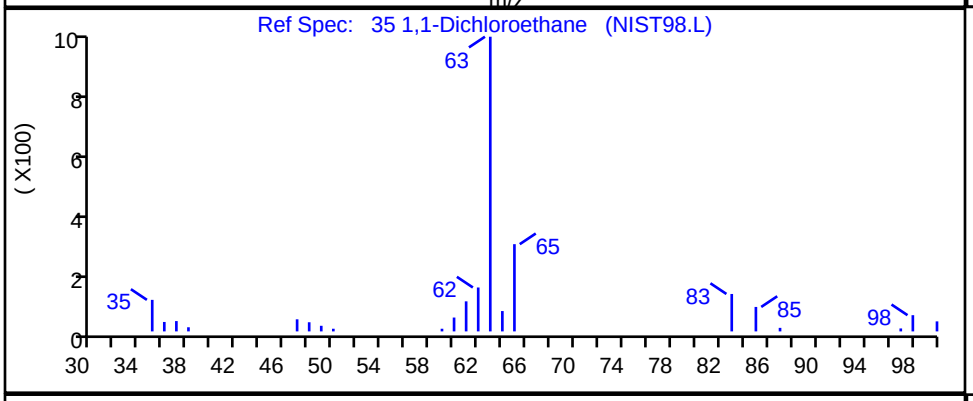
35 1,1-Dichloroethane, CAS: 75-34-3

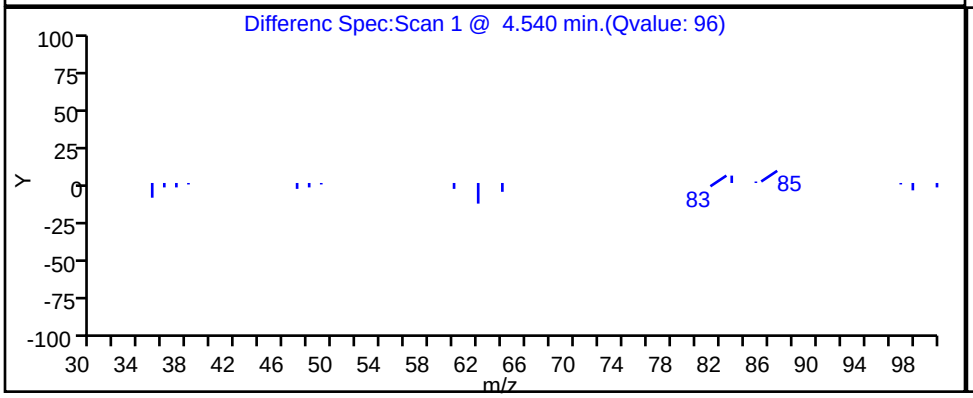


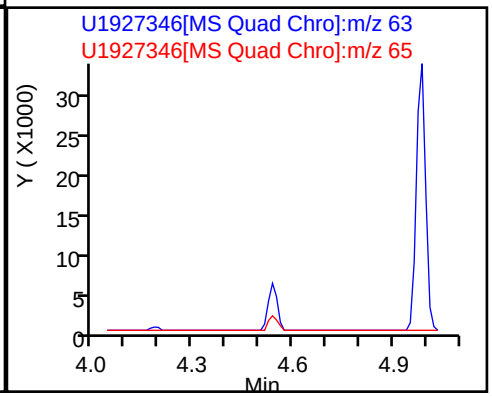












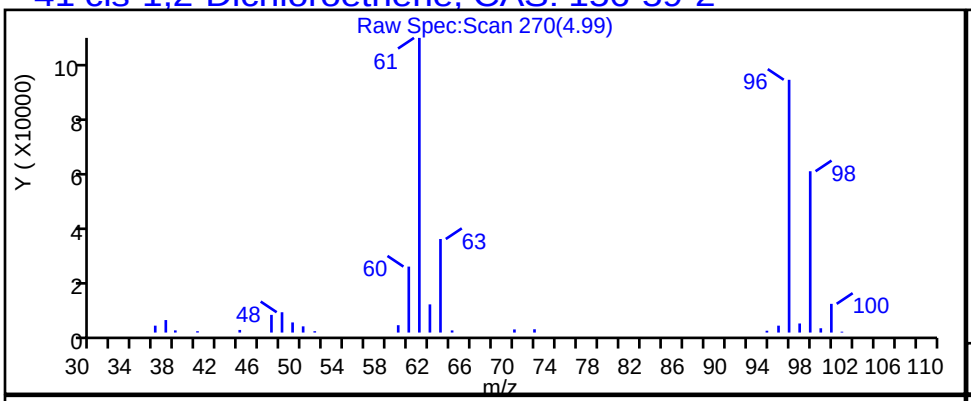
Report Date: 09-May-2022 07:57:31 Chrom Revision: 2.3 12-Apr-2022 20:29:44

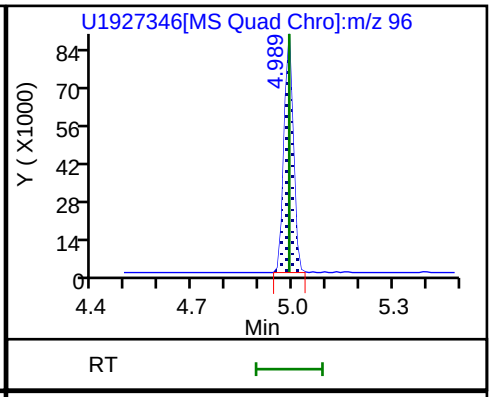
Eurofins Canton

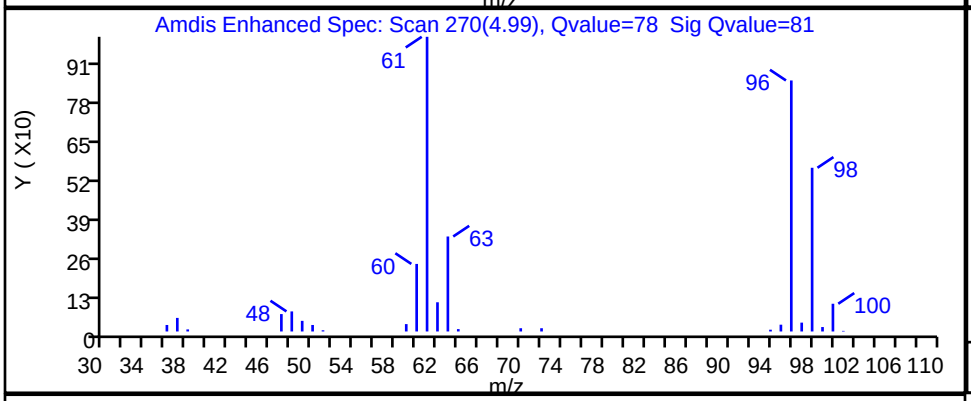
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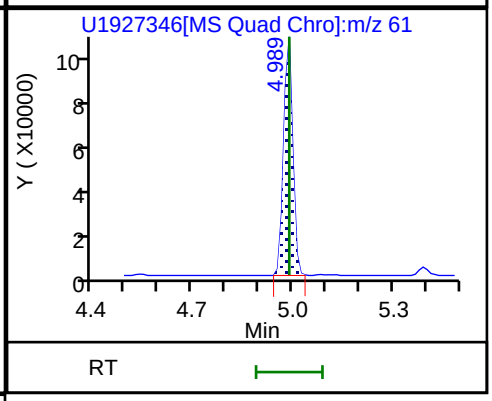
Injection Date:	06-May-2022 16:18:57	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-21	Lab Sample ID:	240-165834-21		
Client ID:	GW-042822-SS-020				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

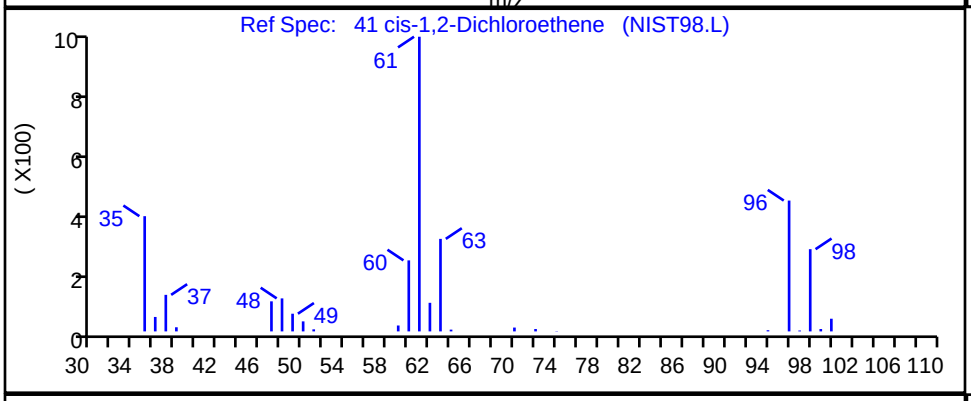
41 cis-1,2-Dichloroethene, CAS: 156-59-2

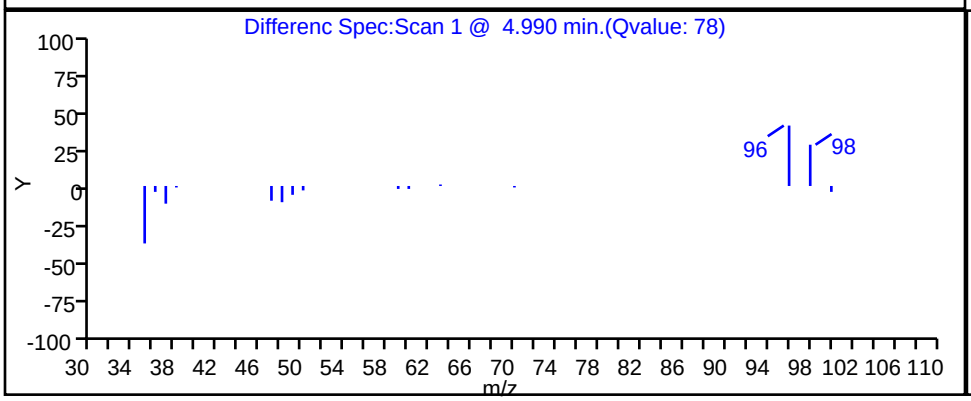


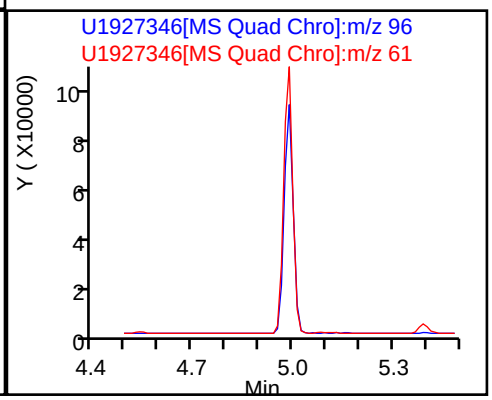












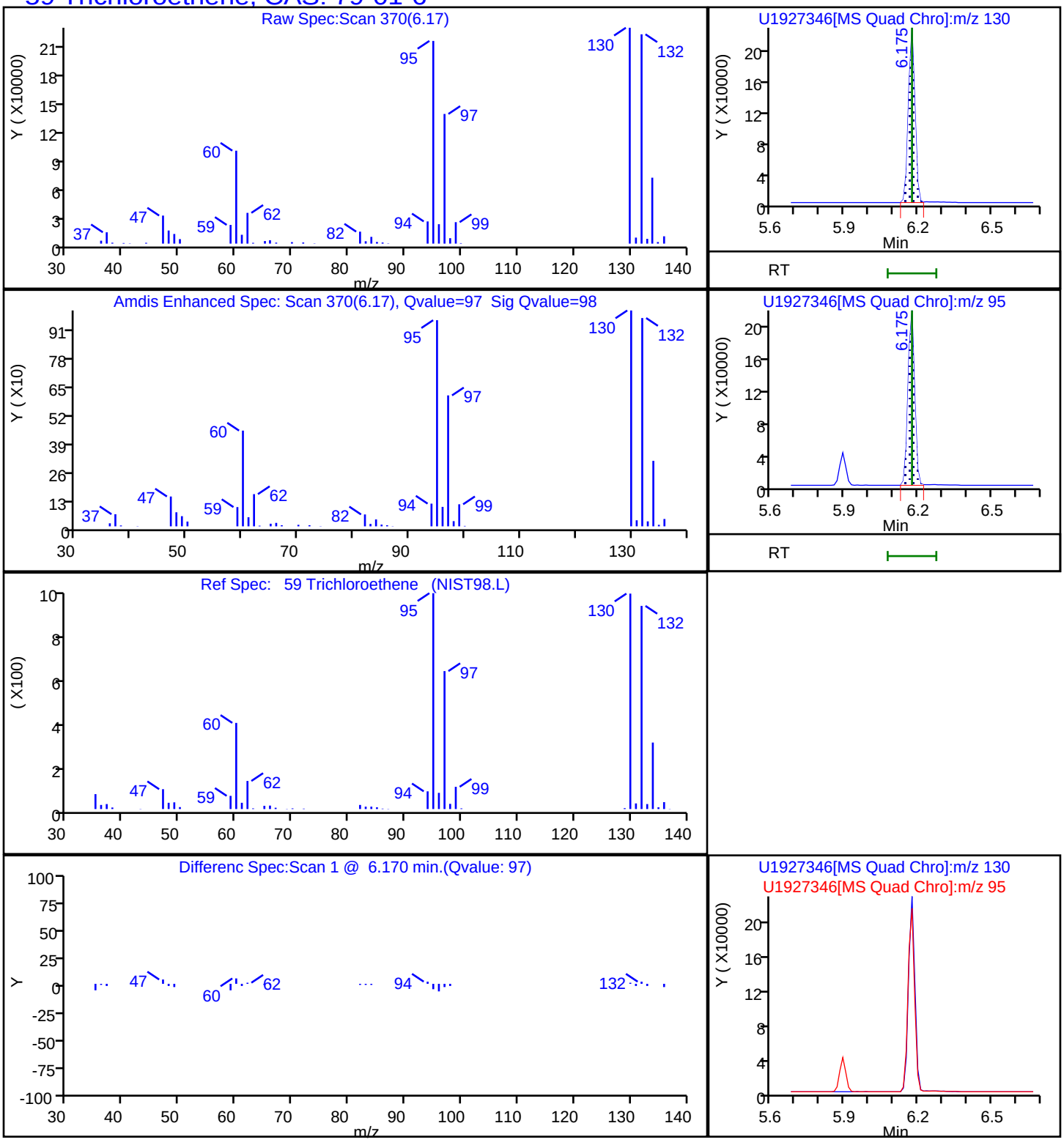
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927346.D

Injection Date:	06-May-2022 16:18:57	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-21	Lab Sample ID:	240-165834-21		
Client ID:	GW-042822-SS-020				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-021 | Lab Sample ID: 240-165834-22

Matrix: Water | Lab File ID: U1927347.D

Analysis Method: 8260D | Date Collected: 04/28/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 16:41

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1000	U	1000	480
79-34-5	1,1,2,2-Tetrachloroethane	1000	U	1000	600
79-00-5	1,1,2-Trichloroethane	1000	U	1000	480
75-34-3	1,1-Dichloroethane	1100		1000	470
75-35-4	1,1-Dichloroethene	1000	U	1000	490
107-06-2	1,2-Dichloroethane	1000	U	1000	210
78-87-5	1,2-Dichloropropane	1000	U	1000	470
591-78-6	2-Hexanone	10000	U	10000	1100
67-64-1	Acetone	10000	U	10000	5400
71-43-2	Benzene	1000	U	1000	420
75-25-2	Bromoform	1000	U	1000	760
74-83-9	Bromomethane	1000	U	1000	420
75-15-0	Carbon disulfide	1000	U	1000	590
56-23-5	Carbon tetrachloride	1000	U	1000	260
108-90-7	Chlorobenzene	1000	U	1000	380
75-00-3	Chloroethane	1000	U	1000	830
67-66-3	Chloroform	1000	U	1000	470
74-87-3	Chloromethane	1000	U	1000	630
156-59-2	cis-1,2-Dichloroethene	66000		1000	460
10061-01-5	cis-1,3-Dichloropropene	1000	U	1000	610
75-27-4	Dichlorobromomethane	1000	U	1000	170
100-41-4	Ethylbenzene	620	J	1000	420
78-93-3	2-Butanone (MEK)	10000	U	10000	1200
108-10-1	4-Methyl-2-pentanone (MIBK)	10000	U	10000	990
75-09-2	Methylene Chloride	5000	U	5000	2600
100-42-5	Styrene	1000	U	1000	450
127-18-4	Tetrachloroethene	1000	U	1000	440
108-88-3	Toluene	4200		1000	440
156-60-5	trans-1,2-Dichloroethene	1000	U	1000	510
10061-02-6	trans-1,3-Dichloropropene	1000	U	1000	670
79-01-6	Trichloroethene	1000	U	1000	440
75-01-4	Vinyl chloride	6700		1000	450
1330-20-7	Xylenes, Total	2400		2000	420
124-48-1	Chlorodibromomethane	1000	U	1000	390

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-021 | Lab Sample ID: 240-165834-22

Matrix: Water | Lab File ID: U1927347.D

Analysis Method: 8260D | Date Collected: 04/28/2022 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 16:41

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D
Lims ID: 240-165834-B-22
Client ID: GW-042822-SS-021
Sample Type: Client
Inject. Date: 06-May-2022 16:41:26 ALS Bottle#: 0 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 240-0118300-022
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:57:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	781749	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	567243	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	266508	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	213894	18.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	256631	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	708763	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	242080	19.1	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	92773	6.72	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64	2.831	2.831	0.000	87	1907	0.1812	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	8	1602	0.1104	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	7
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	19883	1.15	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	789978	66.0	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	91	2364	0.1422	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	7
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91	7.218	7.218	0.000	98	164906	4.18	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106	8.499	8.499	0.000	99	8265	0.6215	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	98	26828	1.66	
87 o-Xylene	106	8.962	8.962	0.000	98	10368	0.6697	
88 Styrene	104		8.973				ND	7
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106				0		2.33	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

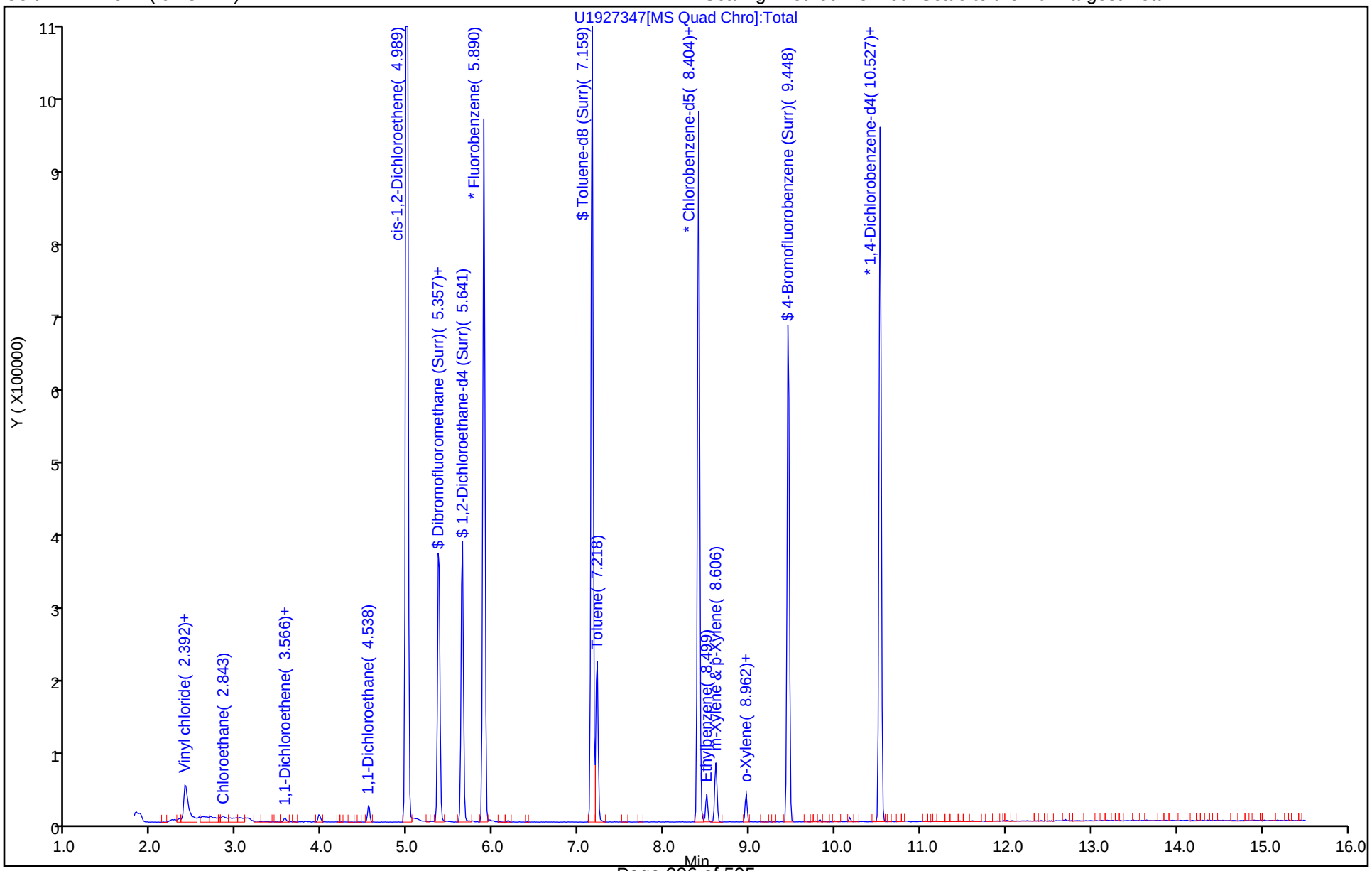
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D

Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22	Worklist Smp#:	22
Client ID:	GW-042822-SS-021				
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D
Lims ID: 240-165834-B-22
Client ID: GW-042822-SS-021
Sample Type: Client
Inject. Date: 06-May-2022 16:41:26 ALS Bottle#: 0 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 240-0118300-022
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:57:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	93518.47
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	99826.65
$ 6 Toluene-d8 (Surr)	20.0	20.5	102744.30
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.1	95469.47

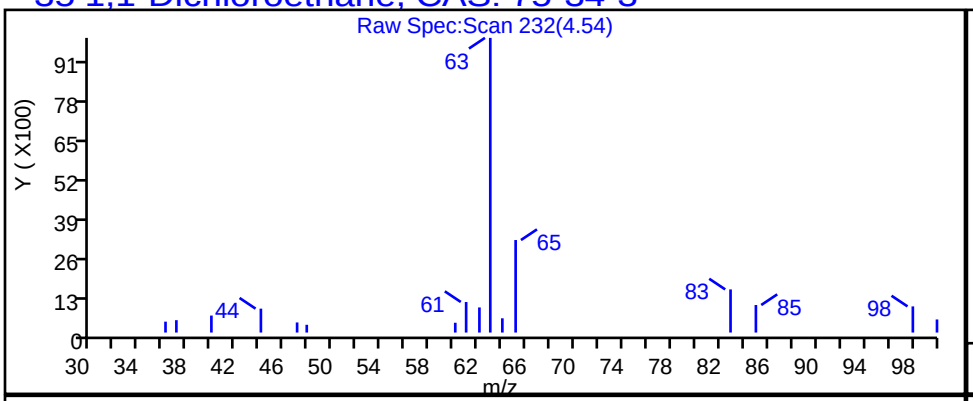
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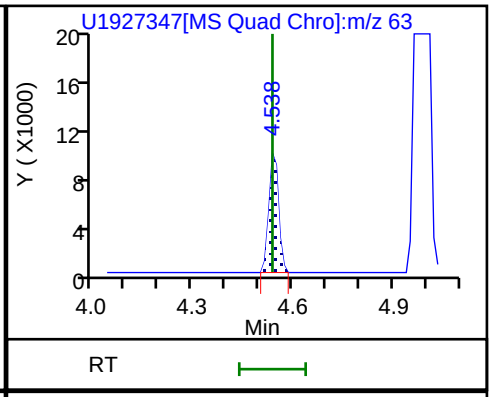
Eurofins Canton

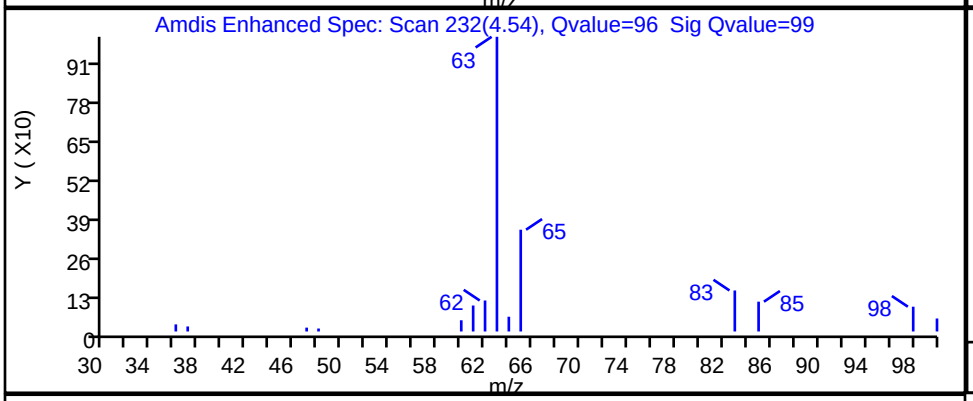
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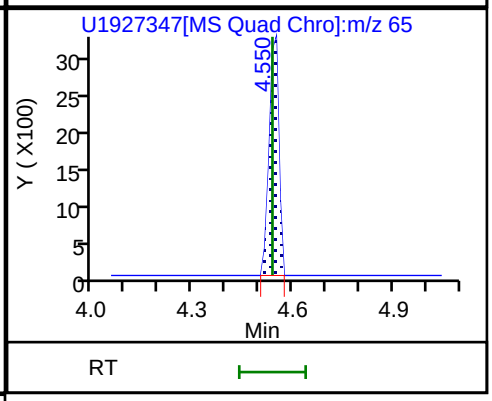
Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

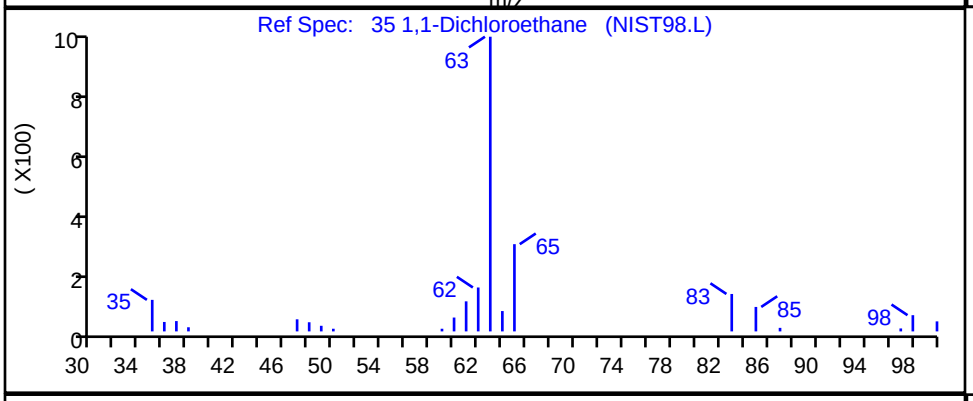
35 1,1-Dichloroethane, CAS: 75-34-3

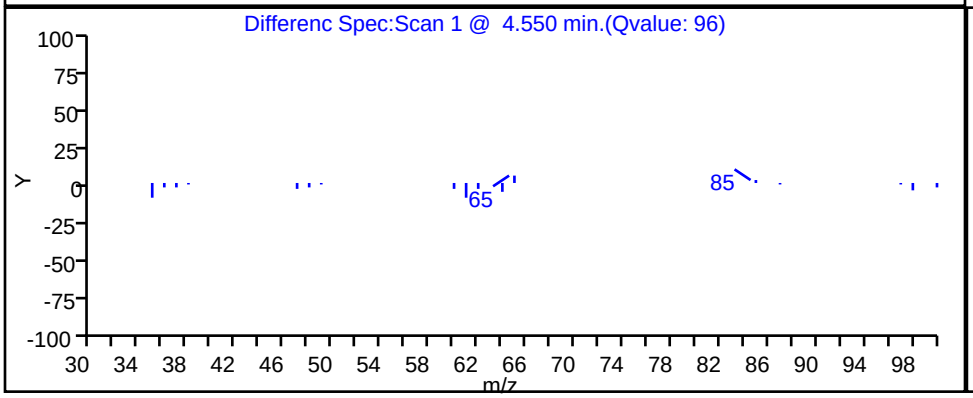


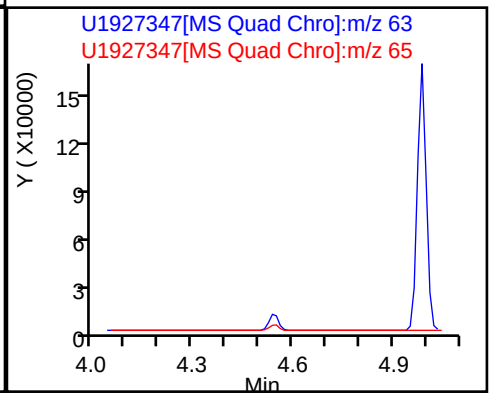












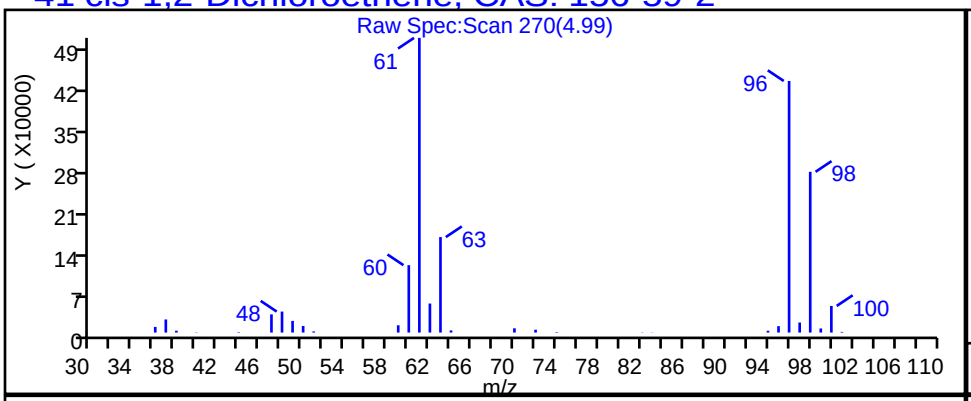
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

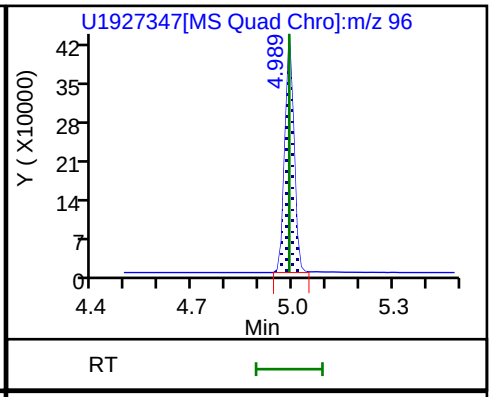
Eurofins Canton

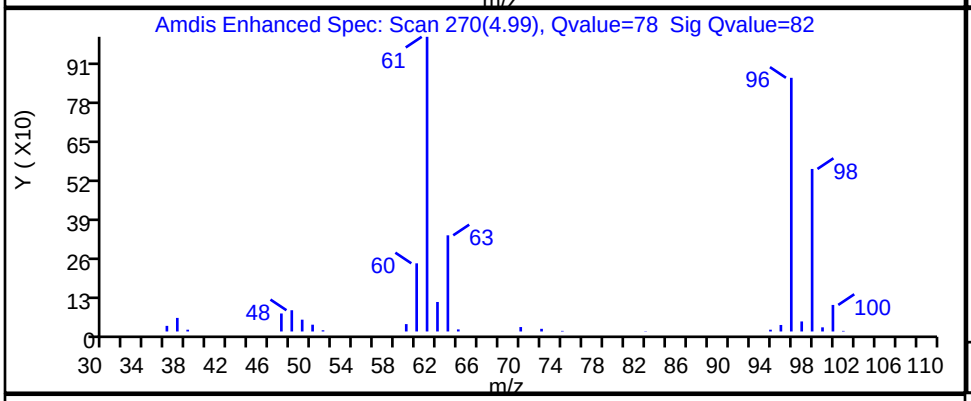
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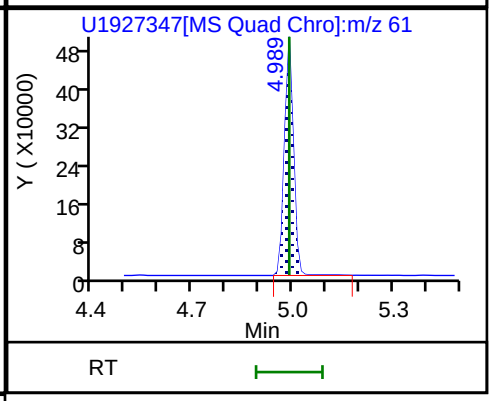
Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

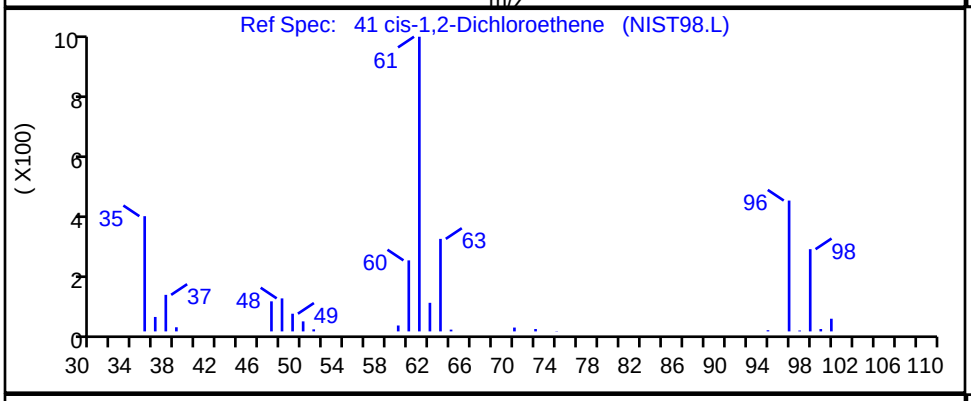
41 cis-1,2-Dichloroethene, CAS: 156-59-2

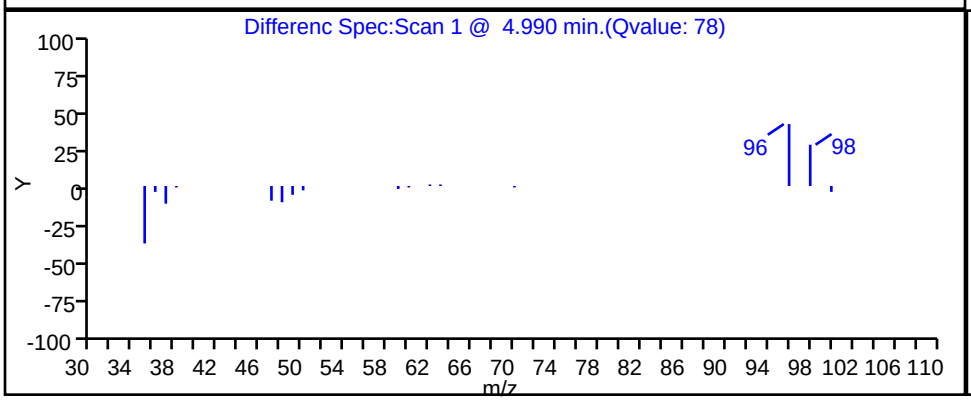


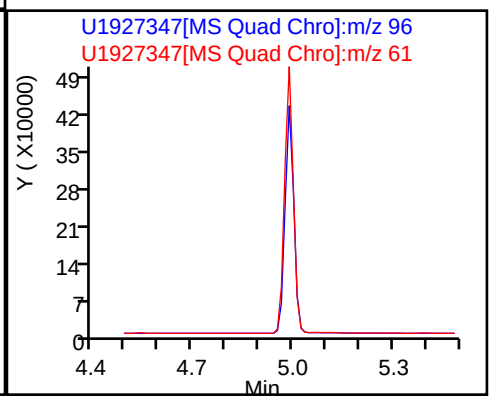












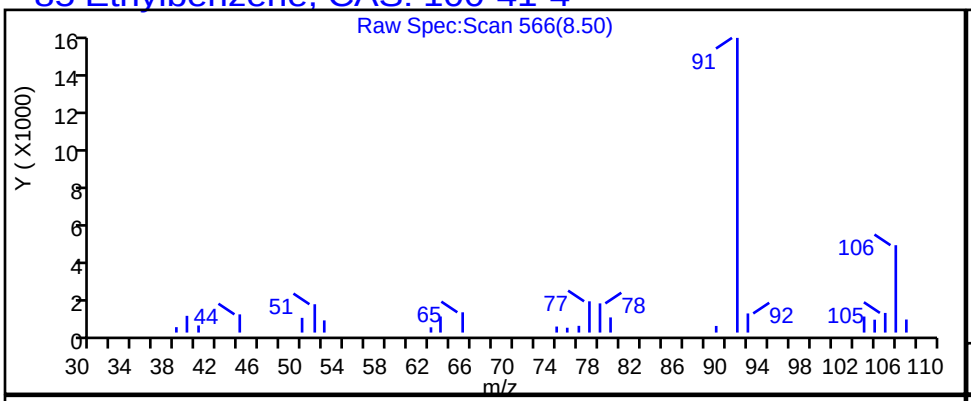
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

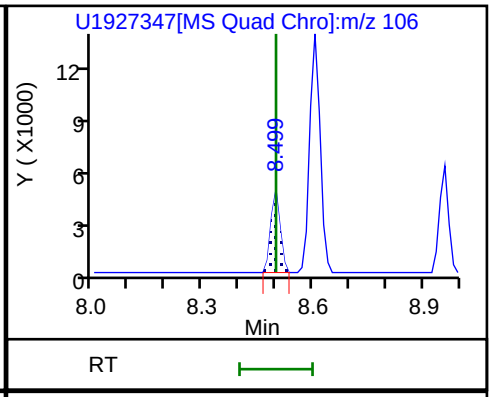
Eurofins Canton

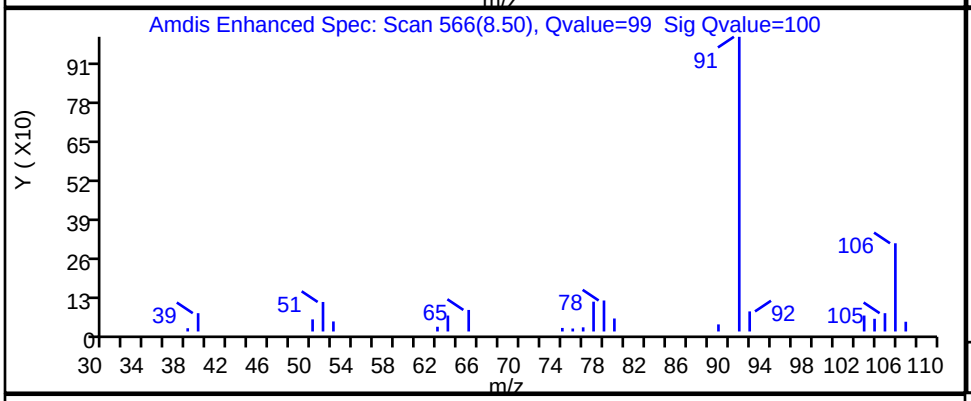
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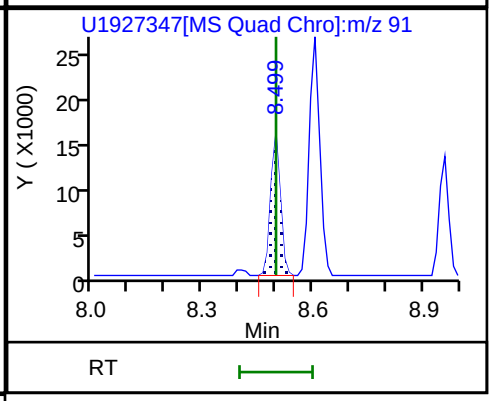
Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

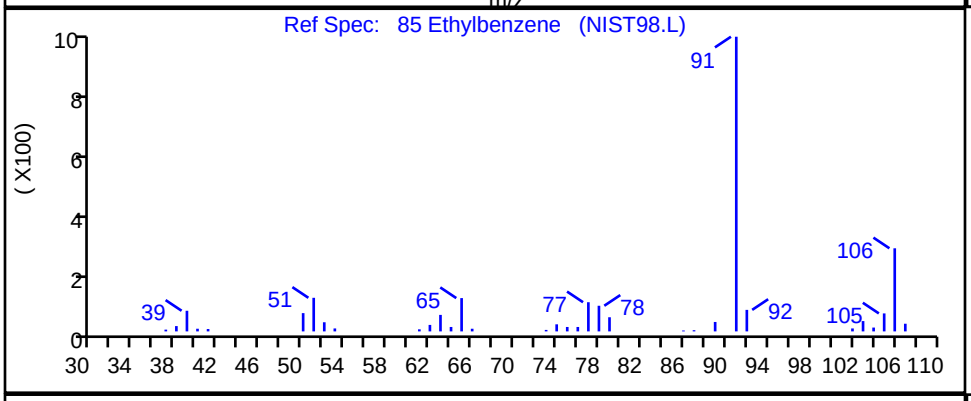
85 Ethylbenzene, CAS: 100-41-4

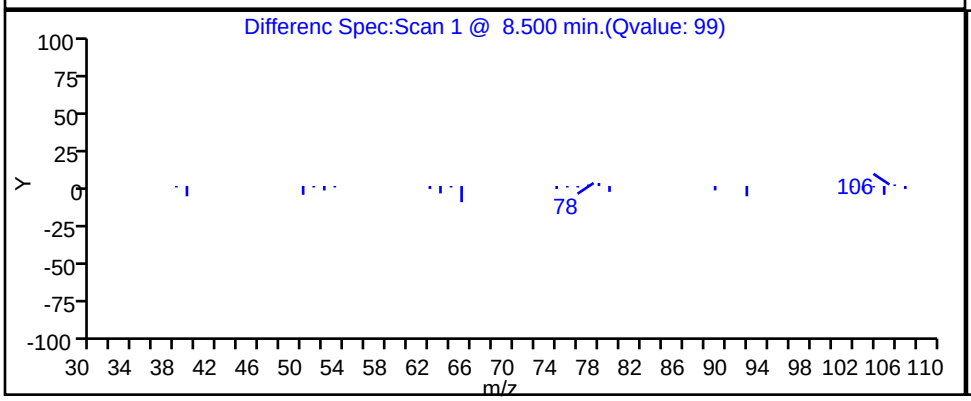


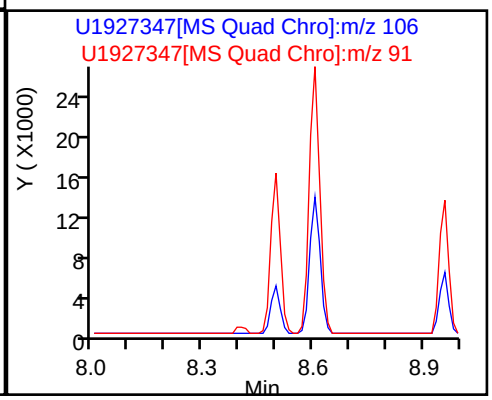












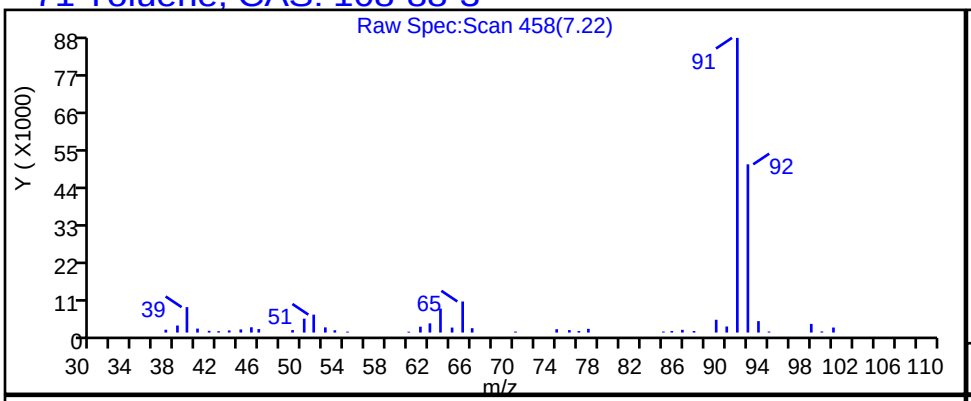
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

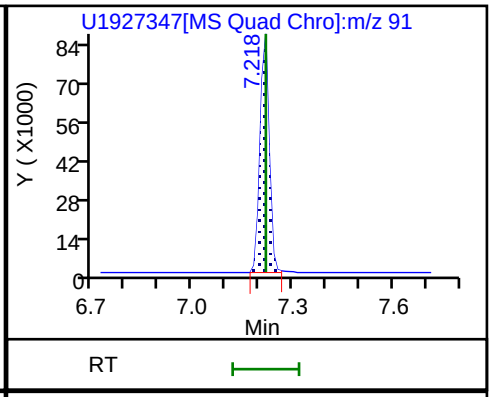
Eurofins Canton

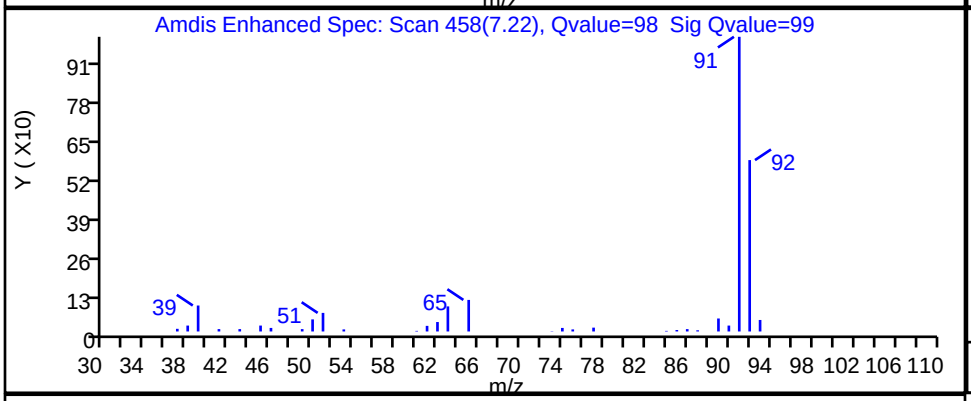
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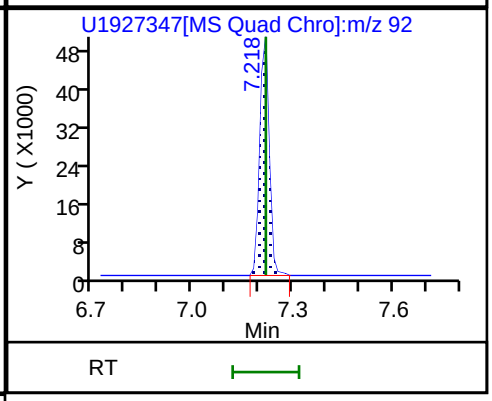
Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

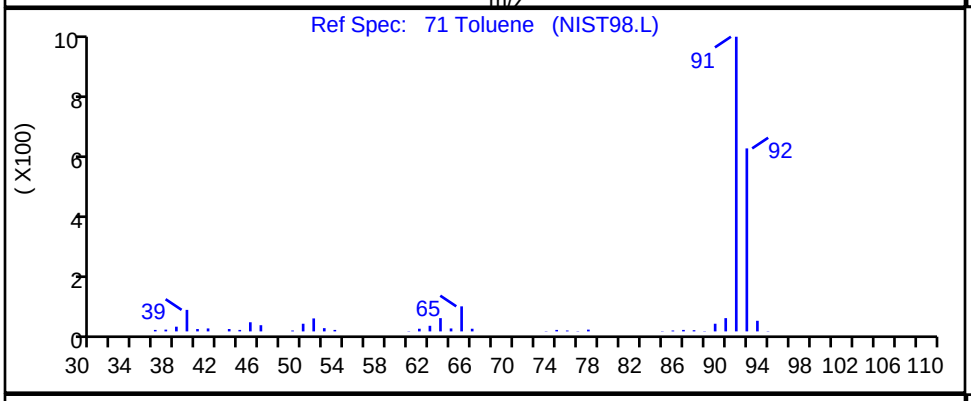
71 Toluene, CAS: 108-88-3

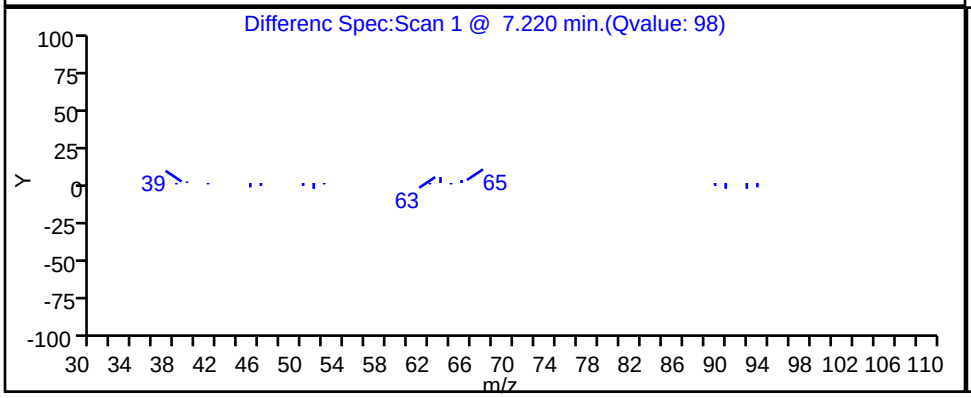


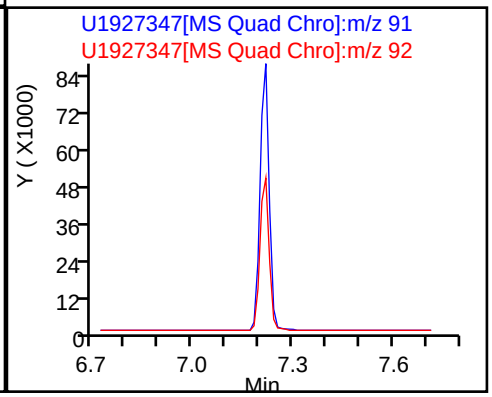












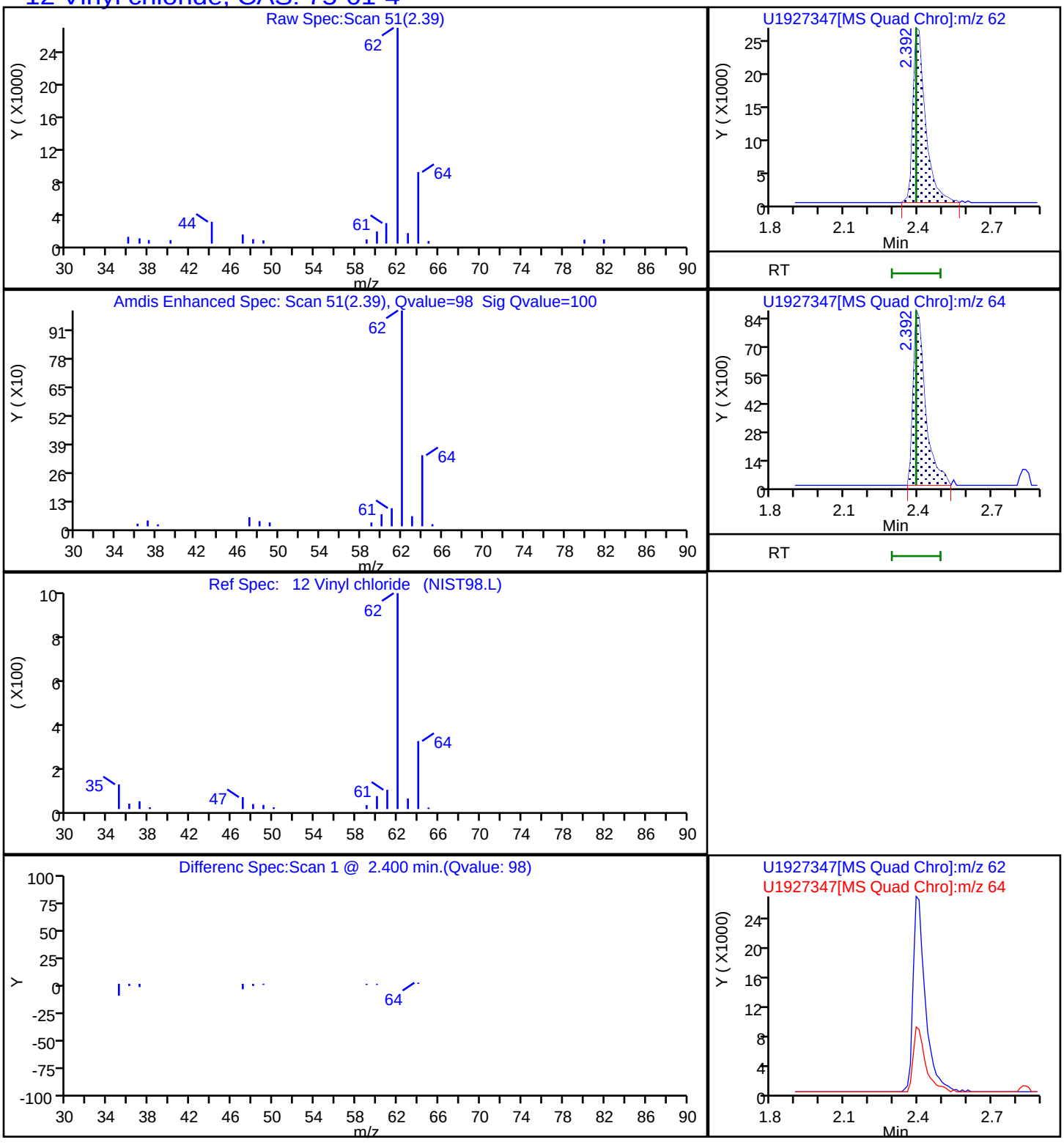
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D

Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

12 Vinyl chloride, CAS: 75-01-4



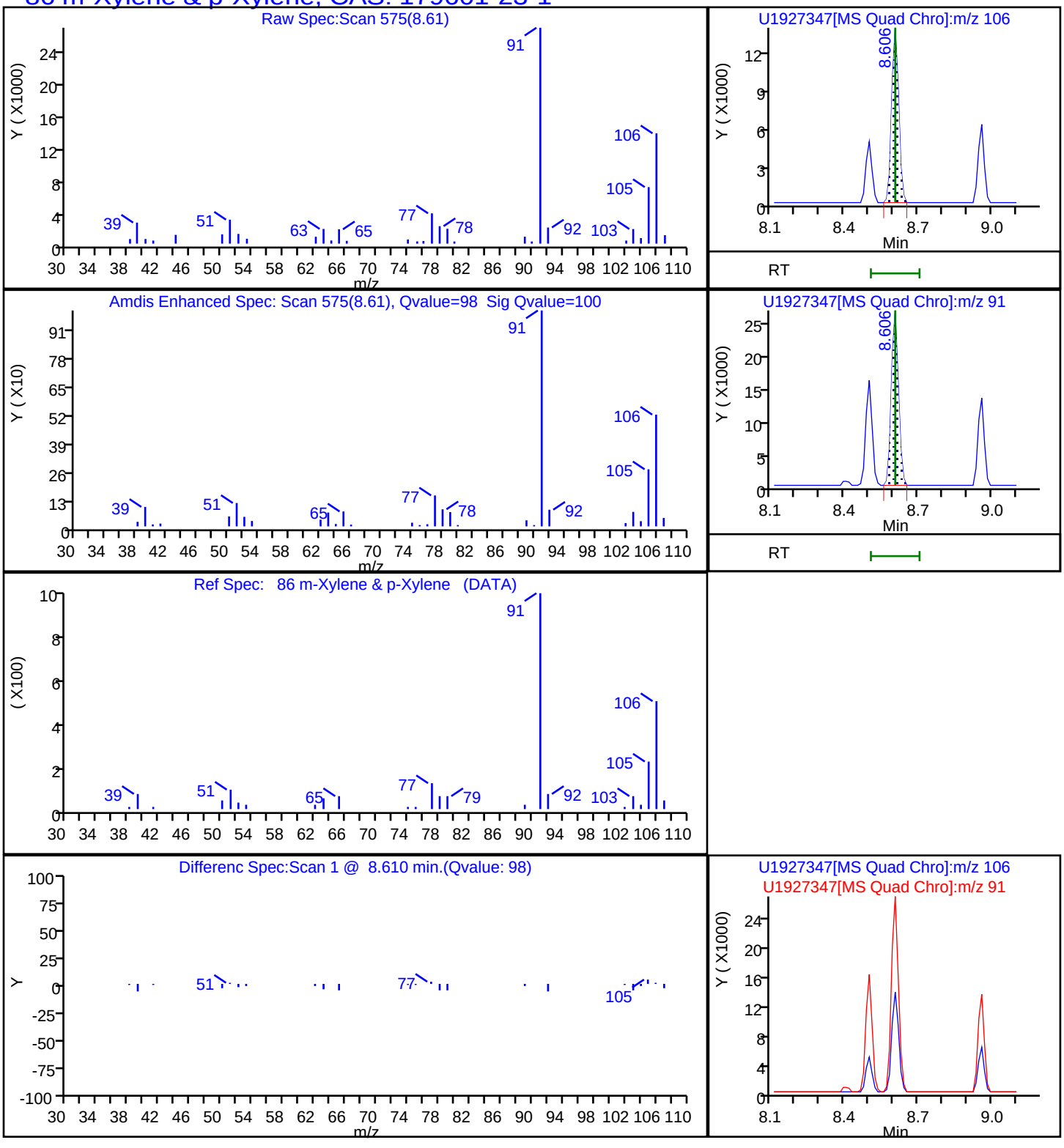
Report Date: 09-May-2022 07:57:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D

Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

86 m-Xylene & p-Xylene, CAS: 179601-23-1



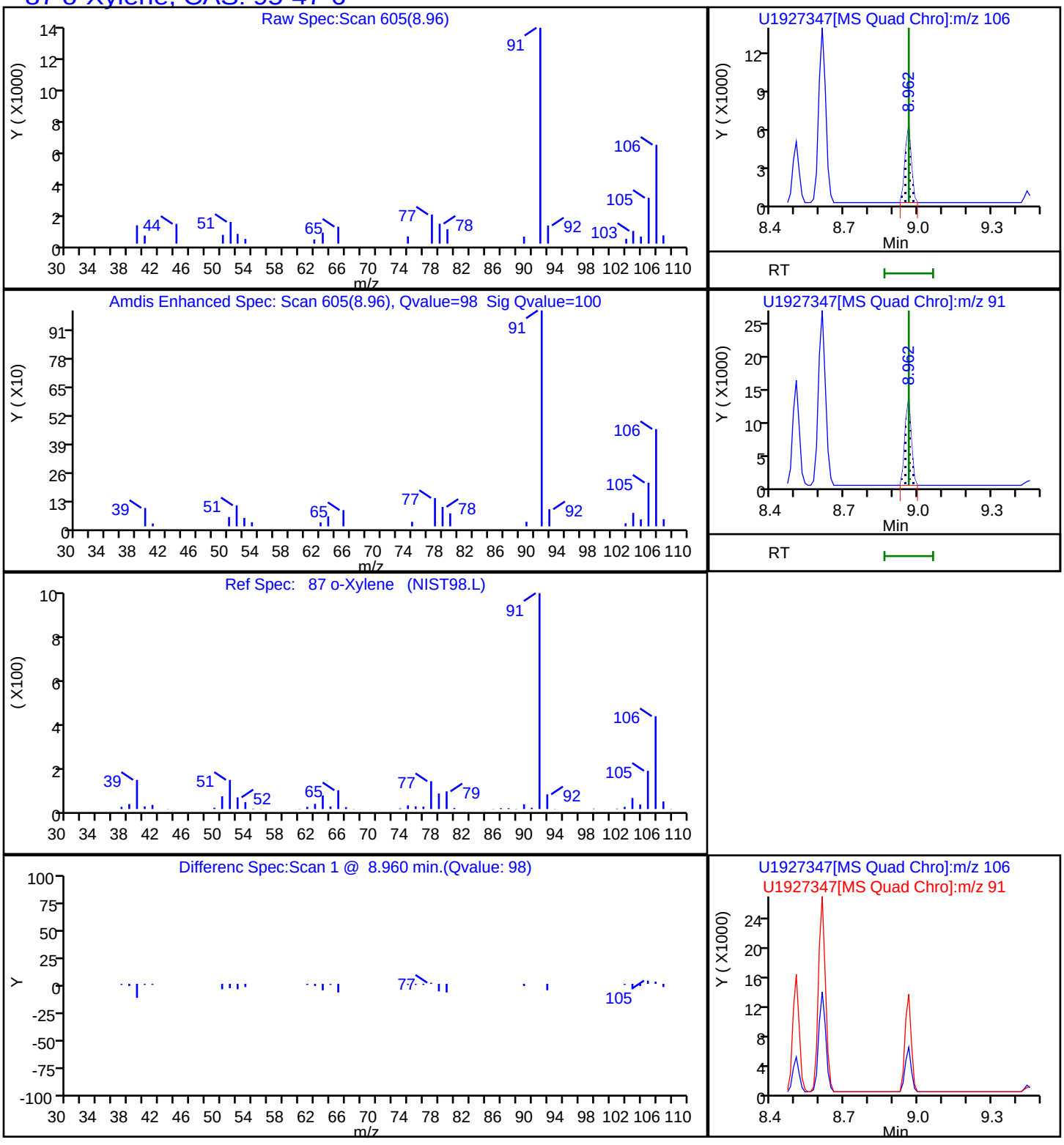
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927347.D

Injection Date:	06-May-2022 16:41:26	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-22	Lab Sample ID:	240-165834-22		
Client ID:	GW-042822-SS-021				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-022 | Lab Sample ID: 240-165834-23

Matrix: Water | Lab File ID: U1927348.D

Analysis Method: 8260D | Date Collected: 04/28/2022 16:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:03

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	310	J	400	190
79-34-5	1,1,2,2-Tetrachloroethane	400	U	400	240
79-00-5	1,1,2-Trichloroethane	400	U	400	190
75-34-3	1,1-Dichloroethane	400	U	400	190
75-35-4	1,1-Dichloroethene	400	U	400	200
107-06-2	1,2-Dichloroethane	400	U	400	84
78-87-5	1,2-Dichloropropane	400	U	400	190
591-78-6	2-Hexanone	4000	U	4000	440
67-64-1	Acetone	4000	U	4000	2200
71-43-2	Benzene	400	U	400	170
75-25-2	Bromoform	400	U	400	300
74-83-9	Bromomethane	400	U	400	170
75-15-0	Carbon disulfide	400	U	400	240
56-23-5	Carbon tetrachloride	400	U	400	100
108-90-7	Chlorobenzene	400	U	400	150
75-00-3	Chloroethane	400	U	400	330
67-66-3	Chloroform	400	U	400	190
74-87-3	Chloromethane	400	U	400	250
156-59-2	cis-1,2-Dichloroethene	11000		400	180
10061-01-5	cis-1,3-Dichloropropene	400	U	400	240
75-27-4	Dichlorobromomethane	400	U	400	68
100-41-4	Ethylbenzene	400	U	400	170
78-93-3	2-Butanone (MEK)	4000	U	4000	460
108-10-1	4-Methyl-2-pentanone (MIBK)	4000	U	4000	400
75-09-2	Methylene Chloride	2000	U	2000	1000
100-42-5	Styrene	400	U	400	180
127-18-4	Tetrachloroethene	400	U	400	180
108-88-3	Toluene	400	U	400	180
156-60-5	trans-1,2-Dichloroethene	400	U	400	200
10061-02-6	trans-1,3-Dichloropropene	400	U	400	270
79-01-6	Trichloroethene	7100		400	180
75-01-4	Vinyl chloride	400	U	400	180
1330-20-7	Xylenes, Total	800	U	800	170
124-48-1	Chlorodibromomethane	400	U	400	160

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-022 | Lab Sample ID: 240-165834-23

Matrix: Water | Lab File ID: U1927348.D

Analysis Method: 8260D | Date Collected: 04/28/2022 16:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:03

Soil Aliquot Vol: | Dilution Factor: 400

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	95		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927348.D
Lims ID: 240-165834-B-23
Client ID: GW-042822-SS-022
Sample Type: Client
Inject. Date: 06-May-2022 17:03:46 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Sample Info: 240-0118300-023
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:58:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	772903	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	559263	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	267729	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	215177	19.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	261340	20.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	705291	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	236638	18.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	82	4973	0.3465	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.195	4.183	0.012	93	3547	0.2549	
35 1,1-Dichloroethane	63	4.550	4.538	0.012	95	6027	0.3523	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	320702	27.1	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.404	5.392	0.012	98	12937	0.7871	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	204462	17.7	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

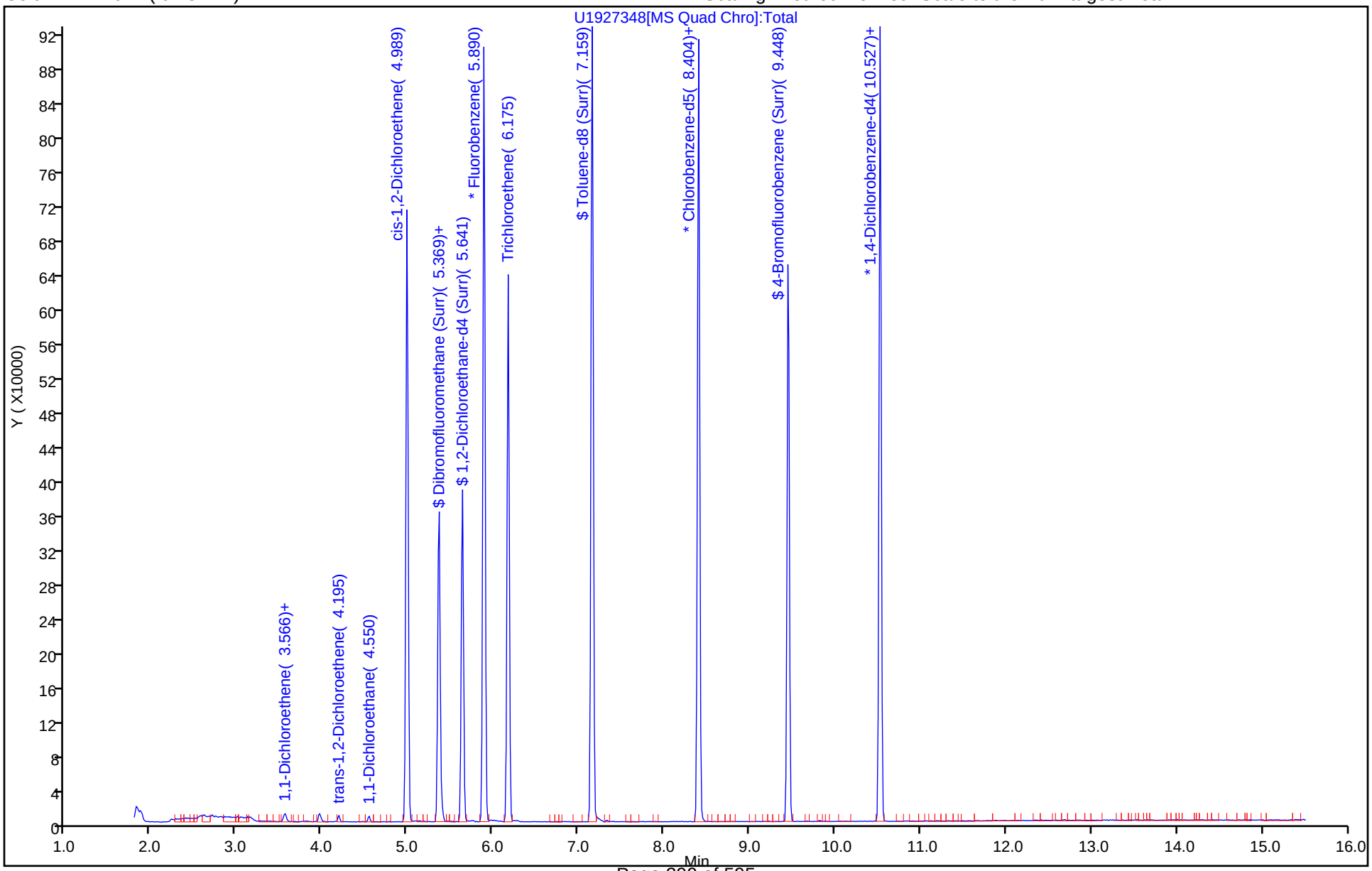
Report Date: 09-May-2022 07:58:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927348.D

Injection Date:	06-May-2022 17:03:46	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-23	Lab Sample ID:	240-165834-23	Worklist Smp#:	23
Client ID:	GW-042822-SS-022				
Purge Vol:	5.000 mL	Dil. Factor:	400.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927348.D
Lims ID: 240-165834-B-23
Client ID: GW-042822-SS-022
Sample Type: Client
Inject. Date: 06-May-2022 17:03:46 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 400.0000
Sample Info: 240-0118300-023
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:58:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	19.0	38062.47
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.6	41128.76
$ 6 Toluene-d8 (Surr)	20.0	20.7	41479.95
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	37861.96

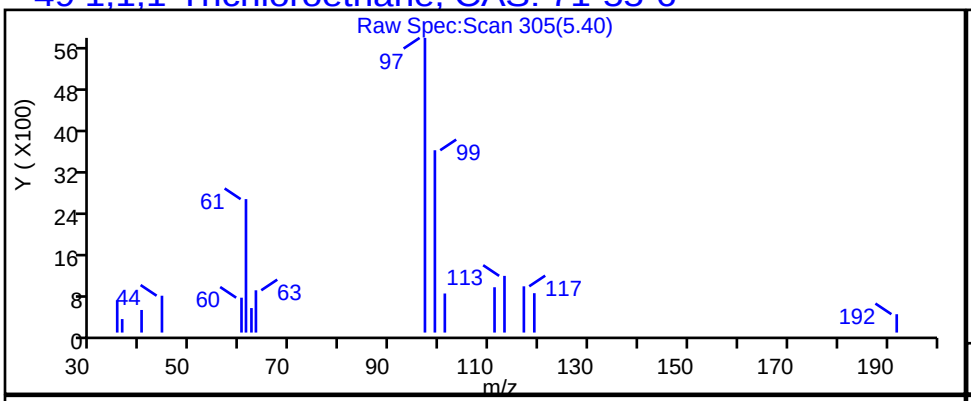
Report Date: 09-May-2022 07:58:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

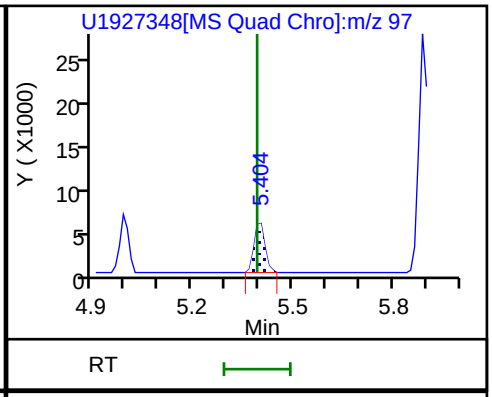
Eurofins Canton

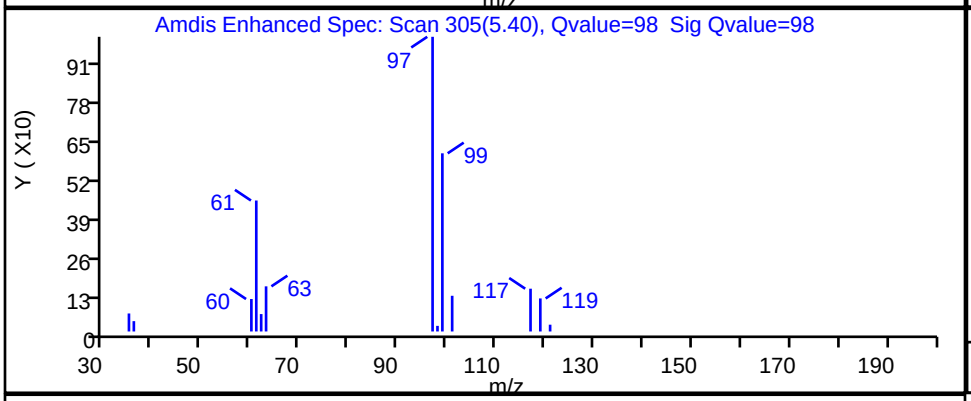
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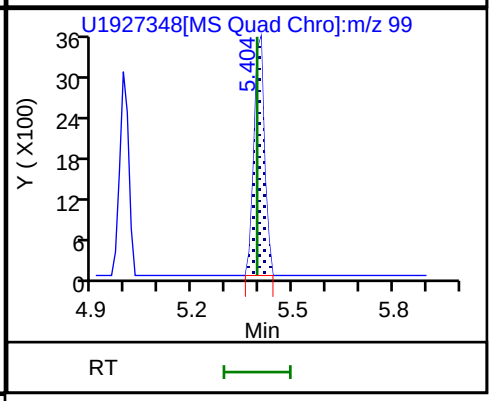
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Lims ID:	240-165834-B-23	Lab Sample ID:	240-165834-23		
Client ID:	GW-042822-SS-022				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

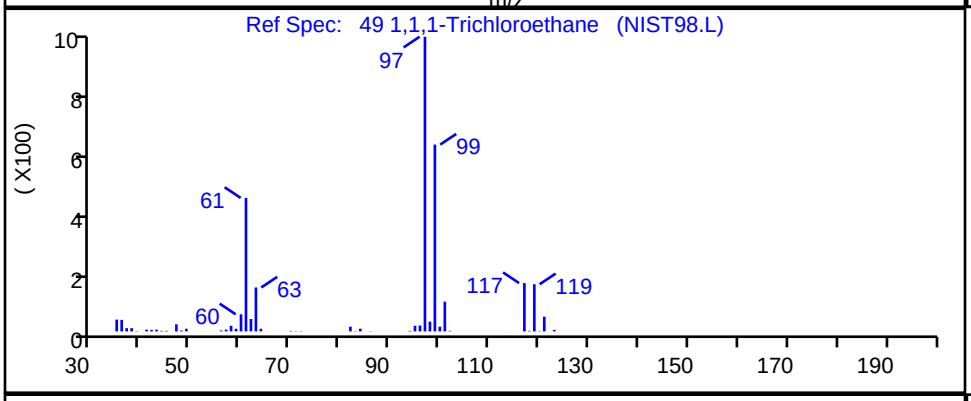
49 1,1,1-Trichloroethane, CAS: 71-55-6

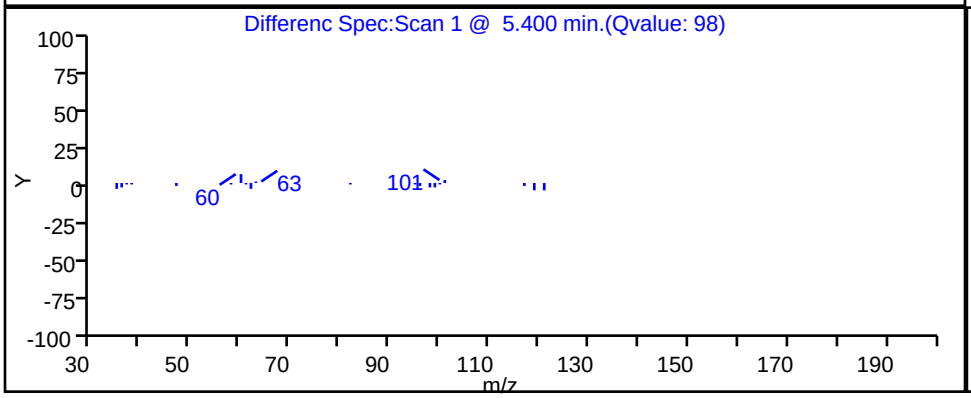


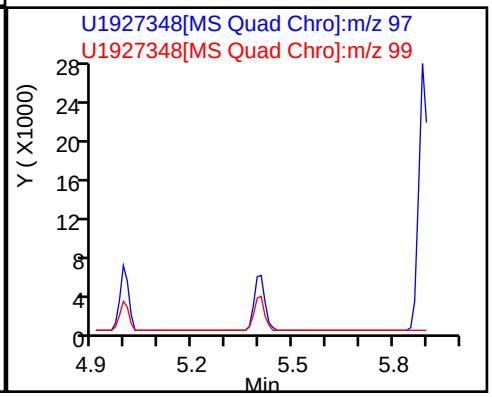












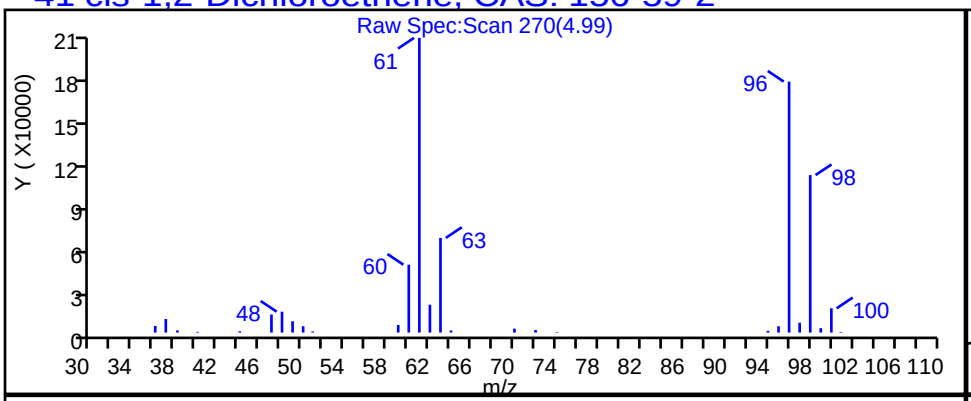
Report Date: 09-May-2022 07:58:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

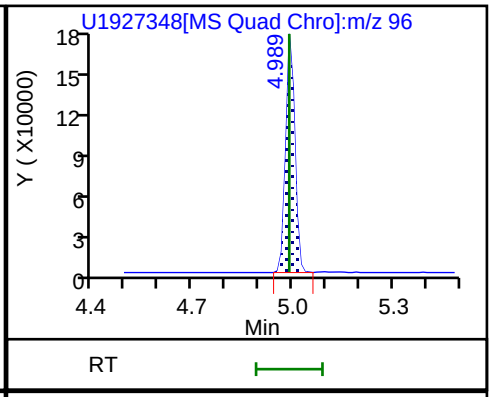
Eurofins Canton

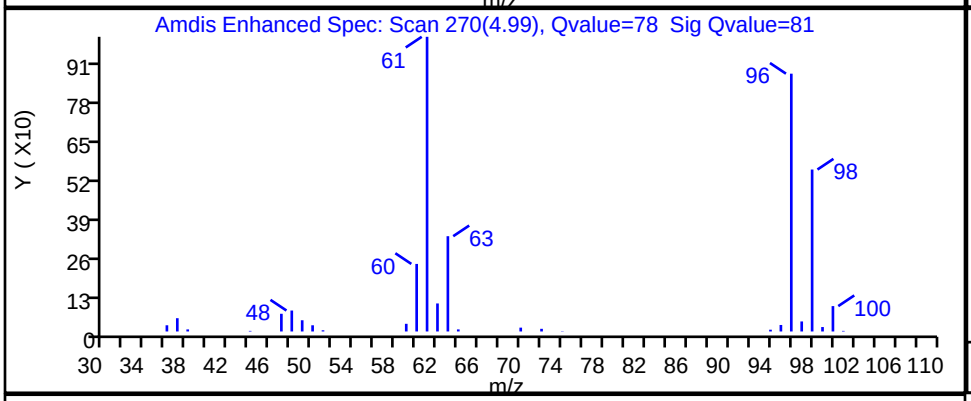
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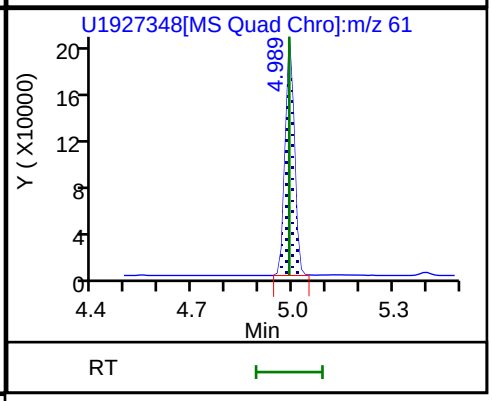
Injection Date:	06-May-2022 17:03:46	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-23	Lab Sample ID:	240-165834-23		
Client ID:	GW-042822-SS-022				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

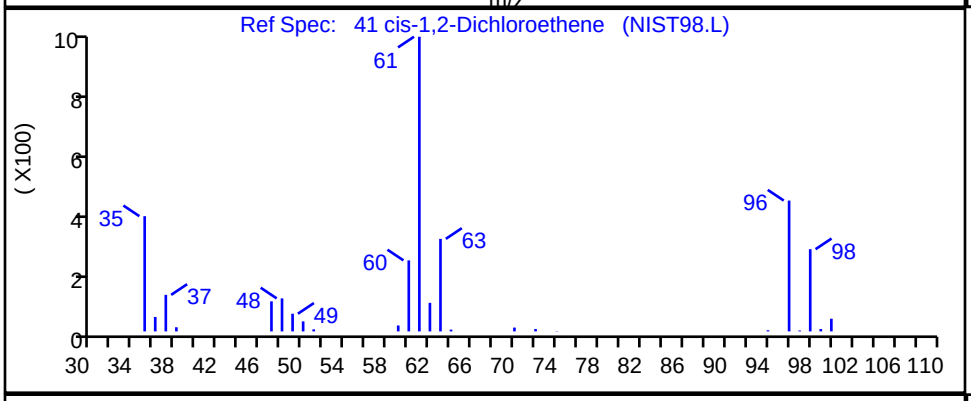
41 cis-1,2-Dichloroethene, CAS: 156-59-2

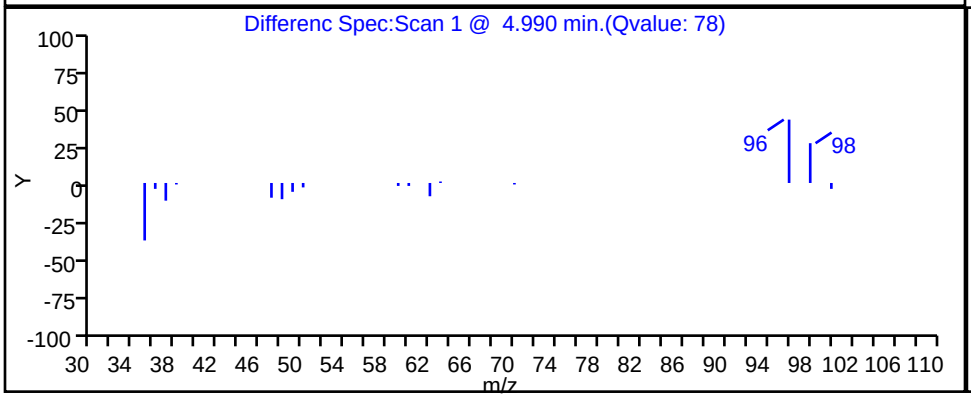


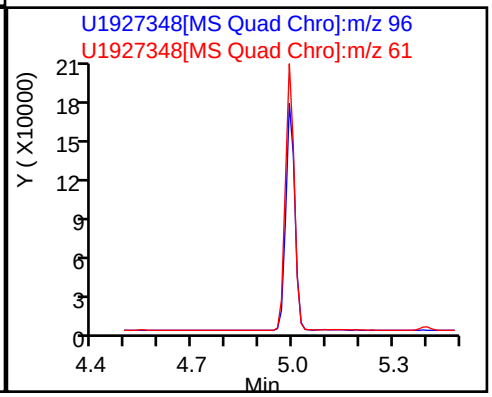












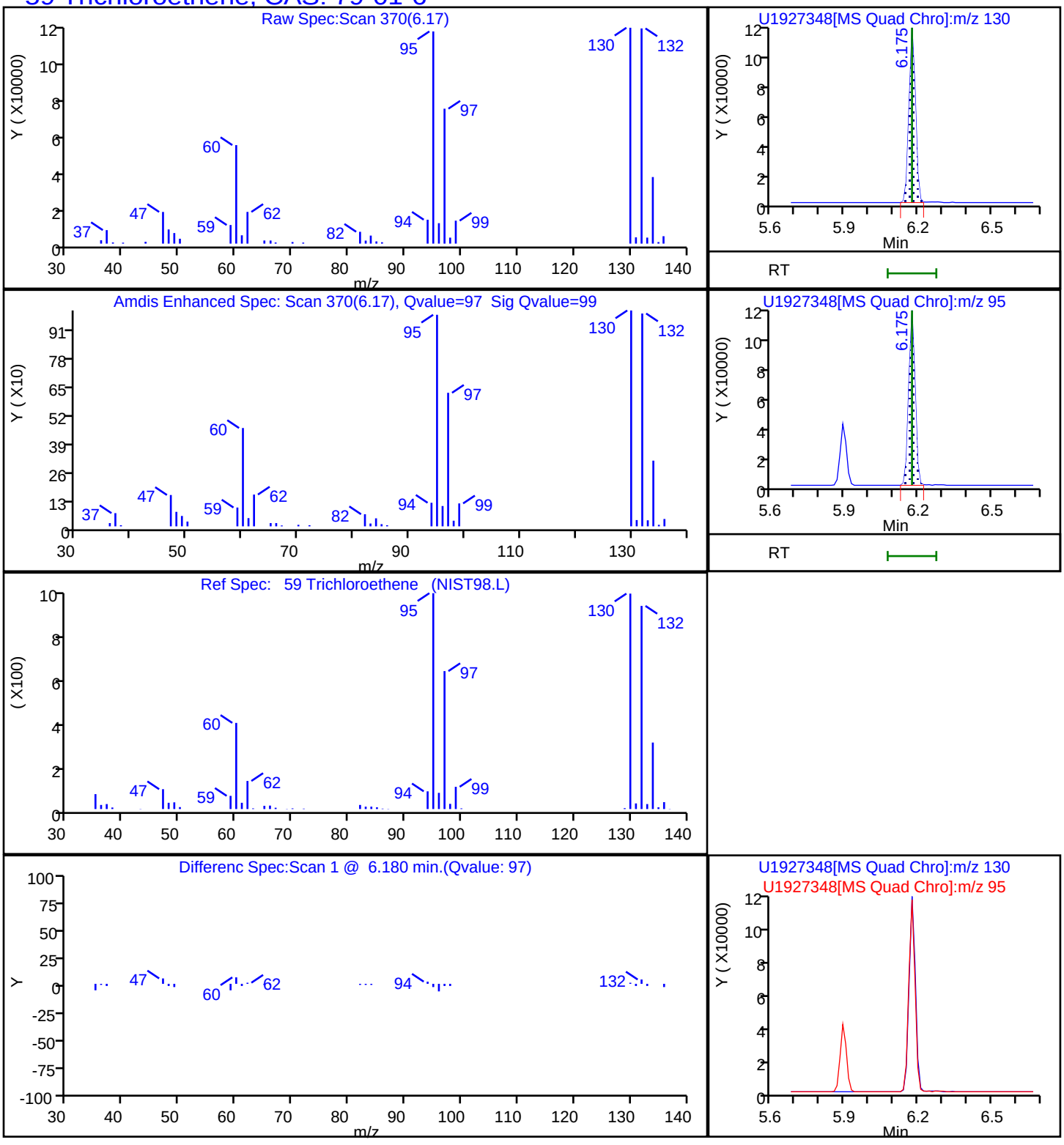
Report Date: 09-May-2022 07:58:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927348.D

Injection Date:	06-May-2022 17:03:46	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-23	Lab Sample ID:	240-165834-23		
Client ID:	GW-042822-SS-022				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	400.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-023 | Lab Sample ID: 240-165834-24

Matrix: Water | Lab File ID: U1927349.D

Analysis Method: 8260D | Date Collected: 04/29/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:26

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	120		40	19
79-34-5	1,1,2,2-Tetrachloroethane	40	U	40	24
79-00-5	1,1,2-Trichloroethane	40	U	40	19
75-34-3	1,1-Dichloroethane	130		40	19
75-35-4	1,1-Dichloroethene	40	U	40	20
107-06-2	1,2-Dichloroethane	40	U	40	8.4
78-87-5	1,2-Dichloropropane	40	U	40	19
591-78-6	2-Hexanone	400	U	400	44
67-64-1	Acetone	400	U	400	220
71-43-2	Benzene	40	U	40	17
75-25-2	Bromoform	40	U	40	30
74-83-9	Bromomethane	40	U	40	17
75-15-0	Carbon disulfide	40	U	40	24
56-23-5	Carbon tetrachloride	40	U	40	10
108-90-7	Chlorobenzene	40	U	40	15
75-00-3	Chloroethane	40	U	40	33
67-66-3	Chloroform	40	U	40	19
74-87-3	Chloromethane	40	U	40	25
156-59-2	cis-1,2-Dichloroethene	950		40	18
10061-01-5	cis-1,3-Dichloropropene	40	U	40	24
75-27-4	Dichlorobromomethane	40	U	40	6.8
100-41-4	Ethylbenzene	40	U	40	17
78-93-3	2-Butanone (MEK)	400	U	400	46
108-10-1	4-Methyl-2-pentanone (MIBK)	400	U	400	40
75-09-2	Methylene Chloride	200	U	200	100
100-42-5	Styrene	40	U	40	18
127-18-4	Tetrachloroethene	40	U	40	18
108-88-3	Toluene	40	U	40	18
156-60-5	trans-1,2-Dichloroethene	40	U	40	20
10061-02-6	trans-1,3-Dichloropropene	40	U	40	27
79-01-6	Trichloroethene	410		40	18
75-01-4	Vinyl chloride	320		40	18
1330-20-7	Xylenes, Total	80	U	80	17
124-48-1	Chlorodibromomethane	40	U	40	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-023 | Lab Sample ID: 240-165834-24

Matrix: Water | Lab File ID: U1927349.D

Analysis Method: 8260D | Date Collected: 04/29/2022 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:26

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927349.D
Lims ID: 240-165834-B-24
Client ID: GW-042922-SS-023
Sample Type: Client
Inject. Date: 06-May-2022 17:26:06 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118300-024
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:58:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	785834	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	571562	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	268830	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	216798	18.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	260950	20.2	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	720840	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	236513	18.5	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	110419	7.96	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	36	2228	0.1527	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	96	6081	0.4298	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	55881	3.21	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	285058	23.7	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	48458	2.90	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	96	121102	10.3	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

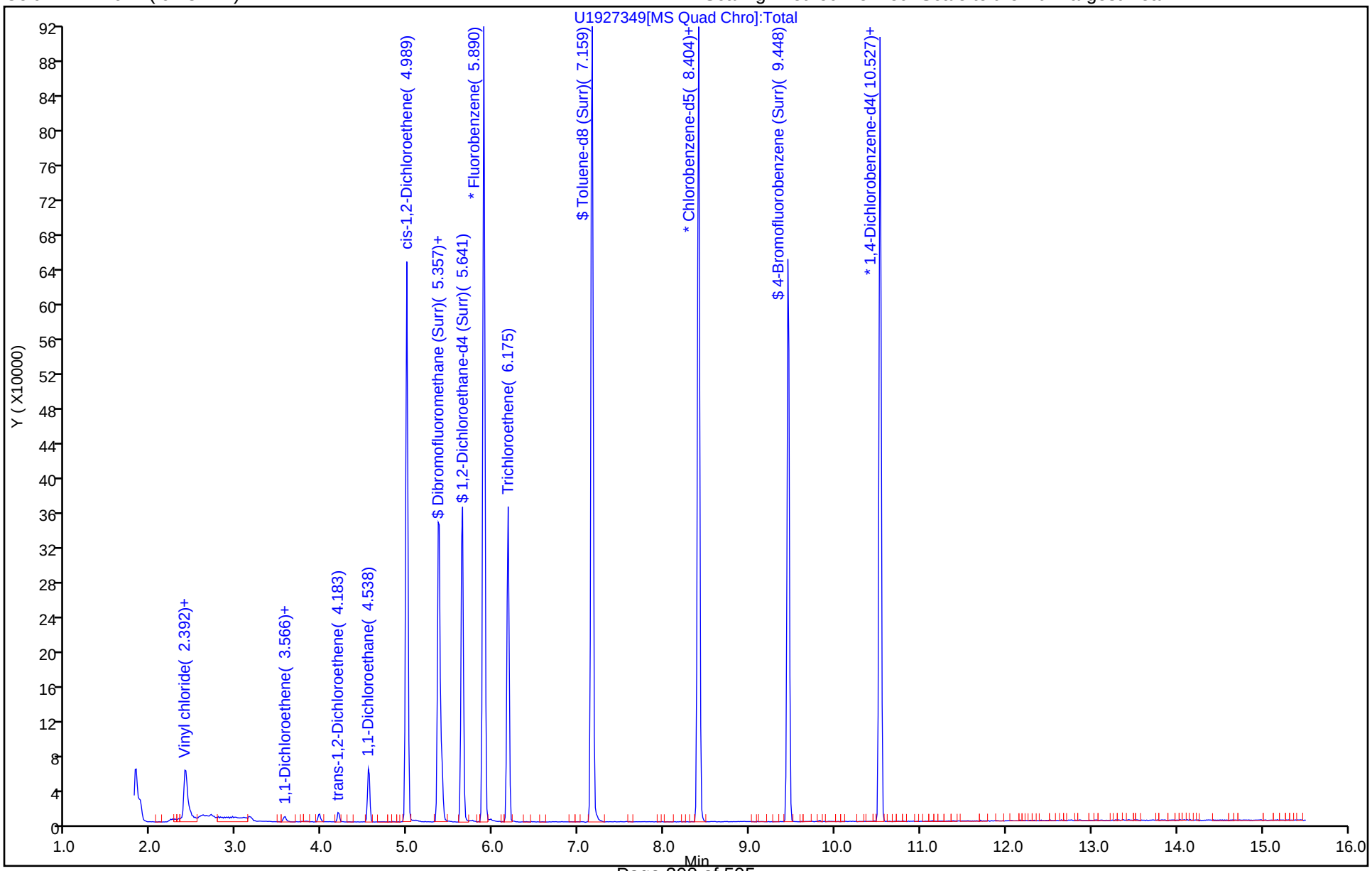
Report Date: 09-May-2022 07:58:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927349.D

Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24	Worklist Smp#:	24
Client ID:	GW-042922-SS-023				
Purge Vol:	5.000 mL	Dil. Factor:	40.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927349.D				
Lims ID:	240-165834-B-24				
Client ID:	GW-042922-SS-023				
Sample Type:	Client				
Inject. Date:	06-May-2022 17:26:06	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Sample Info:	240-0118300-024				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	06-May-2022 18:41:16	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1607				

First Level Reviewer: laveyt Date: 09-May-2022 07:58:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.9	3771.82
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	4039.16
$ 6 Toluene-d8 (Surr)	20.0	20.7	4148.22
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.5	3702.77

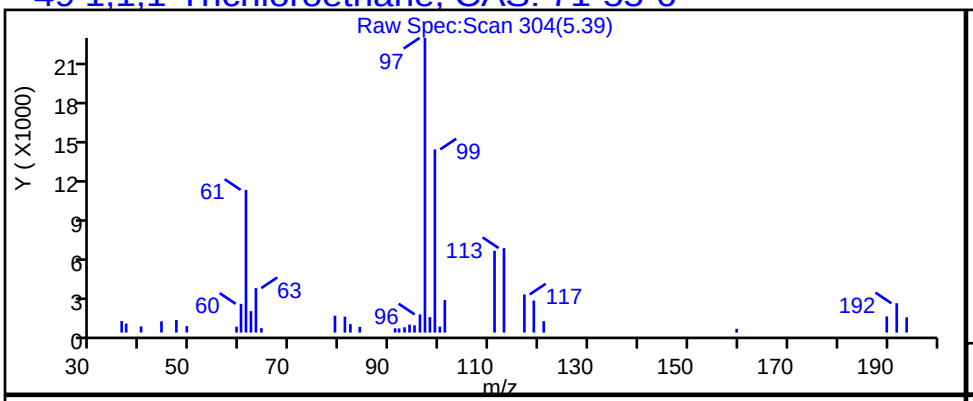
Report Date: 09-May-2022 07:58:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

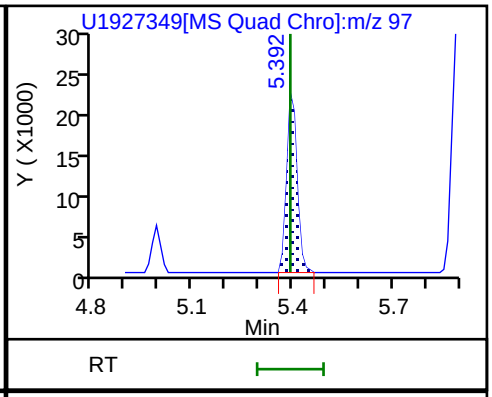
Eurofins Canton

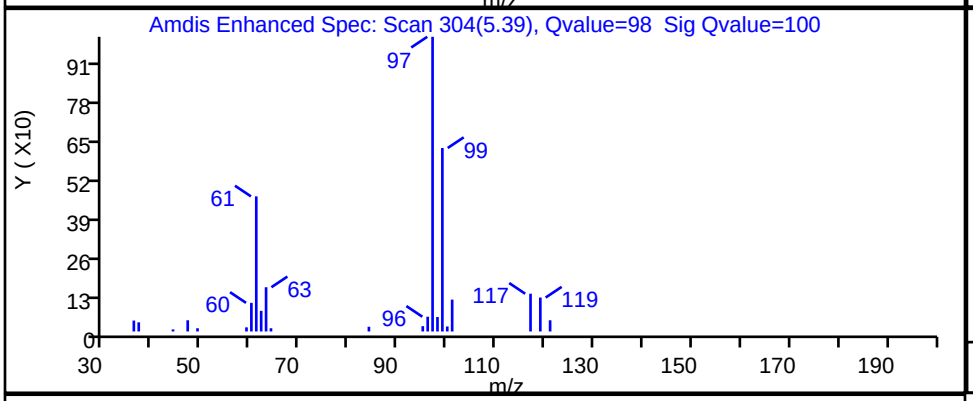
Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927349.D

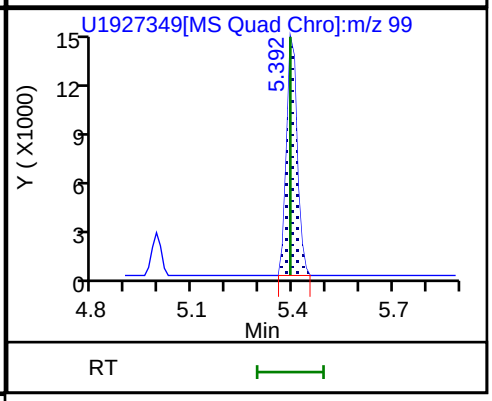
Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24		
Client ID:	GW-042922-SS-023				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

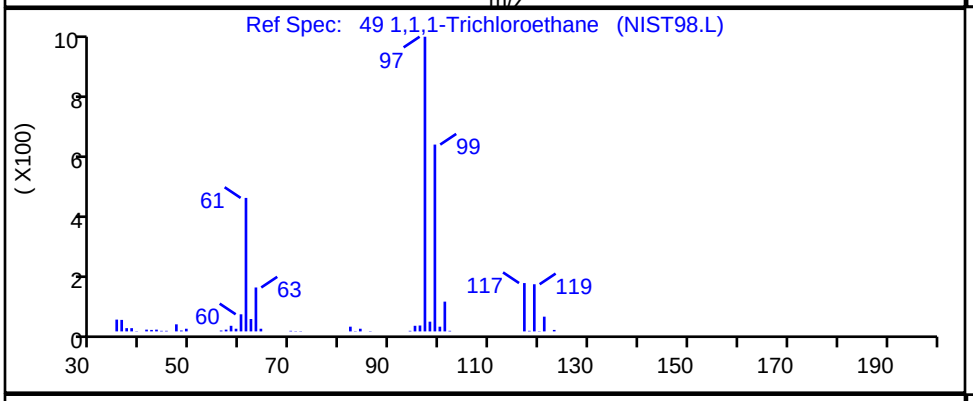
49 1,1,1-Trichloroethane, CAS: 71-55-6

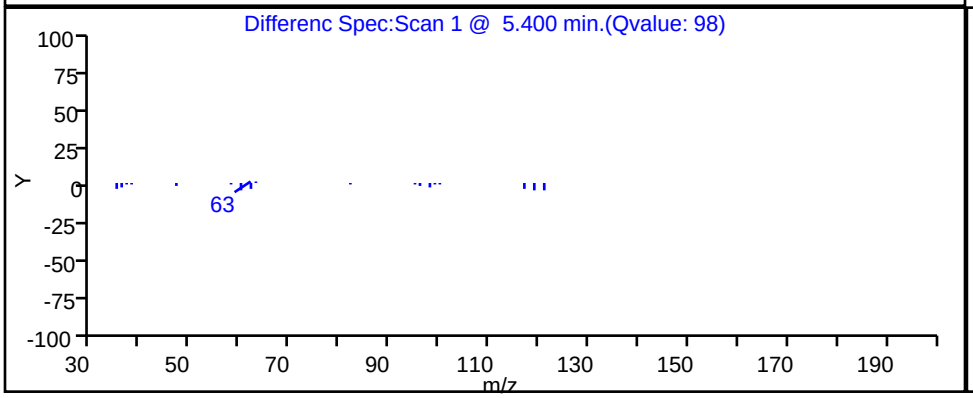


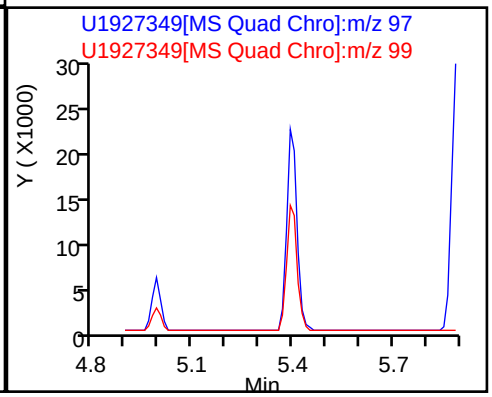












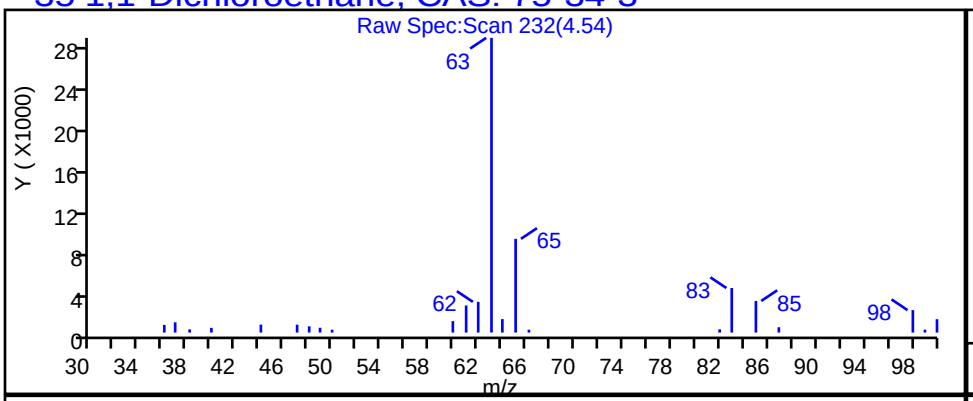
Report Date: 09-May-2022 07:58:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

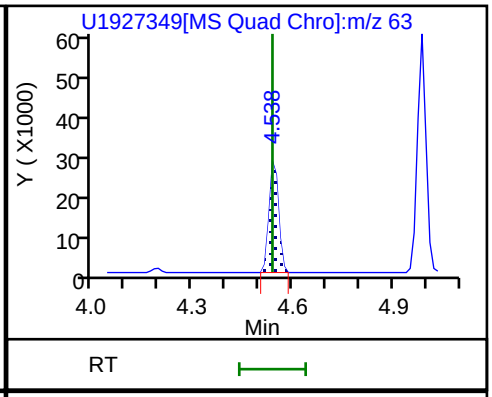
Eurofins Canton

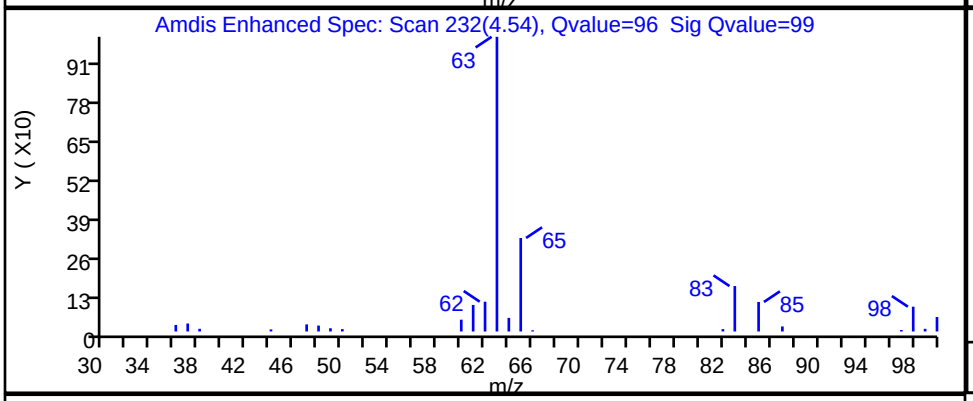
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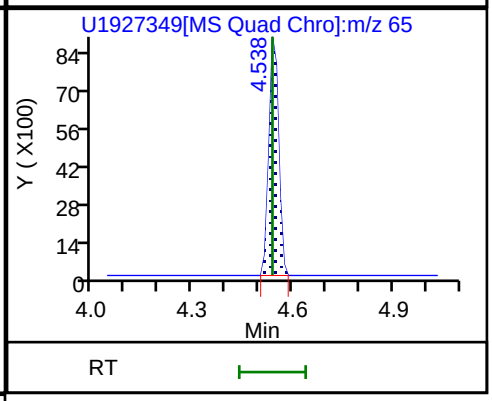
Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24		
Client ID:	GW-042922-SS-023				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

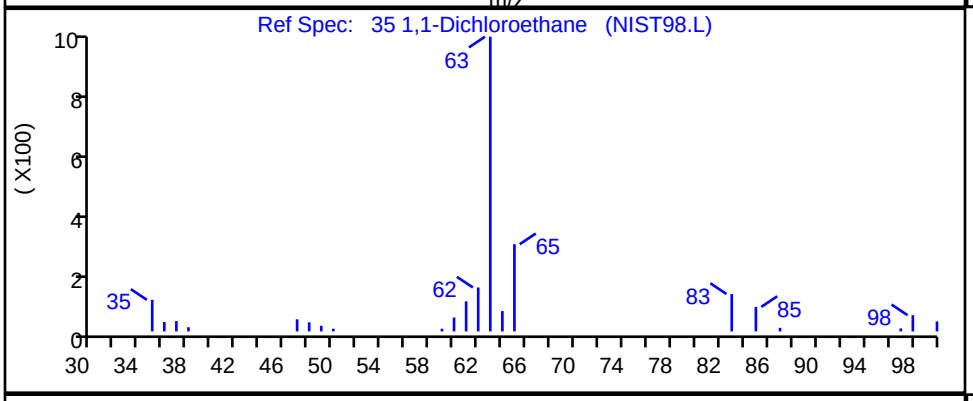
35 1,1-Dichloroethane, CAS: 75-34-3

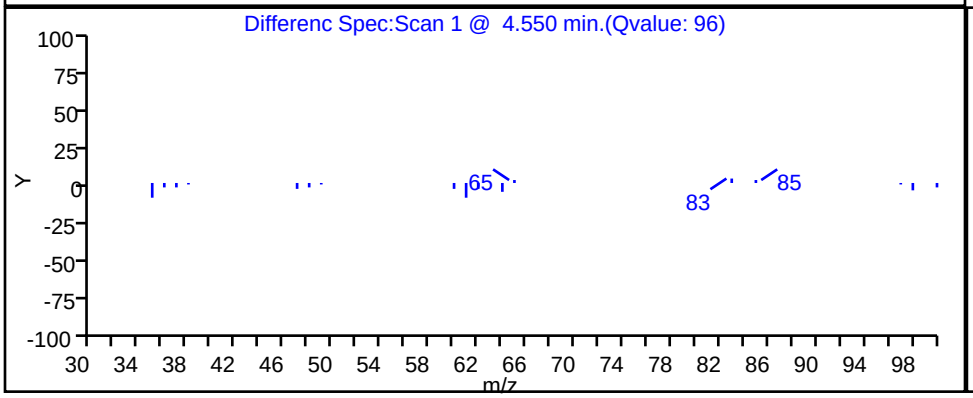


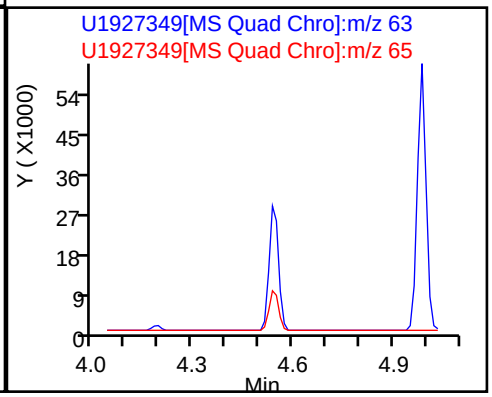












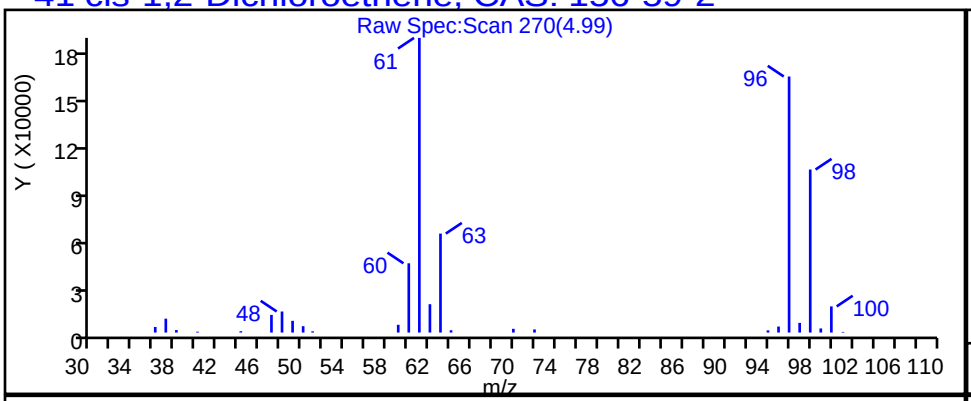
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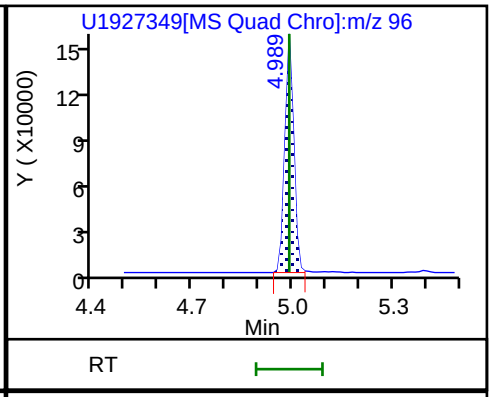
Eurofins Canton

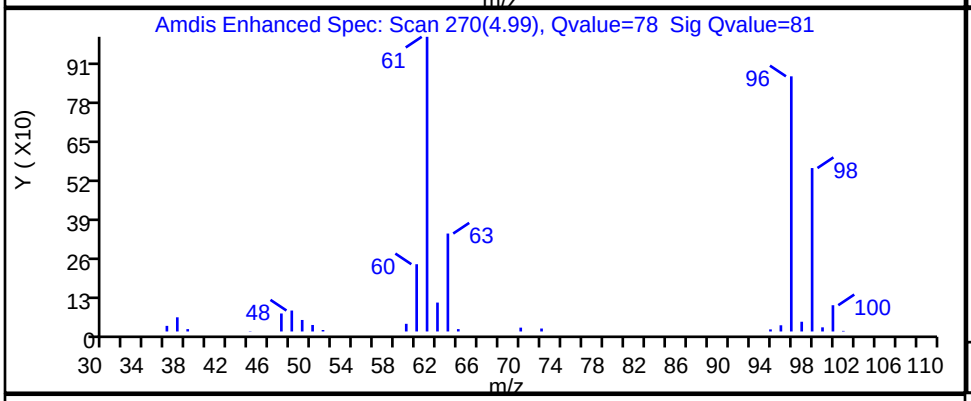
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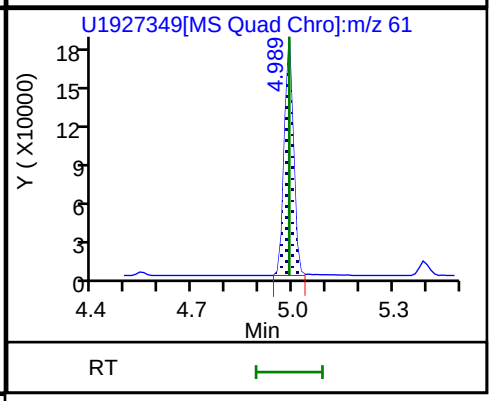
Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24		
Client ID:	GW-042922-SS-023				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

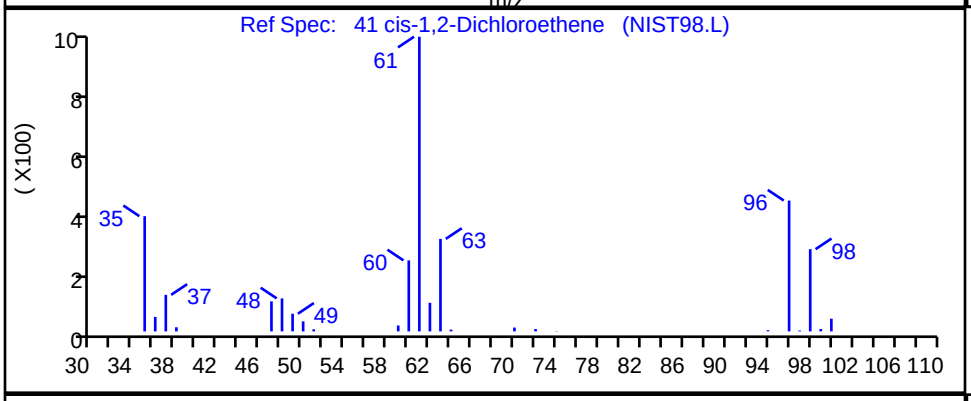
41 cis-1,2-Dichloroethene, CAS: 156-59-2

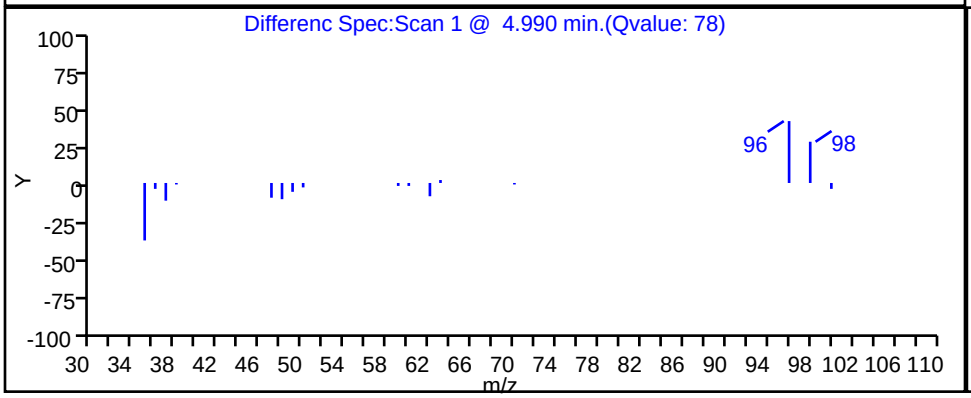


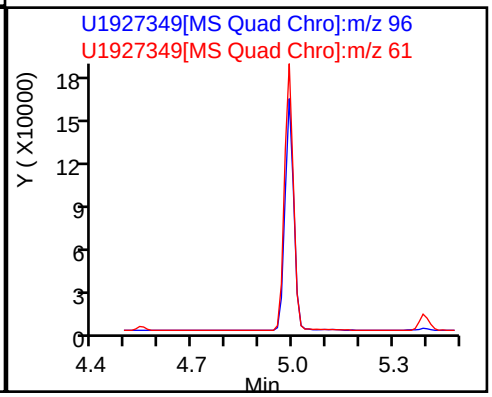










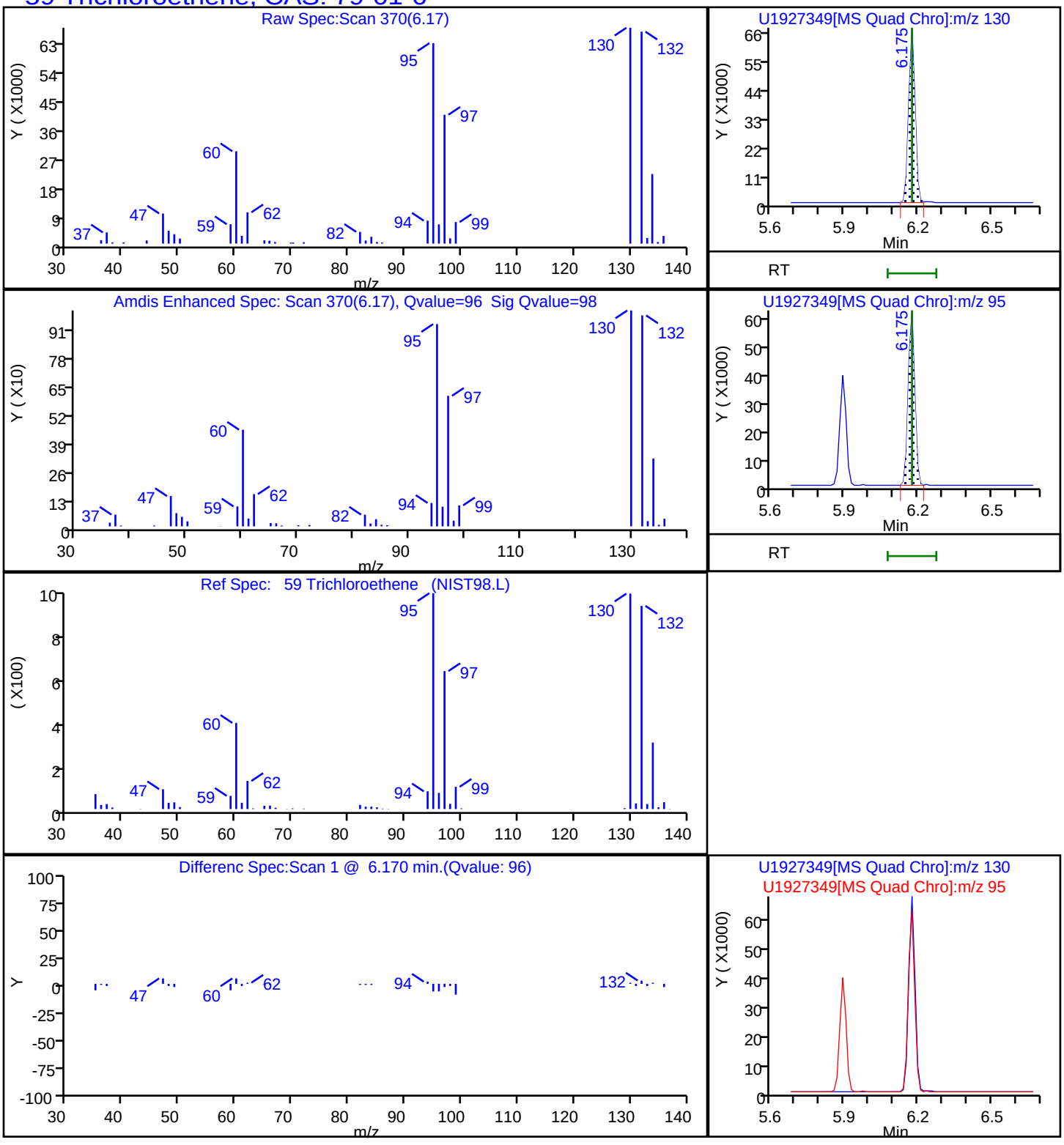


Report Date: 09-May-2022 07:58:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927349.D				
Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24		
Client ID:	GW-042922-SS-023				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



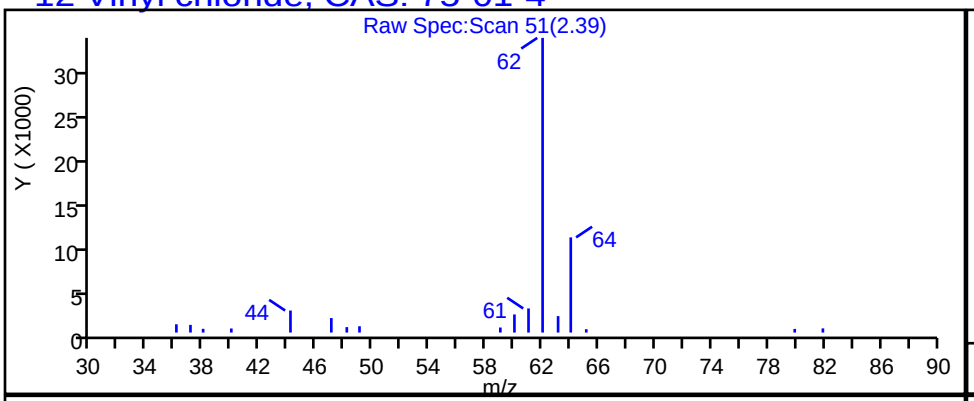
Report Date: 09-May-2022 07:58:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

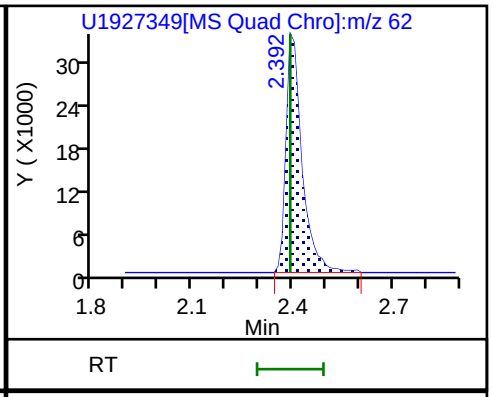
Eurofins Canton

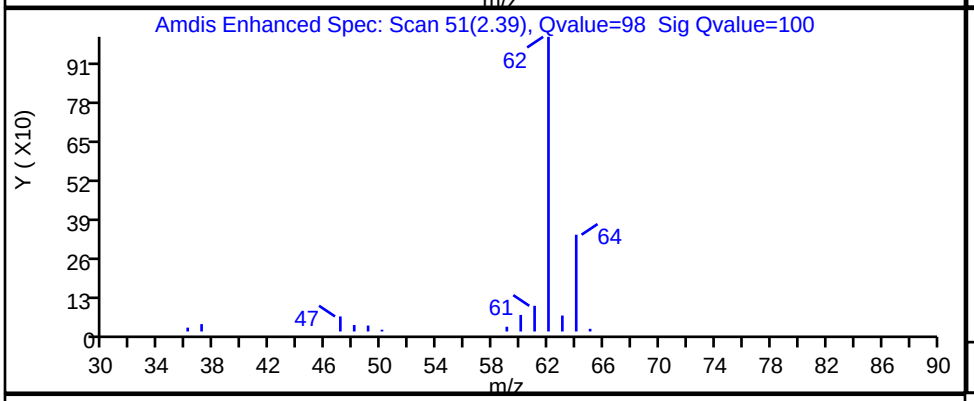
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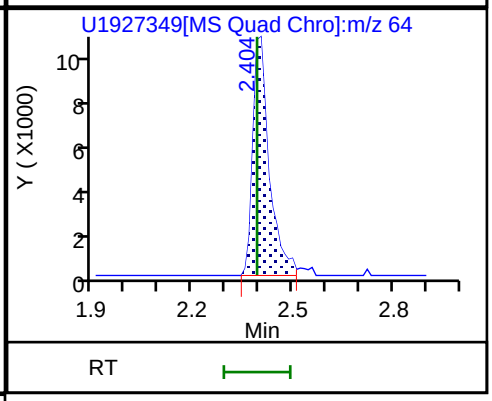
Injection Date:	06-May-2022 17:26:06	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-24	Lab Sample ID:	240-165834-24		
Client ID:	GW-042922-SS-023				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	40.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

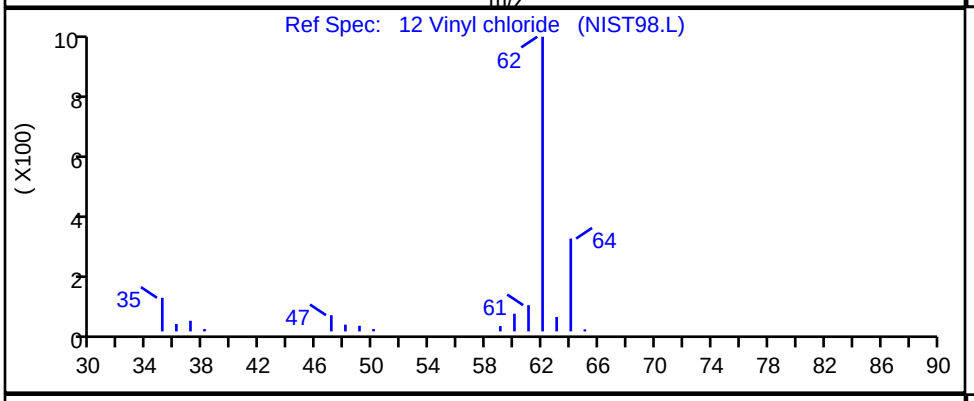
12 Vinyl chloride, CAS: 75-01-4

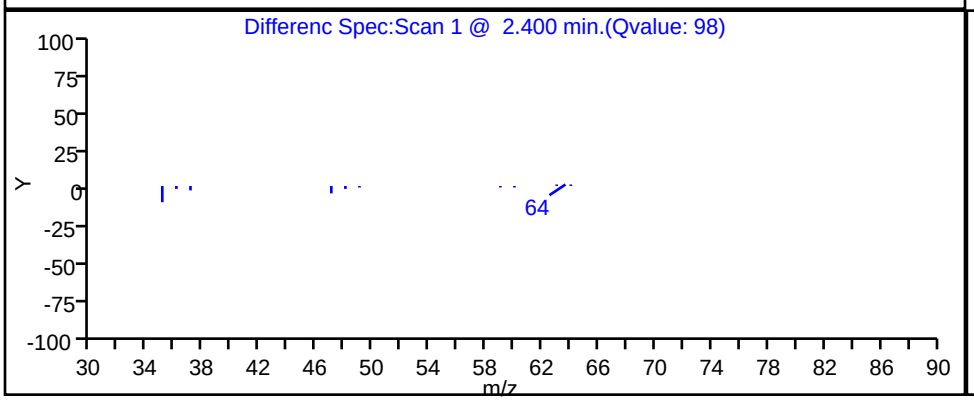


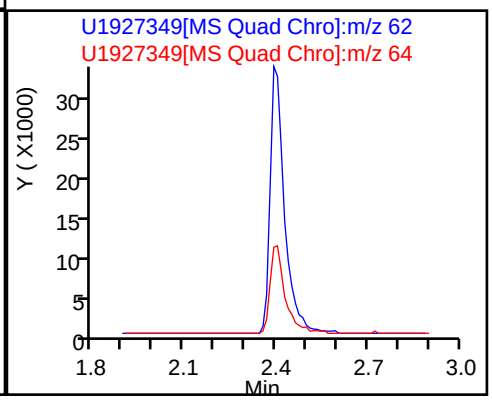












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-024 | Lab Sample ID: 240-165834-25

Matrix: Water | Lab File ID: U1927350.D

Analysis Method: 8260D | Date Collected: 04/29/2022 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-024 | Lab Sample ID: 240-165834-25

Matrix: Water | Lab File ID: U1927350.D

Analysis Method: 8260D | Date Collected: 04/29/2022 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		62-137
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	95		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927350.D
Lims ID: 240-165834-B-25
Client ID: GW-042922-SS-024
Sample Type: Client
Inject. Date: 06-May-2022 17:48:36 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-025
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	740001	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	543751	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	257218	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	205857	19.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	257293	21.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	683614	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	224566	18.5	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63	4.550	4.538	0.012	90	2363	0.1442	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	7
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130	6.175	6.175	0.000	73	1396	0.1260	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

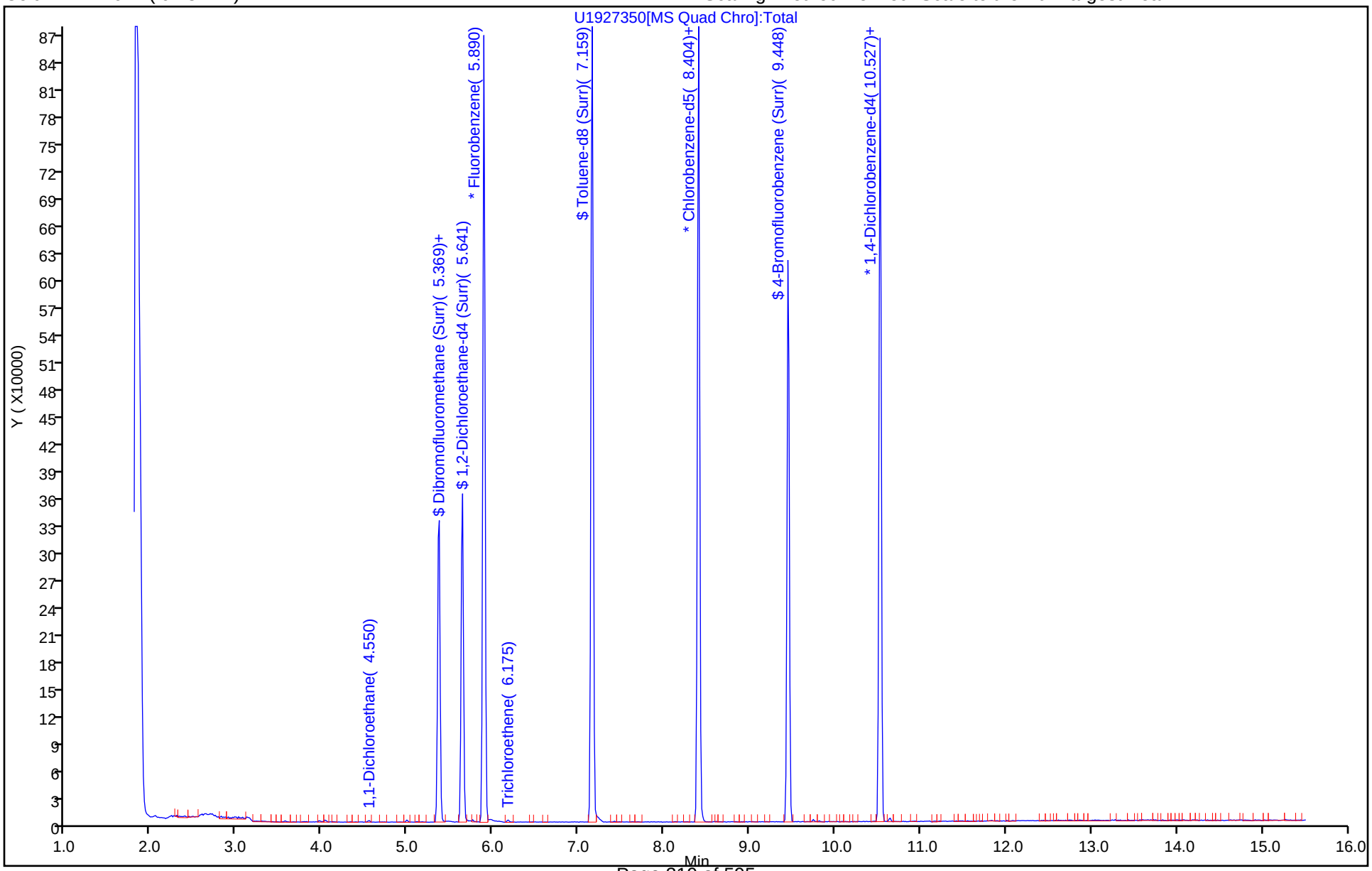
Report Date: 09-May-2022 07:59:03 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927350.D

Injection Date:	06-May-2022 17:48:36	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-25	Lab Sample ID:	240-165834-25	Worklist Smp#:	25
Client ID:	GW-042922-SS-024				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927350.D
Lims ID: 240-165834-B-25
Client ID: GW-042922-SS-024
Sample Type: Client
Inject. Date: 06-May-2022 17:48:36 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-025
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	19.0	95.08
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	21.1	105.73
$ 6 Toluene-d8 (Surr)	20.0	20.7	103.38
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.5	92.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-025 | Lab Sample ID: 240-165834-26

Matrix: Water | Lab File ID: U1927351.D

Analysis Method: 8260D | Date Collected: 04/29/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:10

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	100	U	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	2100		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	63	J	100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	100	U	100	44
75-01-4	Vinyl chloride	410		100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-025 | Lab Sample ID: 240-165834-26

Matrix: Water | Lab File ID: U1927351.D

Analysis Method: 8260D | Date Collected: 04/29/2022 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:10

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	95		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927351.D
Lims ID: 240-165834-B-26
Client ID: GW-042922-SS-025
Sample Type: Client
Inject. Date: 06-May-2022 18:10:55 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	784147	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	572633	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	268835	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	218819	19.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	264415	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	715027	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	237956	18.6	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	56800	4.10	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.183	-0.001	96	8931	0.6326	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	77	253261	21.1	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

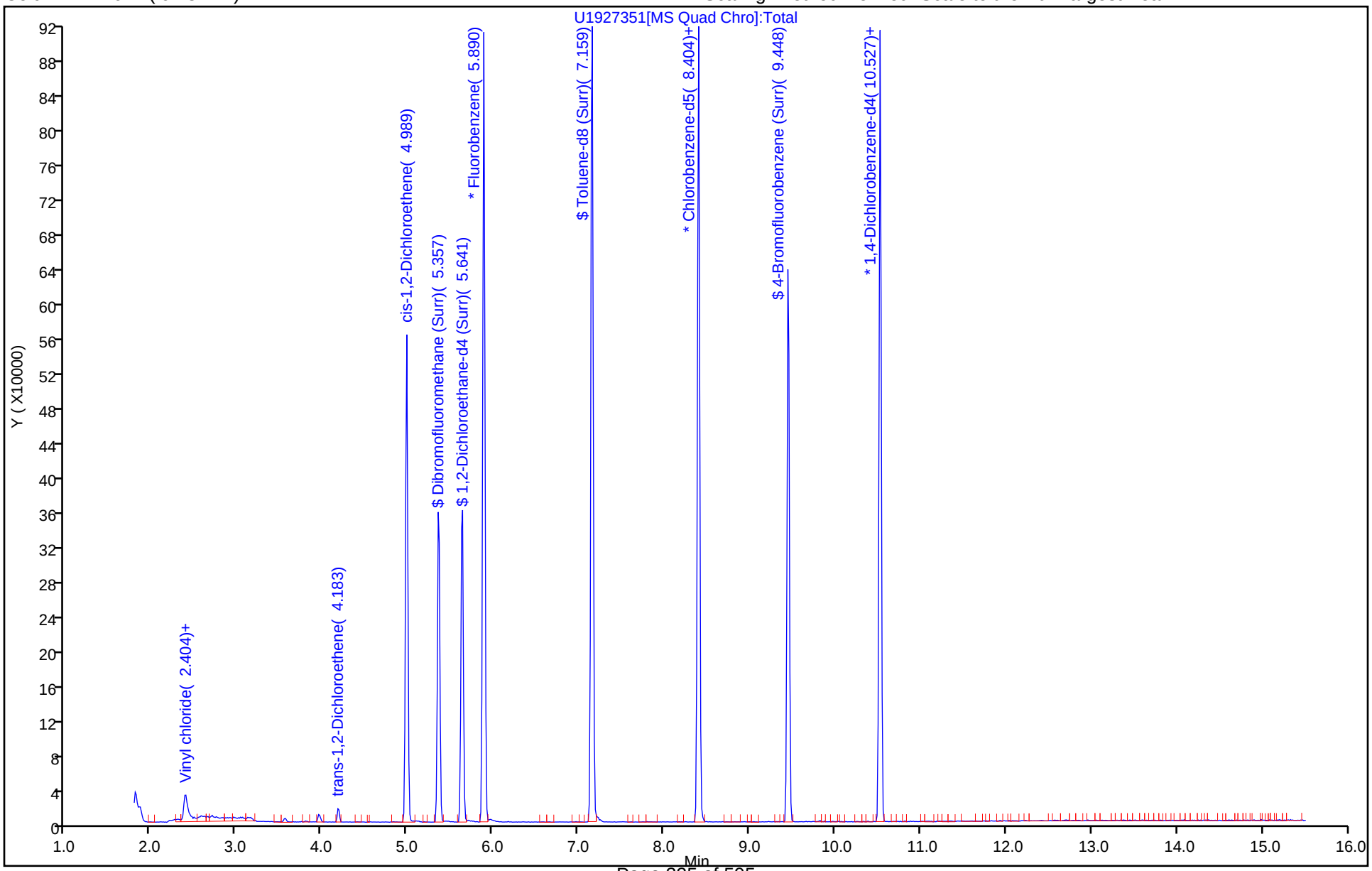
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927351.D

Injection Date:	06-May-2022 18:10:55	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-26	Lab Sample ID:	240-165834-26	Worklist Smp#:	26
Client ID:	GW-042922-SS-025				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927351.D
Lims ID: 240-165834-B-26
Client ID: GW-042922-SS-025
Sample Type: Client
Inject. Date: 06-May-2022 18:10:55 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	19.1	9537.92
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	10254.00
$ 6 Toluene-d8 (Surr)	20.0	20.5	10267.67
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.6	9295.98

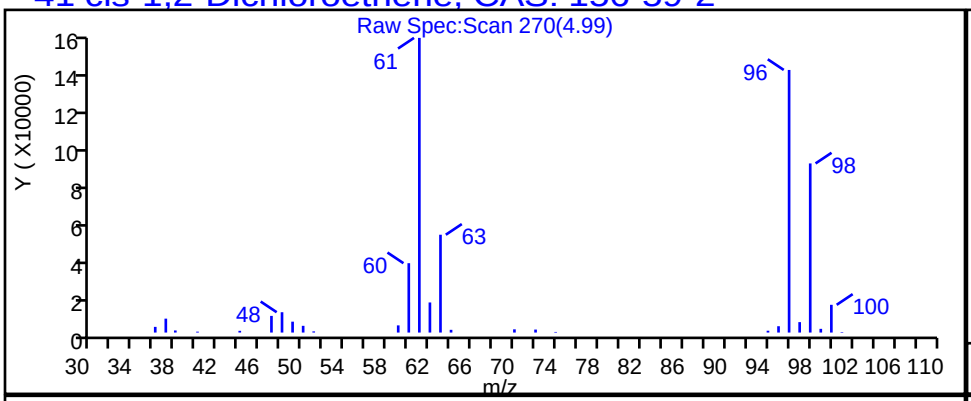
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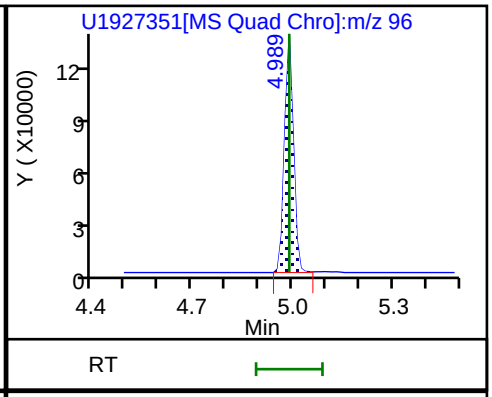
Eurofins Canton

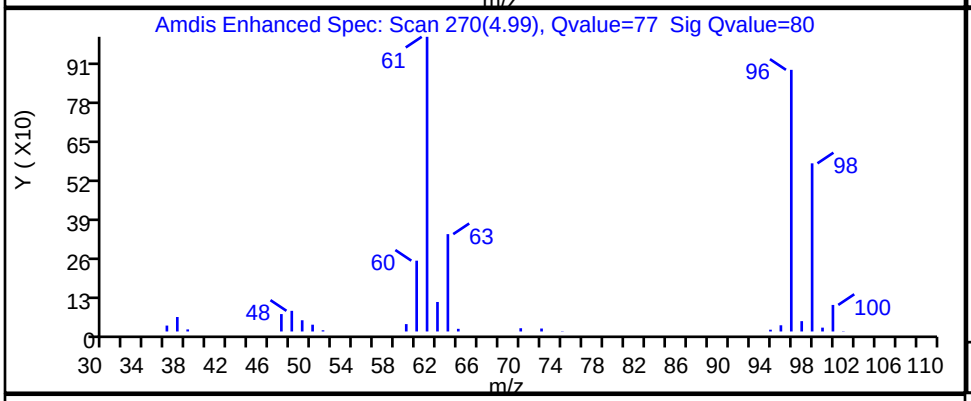
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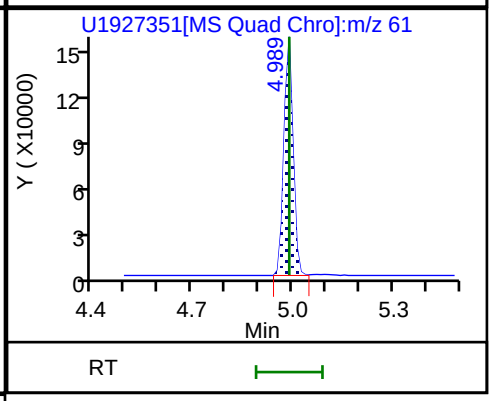
Injection Date:	06-May-2022 18:10:55	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-26	Lab Sample ID:	240-165834-26		
Client ID:	GW-042922-SS-025				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

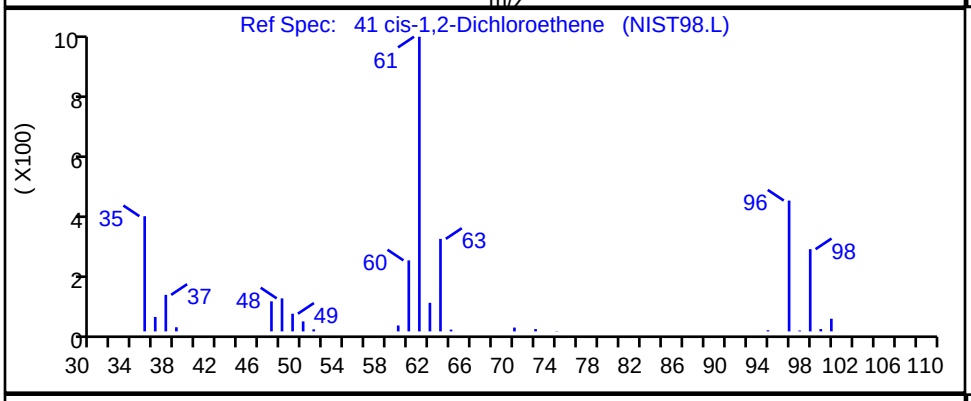
41 cis-1,2-Dichloroethene, CAS: 156-59-2

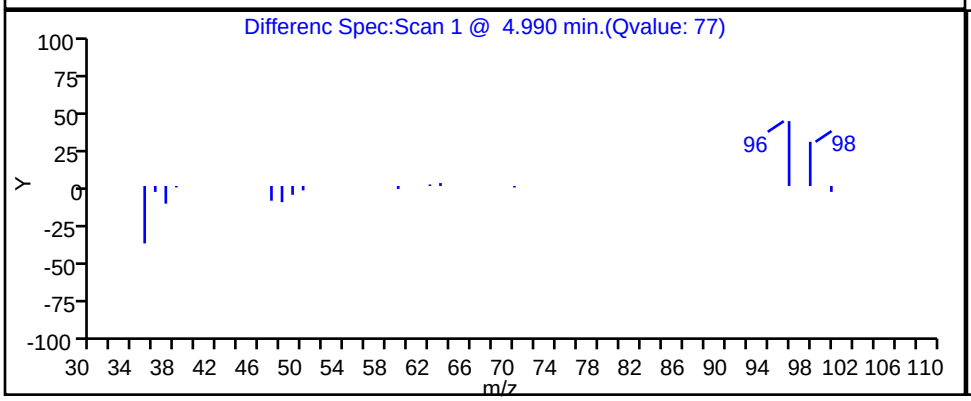


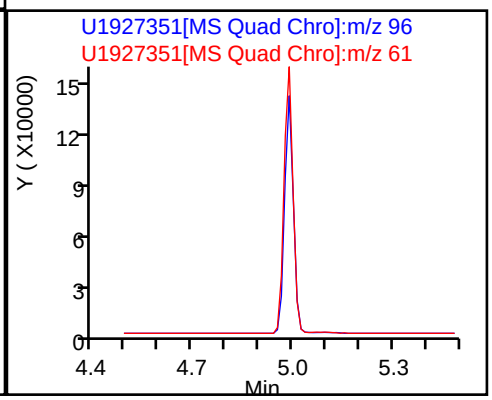












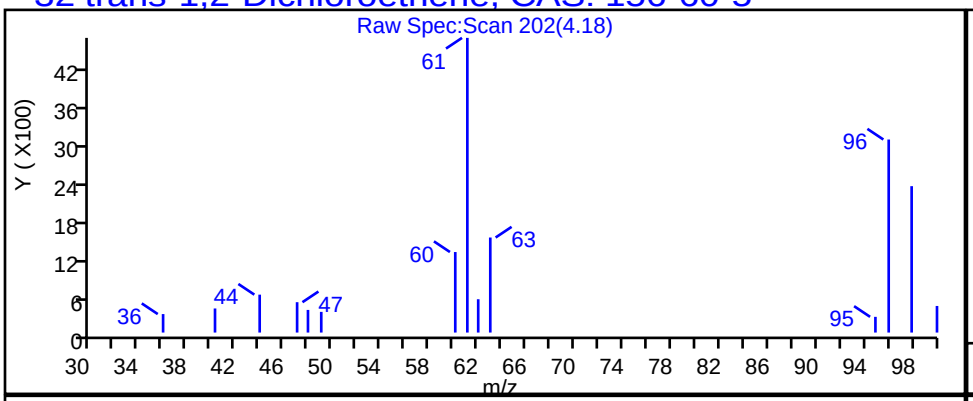
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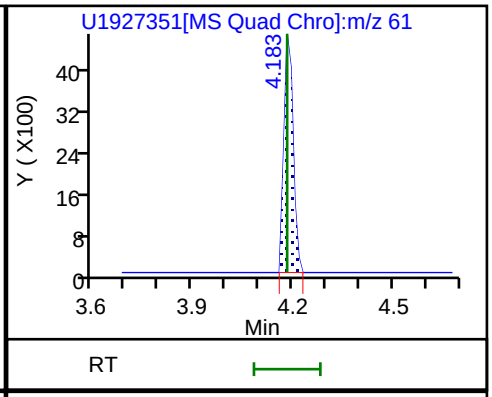
Eurofins Canton

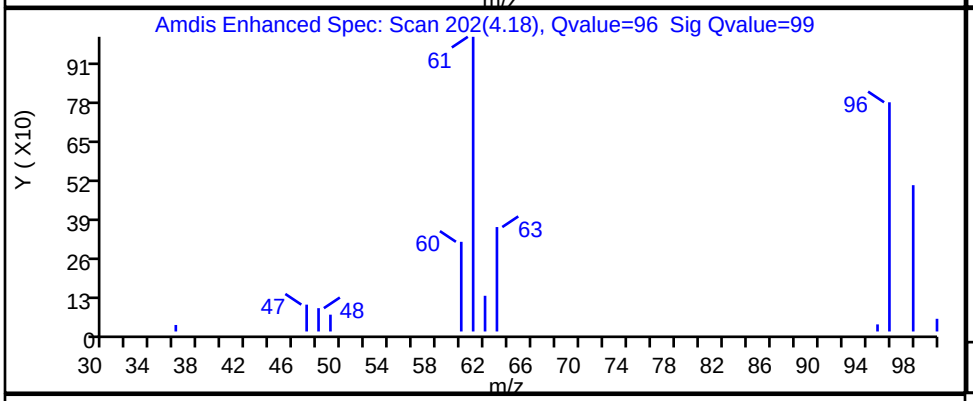
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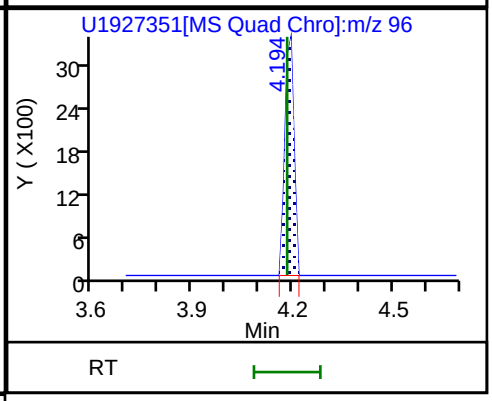
Injection Date:	06-May-2022 18:10:55	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-26	Lab Sample ID:	240-165834-26		
Client ID:	GW-042922-SS-025				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

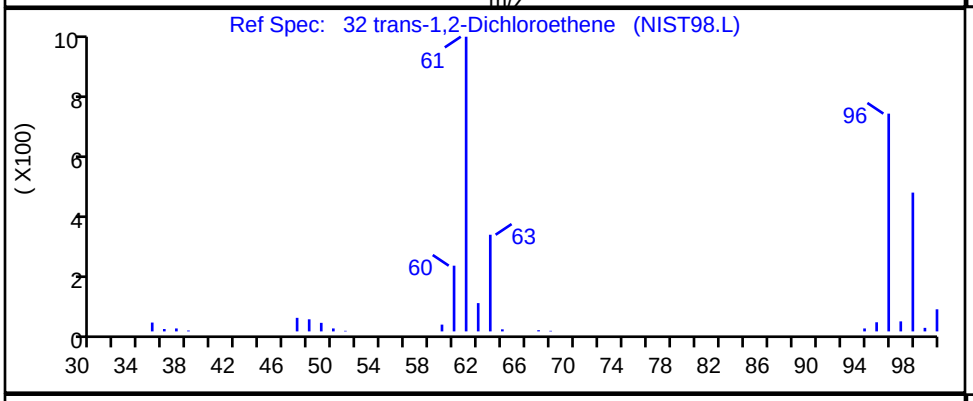
32 trans-1,2-Dichloroethene, CAS: 156-60-5

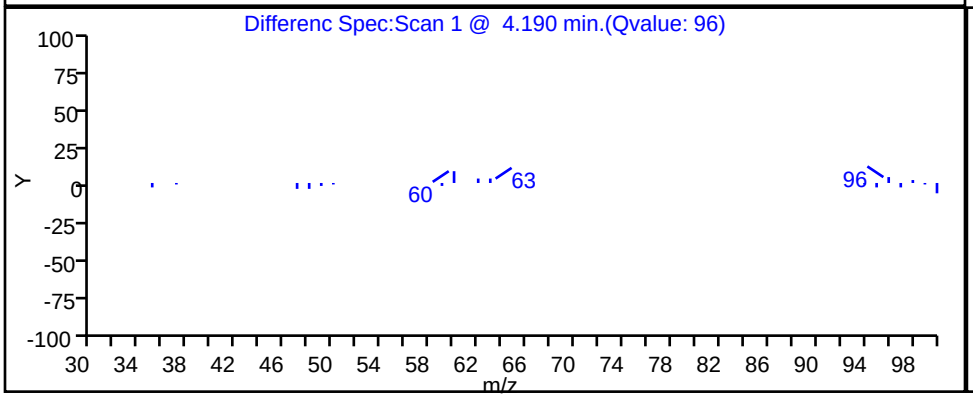


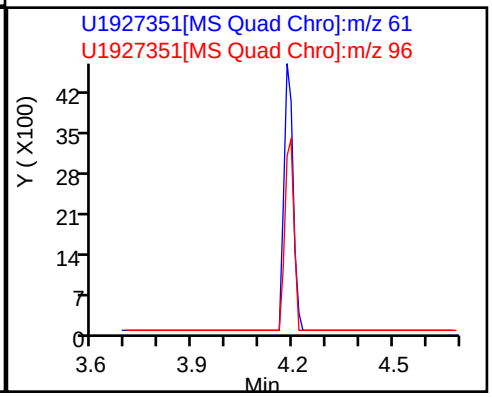












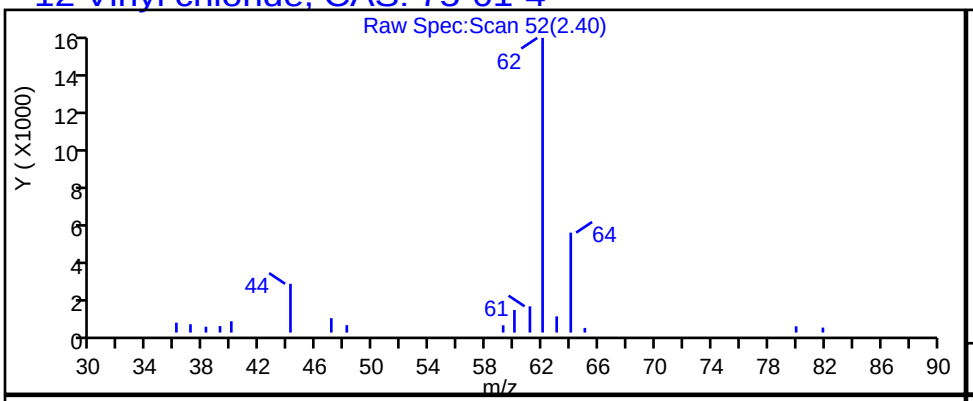
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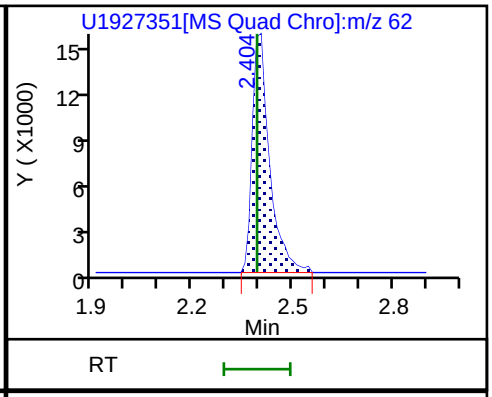
Eurofins Canton

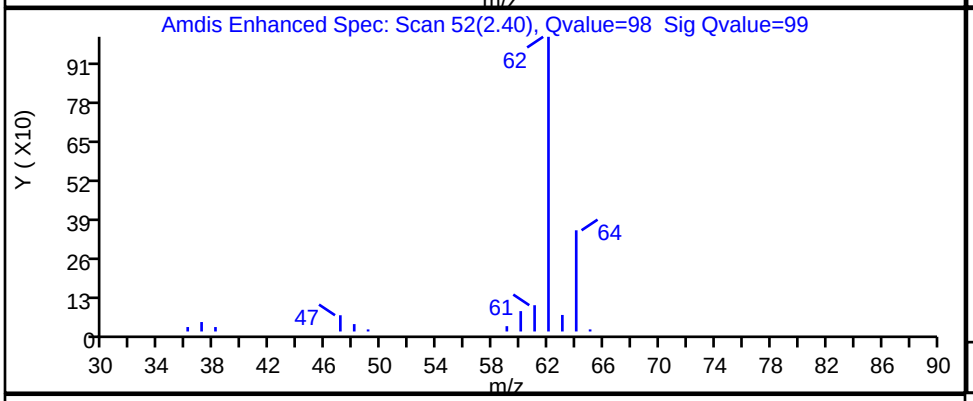
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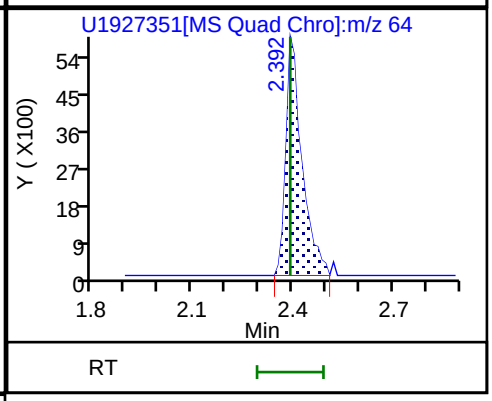
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Lims ID:	240-165834-B-26	Lab Sample ID:	240-165834-26		
Client ID:	GW-042922-SS-025				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

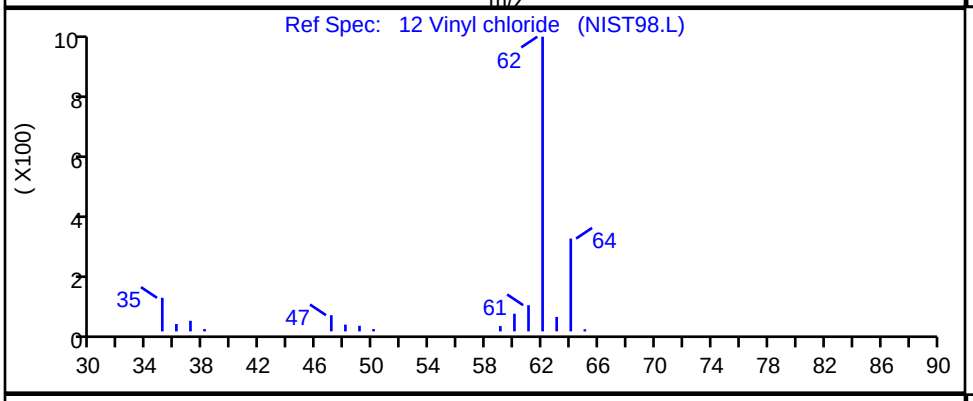
12 Vinyl chloride, CAS: 75-01-4

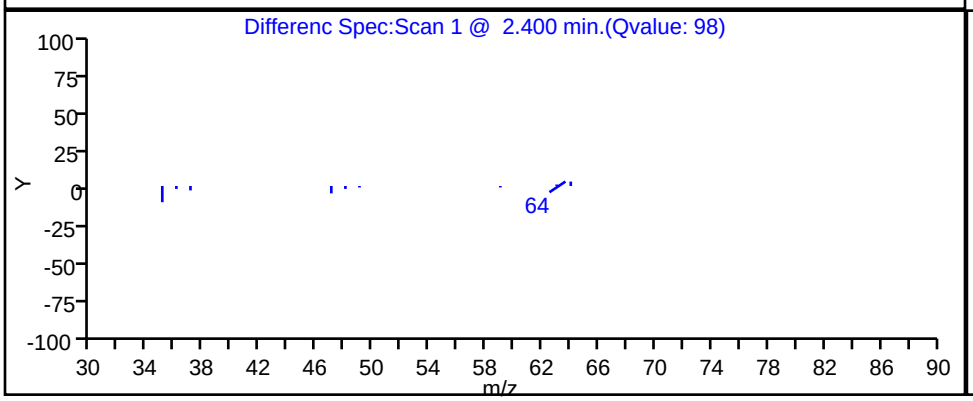


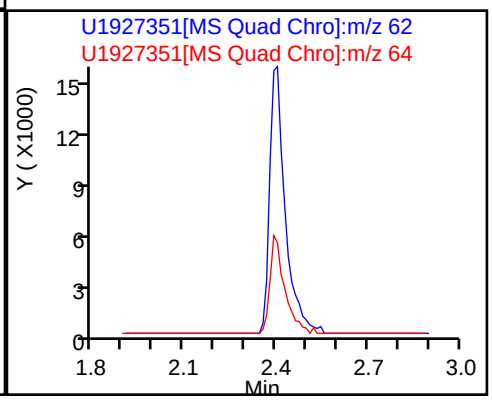












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-026 | Lab Sample ID: 240-165834-27

Matrix: Water | Lab File ID: U1927352.D

Analysis Method: 8260D | Date Collected: 04/29/2022 16:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:33

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	94	J	100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	3200		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	110		100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	970		100	44
75-01-4	Vinyl chloride	110		100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042922-SS-026 | Lab Sample ID: 240-165834-27

Matrix: Water | Lab File ID: U1927352.D

Analysis Method: 8260D | Date Collected: 04/29/2022 16:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:33

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927352.D
Lims ID: 240-165834-B-27
Client ID: GW-042922-SS-026
Sample Type: Client
Inject. Date: 06-May-2022 18:33:15 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-027
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	766484	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	553090	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	265503	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	209286	18.7	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	255304	20.3	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	697605	20.7	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	233663	18.9	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.404	2.392	0.012	96	15260	1.13	
	13 Bromomethane	94		2.748				ND	
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61	3.554	3.542	0.012	36	2044	0.1436	
	22 Acetone	43		3.566				ND	7
	25 Carbon disulfide	76		3.756				ND	7
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61	4.195	4.183	0.012	97	15847	1.15	
	35 1,1-Dichloroethane	63	4.550	4.538	0.012	96	15991	0.9424	
	40 2-Butanone (MEK)	72		4.953				ND	U
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	371108	31.6	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.523				ND	
	54 Benzene	78		5.677				ND	
	55 1,2-Dichloroethane	62		5.700				ND	
	59 Trichloroethene	130	6.175	6.175	0.000	98	111492	9.72	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.578				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.373				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

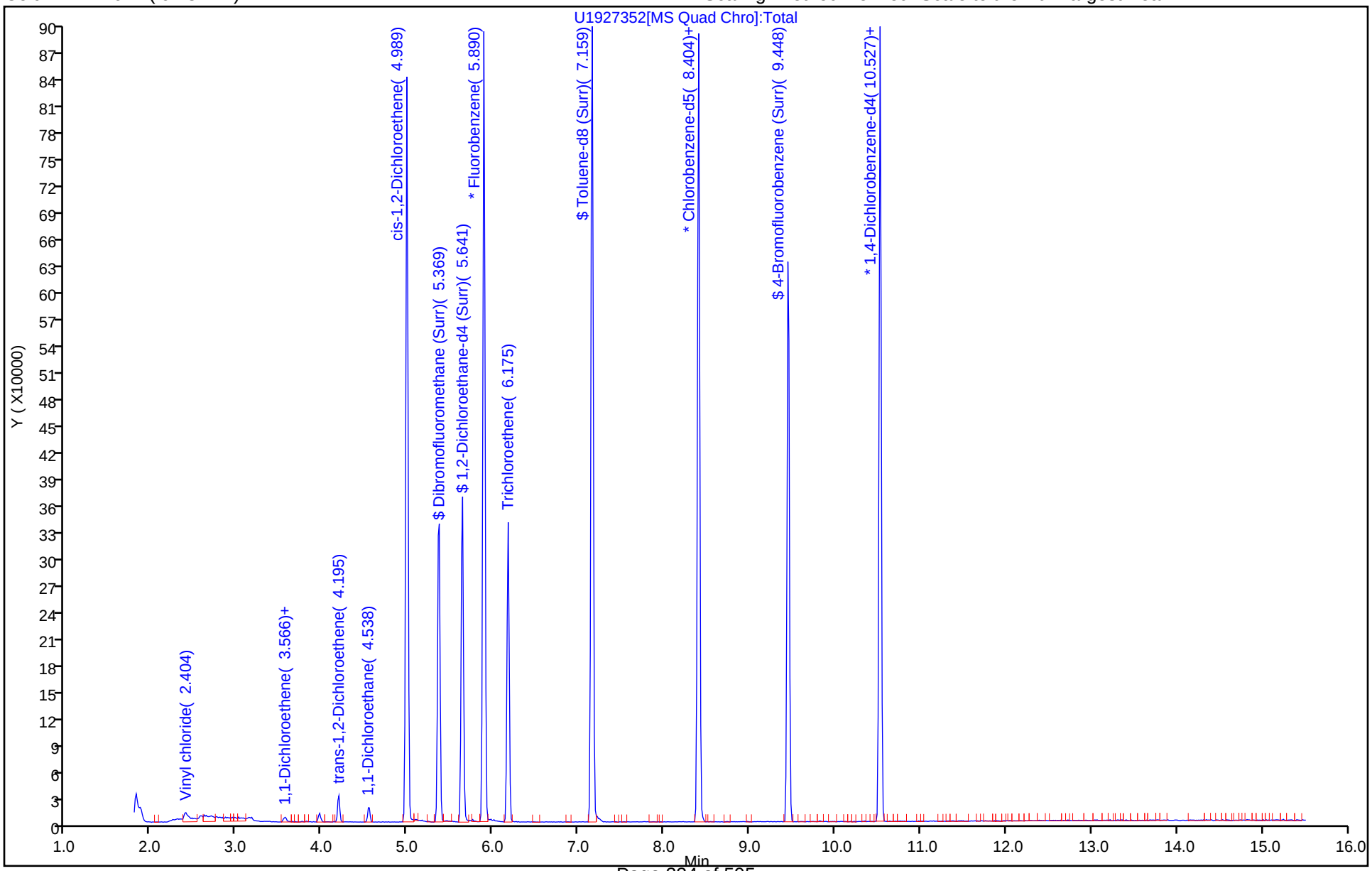
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927352.D

Injection Date:	06-May-2022 18:33:15	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27	Worklist Smp#:	27
Client ID:	GW-042922-SS-026				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927352.D
Lims ID: 240-165834-B-27
Client ID: GW-042922-SS-026
Sample Type: Client
Inject. Date: 06-May-2022 18:33:15 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-027
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	9332.61
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.3	10128.83
$ 6 Toluene-d8 (Surr)	20.0	20.7	10371.46
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	9450.81

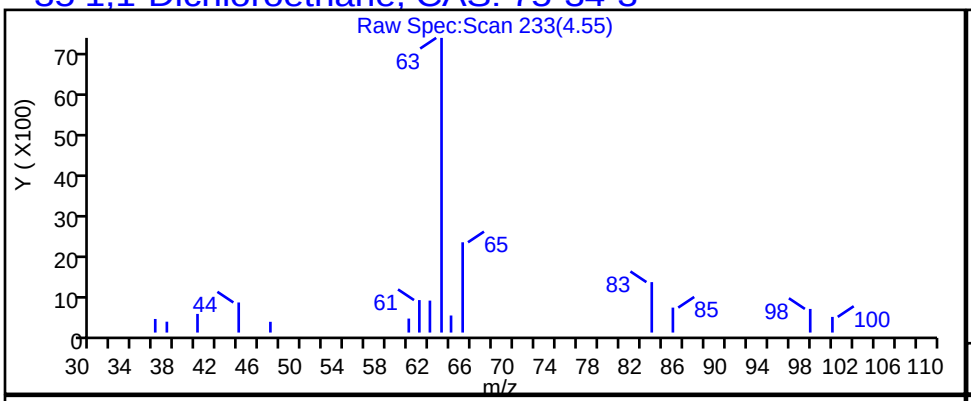
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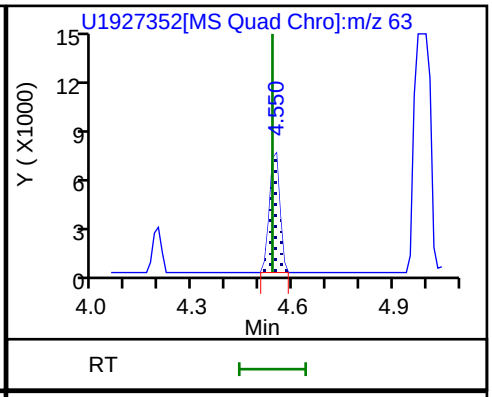
Eurofins Canton

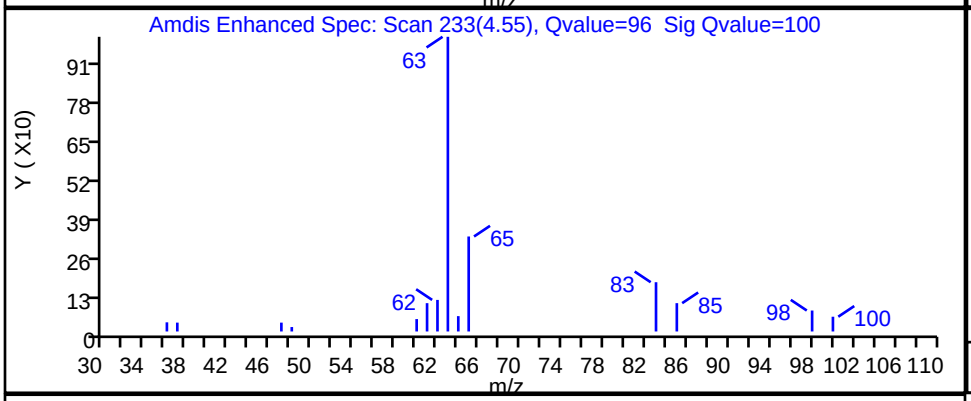
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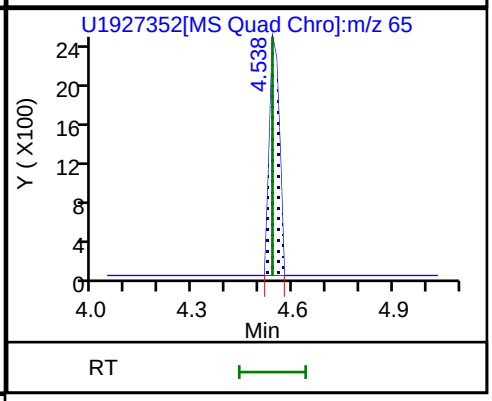
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Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

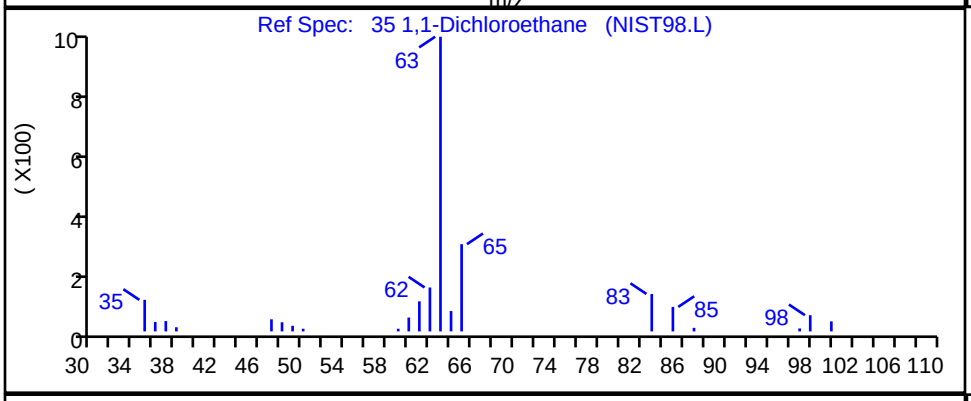
35 1,1-Dichloroethane, CAS: 75-34-3

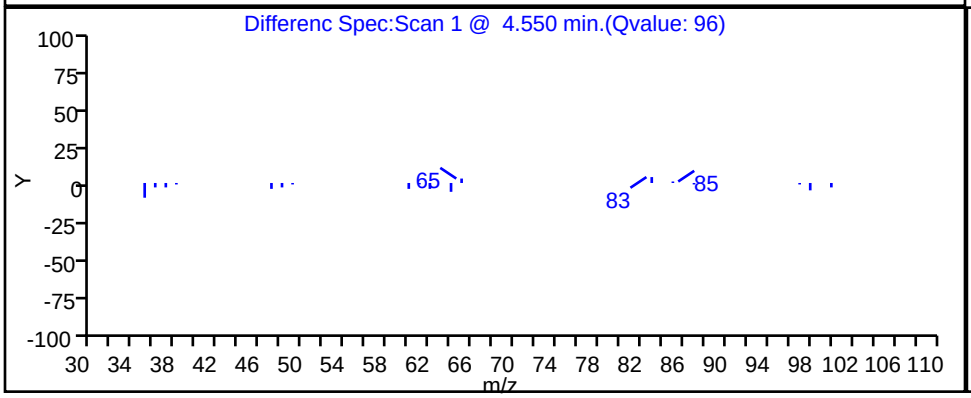


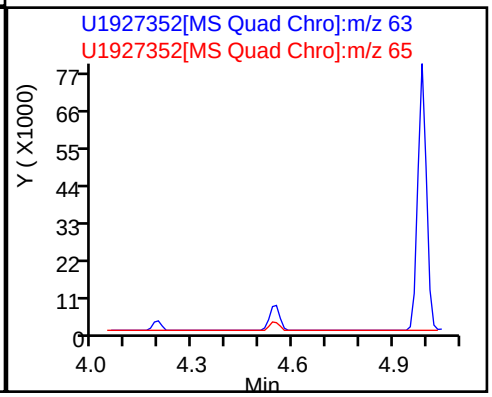












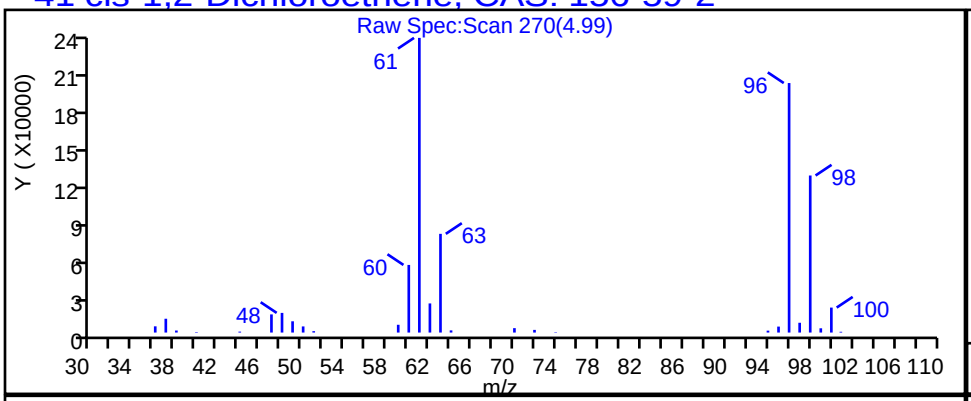
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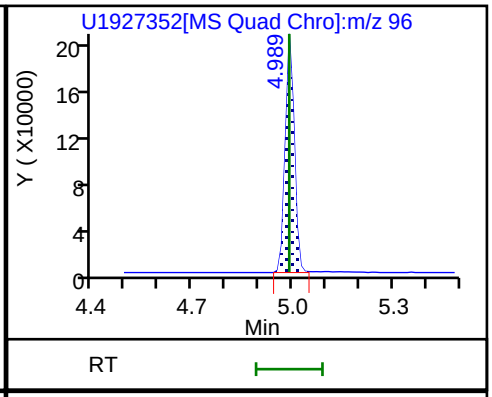
Eurofins Canton

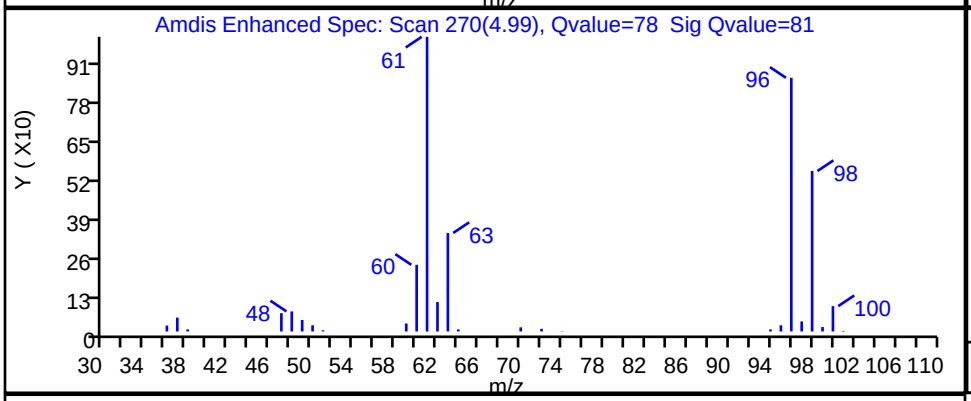
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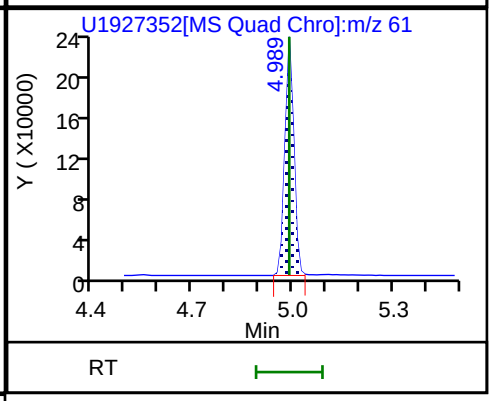
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Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

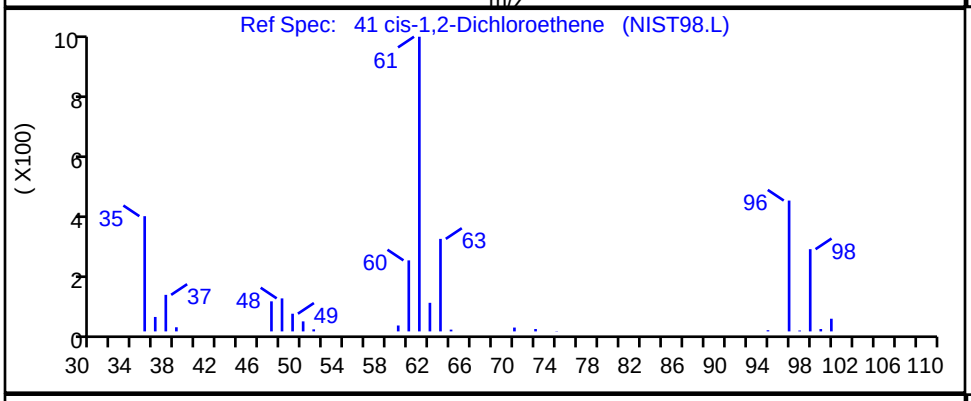
41 cis-1,2-Dichloroethene, CAS: 156-59-2

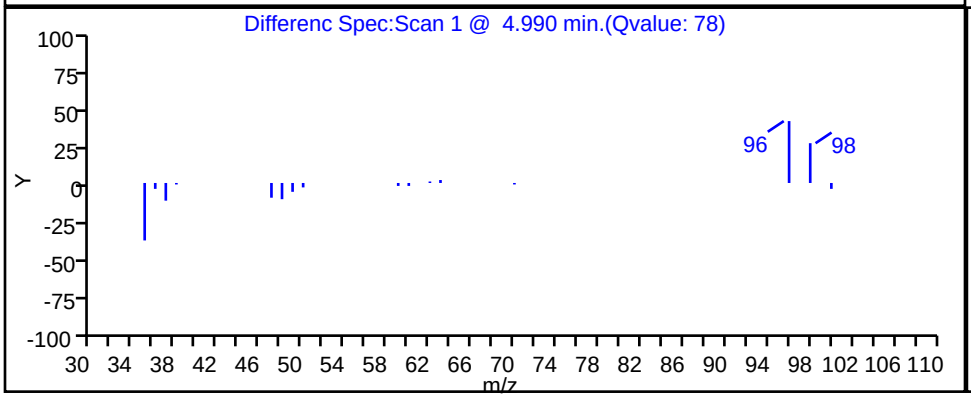


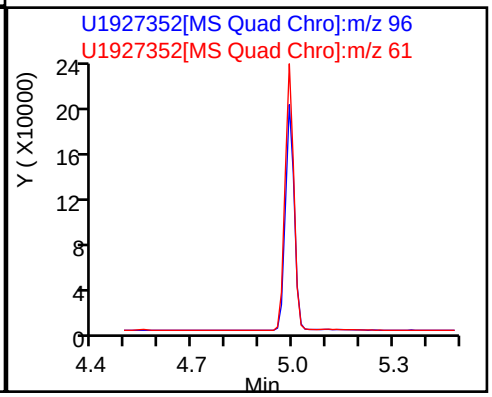












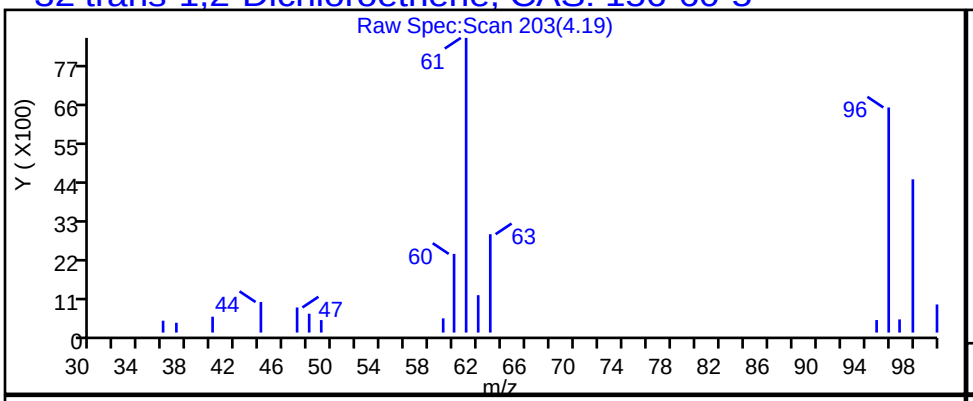
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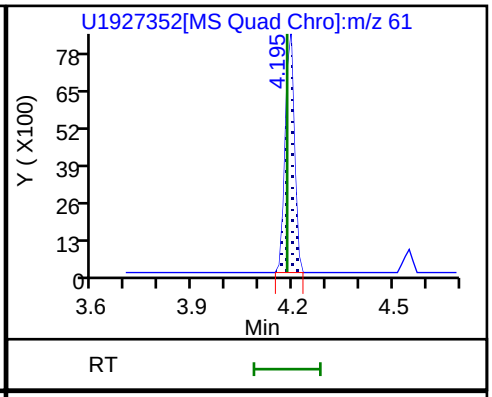
Eurofins Canton

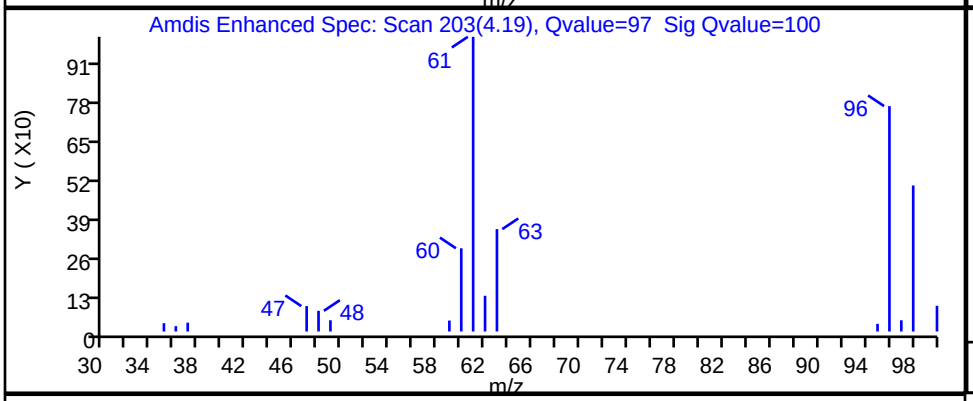
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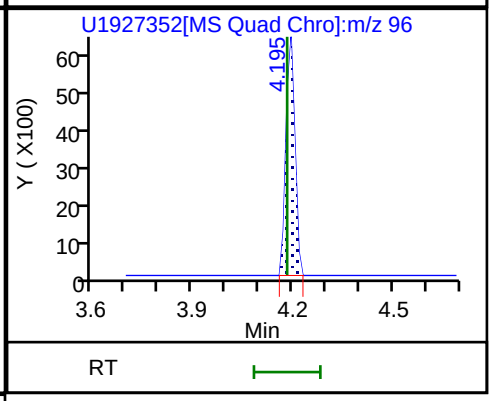
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Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

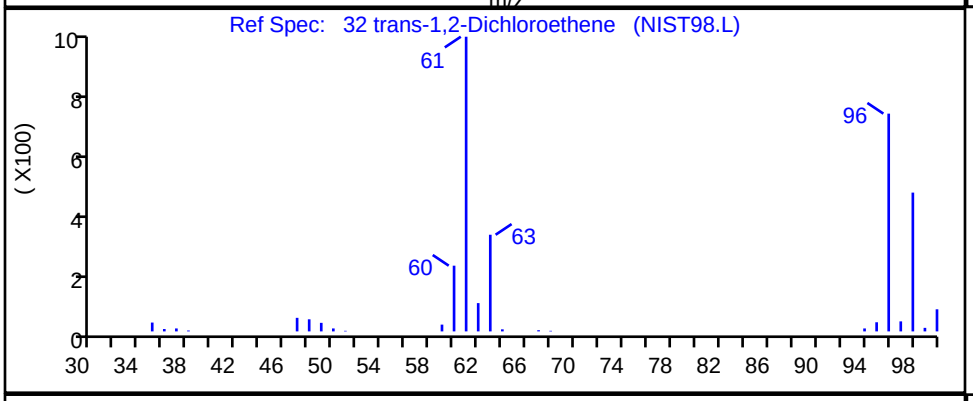
32 trans-1,2-Dichloroethene, CAS: 156-60-5

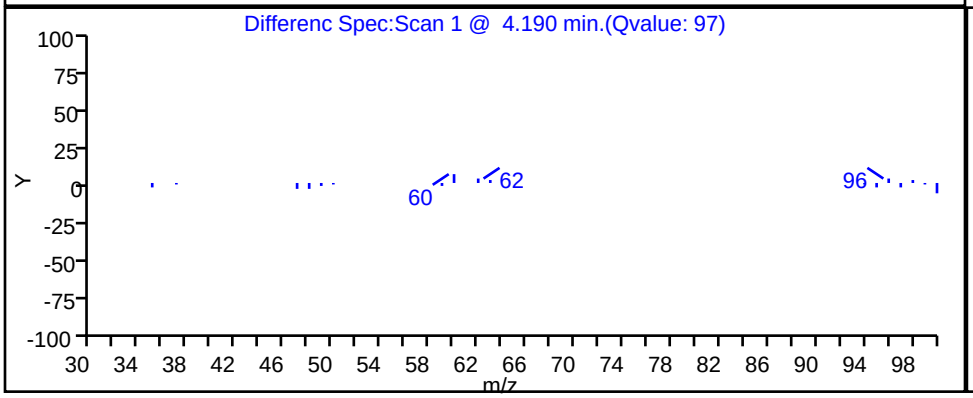


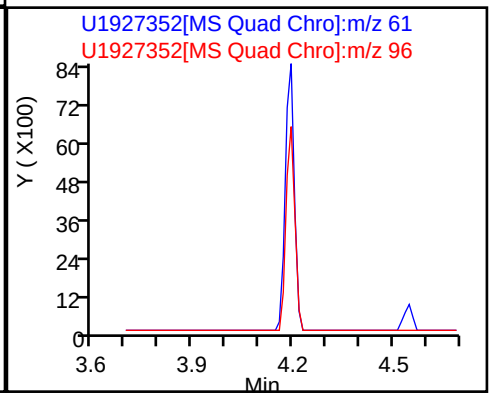












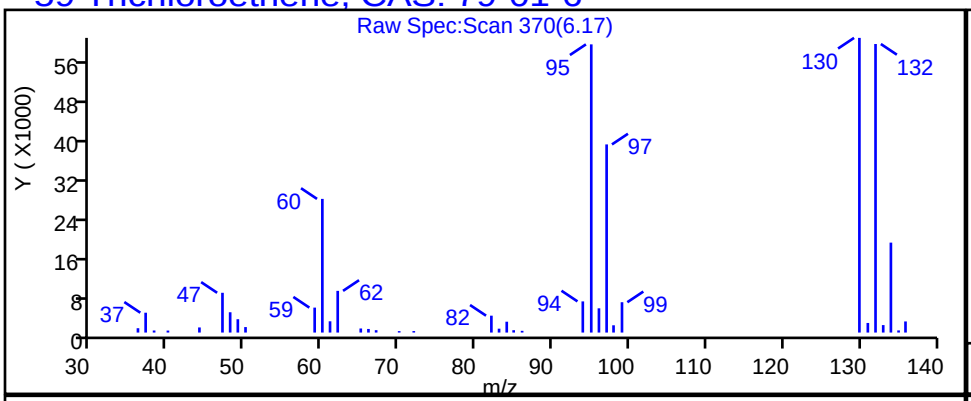
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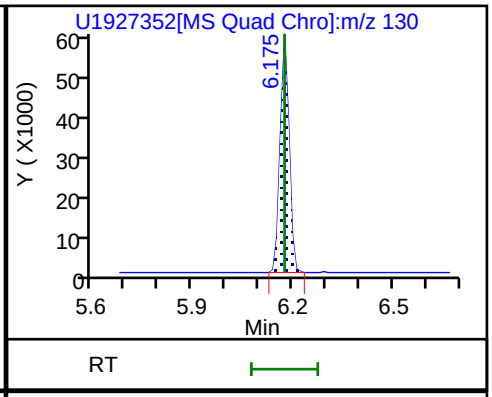
Eurofins Canton

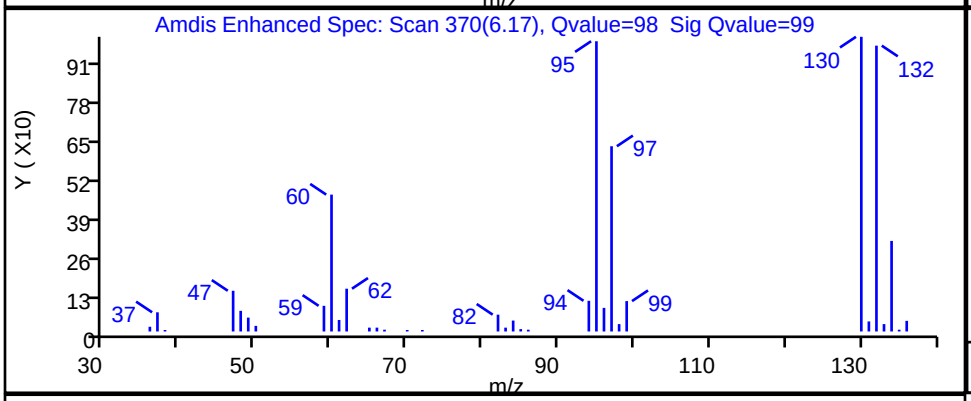
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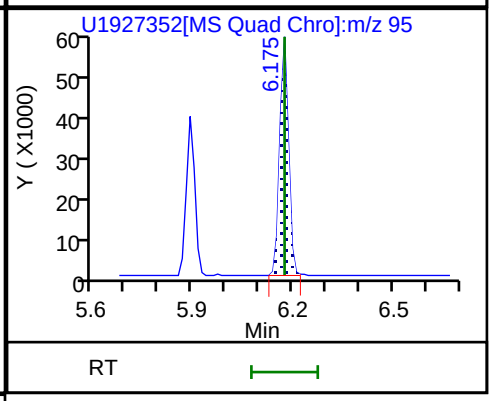
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Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

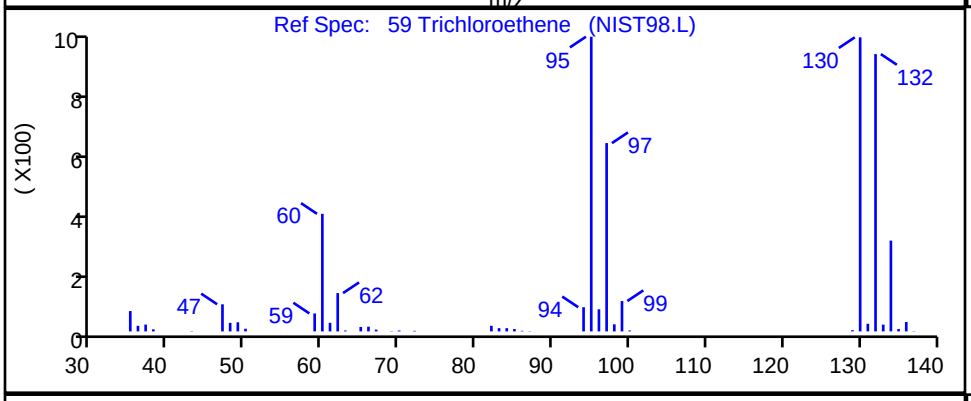
59 Trichloroethene, CAS: 79-01-6

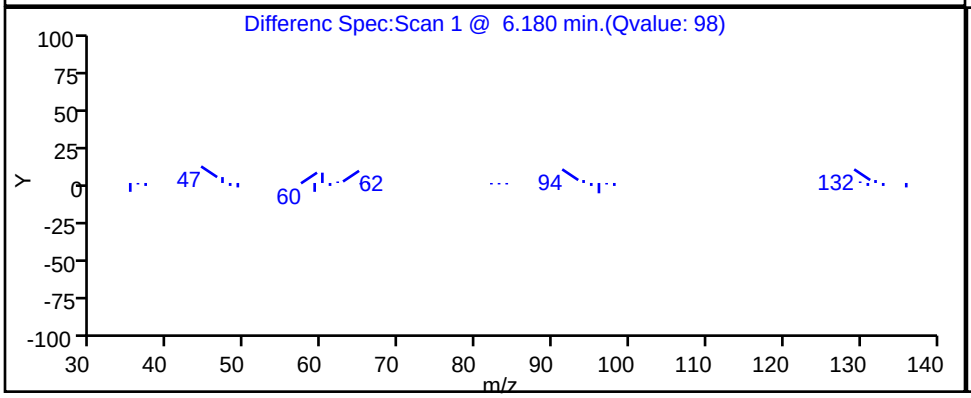


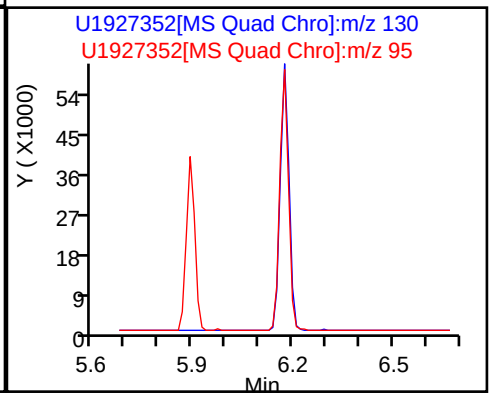












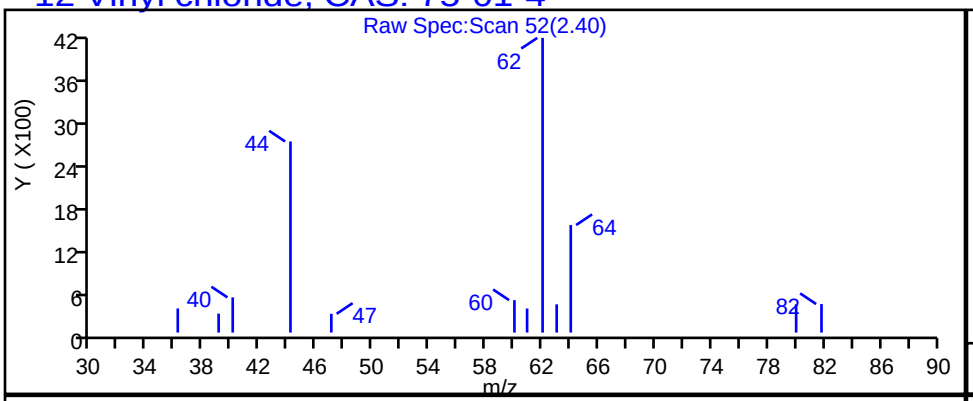
Report Date: 09-May-2022 07:59:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

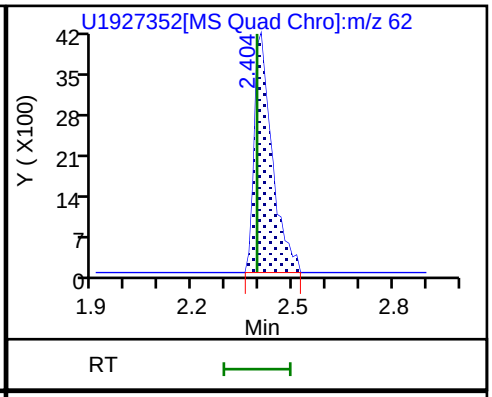
Eurofins Canton

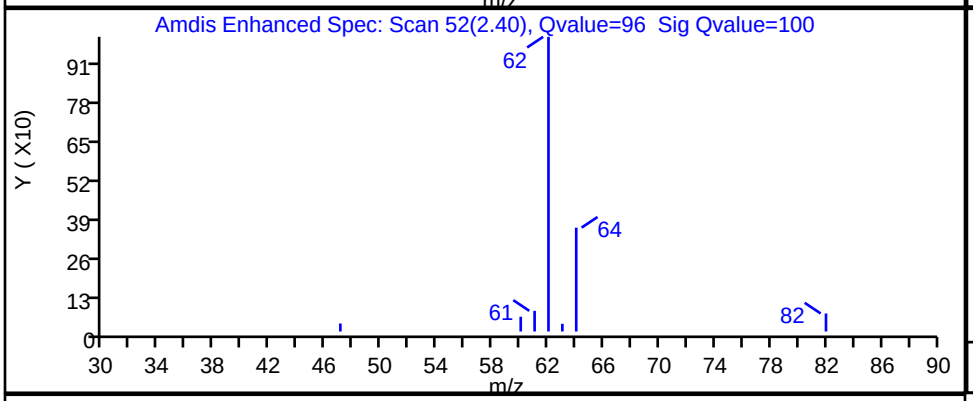
Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927352.D

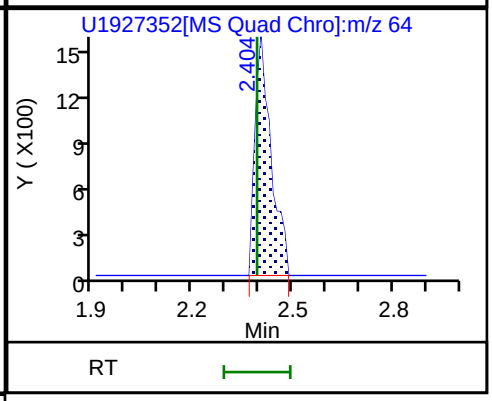
Injection Date:	06-May-2022 18:33:15	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

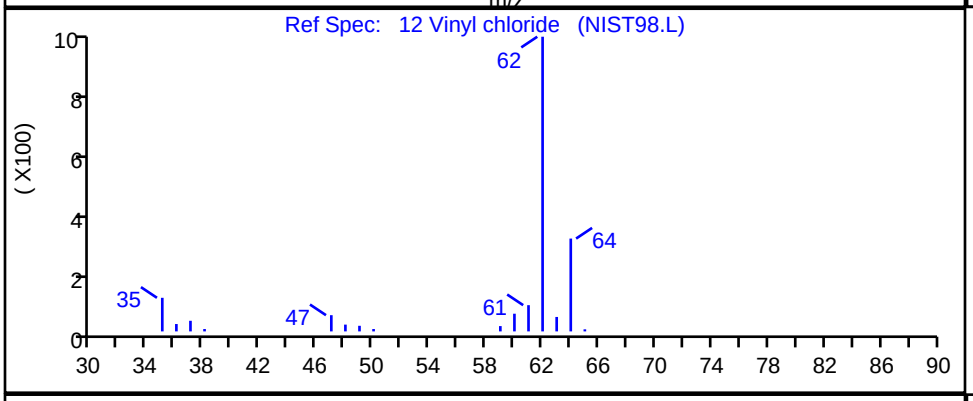
12 Vinyl chloride, CAS: 75-01-4

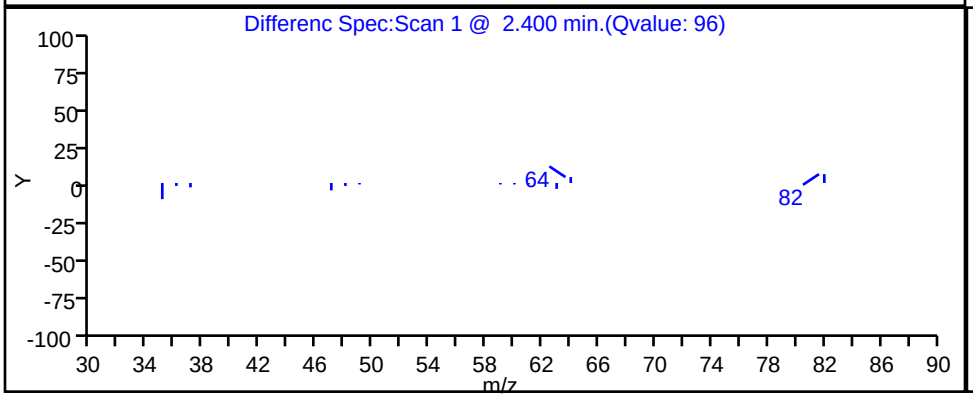


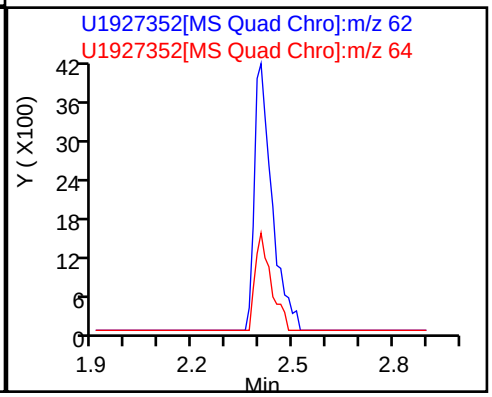












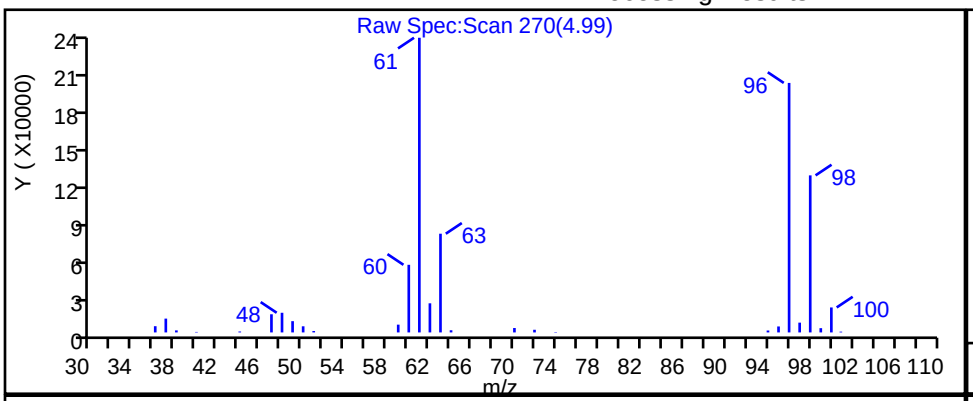
User Disabled Compound Report

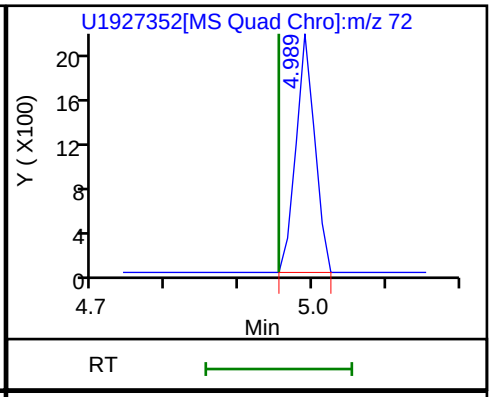
Eurofins Canton

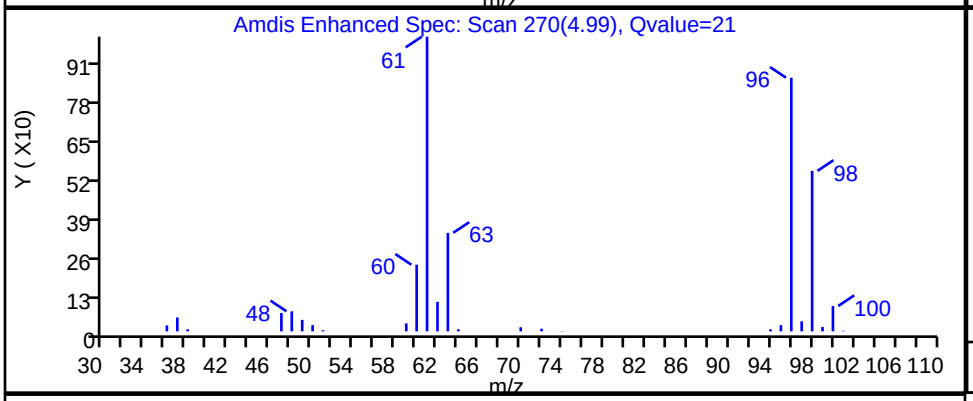
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927352.D				
Injection Date:	06-May-2022 18:33:15	Instrument ID:	A3UX19		
Lims ID:	240-165834-B-27	Lab Sample ID:	240-165834-27		
Client ID:	GW-042922-SS-026				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

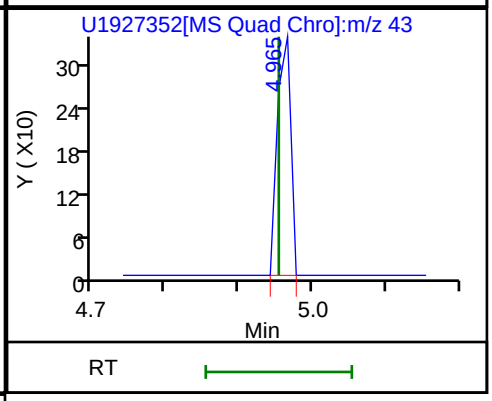
40 2-Butanone (MEK), CAS: 78-93-3

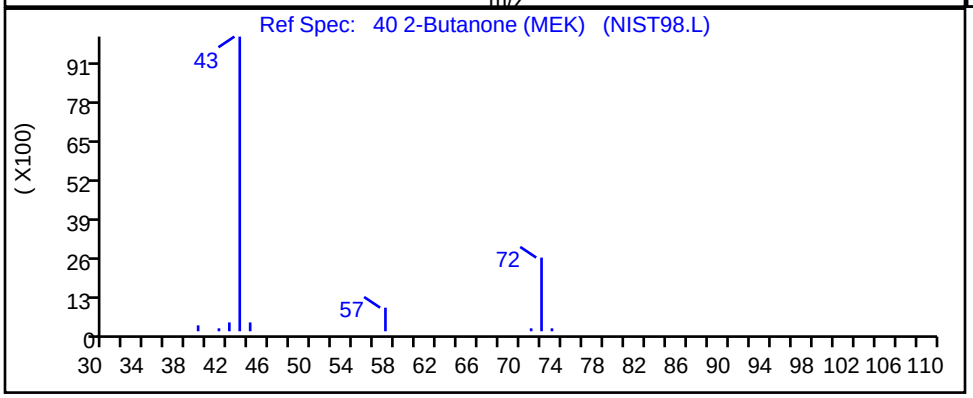
Processing Results











RT	Mass	Response	Amount
4.99	72.00	3816	1.988848
4.97	43.00	427	

Reviewer: laveyt, 09-May-2022 07:59:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: EB-042922-SS-002 | Lab Sample ID: 240-165834-28

Matrix: Water | Lab File ID: U1927353.D

Analysis Method: 8260D | Date Collected: 04/29/2022 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: EB-042922-SS-002 | Lab Sample ID: 240-165834-28

Matrix: Water | Lab File ID: U1927353.D

Analysis Method: 8260D | Date Collected: 04/29/2022 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 18:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927353.D
Lims ID: 240-165834-C-28
Client ID: EB-042922-SS-002
Sample Type: Client
Inject. Date: 06-May-2022 18:55:35 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	773733	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	573038	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	273548	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	93	209812	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	260721	20.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	705002	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	239287	18.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76	3.755	3.756	-0.001	99	6483	0.2541	
29 Methylene Chloride	49	3.957	3.957	0.000	88	11508	0.2813	
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91	7.218	7.218	0.000	97	7081	0.1776	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	7
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

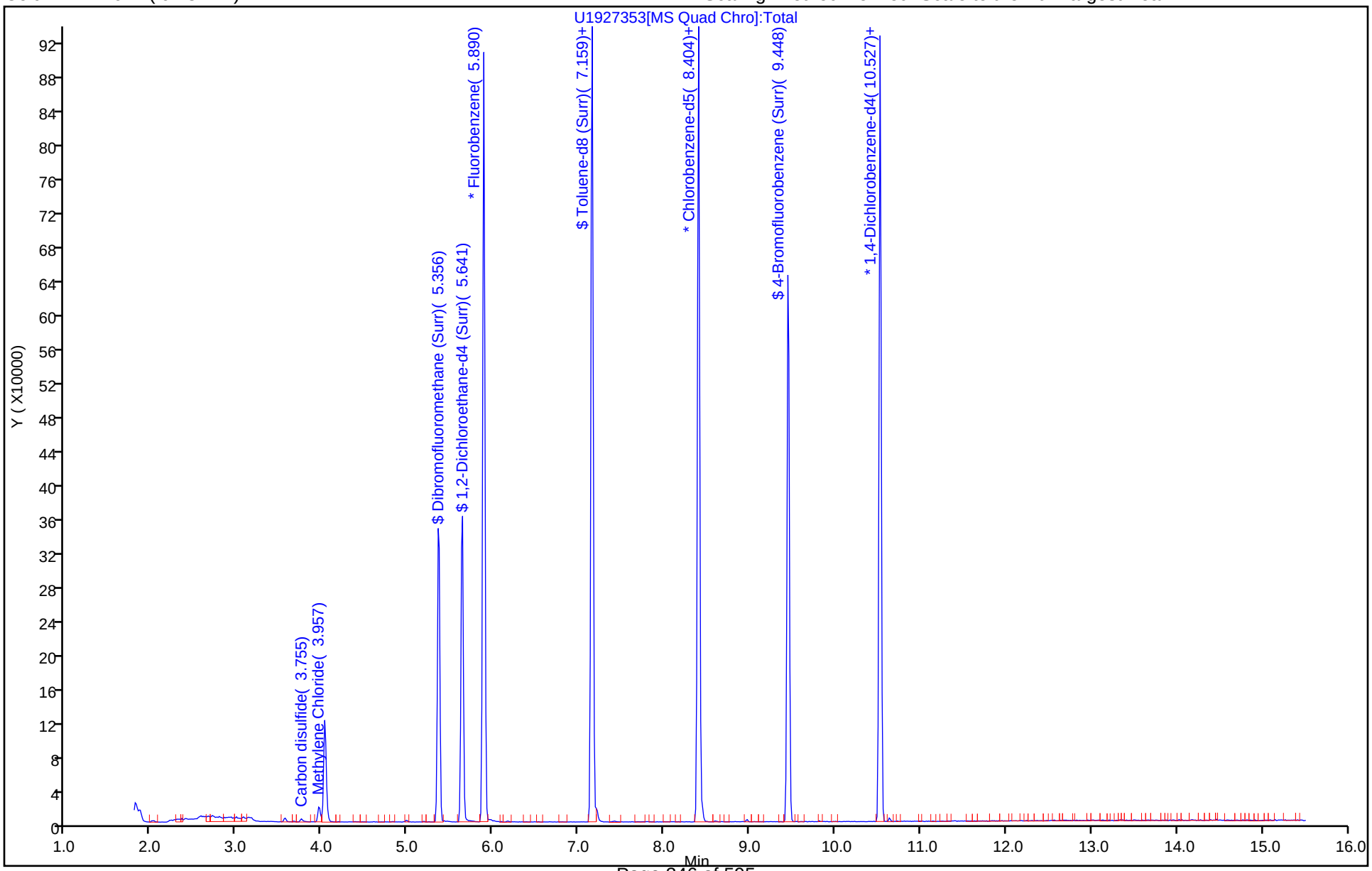
Report Date: 09-May-2022 07:59:58 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927353.D

Injection Date:	06-May-2022 18:55:35	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-C-28	Lab Sample ID:	240-165834-28	Worklist Smp#:	28
Client ID:	EB-042922-SS-002				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927353.D
Lims ID: 240-165834-C-28
Client ID: EB-042922-SS-002
Sample Type: Client
Inject. Date: 06-May-2022 18:55:35 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:59:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	92.68
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.5	102.47
$ 6 Toluene-d8 (Surr)	20.0	20.2	101.17
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	93.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: TB-042922-SS-001 | Lab Sample ID: 240-165834-29

Matrix: Water | Lab File ID: U1927354.D

Analysis Method: 8260D | Date Collected: 04/29/2022 16:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 19:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: TB-042922-SS-001 | Lab Sample ID: 240-165834-29

Matrix: Water | Lab File ID: U1927354.D

Analysis Method: 8260D | Date Collected: 04/29/2022 16:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 19:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	105		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927354.D
Lims ID: 240-165834-B-29
Client ID: TB-042922-SS-001
Sample Type: Client
Inject. Date: 06-May-2022 19:17:54 ALS Bottle#: 0 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-029
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 08:00:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	757224	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	549222	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	263770	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	208733	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	256267	20.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	700433	21.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	231580	18.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43	3.566	3.566	0.000	99	11050	0.1692	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.183				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

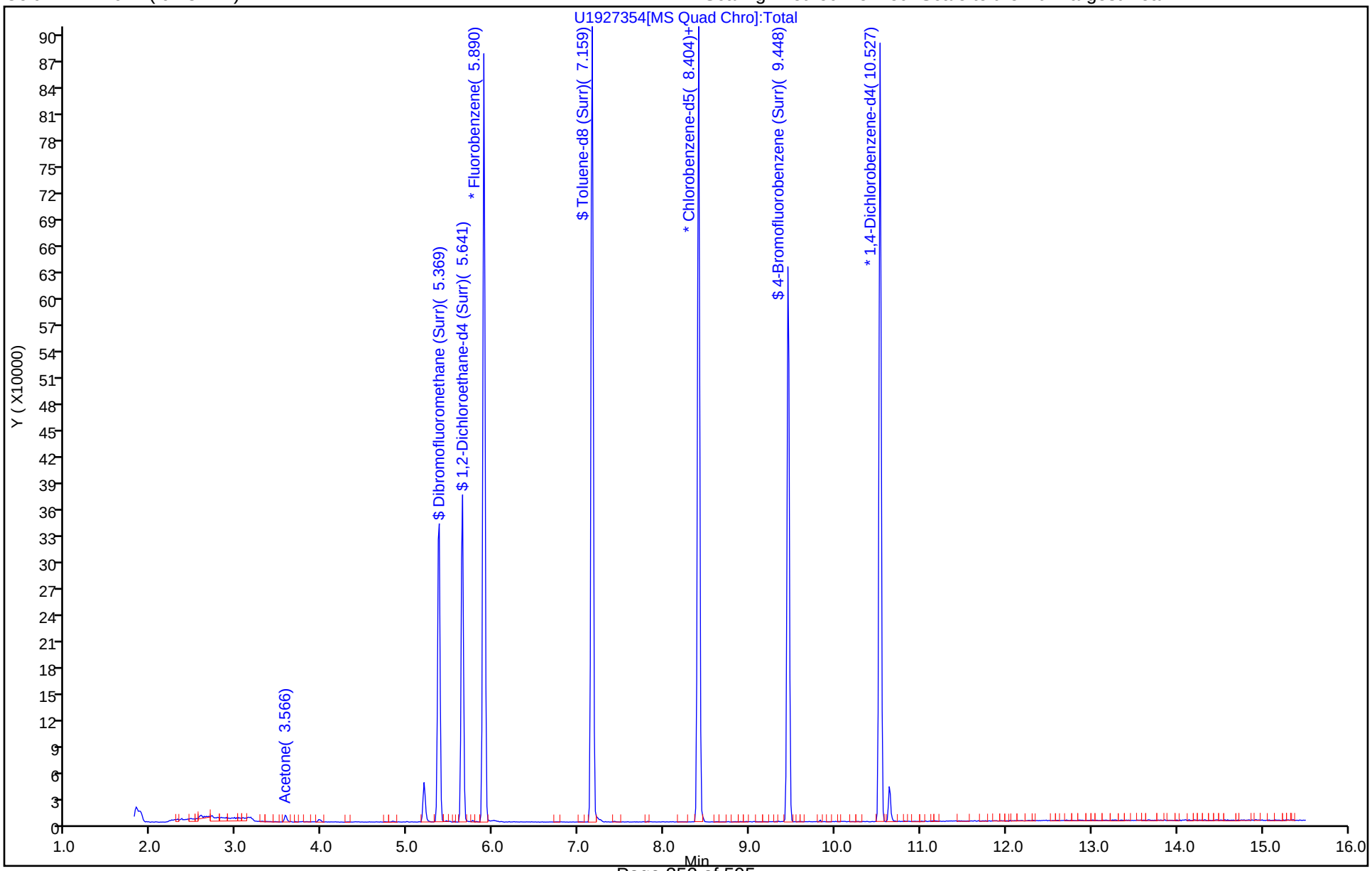
Report Date: 09-May-2022 08:00:27 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927354.D

Injection Date:	06-May-2022 19:17:54	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-29	Lab Sample ID:	240-165834-29	Worklist Smp#:	29
Client ID:	TB-042922-SS-001				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927354.D
Lims ID: 240-165834-B-29
Client ID: TB-042922-SS-001
Sample Type: Client
Inject. Date: 06-May-2022 19:17:54 ALS Bottle#: 0 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-029
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 09-May-2022 07:59:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 08:00:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	94.22
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.6	102.91
$ 6 Toluene-d8 (Surr)	20.0	21.0	104.87
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	94.33

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3160 0.3446	0.2998 0.3520	0.3326 0.3450	0.3432	0.3602	Ave		0.3367			0.1000	5.9		20.0			
Chloromethane	0.3669 0.3089	0.3246 0.3159	0.3518 0.2972	0.3441	0.3303	Ave		0.3300			0.1000	7.0		20.0			
Vinyl chloride	0.3375 0.3494	0.3403 0.3528	0.3772 0.3365	0.3611	0.3688	Ave		0.3530			0.1000	4.3		20.0			
Butadiene	0.3295 0.3261	0.3338 0.3295	0.3481 0.3079	0.3410	0.3448	Ave		0.3326				3.8		20.0			
Bromomethane	0.3507 0.3329	0.3274 0.3596	0.3381 0.3560	0.3285	0.3259	Ave		0.3399			0.0500	4.0		20.0			
Chloroethane	0.2674 0.2631	0.2708 0.2783	0.2704 0.2787	0.2615	0.2633	Ave		0.2692			0.0500	2.5		20.0			
Dichlorofluoromethane	0.6503 0.6519	0.6424 0.6775	0.6794 0.6605	0.6672	0.6578	Ave		0.6609				2.0		20.0			
Trichlorofluoromethane	0.5275 0.6184	0.5391 0.6355	0.5750 0.6249	0.5926	0.6197	Ave		0.5916			0.1000	6.9		20.0			
Ethyl ether	0.2189 0.1992	0.1914 0.2033	0.2070 0.2017	0.1973	0.1947	Ave		0.2017				4.2		20.0			
Acrolein	0.0440 0.0385	0.0401 0.0392	0.0344 0.0415	0.0349	0.0374	Ave		0.0388				8.4		20.0			
1,1-Dichloroethene	0.3683 0.3802	0.3256 0.3903	0.3770 0.3845	0.3720	0.3730	Ave		0.3714			0.1000	5.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2870 0.3040	0.2618 0.3176	0.3145 0.3012	0.3113	0.3078	Ave		0.3007			0.0500	6.1		20.0			
Acetone	+++++ 0.1029	0.2587 0.1002	0.1410 0.1000	0.1140	0.1076	Lin1	0.2752	0.0986			0.0100	15.8			0.9990		0.9900

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.4614 0.4432	0.4303 0.4616	0.4515 0.4538	0.4546	0.4431	Ave		0.4499				2.4		20.0			
Carbon disulfide	0.6767 0.6780	0.5573 0.7207	0.6346 0.7114	0.6489	0.6481	Ave		0.6595			0.1000	7.8		20.0			
Methyl acetate	0.2627 0.2338	0.2370 0.2395	0.2515 0.2376	0.2331	0.2286	Ave		0.2405			0.1000	4.7		20.0			
3-Chloro-1-propene	0.3550 0.2970	0.2787 0.3007	0.2881 0.3017	0.2847	0.2853	Ave		0.2989				8.1		20.0			
Methylene Chloride	+++++ 0.3072	0.5505 0.3141	0.3846 0.3122	0.3303	0.3150	Lin1	0.2109	0.3078			0.1000	6.3			1.0000		0.9900
2-Methyl-2-propanol	0.0508 0.0354	0.0373 0.0357	0.0372 0.0334	0.0375	0.0354	Ave		0.0378				14.3		20.0			
Acrylonitrile	0.1422 0.1238	0.1251 0.1240	0.1187 0.1230	0.1272	0.1198	Ave		0.1255				5.8		20.0			
Methyl tert-butyl ether	0.7259 0.7580	0.6906 0.7906	0.6918 0.7716	0.7225	0.7132	Ave		0.7330			0.1000	5.0		20.0			
trans-1,2-Dichloroethene	0.3692 0.3606	0.3480 0.3675	0.3544 0.3626	0.3624	0.3558	Ave		0.3601			0.1000	2.0		20.0			
Hexane	0.3186 0.3566	0.2684 0.3628	0.3380 0.3581	0.3393	0.3459	Ave		0.3360				9.2		20.0			
Vinyl acetate	0.3725 0.4239	0.3723 0.4502	0.3741 0.4436	0.3896	0.4148	Ave		0.4051				8.0		20.0			
1,1-Dichloroethane	0.4417 0.4486	0.4095 0.4579	0.4517 0.4556	0.4404	0.4367	Ave		0.4427			0.2000	3.5		20.0			
2-Butanone (MEK)	0.0611 0.0498	0.0454 0.0516	0.0476 0.0507	0.0465	0.0479	Ave		0.0501			0.0100	9.8		20.0			
cis-1,2-Dichloroethene	0.3365 0.3053	0.2651 0.3103	0.3169 0.3108	0.3042	0.3013	Ave		0.3063			0.1000	6.5		20.0			
2,2-Dichloropropane	0.3070 0.3133	0.2394 0.3088	0.3083 0.2957	0.2899	0.2998	Ave		0.2953				8.1		20.0			
Chlorobromomethane	0.2110 0.2130	0.2001 0.2132	0.2067 0.2081	0.2135	0.2063	Ave		0.2090				2.2		20.0			
Tetrahydrofuran	0.0819 0.1019	0.0941 0.1048	0.0965 0.1040	0.0989	0.0977	Ave		0.0975				7.5		20.0			
Chloroform	0.5568 0.4911	0.4395 0.4981	0.5149 0.4900	0.4936	0.4891	Ave		0.4966			0.2000	6.5		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.3796 0.4609	0.3580 0.4707	0.4086 0.4641	0.4208	0.4398	Ave		0.4253			0.1000	9.7		20.0			
Cyclohexane	0.3994 0.4403	0.3779 0.4433	0.4260 0.4367	0.4157	0.4270	Ave		0.4208			0.1000	5.3		20.0			
1,1-Dichloropropene	0.3302 0.3825	0.3040 0.3869	0.3692 0.3828	0.3717	0.3753	Ave		0.3628				8.2		20.0			
Isobutyl alcohol	0.0161 0.0134	0.0121 0.0148	0.0130 0.0132	0.0127	0.0135	Ave		0.0136				9.4		20.0			
Carbon tetrachloride	0.3080 0.3961	0.3116 0.4154	0.3643 0.4096	0.3891	0.3758	Ave		0.3712			0.1000	11.1		20.0			
Benzene	1.0807 1.0301	0.9606 1.0408	1.0837 1.0210	1.0398	1.0148	Ave		1.0340			0.5000	3.8		20.0			
1,2-Dichloroethane	0.4293 0.3613	0.3678 0.3698	0.3835 0.3687	0.3633	0.3521	Ave		0.3745			0.1000	6.4		20.0			
n-Heptane	+++++ 0.1761	0.7630 0.1749	0.4757 0.1693	0.2162	0.1885	Lin1	0.6043	0.1620				4.0			1.0000		0.9900
Trichloroethene	0.3026 0.3041	0.2828 0.3080	0.2984 0.3077	0.2945	0.2971	Ave		0.2994			0.1500	2.8		20.0			
1,2-Dichloropropane	0.2498 0.2391	0.2124 0.2428	0.2363 0.2440	0.2347	0.2302	Ave		0.2362			0.1000	4.8		20.0			
Methylcyclohexane	0.4000 0.4781	0.3433 0.4925	0.4382 0.4755	0.4460	0.4646	Ave		0.4422			0.1000	11.2		20.0			
1,4-Dioxane	0.0036 0.0043	0.0032 0.0044	0.0038 0.0042	0.0045	0.0045	Ave		0.0041				11.9		20.0			
Dibromomethane	0.2219 0.1959	0.1787 0.1974	0.1863 0.1971	0.1873	0.1865	Ave		0.1939				6.7		20.0			
Dichlorobromomethane	0.3172 0.3265	0.2777 0.3400	0.2868 0.3425	0.3005	0.3110	Ave		0.3128			0.1500	7.5		20.0			
2-Chloroethyl vinyl ether	0.1425 0.1769	0.1287 0.1813	0.1461 0.1832	0.1605	0.1646	Ave		0.1605				12.4		20.0			
cis-1,3-Dichloropropene	0.3092 0.3660	0.2470 0.3821	0.2951 0.3888	0.3184	0.3384	Ave		0.3306			0.1500	14.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.2692 0.3235	0.2347 0.3295	0.2776 0.3261	0.3045	0.3080	Ave		0.2967			0.0500	11.3		20.0			
Toluene	1.4123 1.4006	1.2691 1.4269	1.4403 1.4028	1.4000	1.3824	Ave		1.3918			0.4000	3.8		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.3570 0.4258	0.3173 0.4516	0.3469 0.4584	0.3607	0.3930	Ave		0.3888			0.1000	13.3		20.0			
Ethyl methacrylate	0.3006 0.4405	0.2965 0.4609	0.3279 0.4594	0.3797	0.3986	Ave		0.3830				17.9		20.0			
1,1,2-Trichloroethane	0.2971 0.2966	0.2875 0.3057	0.3014 0.2988	0.2933	0.2893	Ave		0.2962			0.1000	2.0		20.0			
Tetrachloroethene	0.3534 0.3772	0.3359 0.3921	0.3964 0.3821	0.3717	0.3836	Ave		0.3741			0.1500	5.4		20.0			
1,3-Dichloropropane	0.5088 0.4967	0.4461 0.5101	0.4929 0.4989	0.4844	0.4901	Ave		0.4910				4.1		20.0			
2-Hexanone	0.2202 0.2973	0.2225 0.3041	0.2610 0.2992	0.2614	0.2802	Ave		0.2683			0.0500	12.4		20.0			
Chlorodibromomethane	0.2728 0.3053	0.2473 0.3261	0.2606 0.3256	0.2663	0.2847	Ave		0.2861				10.5		20.0			
Ethylene Dibromide	0.3074 0.3282	0.2751 0.3359	0.3043 0.3300	0.3113	0.3149	Ave		0.3134				6.1		20.0			
Chlorobenzene	0.9963 0.8832	0.8670 0.9099	0.9489 0.8900	0.9051	0.8908	Ave		0.9114			0.3000	4.6		20.0			
1,1,1,2-Tetrachloroethane	0.2875 0.3372	0.2826 0.3525	0.2882 0.3478	0.3194	0.3278	Ave		0.3178				8.9		20.0			
Ethylbenzene	0.4356 0.4894	0.4127 0.5057	0.4638 0.4961	0.4665	0.4813	Ave		0.4689				6.7		20.0			
m-Xylene & p-Xylene	0.5203 0.6008	0.4657 0.6225	0.5552 0.6073	0.5905	0.5914	Ave		0.5692				9.3		20.0			
o-Xylene	0.4720 0.5896	0.4521 0.6068	0.5126 0.5920	0.5685	0.5729	Ave		0.5458				10.8		20.0			
Styrene	0.7253 0.9685	0.6847 0.9986	0.8060 0.9845	0.8776	0.9318	Ave		0.8721			0.3000	13.9		20.0			
Bromoform	0.1455 0.2165	0.1609 0.2334	0.1745 0.2360	0.1877	0.1954	Ave		0.1938			0.1000	17.1		20.0			
Isopropylbenzene	1.3055 1.5891	1.1724 1.6375	1.3794 1.5795	1.5132	1.5718	Ave		1.4686			0.1000	11.2		20.0			
1,1,2,2-Tetrachloroethane	0.9762 0.8578	0.8004 0.8986	0.8751 0.8933	0.8377	0.8542	Ave		0.8742			0.3000	5.9		20.0			
trans-1,4-Dichloro-2-butene	0.2155 0.2448	0.1711 0.2637	0.2015 0.2664	0.2054	0.2250	Ave		0.2242				14.6		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.7818 0.7119	0.6864 0.7403	0.7340 0.7434	0.7167	0.7141	Ave		0.7286				3.9		20.0			
1,2,3-Trichloropropane	0.3712 0.3031	0.3025 0.3175	0.3303 0.3125	0.3048	0.3034	Ave		0.3182				7.4		20.0			
N-Propylbenzene	0.6860 0.7848	0.5632 0.8218	0.7155 0.8160	0.7669	0.7934	Ave		0.7435				11.7		20.0			
2-Chlorotoluene	0.5583 0.6782	0.6213 0.6963	0.6578 0.6998	0.6828	0.6872	Ave		0.6602				7.3		20.0			
1,3,5-Trimethylbenzene	1.9261 2.3706	1.6410 2.4908	2.1152 2.4211	2.2577	2.3848	Ave		2.2009				13.2		20.0			
4-Chlorotoluene	0.6335 0.6935	0.6009 0.7186	0.7359 0.7199	0.7110	0.7059	Ave		0.6899				6.9		20.0			
tert-Butylbenzene	1.5593 2.1038	1.5292 2.1925	1.8289 2.1608	1.9901	2.0797	Ave		1.9305				13.7		20.0			
1,2,4-Trimethylbenzene	1.8411 2.3558	1.6926 2.4529	2.0168 2.4105	2.2935	2.3778	Ave		2.1801				13.3		20.0			
sec-Butylbenzene	2.3848 2.9868	2.0686 3.0863	2.6336 3.0078	2.8311	2.9935	Ave		2.7491				13.1		20.0			
1,3-Dichlorobenzene	1.4464 1.3045	1.3273 1.3817	1.3909 1.3670	1.3371	1.3401	Ave		1.3619			0.6000	3.3		20.0			
4-Isopropyltoluene	1.7929 2.5014	1.6601 2.5946	2.0516 2.5168	2.3680	2.4975	Ave		2.2479				16.2		20.0			
1,4-Dichlorobenzene	1.5761 1.3196	1.3755 1.3675	1.4953 1.3664	1.3515	1.3700	Ave		1.4027			0.5000	6.2		20.0			
n-Butylbenzene	1.7881 2.0983	1.4288 2.1789	1.8794 2.1038	1.9556	2.0716	Ave		1.9381				12.6		20.0			
1,2-Dichlorobenzene	1.4361 1.2331	1.1676 1.2827	1.2836 1.2744	1.2559	1.2418	Ave		1.2719			0.4000	6.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1941 0.2051	0.1445 0.2267	0.1830 0.2306	0.1926	0.1967	Ave		0.1967			0.0500	13.7		20.0			
1,2,4-Trichlorobenzene	0.7709 0.6641	0.6679 0.6962	0.6502 0.7387	0.6510	0.6661	Ave		0.6881			0.2000	6.4		20.0			
Hexachlorobutadiene	0.2273 0.2522	0.1982 0.2625	0.2394 0.2712	0.2402	0.2492	Ave		0.2425				9.3		20.0			
Naphthalene	2.0242 2.3432	1.7335 2.4983	1.8610 2.6455	2.0730	2.2344	Ave		2.1766				14.4		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.7415 0.6440	0.5891 0.6781	0.6312 0.7395	0.6360	0.6608	Ave		0.6650				8.0		20.0			
Dibromofluoromethane (Surr)	0.3581 0.2805	0.2662 0.2881	0.3011 0.2830	0.2828	0.2809	Ave		0.2926				9.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4362 0.3035	0.3126 0.3118	0.3423 0.3066	0.3169	0.3008	Ave		0.3288				13.8		20.0			
Toluene-d8 (Surr)	1.4000 1.1923	1.1229 1.2149	1.2191 1.1995	1.1906	1.1897	Ave		1.2161				6.6		20.0			
4-Bromofluorobenzene (Surr)	0.5977 0.4221	0.4204 0.4403	0.4301 0.4284	0.4153	0.4218	Ave		0.4470				13.7		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5746 567424	10560 871925	25191 1201667	125858	276933	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	6671 508542	11434 782593	26649 1035171	126213	253905	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	6138 575255	11987 873985	28571 1172100	132446	283523	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	5991 536905	11758 816245	26367 1072174	125077	265052	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	6378 548219	11533 890873	25612 1239738	120470	250556	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	4863 433214	9538 689375	20486 970576	95894	202407	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	11825 1073410	22629 1678419	51466 2300462	244704	505733	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	9592 1018297	18991 1574399	43555 2176518	217357	476446	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	3980 328064	6742 503700	15679 702426	72378	149723	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	4004 316746	7071 485423	13010 722855	64041	143944	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	6698 626074	11471 966849	28555 1339169	136431	286743	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5218 500494	9222 786865	23825 1049145	114191	236656	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Lin1	+++++	18230	21368	83612	165427	+++++	2.00	4.00	20.0	40.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			338818	496230	696481			80.0	120	160		
Iodomethane	FB	Ave	8390 729746	15158 1143522	34200 1580361	166724	340623	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	12305 1116360	19632 1785257	48067 2477687	238005	498296	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	9555 770089	16699 1186762	38106 1654847	171025	351553	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Ave	6455 488983	9817 744806	21824 1050674	104435	219329	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Lin1	+++++ 505898	19393 778106	29129 1087341	121139	242173	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Methyl-2-propanol	FB	Ave	9243 582591	13156 884019	28180 1163506	137466	271951	5.00 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	25859 2038461	44056 3072233	89948 4285295	466402	920751	5.00 400	10.0 600	20.0 800	100	200
Methyl tert-butyl ether	FB	Ave	13199 1248121	24327 1958493	52405 2687398	264975	548318	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	6713 593756	12261 910304	26843 1262910	132931	273530	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	5793 587234	9455 898681	25605 1247143	124457	265949	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	6774 697966	13114 1115145	28340 1544964	142887	318909	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	8031 738618	14424 1134393	34212 1586688	161514	335770	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone (MEK)	FB	Ave	2221 163895	3198 255837	7212 352845	34118	73621	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6119 502629	9339 768650	24004 1082544	111581	231625	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	5582 515914	8434 764913	23353 1029966	106329	230493	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chlorobromomethane	FB	Ave	3837 350778	7048 528157	15659 724598	78310	158628	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	2977 335520	6633 519120	14612 724646	72520	150261	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	10124	15484	39004	181021	376021	0.500	1.00	2.00	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			808551	1233989	1706719			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	6902 758934	12613 1166072	30952 1616216	154337	338150	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	7263 724916	13311 1098106	32265 1520813	152485	328309	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	6004 629879	10709 958452	27966 1333219	136328	288547	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	7325 553346	10693 918798	24547 1146766	116112	260357	12.5 1000	25.0 1500	50.0 2000	250	500
Carbon tetrachloride	FB	Ave	5601 652219	10977 1028983	27593 1426675	142694	288947	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Benzene	FB	Ave	19651 1696151	33841 2578403	82089 3555768	381377	780220	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	7806 594832	12957 915982	29053 1284069	133245	270727	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Lin1	+++++ 289977	26878 433224	36035 589751	79289	144915	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	5503 500769	9961 763067	22605 1071587	107998	228410	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	4543 393755	7484 601455	17896 849905	86084	177001	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	7273 787147	12093 1220016	33189 1656046	163565	357161	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Ave	1316 142273	2245 216211	5806 292408	33363	69861	10.0 800	20.0 1200	40.0 1600	200	400
Dibromomethane	FB	Ave	4035 322581	6294 488935	14110 686398	68706	143408	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorobromomethane	FB	Ave	5768 537638	9782 842302	21724 1192771	110198	239065	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	5184 582605	9066 898102	22135 1276122	117746	253067	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	5622 602683	8702 946487	22353 1354202	116771	260178	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	9792 1065448	16537 1632644	42053 2271503	223360	473609	1.00 80.0	2.00 120	4.00 160	20.0	40.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	20644 1859793	34839 2818102	85946 3928344	411342	844716	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5218 565422	8709 891902	20701 1283658	105967	240133	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl methacrylate	CBNZ d5	Ave	4394 584968	8140 910213	19568 1286501	111565	243575	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	4343 393816	7891 603814	17986 836757	86183	176785	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrachloroethene	CBNZ d5	Ave	5166 500877	9222 774456	23657 1069910	109210	234397	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,3-Dichloropropane	CBNZ d5	Ave	7437 659493	12245 1007378	29413 1397108	142313	299466	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Hexanone	CBNZ d5	Ave	6438 789555	12218 1201272	31151 1675780	153635	342400	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chlorodibromomethane	CBNZ d5	Ave	3987 405395	6788 644026	15552 911859	78231	173977	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethylene Dibromide	CBNZ d5	Ave	4494 435808	7553 663304	18156 924064	91473	192412	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chlorobenzene	CBNZ d5	Ave	14564 1172766	23799 1797066	56626 2492480	265925	544338	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	4202 447687	7757 696086	17198 974056	93834	200277	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethylbenzene	CBNZ d5	Ave	6367 649831	11328 998779	27675 1389214	137058	294134	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	7606 797718	12784 1229407	33129 1700607	173490	361399	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
o-Xylene	CBNZ d5	Ave	6899 782877	12412 1198352	30588 1657934	167041	350080	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Styrene	CBNZ d5	Ave	10602 1285988	18797 1972248	48095 2757060	257838	569368	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromoform	CBNZ d5	Ave	2127 287545	4417 460885	10415 661026	55154	119390	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isopropylbenzene	CBNZ d5	Ave	19083 2110040	32185 3234020	82313 4423360	444600	960474	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7075 613931	11325 938595	26799 1286330	130643	275409	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1562 175218	2421 275473	6170 383644	32035	72537	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromobenzene	DCBd 4	Ave	5666 509496	9713 773184	22477 1070509	111775	230239	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	2690 216908	4281 331571	10115 450076	47530	97816	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
N-Propylbenzene	DCBd 4	Ave	4972 561699	7969 858327	21910 1175034	119614	255808	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chlorotoluene	DCBd 4	Ave	4046 485394	8792 727282	20145 1007769	106483	221553	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	13959 1696703	23220 2601593	64776 3486447	352118	768901	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	4591 496338	8502 750586	22537 1036611	110895	227592	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
tert-Butylbenzene	DCBd 4	Ave	11301 1505700	21638 2289983	56008 3111646	310375	670524	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	13343 1686119	23950 2561978	61763 3471163	357693	766635	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
sec-Butylbenzene	DCBd 4	Ave	17284 2137689	29270 3223488	80651 4331265	441546	965144	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	10483 933642	18781 1443102	42595 1968570	208540	432077	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Isopropyltoluene	DCBd 4	Ave	12994 1790313	23490 2709945	62829 3624255	369318	805237	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	11423 944440	19463 1428316	45792 1967601	210778	441705	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Butylbenzene	DCBd 4	Ave	12959 1501814	20217 2275809	57554 3029484	304994	667922	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	10408 882534	16522 1339776	39310 1835247	195870	400375	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1407 146814	2045 236774	5603 332032	30043	63403	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	5587 475343	9451 727203	19912 1063707	101532	214760	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexachlorobutadiene	DCBd 4	Ave	1647 180492	2804 274216	7331 390600	37469	80347	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	14670 1677041	24529 2609362	56990 3809543	323305	720411	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	5374 460905	8335 708198	19329 1064883	99192	213053	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	6512 461798	9377 713668	22804 985650	103727	215927	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	7932 499805	11013 772478	25928 1067974	116222	231227	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Toluene-d8 (Surr)	CBNZ d5	Ave	20464 1583147	30824 2399307	72748 3359179	349811	727002	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	8737 560535	11540 869666	25666 1199616	122028	257729	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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

Lab Name: Eurofins Canton Job No.: 240-165834-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	+++++	22.9						50				
Methylene Chloride	+++++	10.3						50				
n-Heptane	+++++	-2.1						50				

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D
Lims ID: std8260 L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Apr-2022 11:07:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-009
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:02 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 11:42:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	727359	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	584704	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	289899	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	93	6512	0.5000	0.6120	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	7932	0.5000	0.6632	
$ 6 Toluene-d8 (Surr)	98	7.147	7.159	-0.012	94	20464	0.5000	0.5756	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	8737	0.5000	0.6685	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	98	5746	0.5000	0.4693	
10 Chloromethane	50	2.262	2.273	-0.011	97	6671	0.5000	0.5559	
12 Vinyl chloride	62	2.392	2.404	-0.012	94	6138	0.5000	0.4782	
11 Butadiene	54	2.416	2.427	-0.011	92	5991	0.5000	0.4953	
13 Bromomethane	94	2.748	2.759	-0.011	90	6378	0.5000	0.5160	
15 Chloroethane	64	2.831	2.842	-0.011	98	4863	0.5000	0.4968	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	11825	0.5000	0.4920	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	71	9592	0.5000	0.4458	
18 Ethyl ether	59	3.317	3.328	-0.011	86	3980	0.5000	0.5426	
19 Acrolein	56	3.447	3.447	0.000	93	4004	2.50	2.84	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	97	6698	0.5000	0.4959	
21 112TCTFE	101	3.554	3.566	-0.012	57	5218	0.5000	0.4772	
22 Acetone	43		3.566				ND	ND	U
24 Iodomethane	142	3.685	3.696	-0.011	98	8390	0.5000	0.5128	
25 Carbon disulfide	76	3.756	3.767	-0.011	98	12305	0.5000	0.5131	
28 Methyl acetate	43	3.827	3.838	-0.011	95	9555	1.00	1.09	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	6455	0.5000	0.5938	
29 Methylene Chloride	49		3.969				ND	ND	U
30 2-Methyl-2-propanol	59	4.005	4.016	-0.011	97	9243	5.00	6.72	
31 Acrylonitrile	53	4.135	4.147	-0.012	100	25859	5.00	5.67	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	95	13199	0.5000	0.4951	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	95	6713	0.5000	0.5126	
34 Hexane	57	4.396	4.408	-0.012	90	5793	0.5000	0.4741	
36 Vinyl acetate	43	4.515	4.514	0.001	98	6774	0.5000	0.4598	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	95	8031	0.5000	0.4988	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	94	2221	1.00	1.22	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	6119	0.5000	0.5493	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	85	5582	0.5000	0.5198	
46 Chlorobromomethane	49	5.167	5.178	-0.011	81	3837	0.5000	0.5048	
47 Tetrahydrofuran	42	5.191	5.190	0.001	69	2977	1.00	0.8399	
48 Chloroform	83	5.226	5.238	-0.012	93	10124	0.5000	0.5605	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	96	6902	0.5000	0.4462	
50 Cyclohexane	84	5.452	5.463	-0.011	80	7263	0.5000	0.4746	
53 Isobutyl alcohol	41	5.511	5.510	0.001	79	7325	12.5	14.8	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	82	6004	0.5000	0.4550	
52 Carbon tetrachloride	117	5.523	5.522	0.001	94	5601	0.5000	0.4149	
54 Benzene	78	5.665	5.677	-0.011	97	19651	0.5000	0.5226	
55 1,2-Dichloroethane	62	5.689	5.700	-0.011	97	7806	0.5000	0.5732	
57 n-Heptane	57		5.866				ND	ND	U
59 Trichloroethene	130	6.175	6.175	0.000	92	5503	0.5000	0.5054	
61 Methylcyclohexane	83	6.377	6.376	0.000	85	7273	0.5000	0.4522	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	71	4543	0.5000	0.5289	
65 1,4-Dioxane	88	6.412	6.424	-0.012	81	1316	10.0	8.88	
64 Dibromomethane	174	6.460	6.459	0.001	89	4035	0.5000	0.5722	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	96	5768	0.5000	0.5071	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	91	5184	1.00	0.8882	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	94	5622	0.5000	0.4676	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	93	9792	1.00	0.9076	
71 Toluene	91	7.207	7.218	-0.011	98	20644	0.5000	0.5074	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	90	5218	0.5000	0.4590	
73 Ethyl methacrylate	69	7.384	7.384	0.000	80	4394	0.5000	0.3924	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	89	4343	0.5000	0.5015	
75 Tetrachloroethene	166	7.657	7.657	0.000	92	5166	0.5000	0.4724	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	92	7437	0.5000	0.5181	
77 2-Hexanone	43	7.705	7.704	0.001	94	6438	1.00	0.8209	
79 Chlorodibromomethane	129	7.883	7.894	-0.011	82	3987	0.5000	0.4767	
81 Ethylene Dibromide	107	8.013	8.013	0.000	93	4494	0.5000	0.4905	
83 Chlorobenzene	112	8.428	8.428	0.000	96	14564	0.5000	0.5466	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	43	4202	0.5000	0.4522	
85 Ethylbenzene	106	8.499	8.499	0.000	98	6367	0.5000	0.4645	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	97	7606	0.5000	0.4571	
87 o-Xylene	106	8.962	8.961	0.001	94	6899	0.5000	0.4323	
88 Styrene	104	8.974	8.973	0.001	93	10602	0.5000	0.4158	
89 Bromoform	173	9.151	9.151	0.000	90	2127	0.5000	0.3755	
90 Isopropylbenzene	105	9.282	9.282	0.000	95	19083	0.5000	0.4445	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	7075	0.5000	0.5584	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	1	1562	0.5000	0.4807	
95 Bromobenzene	156	9.602	9.602	0.000	93	5666	0.5000	0.5365	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	77	2690	0.5000	0.5833	
98 N-Propylbenzene	120	9.661	9.661	0.000	97	4972	0.5000	0.4614	
100 2-Chlorotoluene	126	9.768	9.768	0.000	95	4046	0.5000	0.4228	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	96	13959	0.5000	0.4376	
102 4-Chlorotoluene	126	9.875	9.874	0.001	96	4591	0.5000	0.4591	
103 tert-Butylbenzene	119	10.124	10.123	0.001	92	11301	0.5000	0.4039	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	13343	0.5000	0.4222	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	17284	0.5000	0.4338	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	92	10483	0.5000	0.5310	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	12994	0.5000	0.3988	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	92	11423	0.5000	0.5618	
112 n-Butylbenzene	91	10.847	10.847	0.000	96	12959	0.5000	0.4613	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	95	10408	0.5000	0.5645	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	67	1407	0.5000	0.4936	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	92	5587	0.5000	0.5601	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	75	1647	0.5000	0.4685	
118 Naphthalene	128	12.697	12.697	0.000	97	14670	0.5000	0.4650	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	90	5374	0.5000	0.5575	
S 125 Trihalomethanes, Total	1				0		2.00	1.92	
S 124 Total BTEX	1				0		2.50	2.38	
S 126 1,2-Dichloroethene, Total	96				0			1.06	
S 127 1,3-Dichloropropene, Total	75				0			0.9266	
S 128 Xylenes, Total	106				0		1.00	0.8894	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

U - Marked Undetected

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	0.40	Units: uL
vmarolistdw_00435	Amount Added:	0.40	Units: uL
vmrprimw_00479	Amount Added:	0.40	Units: uL
vm50ss_stk_00091	Amount Added:	0.40	Units: uL

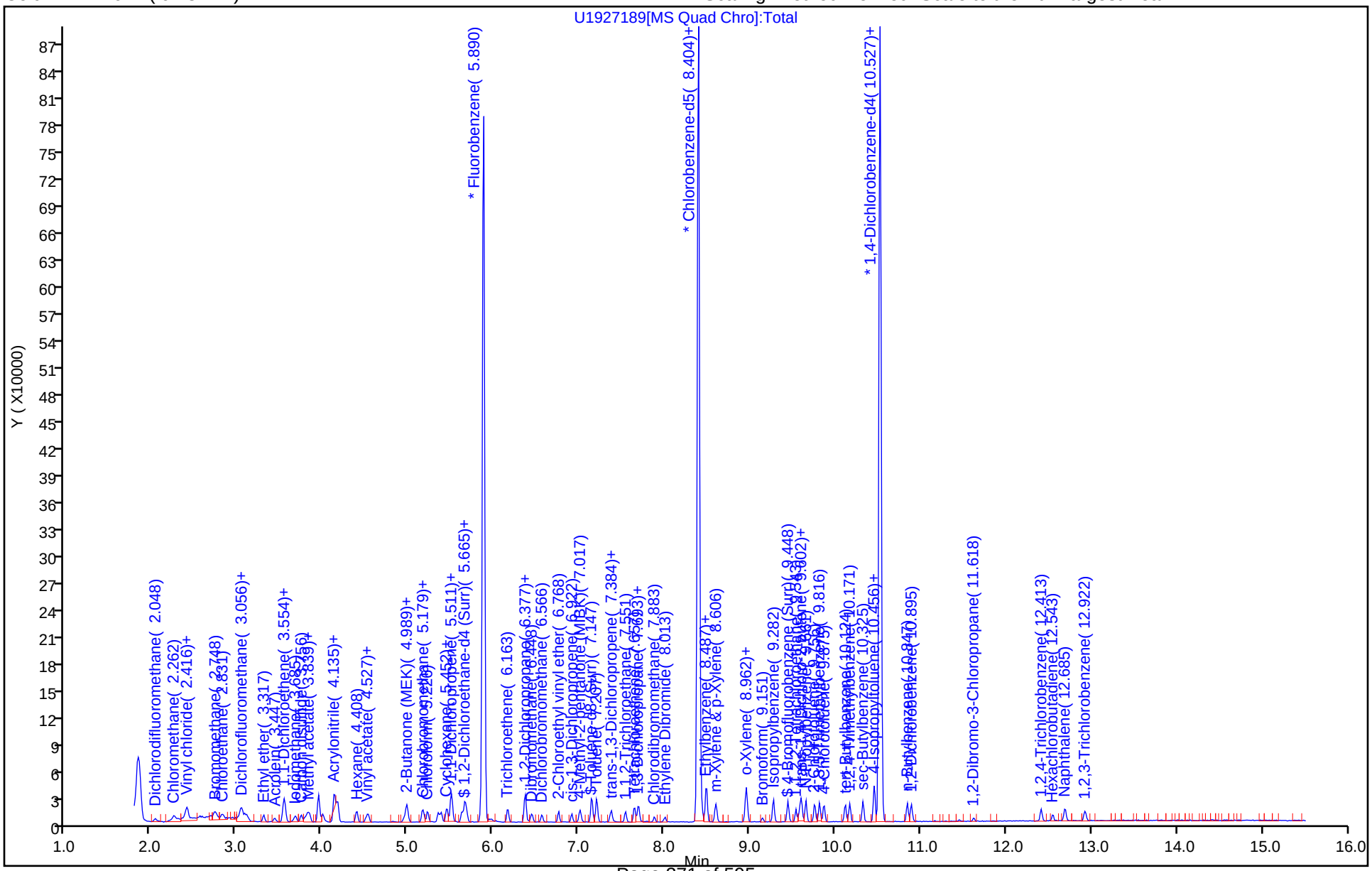
Report Date: 02-May-2022 09:05:03 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D

Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L1			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



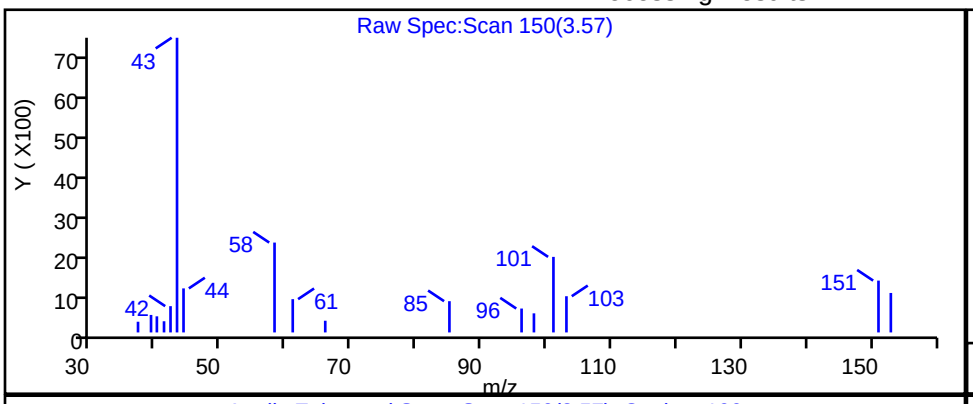
User Disabled Compound Report

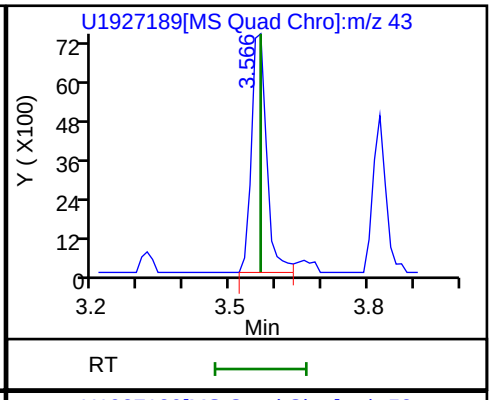
Eurofins Canton

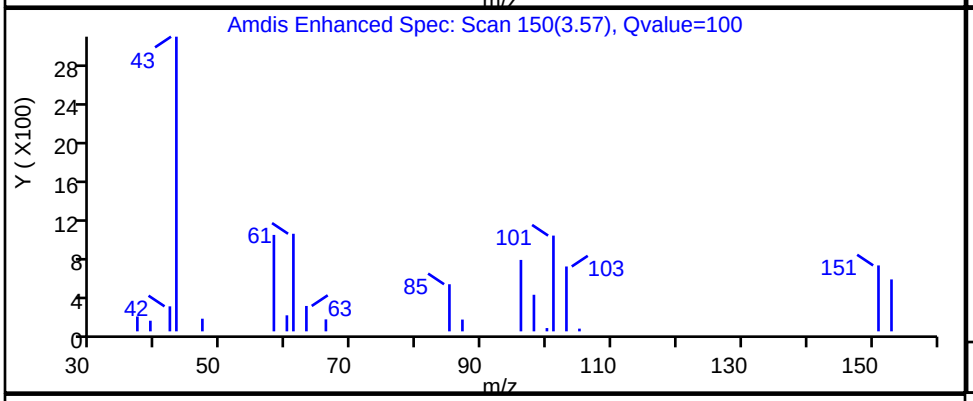
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D				
Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

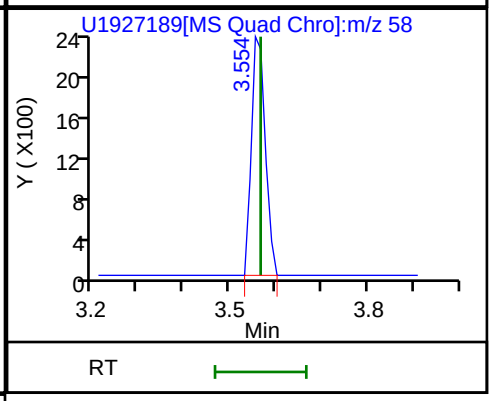
22 Acetone, CAS: 67-64-1

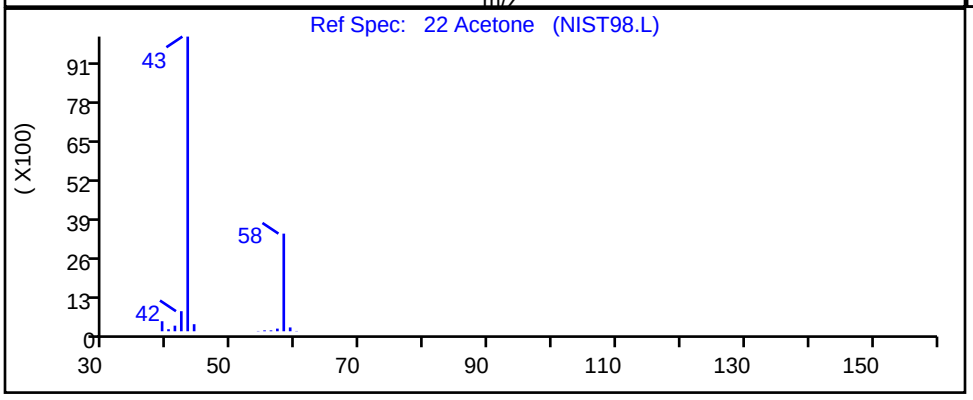
Processing Results











RT	Mass	Response	Amount
3.57	43.00	17213	1.440157
3.55	58.00	5031	

Reviewer: laveyt, 29-Apr-2022 14:19:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

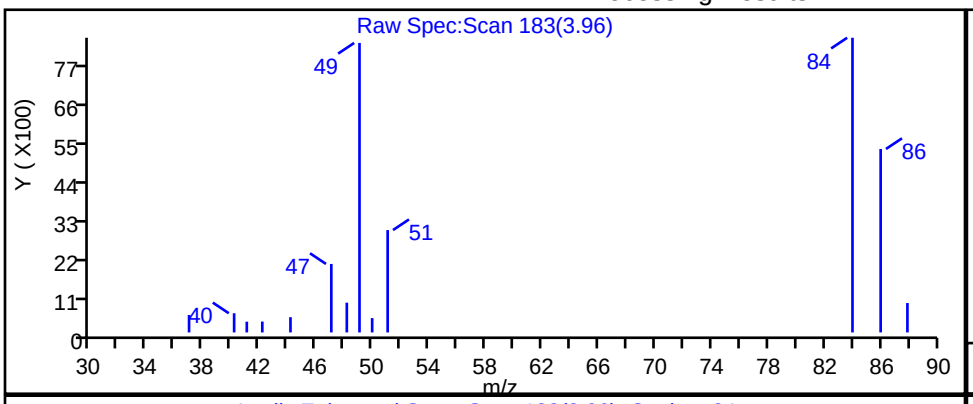
User Disabled Compound Report

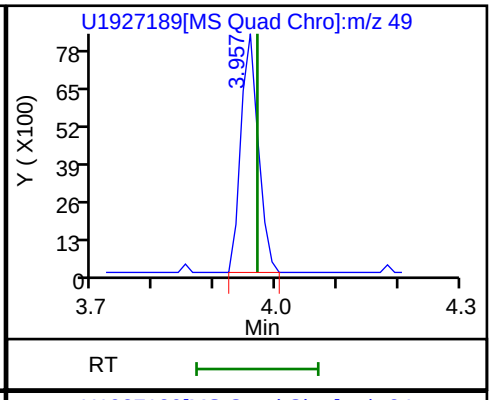
Eurofins Canton

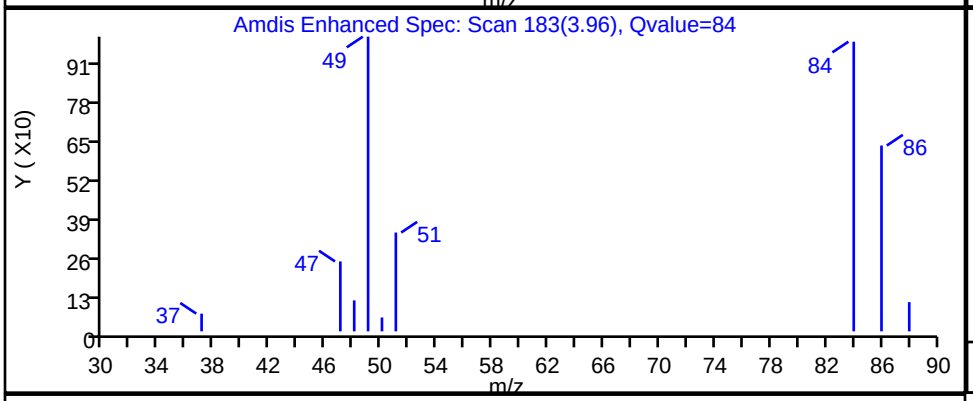
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D				
Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

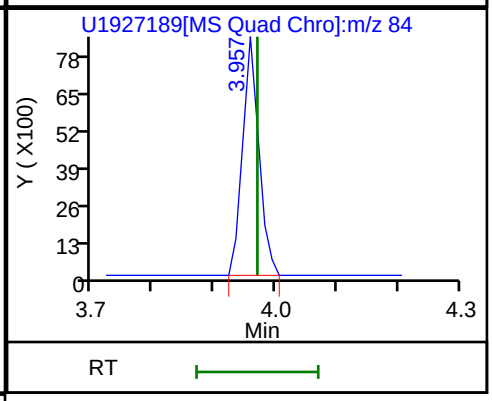
29 Methylene Chloride, CAS: 75-09-2

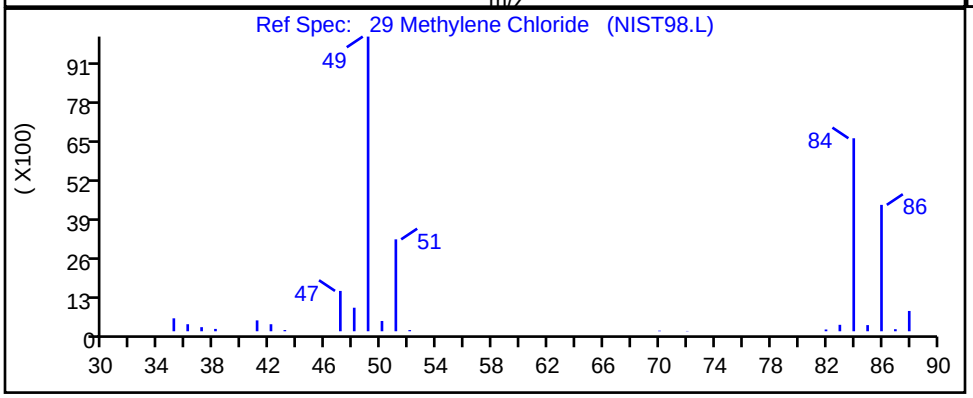
Processing Results











RT	Mass	Response	Amount
3.96	49.00	16487	0.624907
3.96	84.00	15809	

Reviewer: laveyt, 29-Apr-2022 14:19:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927190.D
Lims ID: std8260 L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Apr-2022 11:29:35 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-010
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:06 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 11:49:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	704554	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	549022	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	282998	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	92	9377	1.00	0.9098	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	11013	1.00	0.9507	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	30824	1.00	0.9233	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	11540	1.00	0.9404	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	98	10560	1.00	0.8904	
10 Chloromethane	50	2.273	2.273	0.000	96	11434	1.00	0.9837	
12 Vinyl chloride	62	2.404	2.404	0.000	96	11987	1.00	0.9641	
11 Butadiene	54	2.428	2.427	0.001	86	11758	1.00	1.00	
13 Bromomethane	94	2.760	2.759	0.001	93	11533	1.00	0.9632	
15 Chloroethane	64	2.843	2.842	0.001	99	9538	1.00	1.01	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	22629	1.00	0.9720	
17 Trichlorofluoromethane	101	3.080	3.079	0.001	89	18991	1.00	0.9112	
18 Ethyl ether	59	3.317	3.328	-0.011	85	6742	1.00	0.9489	
19 Acrolein	56	3.447	3.447	0.000	94	7071	5.00	5.18	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	97	11471	1.00	0.8768	
21 112TCTFE	101	3.566	3.566	0.000	73	9222	1.00	0.8707	
22 Acetone	43	3.566	3.566	0.000	99	18230	2.00	2.46	
24 Iodomethane	142	3.685	3.696	-0.011	99	15158	1.00	0.9564	
25 Carbon disulfide	76	3.768	3.767	0.001	99	19632	1.00	0.8451	
28 Methyl acetate	43	3.827	3.838	-0.011	97	16699	2.00	1.97	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	71	9817	1.00	0.9324	
29 Methylene Chloride	49	3.957	3.969	-0.012	88	19393	1.00	1.10	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	95	13156	10.0	9.87	
31 Acrylonitrile	53	4.147	4.147	0.000	97	44056	10.0	9.97	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	95	24327	1.00	0.9421	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	97	12261	1.00	0.9666	
34 Hexane	57	4.408	4.408	0.000	89	9455	1.00	0.7989	
36 Vinyl acetate	43	4.515	4.514	0.001	98	13114	1.00	0.9189	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	95	14424	1.00	0.9248	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	100	3198	2.00	1.81	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	84	9339	1.00	0.8655	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	87	8434	1.00	0.8108	
46 Chlorobromomethane	49	5.179	5.178	0.001	89	7048	1.00	0.9573	
47 Tetrahydrofuran	42	5.191	5.190	0.001	77	6633	2.00	1.93	
48 Chloroform	83	5.238	5.238	0.000	93	15484	1.00	0.8850	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	12613	1.00	0.8418	
50 Cyclohexane	84	5.463	5.463	0.000	85	13311	1.00	0.8980	
53 Isobutyl alcohol	41	5.511	5.510	0.001	81	10693	25.0	22.3	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	84	10709	1.00	0.8378	
52 Carbon tetrachloride	117	5.523	5.522	0.001	92	10977	1.00	0.8394	
54 Benzene	78	5.677	5.677	0.001	97	33841	1.00	0.9291	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	97	12957	1.00	0.9822	
57 n-Heptane	57	5.890	5.866	0.024	74	26878	1.00	0.9794	
59 Trichloroethene	130	6.175	6.175	0.000	97	9961	1.00	0.9444	
61 Methylcyclohexane	83	6.376	6.376	0.000	88	12093	1.00	0.7762	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	82	7484	1.00	0.8995	
65 1,4-Dioxane	88	6.412	6.424	-0.012	81	2245	20.0	15.6	
64 Dibromomethane	174	6.459	6.459	0.000	92	6294	1.00	0.9215	
66 Dichlorobromomethane	83	6.578	6.578	0.000	97	9782	1.00	0.8878	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	92	9066	2.00	1.60	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	93	8702	1.00	0.7471	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	92	16537	2.00	1.58	
71 Toluene	91	7.207	7.218	-0.011	99	34839	1.00	0.9119	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	95	8709	1.00	0.8159	
73 Ethyl methacrylate	69	7.384	7.384	0.000	85	8140	1.00	0.7742	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	87	7891	1.00	0.9704	
75 Tetrachloroethene	166	7.657	7.657	0.000	95	9222	1.00	0.8981	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	91	12245	1.00	0.9085	
77 2-Hexanone	43	7.705	7.704	0.001	95	12218	2.00	1.66	
79 Chlorodibromomethane	129	7.894	7.894	0.000	87	6788	1.00	0.8644	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	7553	1.00	0.8780	
83 Chlorobenzene	112	8.428	8.428	0.000	96	23799	1.00	0.9512	
84 1,1,1,2-Tetrachloroethane	131	8.487	8.499	-0.012	44	7757	1.00	0.8890	
85 Ethylbenzene	106	8.499	8.499	0.000	98	11328	1.00	0.8801	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	12784	1.00	0.8182	
87 o-Xylene	106	8.950	8.961	-0.011	96	12412	1.00	0.8284	
88 Styrene	104	8.974	8.973	0.001	94	18797	1.00	0.7852	
89 Bromoform	173	9.151	9.151	0.000	93	4417	1.00	0.8305	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	32185	1.00	0.7984	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	97	11325	1.00	0.9156	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	64	2421	1.00	0.7632	
95 Bromobenzene	156	9.602	9.602	0.000	95	9713	1.00	0.9422	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	82	4281	1.00	0.9509	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	7969	1.00	0.7575	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	8792	1.00	0.9411	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	95	23220	1.00	0.7456	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	8502	1.00	0.8709	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	21638	1.00	0.7921	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	23950	1.00	0.7764	
106 sec-Butylbenzene	105	10.325	10.325	0.000	94	29270	1.00	0.7525	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	97	18781	1.00	0.9746	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	23490	1.00	0.7385	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	95	19463	1.00	0.9806	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	20217	1.00	0.7372	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	96	16522	1.00	0.9180	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	76	2045	1.00	0.7349	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	91	9451	1.00	0.9706	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	92	2804	1.00	0.8171	
118 Naphthalene	128	12.685	12.697	-0.012	97	24529	1.00	0.7964	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	8335	1.00	0.8858	
S 125 Trihalomethanes, Total	1				0		4.00	3.47	
S 124 Total BTEX	1				0		5.00	4.37	
S 126 1,2-Dichloroethene, Total	96				0			1.83	
S 127 1,3-Dichloropropene, Total	75				0			1.56	
S 128 Xylenes, Total	106				0		2.00	1.65	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	0.80	Units: uL
vmarolistdw_00435	Amount Added:	0.80	Units: uL
vmrprimw_00479	Amount Added:	0.80	Units: uL
vm50ss_stk_00091	Amount Added:	0.80	Units: uL

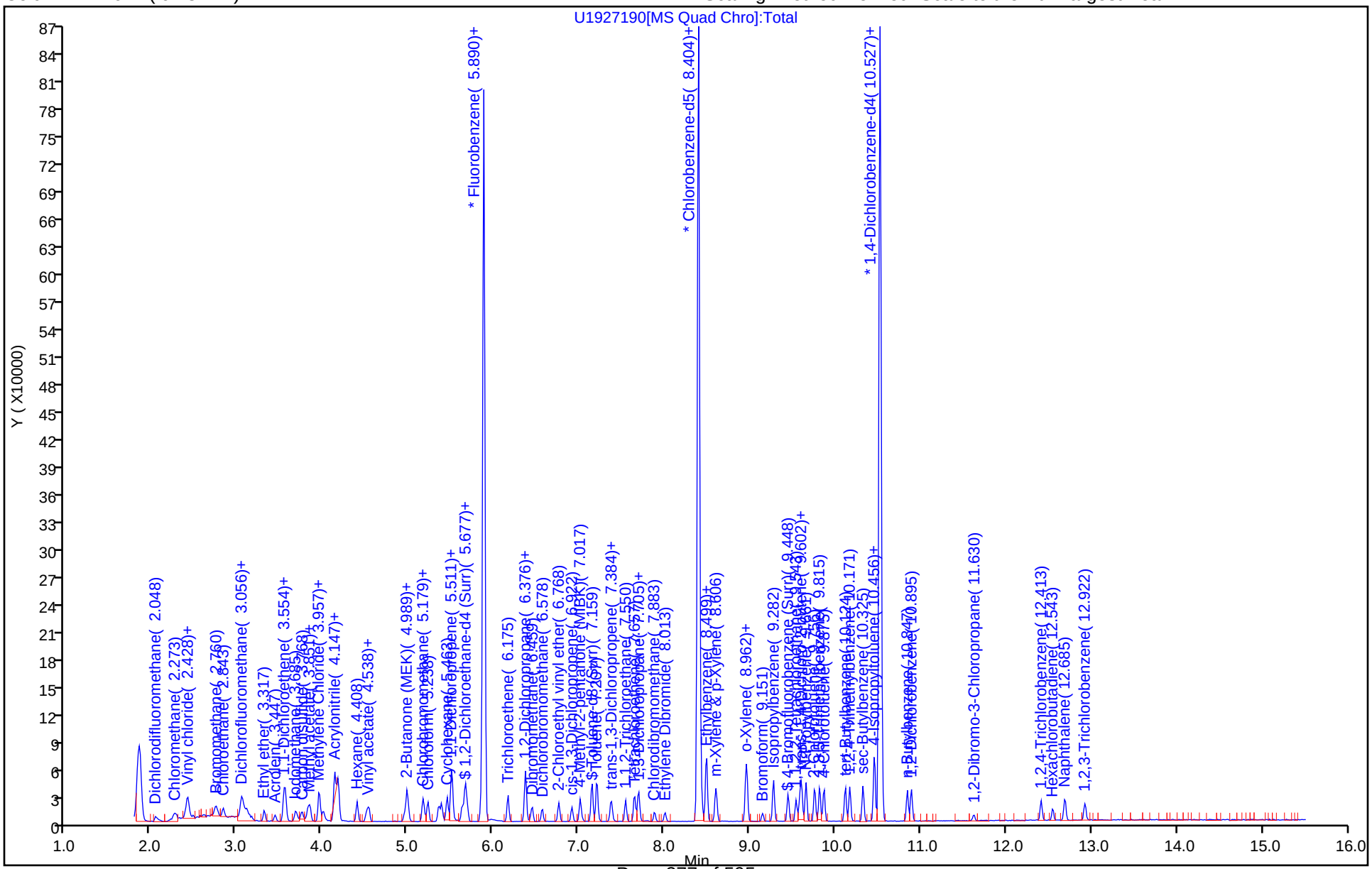
Report Date: 02-May-2022 09:05:07 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927190.D

Injection Date:	29-Apr-2022 11:29:35	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L2			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927191.D
Lims ID: std8260 L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Apr-2022 11:52:06 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-011
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:11 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 12:40:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	757480	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	596732	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	306240	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	92	22804	2.00	2.06	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	98	25928	2.00	2.08	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	72748	2.00	2.00	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	25666	2.00	1.92	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	25191	2.00	1.98	
10 Chloromethane	50	2.262	2.273	-0.011	99	26649	2.00	2.13	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	28571	2.00	2.14	
11 Butadiene	54	2.416	2.427	-0.011	89	26367	2.00	2.09	
13 Bromomethane	94	2.748	2.759	-0.011	93	25612	2.00	1.99	
15 Chloroethane	64	2.831	2.842	-0.011	100	20486	2.00	2.01	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	51466	2.00	2.06	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	96	43555	2.00	1.94	
18 Ethyl ether	59	3.317	3.328	-0.011	89	15679	2.00	2.05	
19 Acrolein	56	3.447	3.447	0.000	99	13010	10.0	8.86	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	28555	2.00	2.03	
21 112TCTFE	101	3.554	3.566	-0.012	93	23825	2.00	2.09	
22 Acetone	43	3.566	3.566	0.000	99	21368	4.00	2.93	
24 Iodomethane	142	3.685	3.696	-0.011	98	34200	2.00	2.01	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	48067	2.00	1.92	
28 Methyl acetate	43	3.827	3.838	-0.011	96	38106	4.00	4.18	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	87	21824	2.00	1.93	
29 Methylene Chloride	49	3.957	3.969	-0.012	85	29129	2.00	1.81	
30 2-Methyl-2-propanol	59	4.005	4.016	-0.011	96	28180	20.0	19.7	
31 Acrylonitrile	53	4.135	4.147	-0.012	98	89948	20.0	18.9	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	96	52405	2.00	1.89	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	94	26843	2.00	1.97	
34 Hexane	57	4.408	4.408	0.000	91	25605	2.00	2.01	
36 Vinyl acetate	43	4.515	4.514	0.001	97	28340	2.00	1.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	34212	2.00	2.04	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	98	7212	4.00	3.80	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	24004	2.00	2.07	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	87	23353	2.00	2.09	
46 Chlorobromomethane	49	5.167	5.178	-0.011	86	15659	2.00	1.98	
47 Tetrahydrofuran	42	5.191	5.190	0.001	79	14612	4.00	3.96	
48 Chloroform	83	5.238	5.238	0.000	94	39004	2.00	2.07	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	30952	2.00	1.92	
50 Cyclohexane	84	5.463	5.463	0.000	83	32265	2.00	2.02	
53 Isobutyl alcohol	41	5.511	5.510	0.001	74	24547	50.0	47.6	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	92	27966	2.00	2.04	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	27593	2.00	1.96	
54 Benzene	78	5.665	5.677	-0.011	96	82089	2.00	2.10	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	29053	2.00	2.05	
57 n-Heptane	57	5.890	5.866	0.024	87	36035	2.00	2.14	
59 Trichloroethene	130	6.175	6.175	0.000	97	22605	2.00	1.99	
61 Methylcyclohexane	83	6.377	6.376	0.001	88	33189	2.00	1.98	
62 1,2-Dichloropropane	63	6.377	6.376	0.001	93	17896	2.00	2.00	
65 1,4-Dioxane	88	6.424	6.424	0.000	88	5806	40.0	37.6	
64 Dibromomethane	174	6.460	6.459	0.001	94	14110	2.00	1.92	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	98	21724	2.00	1.83	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	91	22135	4.00	3.64	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	94	22353	2.00	1.79	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	42053	4.00	3.74	
71 Toluene	91	7.218	7.218	0.000	97	85946	2.00	2.07	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	96	20701	2.00	1.78	
73 Ethyl methacrylate	69	7.385	7.384	0.001	84	19568	2.00	1.71	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.001	93	17986	2.00	2.04	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	23657	2.00	2.12	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	94	29413	2.00	2.01	
77 2-Hexanone	43	7.705	7.704	0.001	97	31151	4.00	3.89	
79 Chlorodibromomethane	129	7.894	7.894	0.000	86	15552	2.00	1.82	
81 Ethylene Dibromide	107	8.013	8.013	0.000	99	18156	2.00	1.94	
83 Chlorobenzene	112	8.428	8.428	0.000	95	56626	2.00	2.08	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	71	17198	2.00	1.81	
85 Ethylbenzene	106	8.499	8.499	0.000	98	27675	2.00	1.98	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	33129	2.00	1.95	
87 o-Xylene	106	8.962	8.961	0.001	97	30588	2.00	1.88	
88 Styrene	104	8.974	8.973	0.001	93	48095	2.00	1.85	
89 Bromoform	173	9.151	9.151	0.000	91	10415	2.00	1.80	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	82313	2.00	1.88	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	97	26799	2.00	2.00	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	67	6170	2.00	1.80	
95 Bromobenzene	156	9.602	9.602	0.000	94	22477	2.00	2.01	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	10115	2.00	2.08	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	21910	2.00	1.92	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	20145	2.00	1.99	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	64776	2.00	1.92	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	22537	2.00	2.13	
103 tert-Butylbenzene	119	10.124	10.123	0.001	92	56008	2.00	1.89	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	61763	2.00	1.85	
106 sec-Butylbenzene	105	10.325	10.325	0.000	94	80651	2.00	1.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	91	42595	2.00	2.04	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	62829	2.00	1.83	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	96	45792	2.00	2.13	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	57554	2.00	1.94	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	96	39310	2.00	2.02	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	81	5603	2.00	1.86	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	92	19912	2.00	1.89	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	92	7331	2.00	1.97	
118 Naphthalene	128	12.697	12.697	0.000	97	56990	2.00	1.71	
119 1,2,3-Trichlorobenzene	180	12.923	12.922	0.000	96	19329	2.00	1.90	
S 125 Trihalomethanes, Total	1				0		8.00	7.53	
S 124 Total BTEX	1				0		10.0	9.97	
S 126 1,2-Dichloroethene, Total	96				0			4.04	
S 127 1,3-Dichloropropene, Total	75				0			3.57	
S 128 Xylenes, Total	106				0		4.00	3.83	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	1.60	Units: uL
vmarolistdw_00435	Amount Added:	1.60	Units: uL
vmrprimw_00479	Amount Added:	1.60	Units: uL
vm50ss_stk_00091	Amount Added:	1.60	Units: uL

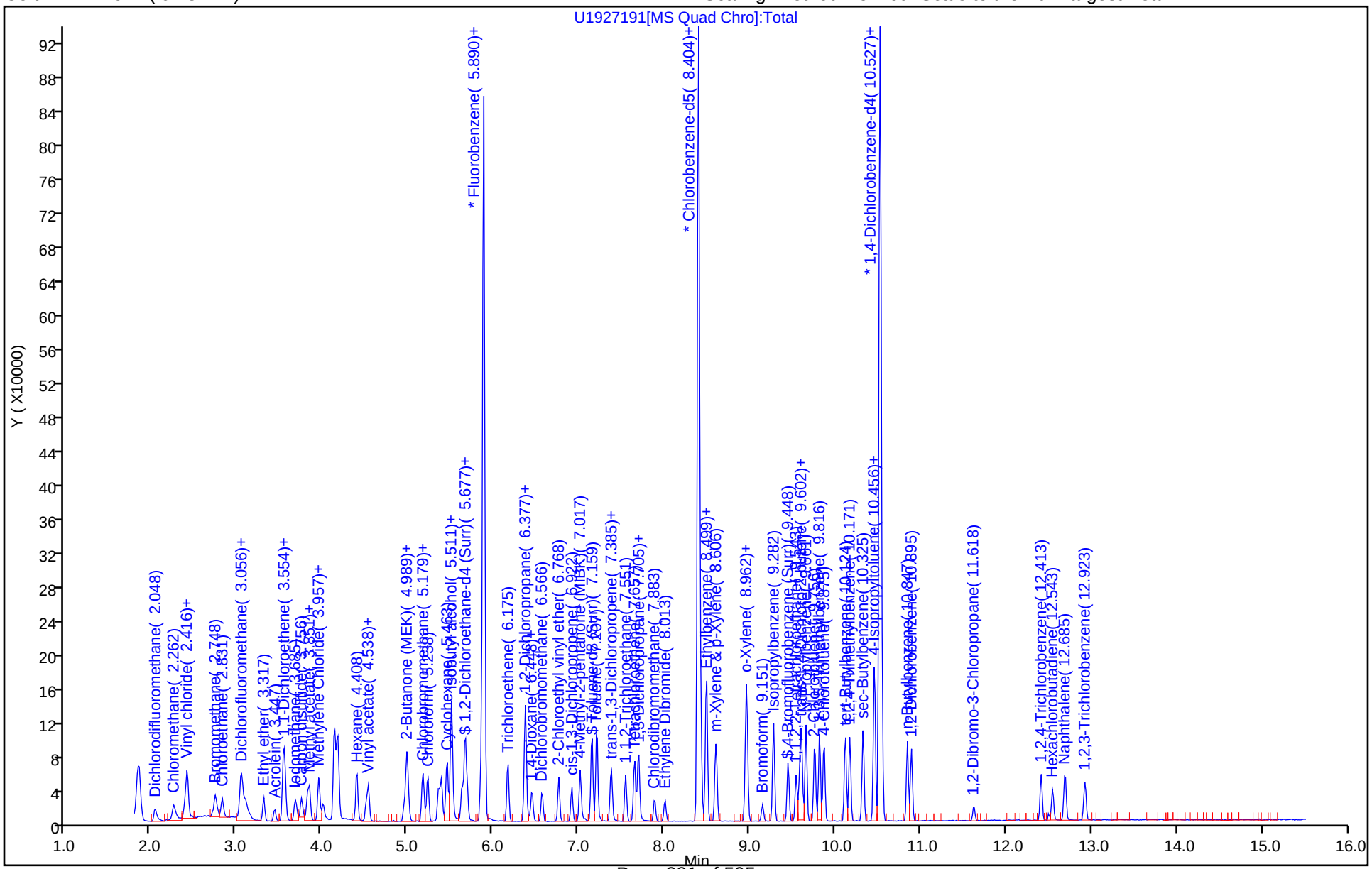
Report Date: 02-May-2022 09:05:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927191.D

Injection Date:	29-Apr-2022 11:52:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L3			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927192.D
Lims ID: std8260 L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Apr-2022 12:14:24 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-012
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 12:41:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	733543	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	93	587630	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	311923	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	103727	10.0	9.67	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	116222	10.0	9.64	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	349811	10.0	9.79	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	122028	10.0	9.29	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	125858	10.0	10.2	
10 Chloromethane	50	2.273	2.273	0.000	99	126213	10.0	10.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	132446	10.0	10.2	
11 Butadiene	54	2.428	2.428	0.000	88	125077	10.0	10.3	
13 Bromomethane	94	2.760	2.760	0.000	92	120470	10.0	9.66	
15 Chloroethane	64	2.843	2.843	0.000	100	95894	10.0	9.71	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	244704	10.0	10.1	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	98	217357	10.0	10.0	
18 Ethyl ether	59	3.317	3.317	0.000	88	72378	10.0	9.78	
19 Acrolein	56	3.447	3.447	0.000	99	64041	50.0	45.0	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	136431	10.0	10.0	
21 112TCTFE	101	3.566	3.566	0.000	94	114191	10.0	10.4	
22 Acetone	43	3.566	3.566	0.000	100	83612	20.0	20.3	
24 Iodomethane	142	3.696	3.696	0.000	99	166724	10.0	10.1	
25 Carbon disulfide	76	3.756	3.756	0.000	99	238005	10.0	9.84	
28 Methyl acetate	43	3.827	3.827	0.000	96	171025	20.0	19.4	
27 3-Chloro-1-propene	41	3.851	3.851	0.000	84	104435	10.0	9.53	
29 Methylene Chloride	49	3.957	3.957	0.000	88	121139	10.0	10.0	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	96	137466	100.0	99.1	
31 Acrylonitrile	53	4.147	4.147	0.000	99	466402	100.0	101.3	
33 Methyl tert-butyl ether	73	4.183	4.183	0.000	94	264975	10.0	9.86	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	132931	10.0	10.1	
34 Hexane	57	4.408	4.408	0.000	91	124457	10.0	10.1	
36 Vinyl acetate	43	4.515	4.515	0.000	98	142887	10.0	9.62	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	161514	10.0	9.95	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	34118	20.0	18.6	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	111581	10.0	9.93	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	88	106329	10.0	9.82	
46 Chlorobromomethane	49	5.179	5.179	0.000	87	78310	10.0	10.2	
47 Tetrahydrofuran	42	5.191	5.191	0.000	80	72520	20.0	20.3	
48 Chloroform	83	5.238	5.238	0.000	93	181021	10.0	9.94	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	154337	10.0	9.89	
50 Cyclohexane	84	5.463	5.463	0.000	85	152485	10.0	9.88	
53 Isobutyl alcohol	41	5.511	5.511	0.000	79	116112	250.0	232.6	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	91	136328	10.0	10.2	
52 Carbon tetrachloride	117	5.523	5.523	0.000	95	142694	10.0	10.5	
54 Benzene	78	5.677	5.677	0.000	96	381377	10.0	10.1	
55 1,2-Dichloroethane	62	5.701	5.701	0.000	98	133245	10.0	9.70	
57 n-Heptane	57	5.855	5.855	0.000	84	79289	10.0	9.62	
59 Trichloroethene	130	6.175	6.175	0.000	97	107998	10.0	9.83	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	163565	10.0	10.1	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	86084	10.0	9.94	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	33363	200.0	223.1	
64 Dibromomethane	174	6.459	6.459	0.000	95	68706	10.0	9.66	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	110198	10.0	9.61	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	117746	20.0	20.0	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	116771	10.0	9.63	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	223360	20.0	20.5	
71 Toluene	91	7.218	7.218	0.000	98	411342	10.0	10.1	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	98	105967	10.0	9.28	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	111565	10.0	9.91	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	86183	10.0	9.90	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	109210	10.0	9.94	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	93	142313	10.0	9.87	
77 2-Hexanone	43	7.705	7.705	0.000	91	153635	20.0	19.5	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	78231	10.0	9.31	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	91473	10.0	9.93	
83 Chlorobenzene	112	8.428	8.428	0.000	97	265925	10.0	9.93	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	93834	10.0	10.0	
85 Ethylbenzene	106	8.499	8.499	0.000	98	137058	10.0	9.95	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	173490	10.0	10.4	
87 o-Xylene	106	8.962	8.962	0.000	97	167041	10.0	10.4	
88 Styrene	104	8.974	8.974	0.000	93	257838	10.0	10.1	
89 Bromoform	173	9.151	9.151	0.000	94	55154	10.0	9.69	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	444600	10.0	10.3	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	130643	10.0	9.58	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	83	32035	10.0	9.16	
95 Bromobenzene	156	9.602	9.602	0.000	94	111775	10.0	9.84	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	79	47530	10.0	9.58	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	119614	10.0	10.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	106483	10.0	10.3	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	352118	10.0	10.3	
102 4-Chlorotoluene	126	9.875	9.875	0.000	97	110895	10.0	10.3	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	310375	10.0	10.3	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	357693	10.0	10.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	441546	10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	208540	10.0	9.82	
108 4-Isopropyltoluene	119	10.456	10.456	0.000	97	369318	10.0	10.5	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	95	210778	10.0	9.63	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	304994	10.0	10.1	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	98	195870	10.0	9.87	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	85	30043	10.0	9.79	
116 1,2,4-Trichlorobenzene	180	12.413	12.413	0.000	94	101532	10.0	9.46	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	37469	10.0	9.91	
118 Naphthalene	128	12.697	12.697	0.000	97	323305	10.0	9.52	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	99192	10.0	9.56	
S 125 Trihalomethanes, Total	1				0		40.0	38.5	
S 124 Total BTEX	1				0		50.0	50.9	
S 126 1,2-Dichloroethene, Total	96				0			20.0	
S 127 1,3-Dichloropropene, Total	75				0			18.9	
S 128 Xylenes, Total	106				0		20.0	20.8	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	8.00	Units: uL
vmarolistdw_00435	Amount Added:	8.00	Units: uL
vmrprimw_00479	Amount Added:	8.00	Units: uL
vm50ss_stk_00091	Amount Added:	8.00	Units: uL

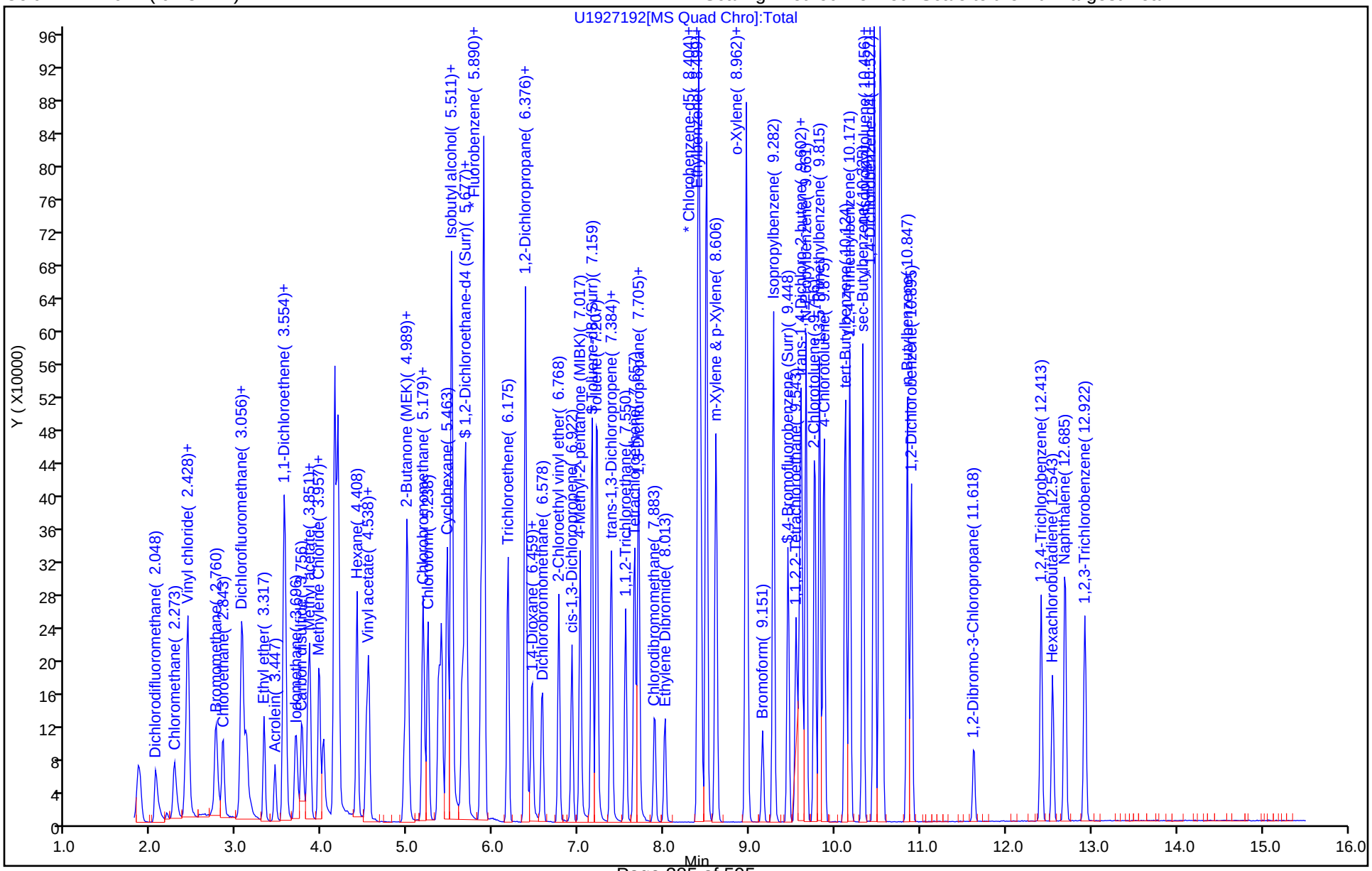
Report Date: 02-May-2022 09:05:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927192.D

Injection Date:	29-Apr-2022 12:14:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L4			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927193.D
Lims ID: ICIS L5
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 29-Apr-2022 12:36:55 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-013
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:01:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	768809	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	611064	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	322411	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.368	0.000	93	215927	20.0	19.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	98	231227	20.0	18.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	727002	20.0	19.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	257729	20.0	18.9	
9 Dichlorodifluoromethane	85	2.060	2.060	0.000	99	276933	20.0	21.4	
10 Chloromethane	50	2.273	2.273	0.000	98	253905	20.0	20.0	
12 Vinyl chloride	62	2.404	2.404	0.000	98	283523	20.0	20.9	
11 Butadiene	54	2.427	2.427	0.000	87	265052	20.0	20.7	
13 Bromomethane	94	2.759	2.759	0.000	92	250556	20.0	19.2	
15 Chloroethane	64	2.842	2.842	0.000	100	202407	20.0	19.6	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	505733	20.0	19.9	
17 Trichlorofluoromethane	101	3.079	3.079	0.000	98	476446	20.0	21.0	
18 Ethyl ether	59	3.328	3.328	0.000	87	149723	20.0	19.3	
19 Acrolein	56	3.447	3.447	0.000	99	143944	100.0	96.6	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	98	286743	20.0	20.1	
21 112TCTFE	101	3.566	3.566	0.000	94	236656	20.0	20.5	
22 Acetone	43	3.566	3.566	0.000	100	165427	40.0	40.9	
24 Iodomethane	142	3.696	3.696	0.000	99	340623	20.0	19.7	
25 Carbon disulfide	76	3.767	3.767	0.000	99	498296	20.0	19.7	
28 Methyl acetate	43	3.838	3.838	0.000	96	351553	40.0	38.0	
27 3-Chloro-1-propene	41	3.862	3.862	0.000	86	219329	20.0	19.1	
29 Methylene Chloride	49	3.969	3.969	0.000	87	242173	20.0	19.8	
30 2-Methyl-2-propanol	59	4.016	4.016	0.000	97	271951	200.0	187.0	
31 Acrylonitrile	53	4.147	4.147	0.000	99	920751	200.0	190.9	
33 Methyl tert-butyl ether	73	4.182	4.182	0.000	94	548318	20.0	19.5	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	273530	20.0	19.8	
34 Hexane	57	4.408	4.408	0.000	91	265949	20.0	20.6	
36 Vinyl acetate	43	4.514	4.514	0.000	98	318909	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.550	4.550	0.000	96	335770	20.0	19.7	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	73621	40.0	38.3	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	231625	20.0	19.7	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	89	230493	20.0	20.3	
46 Chlorobromomethane	49	5.178	5.178	0.000	86	158628	20.0	19.7	
47 Tetrahydrofuran	42	5.190	5.190	0.000	81	150261	40.0	40.1	
48 Chloroform	83	5.238	5.238	0.000	94	376021	20.0	19.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	338150	20.0	20.7	
50 Cyclohexane	84	5.463	5.463	0.000	81	328309	20.0	20.3	
53 Isobutyl alcohol	41	5.510	5.510	0.000	79	260357	500.0	497.7	
51 1,1-Dichloropropene	75	5.510	5.510	0.000	91	288547	20.0	20.7	
52 Carbon tetrachloride	117	5.522	5.522	0.000	97	288947	20.0	20.2	
54 Benzene	78	5.677	5.677	0.000	95	780220	20.0	19.6	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	270727	20.0	18.8	
57 n-Heptane	57	5.854	5.866	-0.012	85	144915	20.0	19.5	
59 Trichloroethene	130	6.175	6.175	0.000	97	228410	20.0	19.8	
61 Methylcyclohexane	83	6.376	6.376	0.000	90	357161	20.0	21.0	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	92	177001	20.0	19.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	69861	400.0	445.8	
64 Dibromomethane	174	6.459	6.459	0.000	95	143408	20.0	19.2	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	239065	20.0	19.9	
68 2-Chloroethyl vinyl ether	63	6.767	6.767	0.000	93	253067	40.0	41.0	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	260178	20.0	20.5	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	473609	40.0	41.5	
71 Toluene	91	7.218	7.218	0.000	98	844716	20.0	19.9	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	240133	20.0	20.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	243575	20.0	20.8	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	91	176785	20.0	19.5	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	234397	20.0	20.5	
76 1,3-Dichloropropane	76	7.692	7.692	0.000	93	299466	20.0	20.0	
77 2-Hexanone	43	7.704	7.704	0.000	91	342400	40.0	41.8	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	173977	20.0	19.9	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	192412	20.0	20.1	
83 Chlorobenzene	112	8.428	8.428	0.000	95	544338	20.0	19.5	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	200277	20.0	20.6	
85 Ethylbenzene	106	8.499	8.499	0.000	98	294134	20.0	20.5	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	361399	20.0	20.8	
87 o-Xylene	106	8.961	8.961	0.000	97	350080	20.0	21.0	
88 Styrene	104	8.973	8.973	0.000	94	569368	20.0	21.4	
89 Bromoform	173	9.151	9.151	0.000	94	119390	20.0	20.2	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	960474	20.0	21.4	
93 1,1,2,2-Tetrachloroethane	83	9.542	9.542	0.000	96	275409	20.0	19.5	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	69	72537	20.0	20.1	
95 Bromobenzene	156	9.602	9.602	0.000	96	230239	20.0	19.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	97816	20.0	19.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	255808	20.0	21.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	221553	20.0	20.8	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	768901	20.0	21.7	
102 4-Chlorotoluene	126	9.874	9.874	0.000	97	227592	20.0	20.5	
103 tert-Butylbenzene	119	10.123	10.123	0.000	93	670524	20.0	21.5	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	766635	20.0	21.8	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	965144	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	432077	20.0	19.7	
108 4-Isopropyltoluene	119	10.467	10.467	0.000	97	805237	20.0	22.2	
109 1,4-Dichlorobenzene	146	10.550	10.550	0.000	95	441705	20.0	19.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	667922	20.0	21.4	
113 1,2-Dichlorobenzene	146	10.894	10.894	0.000	97	400375	20.0	19.5	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	86	63403	20.0	20.0	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	93	214760	20.0	19.4	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	80347	20.0	20.6	
118 Naphthalene	128	12.697	12.697	0.000	97	720411	20.0	20.5	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	213053	20.0	19.9	
S 125 Trihalomethanes, Total	1				0		80.0	79.7	
S 124 Total BTEX	1				0		100.0	101.8	
S 128 Xylenes, Total	106				0		40.0	41.8	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	16.00	Units: uL
vmarolistdw_00435	Amount Added:	16.00	Units: uL
vmrprimw_00479	Amount Added:	16.00	Units: uL
vm50ss_stk_00091	Amount Added:	16.00	Units: uL

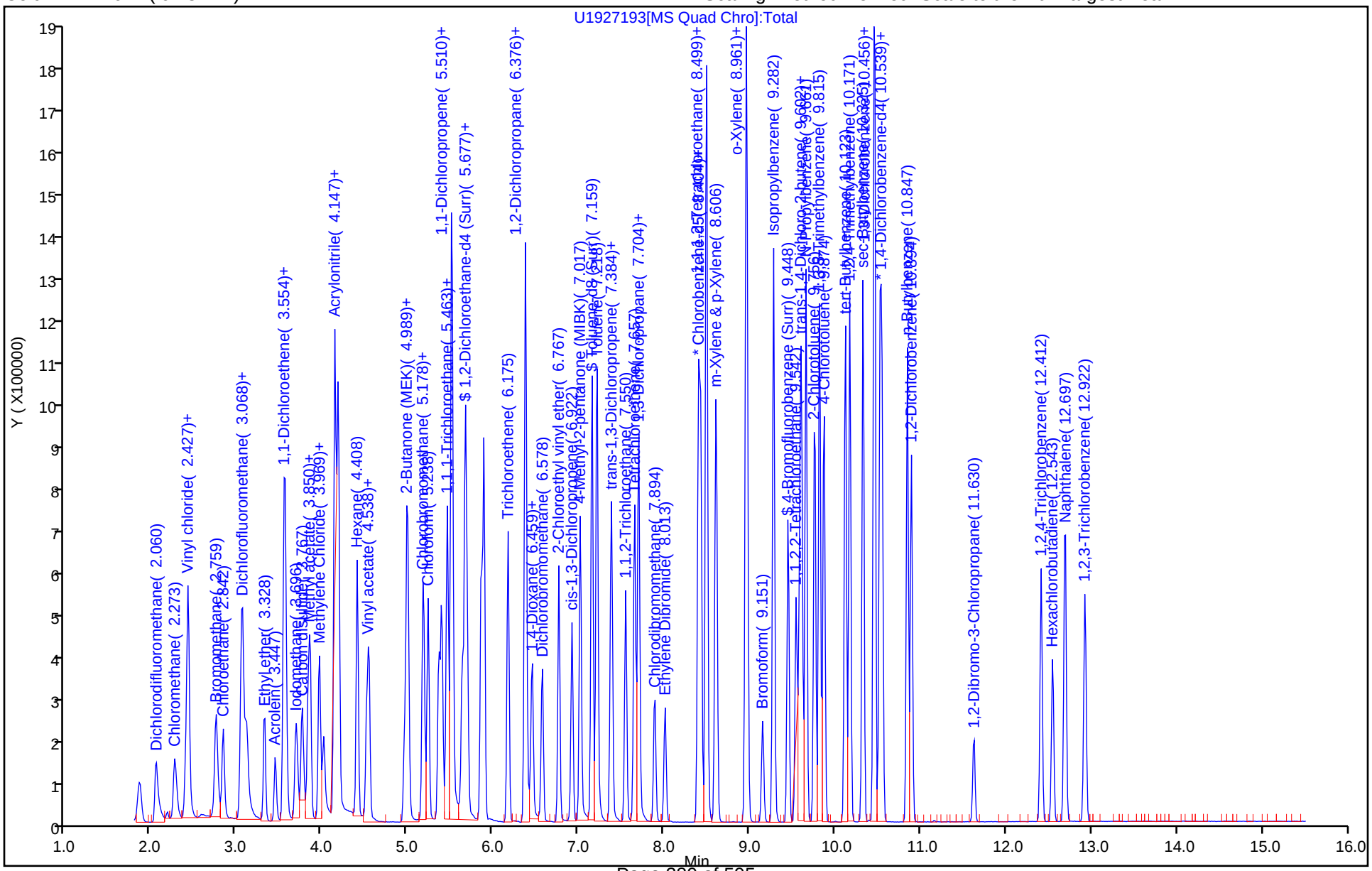
Report Date: 02-May-2022 09:05:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927193.D

Injection Date:	29-Apr-2022 12:36:55	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICIS L5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927194.D
Lims ID: std8260 L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Apr-2022 12:59:15 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-014
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:27 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:02:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	98	823277	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	663926	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	94	357860	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	96	461798	40.0	38.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	499805	40.0	36.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	1583147	40.0	39.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	560535	40.0	37.8	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	567424	40.0	40.9	
10 Chloromethane	50	2.262	2.273	-0.011	99	508542	40.0	37.4	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	575255	40.0	39.6	
11 Butadiene	54	2.416	2.427	-0.011	89	536905	40.0	39.2	
13 Bromomethane	94	2.748	2.759	-0.011	92	548219	40.0	39.2	
15 Chloroethane	64	2.831	2.842	-0.011	100	433214	40.0	39.1	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	98	1073410	40.0	39.5	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	98	1018297	40.0	41.8	
18 Ethyl ether	59	3.317	3.328	-0.011	88	328064	40.0	39.5	
19 Acrolein	56	3.447	3.447	0.000	99	316746	200.0	198.5	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	99	626074	40.0	41.0	
21 112TCTFE	101	3.554	3.566	-0.012	95	500494	40.0	40.4	
22 Acetone	43	3.566	3.566	0.000	100	338818	80.0	80.7	
24 Iodomethane	142	3.685	3.696	-0.011	100	729746	40.0	39.4	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	1116360	40.0	41.1	
28 Methyl acetate	43	3.827	3.838	-0.011	96	770089	80.0	77.8	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	488983	40.0	39.7	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	505898	40.0	39.2	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	582591	400.0	374.0	
31 Acrylonitrile	53	4.147	4.147	0.000	98	2038461	400.0	394.7	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	94	1248121	40.0	41.4	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	593756	40.0	40.1	
34 Hexane	57	4.408	4.408	0.000	90	587234	40.0	42.5	
36 Vinyl acetate	43	4.515	4.514	0.001	97	697966	40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	738618	40.0	40.5	
40 2-Butanone (MEK)	72	4.954	4.965	-0.011	99	163895	80.0	79.5	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	502629	40.0	39.9	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	515914	40.0	42.4	
46 Chlorobromomethane	49	5.167	5.178	-0.011	87	350778	40.0	40.8	
47 Tetrahydrofuran	42	5.191	5.190	0.001	81	335520	80.0	83.6	
48 Chloroform	83	5.238	5.238	0.000	94	808551	40.0	39.6	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	758934	40.0	43.3	
50 Cyclohexane	84	5.463	5.463	0.000	86	724916	40.0	41.9	
53 Isobutyl alcohol	41	5.511	5.510	0.001	81	553346	1000.0	987.7	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	91	629879	40.0	42.2	
52 Carbon tetrachloride	117	5.523	5.522	0.001	97	652219	40.0	42.7	
54 Benzene	78	5.677	5.677	0.001	96	1696151	40.0	39.9	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	594832	40.0	38.6	
57 n-Heptane	57	5.855	5.866	-0.011	87	289977	40.0	39.8	
59 Trichloroethene	130	6.175	6.175	0.000	97	500769	40.0	40.6	
61 Methylcyclohexane	83	6.377	6.376	0.001	89	787147	40.0	43.2	
62 1,2-Dichloropropane	63	6.377	6.376	0.001	94	393755	40.0	40.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	96	142273	800.0	847.9	
64 Dibromomethane	174	6.460	6.459	0.001	95	322581	40.0	40.4	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	537638	40.0	41.8	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	582605	80.0	88.2	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	602683	40.0	44.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	1065448	80.0	87.3	
71 Toluene	91	7.219	7.218	0.001	98	1859793	40.0	40.3	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	565422	40.0	43.8	
73 Ethyl methacrylate	69	7.385	7.384	0.001	83	584968	40.0	46.0	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.001	92	393816	40.0	40.0	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	500877	40.0	40.3	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	93	659493	40.0	40.5	
77 2-Hexanone	43	7.705	7.704	0.001	92	789555	80.0	88.7	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	405395	40.0	42.7	
81 Ethylene Dibromide	107	8.013	8.013	0.000	97	435808	40.0	41.9	
83 Chlorobenzene	112	8.428	8.428	0.000	95	1172766	40.0	38.8	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	447687	40.0	42.4	
85 Ethylbenzene	106	8.499	8.499	0.000	98	649831	40.0	41.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	797718	40.0	42.2	
87 o-Xylene	106	8.962	8.961	0.001	95	782877	40.0	43.2	
88 Styrene	104	8.974	8.973	0.001	94	1285988	40.0	44.4	
89 Bromoform	173	9.152	9.151	0.001	95	287545	40.0	44.7	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	2110040	40.0	43.3	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	613931	40.0	39.3	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	69	175218	40.0	43.7	
95 Bromobenzene	156	9.602	9.602	0.000	94	509496	40.0	39.1	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	216908	40.0	38.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	561699	40.0	42.2	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	485394	40.0	41.1	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	1696703	40.0	43.1	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	496338	40.0	40.2	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	1505700	40.0	43.6	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	1686119	40.0	43.2	
106 sec-Butylbenzene	105	10.326	10.325	0.001	94	2137689	40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	933642	40.0	38.3	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	1790313	40.0	44.5	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	94	944440	40.0	37.6	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	1501814	40.0	43.3	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	882534	40.0	38.8	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	87	146814	40.0	41.7	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	475343	40.0	38.6	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	180492	40.0	41.6	
118 Naphthalene	128	12.697	12.697	0.000	97	1677041	40.0	43.1	
119 1,2,3-Trichlorobenzene	180	12.923	12.922	0.001	95	460905	40.0	38.7	
S 125 Trihalomethanes, Total	1				0		160.0	168.7	
S 124 Total BTEX	1				0		200.0	207.3	
S 126 1,2-Dichloroethene, Total	96				0			79.9	
S 127 1,3-Dichloropropene, Total	75				0			88.1	
S 128 Xylenes, Total	106				0		80.0	85.4	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	32.00	Units: uL
vmarolistdw_00435	Amount Added:	32.00	Units: uL
vmrprimw_00479	Amount Added:	32.00	Units: uL
vm50ss_stk_00091	Amount Added:	32.00	Units: uL

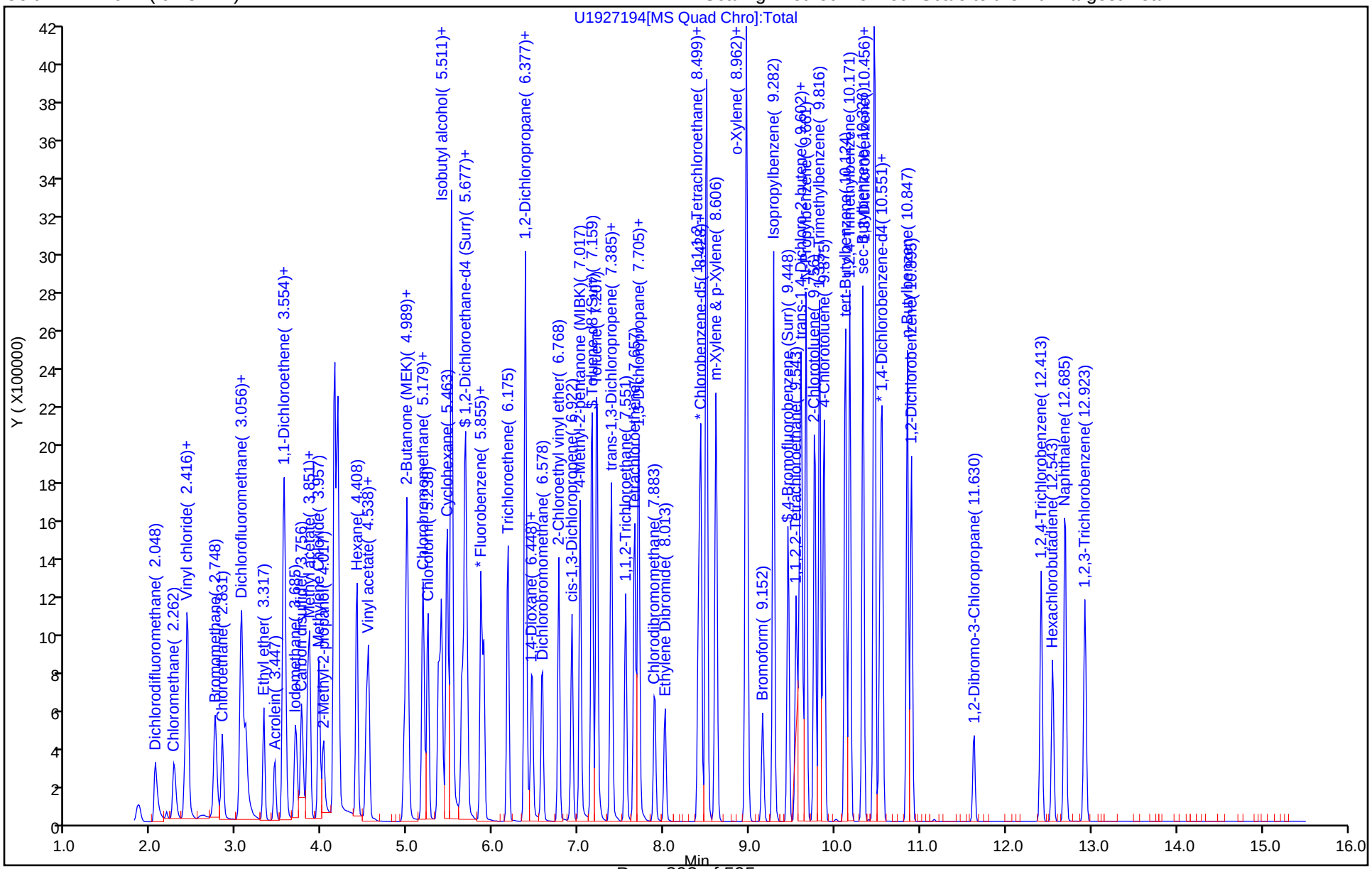
Report Date: 02-May-2022 09:05:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927194.D

Injection Date:	29-Apr-2022 12:59:15	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L6			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927195.D
Lims ID: std8260 L7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Apr-2022 13:21:35 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-015
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:04:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	825750	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	658322	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	348154	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	95	713668	60.0	59.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	772478	60.0	56.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	2399307	60.0	59.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	869666	60.0	59.1	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	871925	60.0	62.7	
10 Chloromethane	50	2.273	2.273	0.000	99	782593	60.0	57.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	873985	60.0	60.0	
11 Butadiene	54	2.428	2.427	0.001	88	816245	60.0	59.4	
13 Bromomethane	94	2.748	2.759	-0.011	92	890873	60.0	63.5	
15 Chloroethane	64	2.831	2.842	-0.011	100	689375	60.0	62.0	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	98	1678419	60.0	61.5	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	99	1574399	60.0	64.5	
18 Ethyl ether	59	3.317	3.328	-0.011	89	503700	60.0	60.5	
19 Acrolein	56	3.447	3.447	0.000	99	485423	300.0	303.3	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	966849	60.0	63.1	
21 112TCTFE	101	3.566	3.566	0.000	96	786865	60.0	63.4	
22 Acetone	43	3.566	3.566	0.000	100	496230	120.0	119.2	
24 Iodomethane	142	3.696	3.696	0.000	100	1143522	60.0	61.6	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	1785257	60.0	65.6	
28 Methyl acetate	43	3.827	3.838	-0.011	96	1186762	120.0	119.5	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	744806	60.0	60.4	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	778106	60.0	60.5	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	884019	600.0	565.9	
31 Acrylonitrile	53	4.147	4.147	0.000	98	3072233	600.0	593.0	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	94	1958493	60.0	64.7	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	910304	60.0	61.2	
34 Hexane	57	4.408	4.408	0.000	90	898681	60.0	64.8	
36 Vinyl acetate	43	4.515	4.514	0.001	97	1115145	60.0	66.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	1134393	60.0	62.1	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	255837	120.0	123.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	768650	60.0	60.8	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	764913	60.0	62.7	
46 Chlorobromomethane	49	5.179	5.178	0.001	86	528157	60.0	61.2	
47 Tetrahydrofuran	42	5.191	5.190	0.001	81	519120	120.0	129.0	
48 Chloroform	83	5.238	5.238	0.000	93	1233989	60.0	60.2	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	1166072	60.0	66.4	
50 Cyclohexane	84	5.463	5.463	0.000	86	1098106	60.0	63.2	
53 Isobutyl alcohol	41	5.511	5.510	0.001	85	918798	1500.0	1635.2	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	94	958452	60.0	64.0	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	1028983	60.0	67.1	
54 Benzene	78	5.677	5.677	0.001	96	2578403	60.0	60.4	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	915982	60.0	59.2	
57 n-Heptane	57	5.855	5.866	-0.011	86	433224	60.0	61.1	
59 Trichloroethene	130	6.175	6.175	0.000	97	763067	60.0	61.7	
61 Methylcyclohexane	83	6.377	6.376	0.000	89	1220016	60.0	66.8	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	94	601455	60.0	61.7	
65 1,4-Dioxane	88	6.424	6.424	0.000	90	216211	1200.0	1284.6	
64 Dibromomethane	174	6.460	6.459	0.001	94	488935	60.0	61.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	842302	60.0	65.2	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	898102	120.0	135.5	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	946487	60.0	69.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	1632644	120.0	133.3	
71 Toluene	91	7.218	7.218	0.000	98	2818102	60.0	61.5	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	891902	60.0	69.7	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	910213	60.0	72.2	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	92	603814	60.0	61.9	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	774456	60.0	62.9	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	93	1007378	60.0	62.3	
77 2-Hexanone	43	7.705	7.704	0.001	92	1201272	120.0	136.0	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	644026	60.0	68.4	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	663304	60.0	64.3	
83 Chlorobenzene	112	8.428	8.428	0.000	95	1797066	60.0	59.9	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	46	696086	60.0	66.5	
85 Ethylbenzene	106	8.499	8.499	0.000	98	998779	60.0	64.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	1229407	60.0	65.6	
87 o-Xylene	106	8.962	8.961	0.001	95	1198352	60.0	66.7	
88 Styrene	104	8.974	8.973	0.001	94	1972248	60.0	68.7	
89 Bromoform	173	9.151	9.151	0.000	95	460885	60.0	72.3	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	3234020	60.0	66.9	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	938595	60.0	61.7	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	73	275473	60.0	70.6	
95 Bromobenzene	156	9.602	9.602	0.000	95	773184	60.0	61.0	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	331571	60.0	59.9	
98 N-Propylbenzene	120	9.661	9.661	0.000	98	858327	60.0	66.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	727282	60.0	63.3	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	2601593	60.0	67.9	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	750586	60.0	62.5	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	2289983	60.0	68.1	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	2561978	60.0	67.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	3223488	60.0	67.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	97	1443102	60.0	60.9	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	2709945	60.0	69.3	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	94	1428316	60.0	58.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	2275809	60.0	67.5	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	1339776	60.0	60.5	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	89	236774	60.0	69.2	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	727203	60.0	60.7	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	274216	60.0	65.0	
118 Naphthalene	128	12.685	12.697	-0.012	97	2609362	60.0	68.9	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	708198	60.0	61.2	
S 125 Trihalomethanes, Total	1				0		240.0	266.1	
S 124 Total BTEX	1				0		300.0	318.9	
S 126 1,2-Dichloroethene, Total	96				0			122.0	
S 127 1,3-Dichloropropene, Total	75				0			139.0	
S 128 Xylenes, Total	106				0		120.0	132.3	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	48.00	Units: uL
vmarolistdw_00435	Amount Added:	48.00	Units: uL
vmrprimw_00479	Amount Added:	48.00	Units: uL
vm50ss_stk_00091	Amount Added:	48.00	Units: uL

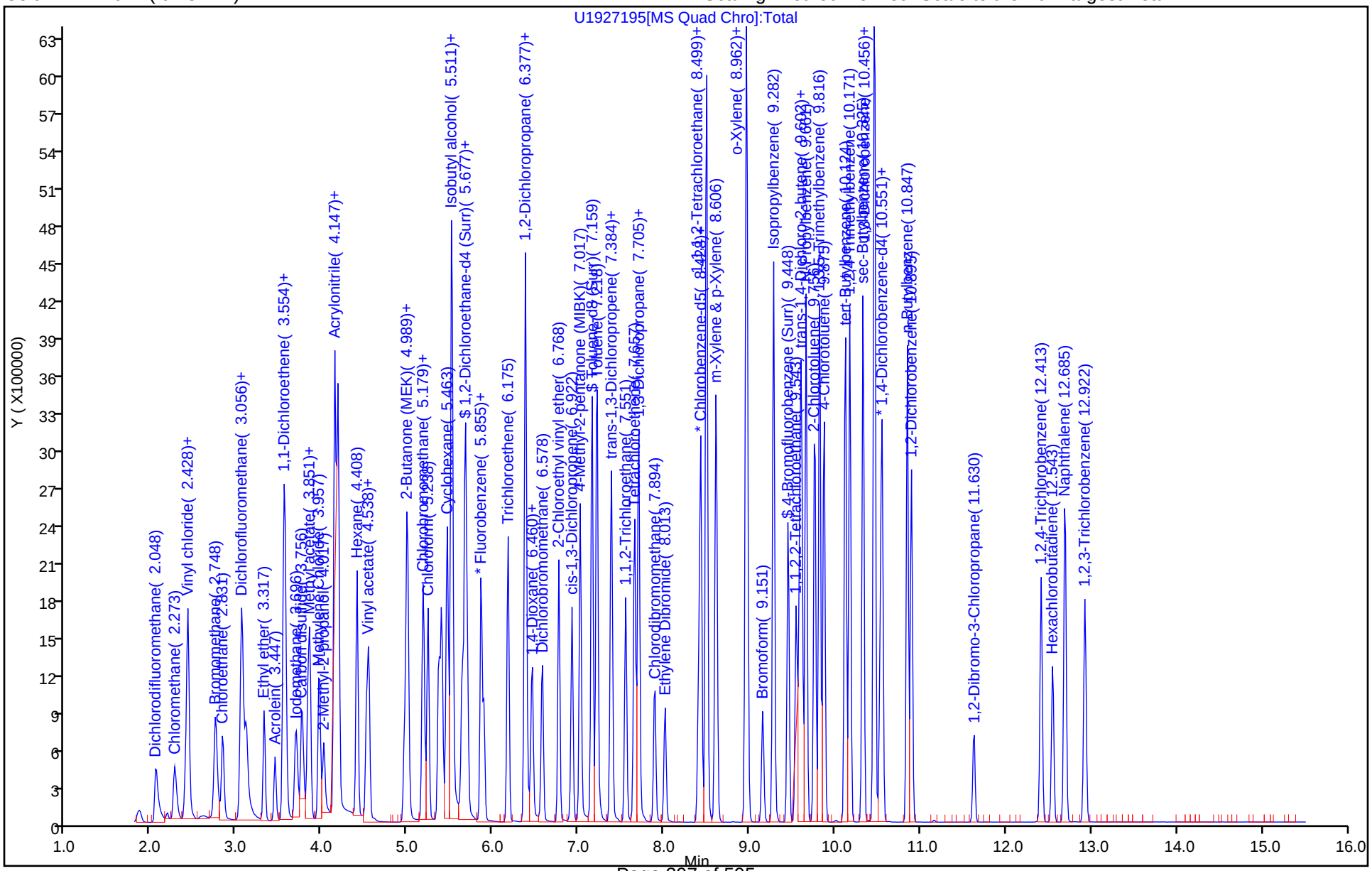
Report Date: 02-May-2022 09:05:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927195.D

Injection Date:	29-Apr-2022 13:21:35	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L7			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927196.D
Lims ID: std8260 L8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Apr-2022 13:44:07 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-016
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:38 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:17:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	870688	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	700099	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	360008	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	95	985650	80.0	77.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	1067974	80.0	74.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	3359179	80.0	78.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	1199616	80.0	76.7	
9 Dichlorodifluoromethane	85	2.036	2.060	-0.024	99	1201667	80.0	82.0	
10 Chloromethane	50	2.262	2.273	-0.011	99	1035171	80.0	72.1	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	1172100	80.0	76.3	
11 Butadiene	54	2.416	2.427	-0.011	88	1072174	80.0	74.1	
13 Bromomethane	94	2.736	2.759	-0.023	91	1239738	80.0	83.8	
15 Chloroethane	64	2.819	2.842	-0.023	99	970576	80.0	82.8	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	2300462	80.0	80.0	
17 Trichlorofluoromethane	101	3.056	3.079	-0.023	98	2176518	80.0	84.5	
18 Ethyl ether	59	3.305	3.328	-0.023	89	702426	80.0	80.0	
19 Acrolein	56	3.436	3.447	-0.011	99	722855	400.0	428.4	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	1339169	80.0	82.8	
21 112TCTFE	101	3.554	3.566	-0.012	95	1049145	80.0	80.2	
22 Acetone	43	3.554	3.566	-0.012	100	696481	160.0	159.5	
24 Iodomethane	142	3.685	3.696	-0.011	99	1580361	80.0	80.7	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	2477687	80.0	86.3	
28 Methyl acetate	43	3.827	3.838	-0.011	96	1654847	160.0	158.1	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	86	1050674	80.0	80.7	
29 Methylene Chloride	49	3.957	3.969	-0.012	92	1087341	80.0	80.5	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	1163506	800.0	706.3	
31 Acrylonitrile	53	4.135	4.147	-0.012	98	4285295	800.0	784.5	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	95	2687398	80.0	84.2	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	1262910	80.0	80.6	
34 Hexane	57	4.396	4.408	-0.012	90	1247143	80.0	85.3	
36 Vinyl acetate	43	4.515	4.514	0.001	97	1544964	80.0	87.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	1586688	80.0	82.3	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	98	352845	160.0	161.9	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	1082544	80.0	81.2	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	1029966	80.0	80.1	
46 Chlorobromomethane	49	5.167	5.178	-0.011	87	724598	80.0	79.6	
47 Tetrahydrofuran	42	5.179	5.190	-0.011	83	724646	160.0	170.8	
48 Chloroform	83	5.238	5.238	0.000	93	1706719	80.0	78.9	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	1616216	80.0	87.3	
50 Cyclohexane	84	5.463	5.463	0.000	87	1520813	80.0	83.0	
53 Isobutyl alcohol	41	5.511	5.510	0.001	91	1146766	2000.0	1935.5	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	94	1333219	80.0	84.4	
52 Carbon tetrachloride	117	5.523	5.522	0.001	97	1426675	80.0	88.3	
54 Benzene	78	5.665	5.677	-0.011	97	3555768	80.0	79.0	
55 1,2-Dichloroethane	62	5.689	5.700	-0.011	98	1284069	80.0	78.8	
57 n-Heptane	57	5.855	5.866	-0.011	85	589751	80.0	79.9	
59 Trichloroethene	130	6.175	6.175	0.000	97	1071587	80.0	82.2	
61 Methylcyclohexane	83	6.377	6.376	0.000	89	1656046	80.0	86.0	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	94	849905	80.0	82.7	
65 1,4-Dioxane	88	6.412	6.424	-0.012	89	292408	1600.0	1647.7	
64 Dibromomethane	174	6.460	6.459	0.001	94	686398	80.0	81.3	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	99	1192771	80.0	87.6	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	1276122	160.0	182.7	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	1354202	80.0	94.1	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	94	2271503	160.0	175.9	
71 Toluene	91	7.218	7.218	0.000	98	3928344	80.0	80.6	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	1283658	80.0	94.3	
73 Ethyl methacrylate	69	7.384	7.384	0.000	84	1286501	80.0	96.0	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	92	836757	80.0	80.7	
75 Tetrachloroethene	166	7.657	7.657	0.000	97	1069910	80.0	81.7	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	94	1397108	80.0	81.3	
77 2-Hexanone	43	7.705	7.704	0.001	92	1675780	160.0	178.5	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	911859	80.0	91.1	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	924064	80.0	84.2	
83 Chlorobenzene	112	8.428	8.428	0.000	95	2492480	80.0	78.1	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	46	974056	80.0	87.5	
85 Ethylbenzene	106	8.499	8.499	0.000	98	1389214	80.0	84.6	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	1700607	80.0	85.4	
87 o-Xylene	106	8.962	8.961	0.001	95	1657934	80.0	86.8	
88 Styrene	104	8.974	8.973	0.001	93	2757060	80.0	90.3	
89 Bromoform	173	9.151	9.151	0.000	95	661026	80.0	97.5	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	4423360	80.0	86.0	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	1286330	80.0	81.7	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	81	383644	80.0	95.1	
95 Bromobenzene	156	9.602	9.602	0.000	95	1070509	80.0	81.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	86	450076	80.0	78.6	
98 N-Propylbenzene	120	9.661	9.661	0.000	98	1175034	80.0	87.8	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	1007769	80.0	84.8	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	95	3486447	80.0	88.0	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	1036611	80.0	83.5	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	3111646	80.0	89.5	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	3471163	80.0	88.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	4331265	80.0	87.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	95	1968570	80.0	80.3	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	3624255	80.0	89.6	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	95	1967601	80.0	77.9	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	3029484	80.0	86.8	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	1835247	80.0	80.2	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	88	332032	80.0	93.8	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	1063707	80.0	85.9	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	390600	80.0	89.5	
118 Naphthalene	128	12.685	12.697	-0.012	98	3809543	80.0	97.2	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	1064883	80.0	89.0	
S 125 Trihalomethanes, Total	1				0		320.0	355.1	
S 124 Total BTEX	1				0		400.0	416.4	
S 126 1,2-Dichloroethene, Total	96				0			161.8	
S 127 1,3-Dichloropropene, Total	75				0			188.4	
S 128 Xylenes, Total	106				0		160.0	172.1	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	64.00	Units: uL
vmarolistdw_00435	Amount Added:	64.00	Units: uL
vmrprimw_00479	Amount Added:	64.00	Units: uL
vm50ss_stk_00091	Amount Added:	64.00	Units: uL

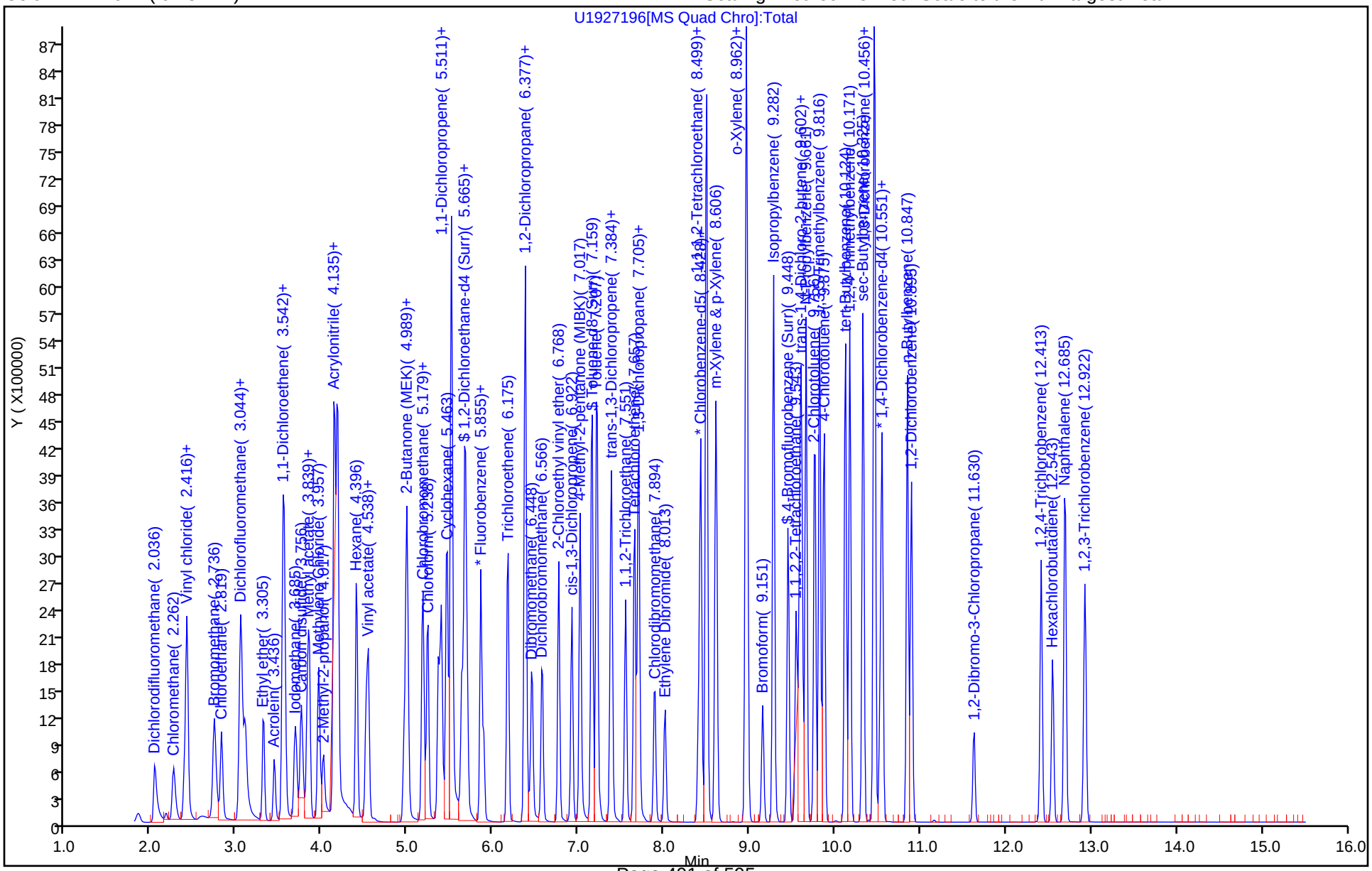
Report Date: 02-May-2022 09:05:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927196.D

Injection Date:	29-Apr-2022 13:44:07	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L8			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Calibration / Dichlorodifluoromethane

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

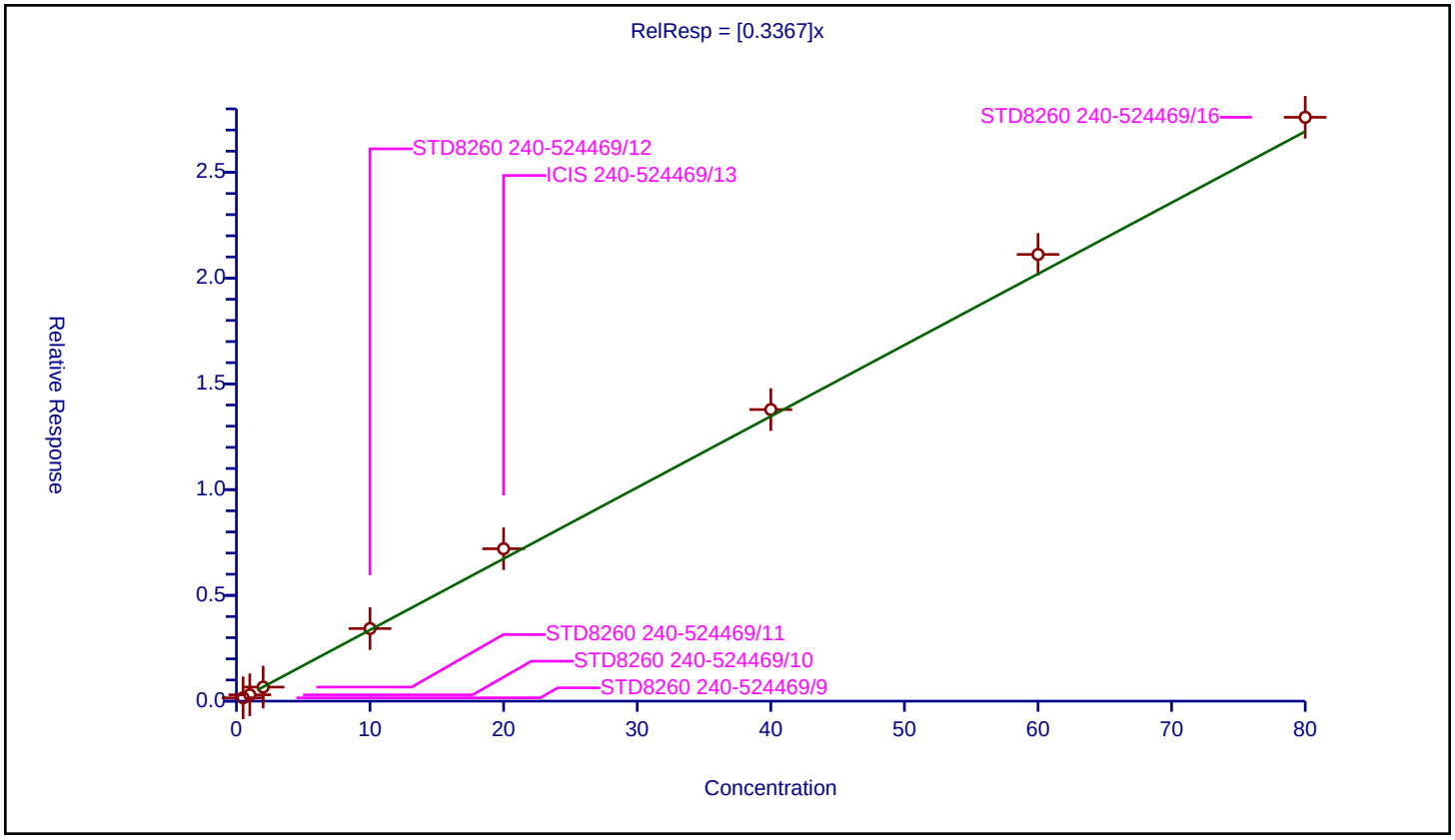
Curve Coefficients

Intercept:	0
Slope:	0.3367

Error Coefficients

Standard Error:	612000
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	STD8260 240-524469/9	0.5	0.157996	20.0	727359.0	0.315993	Y
2	STD8260 240-524469/10	1.0	0.299764	20.0	704554.0	0.299764	Y
3	STD8260 240-524469/11	2.0	0.665126	20.0	757480.0	0.332563	Y
4	STD8260 240-524469/12	10.0	3.43151	20.0	733543.0	0.343151	Y
5	ICIS 240-524469/13	20.0	7.204208	20.0	768809.0	0.36021	Y
6	STD8260 240-524469/14	40.0	13.784522	20.0	823277.0	0.344613	Y
7	STD8260 240-524469/15	60.0	21.118377	20.0	825750.0	0.351973	Y
8	STD8260 240-524469/16	80.0	27.6027	20.0	870688.0	0.345034	Y



Calibration / Chloromethane

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

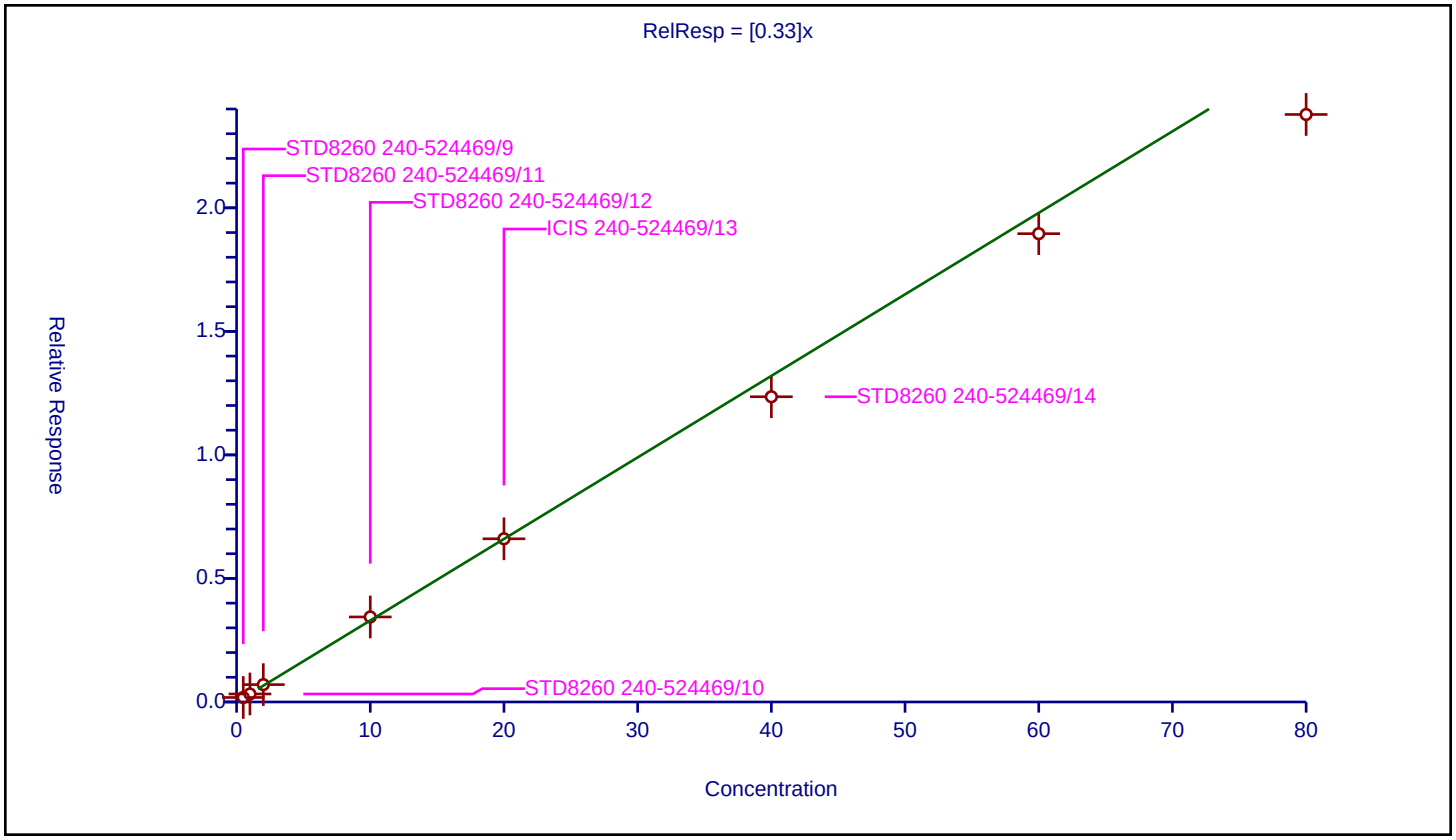
Curve Coefficients

Intercept:	0
Slope:	0.33

Error Coefficients

Standard Error:	538000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.183431	20.0	727359.0	0.366861	Y
2	STD8260 240-524469/10	1.0	0.324574	20.0	704554.0	0.324574	Y
3	STD8260 240-524469/11	2.0	0.703623	20.0	757480.0	0.351811	Y
4	STD8260 240-524469/12	10.0	3.441189	20.0	733543.0	0.344119	Y
5	ICIS 240-524469/13	20.0	6.605152	20.0	768809.0	0.330258	Y
6	STD8260 240-524469/14	40.0	12.354092	20.0	823277.0	0.308852	Y
7	STD8260 240-524469/15	60.0	18.95472	20.0	825750.0	0.315912	Y
8	STD8260 240-524469/16	80.0	23.778231	20.0	870688.0	0.297228	Y



Calibration / Vinyl chloride

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

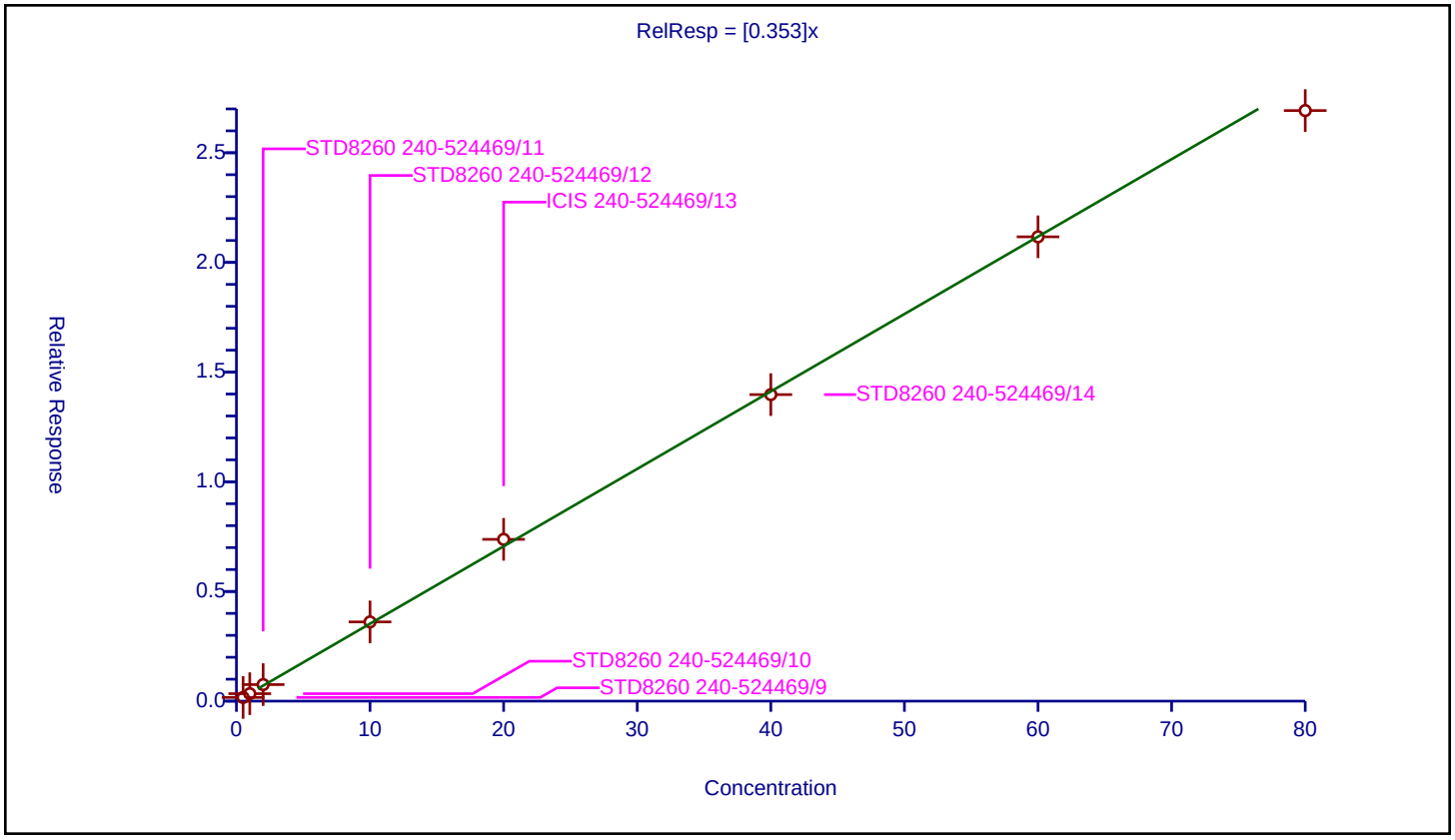
Curve Coefficients

Intercept:	0
Slope:	0.353

Error Coefficients

Standard Error:	606000
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	STD8260 240-524469/9	0.5	0.168775	20.0	727359.0	0.33755	Y
2	STD8260 240-524469/10	1.0	0.340272	20.0	704554.0	0.340272	Y
3	STD8260 240-524469/11	2.0	0.75437	20.0	757480.0	0.377185	Y
4	STD8260 240-524469/12	10.0	3.611131	20.0	733543.0	0.361113	Y
5	ICIS 240-524469/13	20.0	7.375642	20.0	768809.0	0.368782	Y
6	STD8260 240-524469/14	40.0	13.974762	20.0	823277.0	0.349369	Y
7	STD8260 240-524469/15	60.0	21.168271	20.0	825750.0	0.352805	Y
8	STD8260 240-524469/16	80.0	26.923536	20.0	870688.0	0.336544	Y



Calibration / Butadiene

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

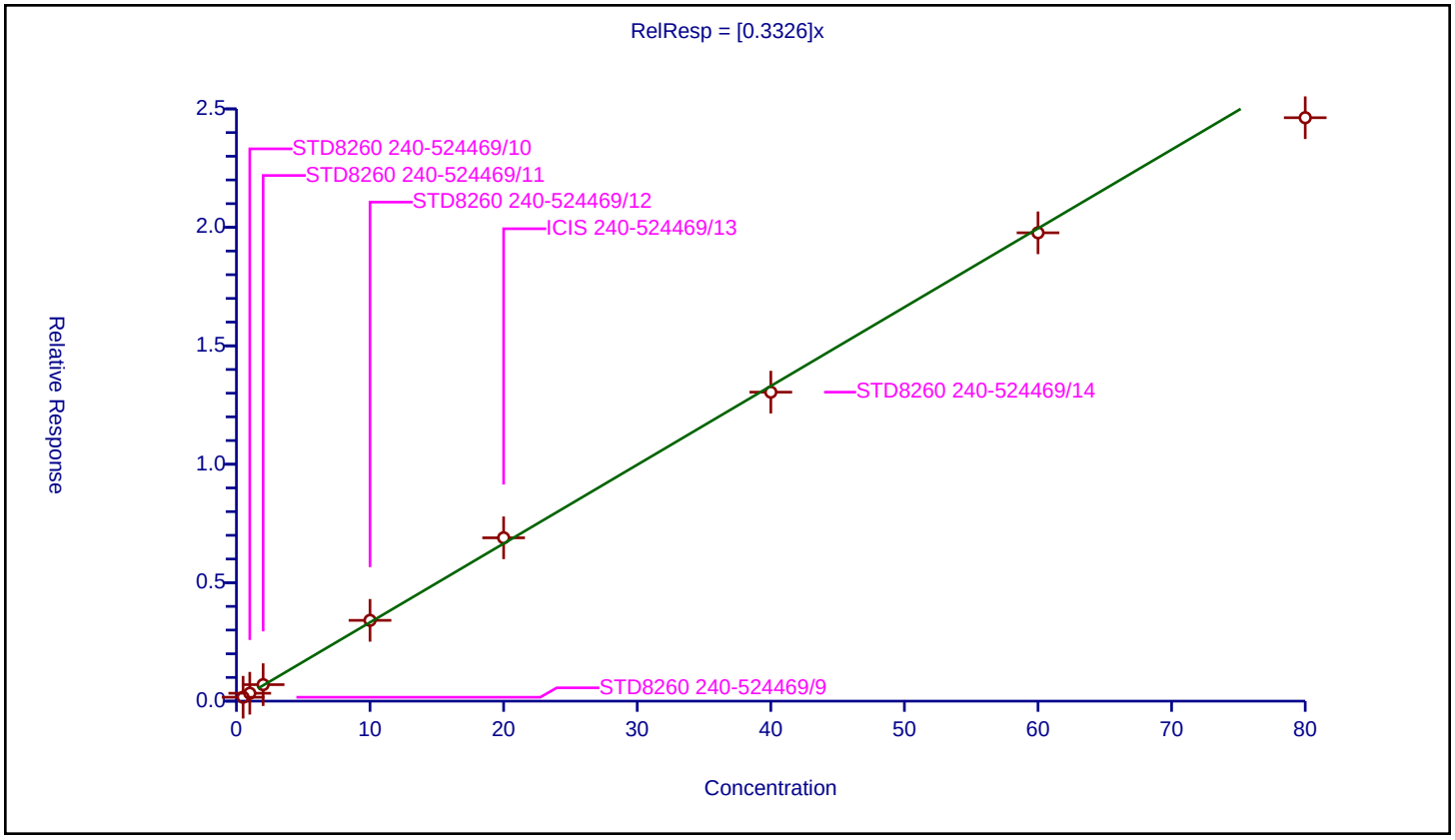
Curve Coefficients

Intercept:	0
Slope:	0.3326

Error Coefficients

Standard Error:	559000
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	STD8260 240-524469/9	0.5	0.164733	20.0	727359.0	0.329466	Y
2	STD8260 240-524469/10	1.0	0.333771	20.0	704554.0	0.333771	Y
3	STD8260 240-524469/11	2.0	0.696177	20.0	757480.0	0.348088	Y
4	STD8260 240-524469/12	10.0	3.410216	20.0	733543.0	0.341022	Y
5	ICIS 240-524469/13	20.0	6.895133	20.0	768809.0	0.344757	Y
6	STD8260 240-524469/14	40.0	13.043119	20.0	823277.0	0.326078	Y
7	STD8260 240-524469/15	60.0	19.769785	20.0	825750.0	0.329496	Y
8	STD8260 240-524469/16	80.0	24.628202	20.0	870688.0	0.307853	Y



Calibration / Bromomethane

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

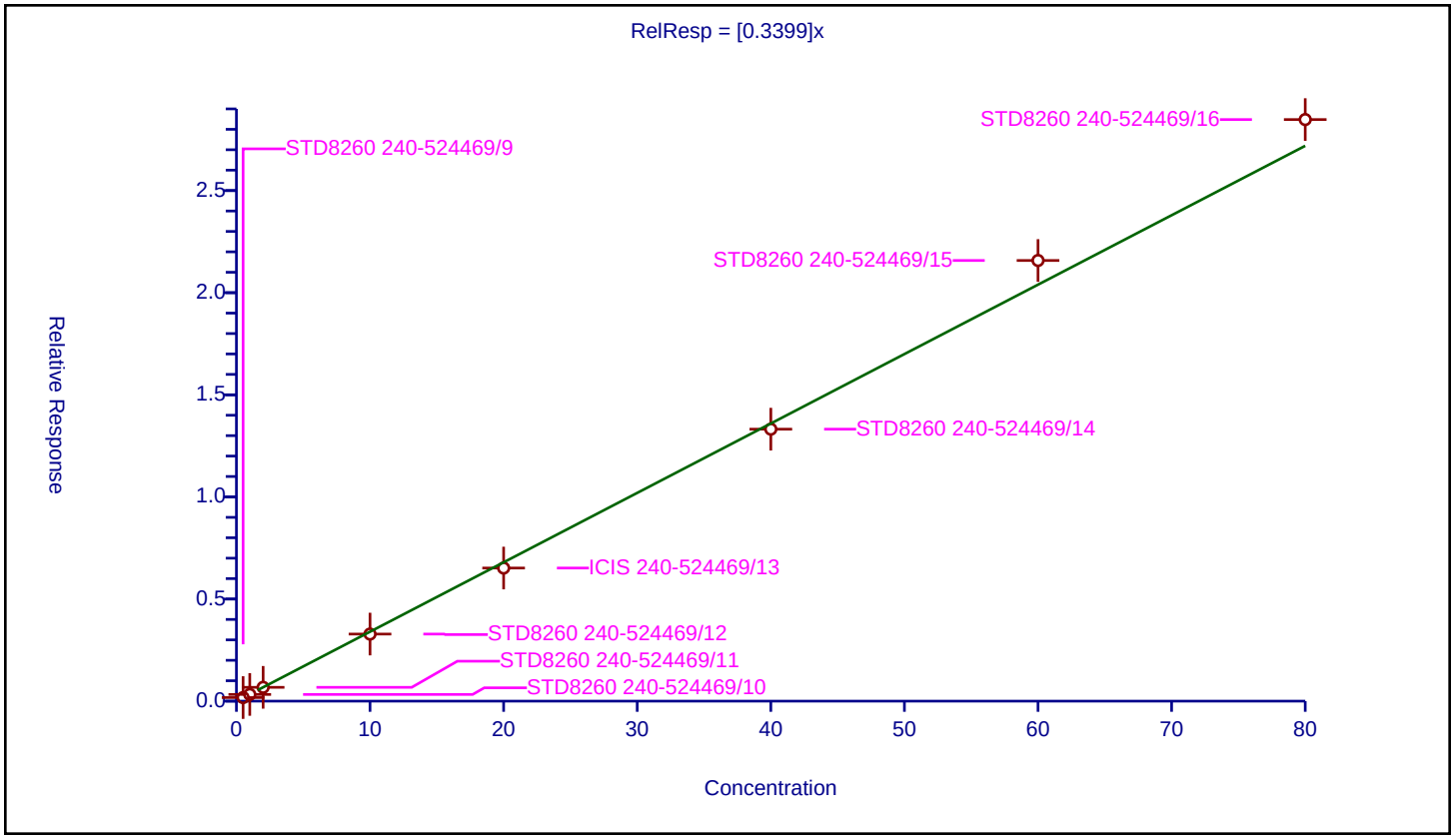
Curve Coefficients

Intercept:	0
Slope:	0.3399

Error Coefficients

Standard Error:	622000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.175374	20.0	727359.0	0.350748	Y
2	STD8260 240-524469/10	1.0	0.327384	20.0	704554.0	0.327384	Y
3	STD8260 240-524469/11	2.0	0.676242	20.0	757480.0	0.338121	Y
4	STD8260 240-524469/12	10.0	3.284606	20.0	733543.0	0.328461	Y
5	ICIS 240-524469/13	20.0	6.51803	20.0	768809.0	0.325901	Y
6	STD8260 240-524469/14	40.0	13.317972	20.0	823277.0	0.332949	Y
7	STD8260 240-524469/15	60.0	21.577305	20.0	825750.0	0.359622	Y
8	STD8260 240-524469/16	80.0	28.477204	20.0	870688.0	0.355965	Y



Calibration / Chloroethane

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

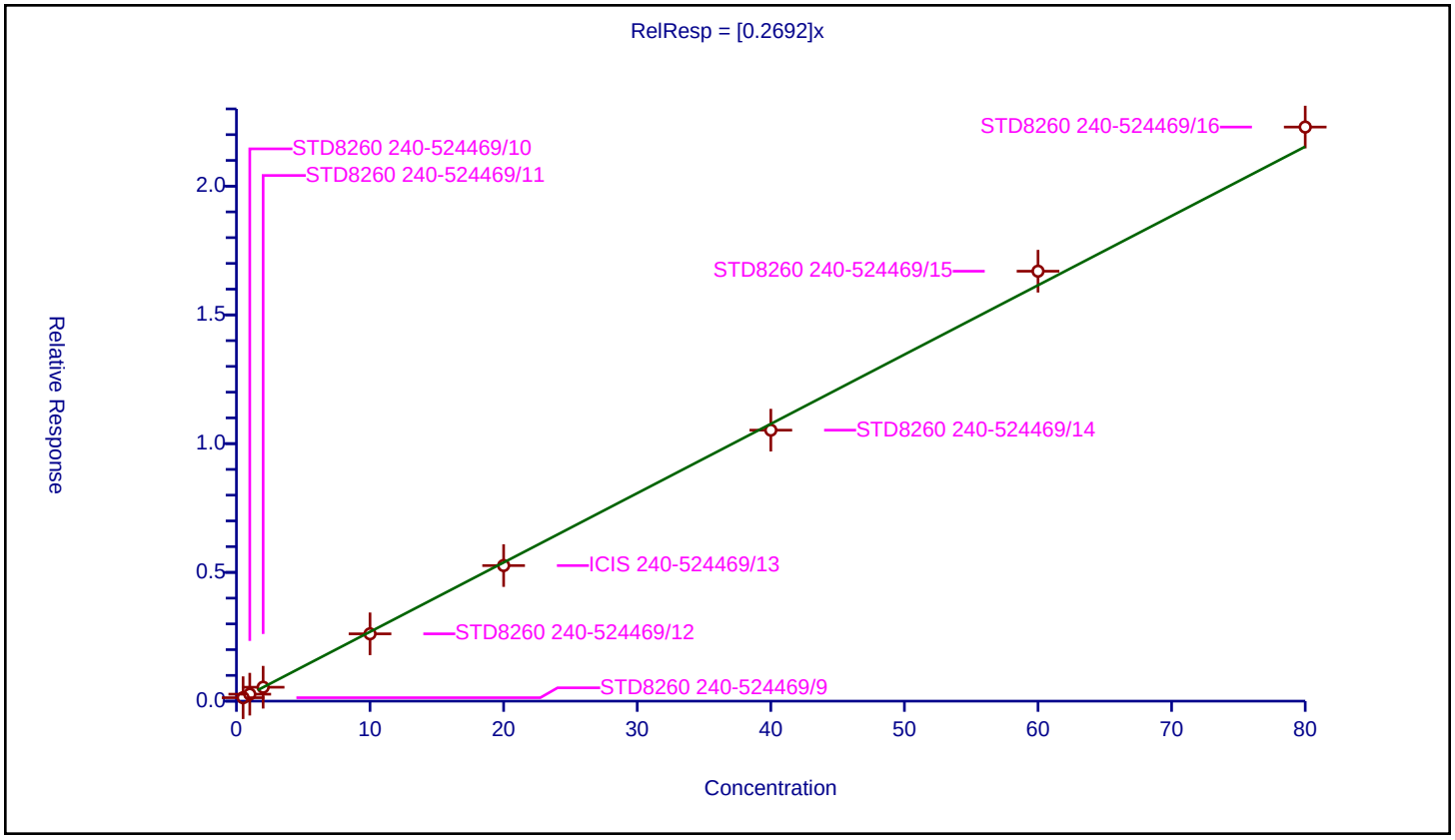
Curve Coefficients

Intercept:	0
Slope:	0.2692

Error Coefficients

Standard Error:	486000
Relative Standard Error:	2.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.133717	20.0	727359.0	0.267433	Y
2	STD8260 240-524469/10	1.0	0.270753	20.0	704554.0	0.270753	Y
3	STD8260 240-524469/11	2.0	0.540899	20.0	757480.0	0.270449	Y
4	STD8260 240-524469/12	10.0	2.614543	20.0	733543.0	0.261454	Y
5	ICIS 240-524469/13	20.0	5.265469	20.0	768809.0	0.263273	Y
6	STD8260 240-524469/14	40.0	10.524137	20.0	823277.0	0.263103	Y
7	STD8260 240-524469/15	60.0	16.696942	20.0	825750.0	0.278282	Y
8	STD8260 240-524469/16	80.0	22.294461	20.0	870688.0	0.278681	Y



Calibration / Dichlorofluoromethane

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

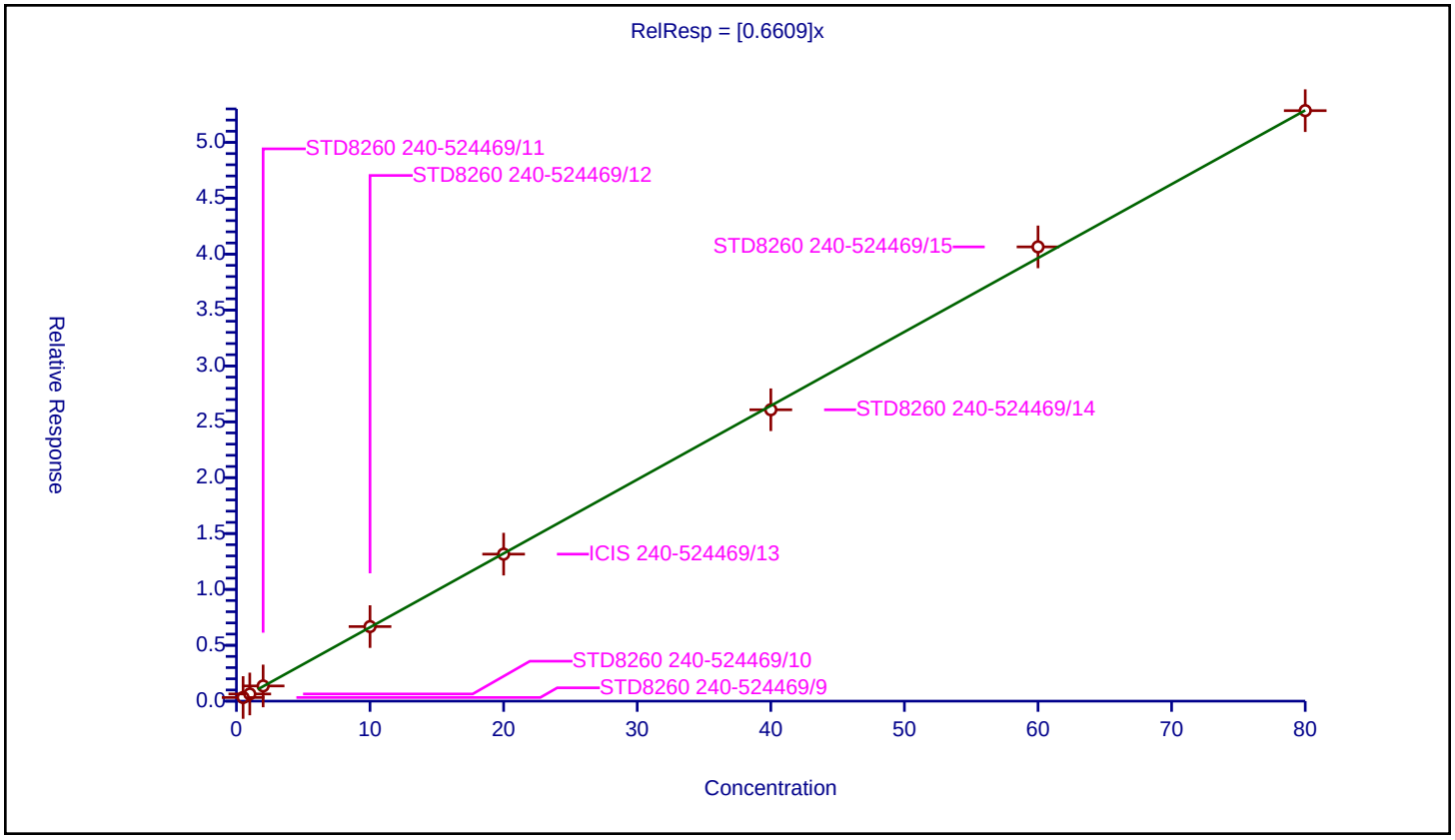
Curve Coefficients

Intercept:	0
Slope:	0.6609

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.325149	20.0	727359.0	0.650298	Y
2	STD8260 240-524469/10	1.0	0.642364	20.0	704554.0	0.642364	Y
3	STD8260 240-524469/11	2.0	1.358874	20.0	757480.0	0.679437	Y
4	STD8260 240-524469/12	10.0	6.671838	20.0	733543.0	0.667184	Y
5	ICIS 240-524469/13	20.0	13.156272	20.0	768809.0	0.657814	Y
6	STD8260 240-524469/14	40.0	26.076521	20.0	823277.0	0.651913	Y
7	STD8260 240-524469/15	60.0	40.651989	20.0	825750.0	0.677533	Y
8	STD8260 240-524469/16	80.0	52.842396	20.0	870688.0	0.66053	Y



Calibration / Trichlorofluoromethane

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

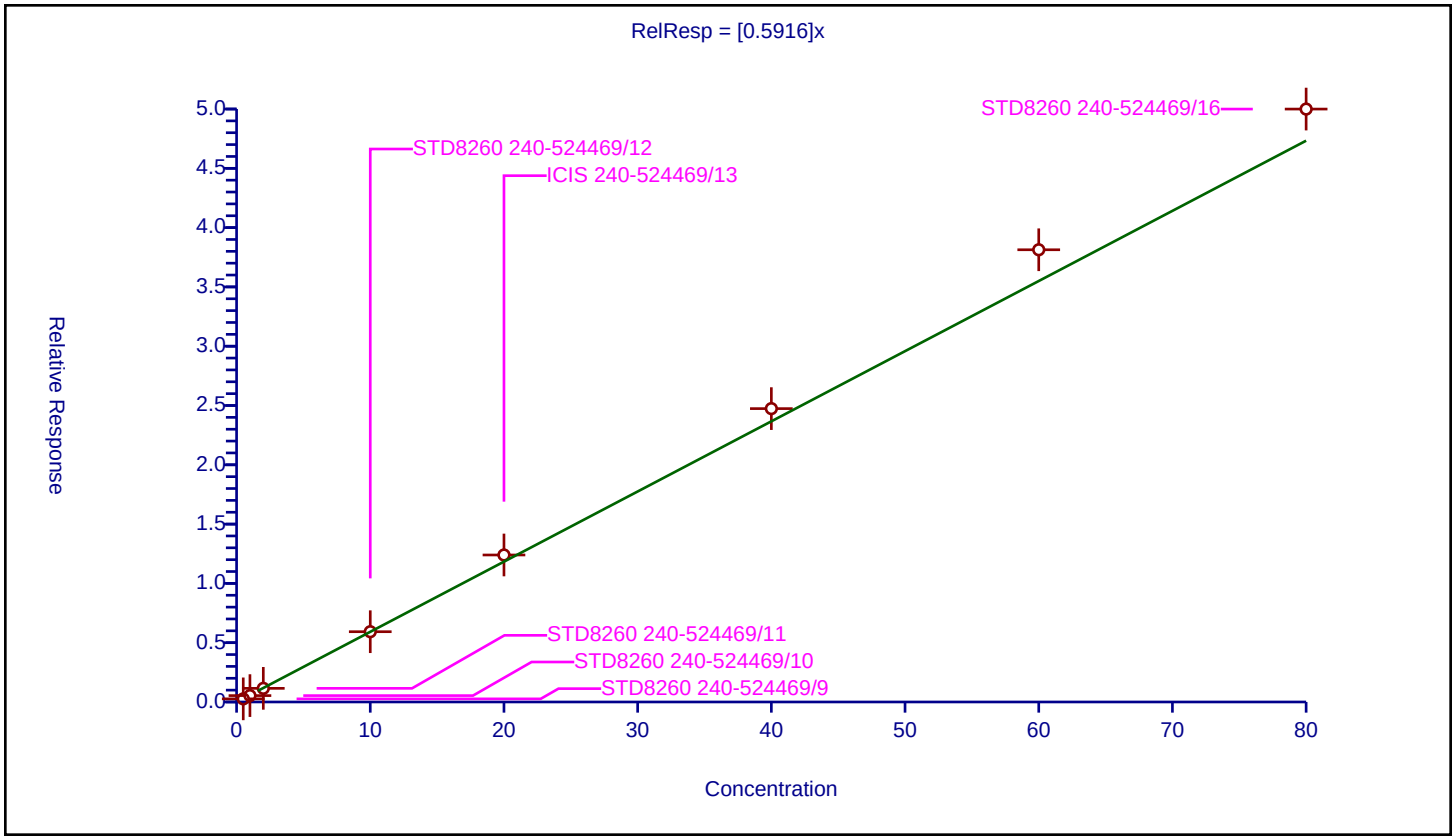
Curve Coefficients

Intercept:	0
Slope:	0.5916

Error Coefficients

Standard Error:	1100000
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	STD8260 240-524469/9	0.5	0.263749	20.0	727359.0	0.527497	Y
2	STD8260 240-524469/10	1.0	0.539093	20.0	704554.0	0.539093	Y
3	STD8260 240-524469/11	2.0	1.149997	20.0	757480.0	0.574999	Y
4	STD8260 240-524469/12	10.0	5.926224	20.0	733543.0	0.592622	Y
5	ICIS 240-524469/13	20.0	12.394392	20.0	768809.0	0.61972	Y
6	STD8260 240-524469/14	40.0	24.737652	20.0	823277.0	0.618441	Y
7	STD8260 240-524469/15	60.0	38.132583	20.0	825750.0	0.635543	Y
8	STD8260 240-524469/16	80.0	49.99536	20.0	870688.0	0.624942	Y



Calibration / Ethyl ether

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

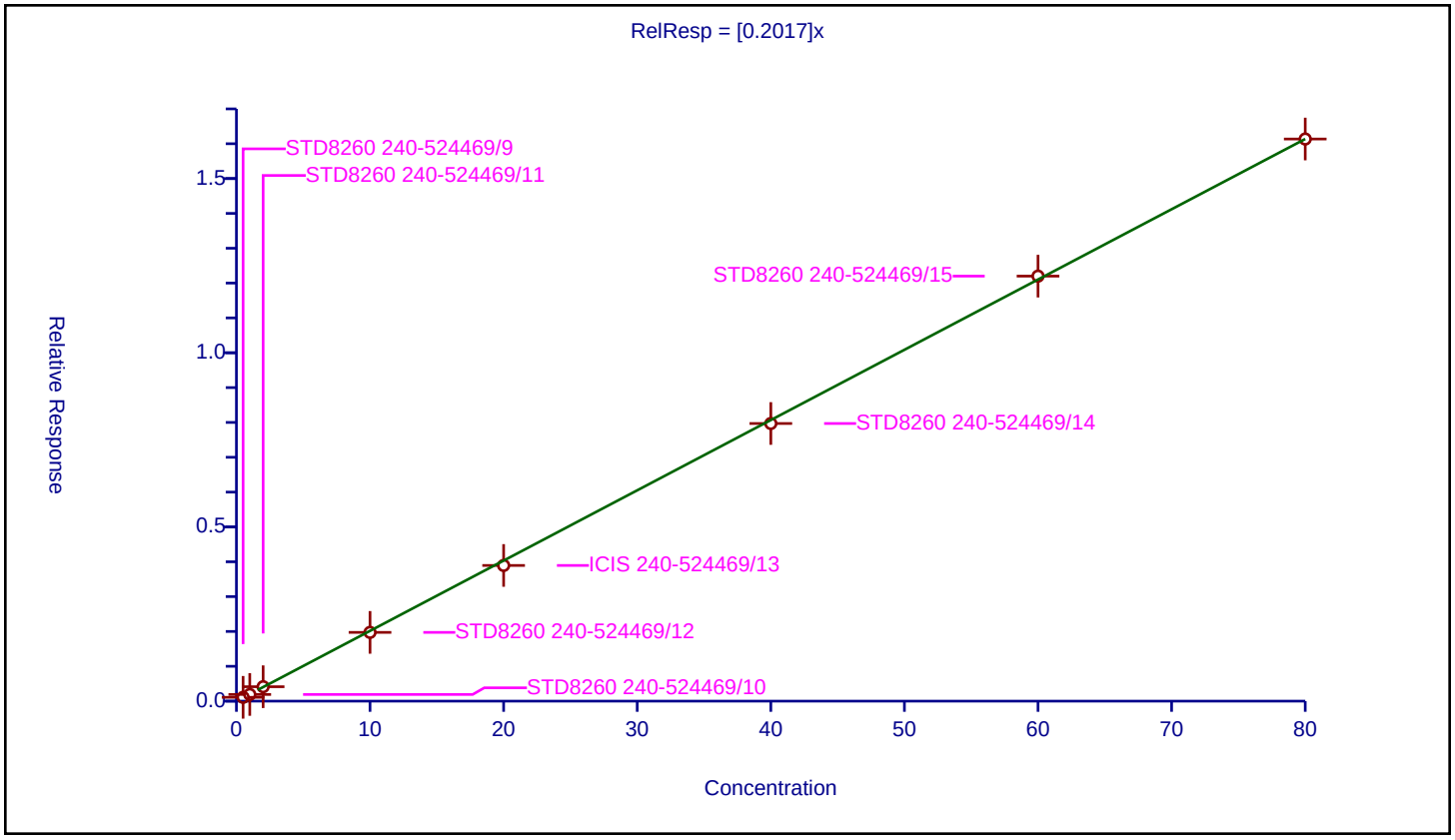
Curve Coefficients

Intercept:	0
Slope:	0.2017

Error Coefficients

Standard Error:	355000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.109437	20.0	727359.0	0.218874	Y
2	STD8260 240-524469/10	1.0	0.191383	20.0	704554.0	0.191383	Y
3	STD8260 240-524469/11	2.0	0.413978	20.0	757480.0	0.206989	Y
4	STD8260 240-524469/12	10.0	1.973381	20.0	733543.0	0.197338	Y
5	ICIS 240-524469/13	20.0	3.894934	20.0	768809.0	0.194747	Y
6	STD8260 240-524469/14	40.0	7.969711	20.0	823277.0	0.199243	Y
7	STD8260 240-524469/15	60.0	12.199818	20.0	825750.0	0.20333	Y
8	STD8260 240-524469/16	80.0	16.134965	20.0	870688.0	0.201687	Y



Calibration / Acrolein

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

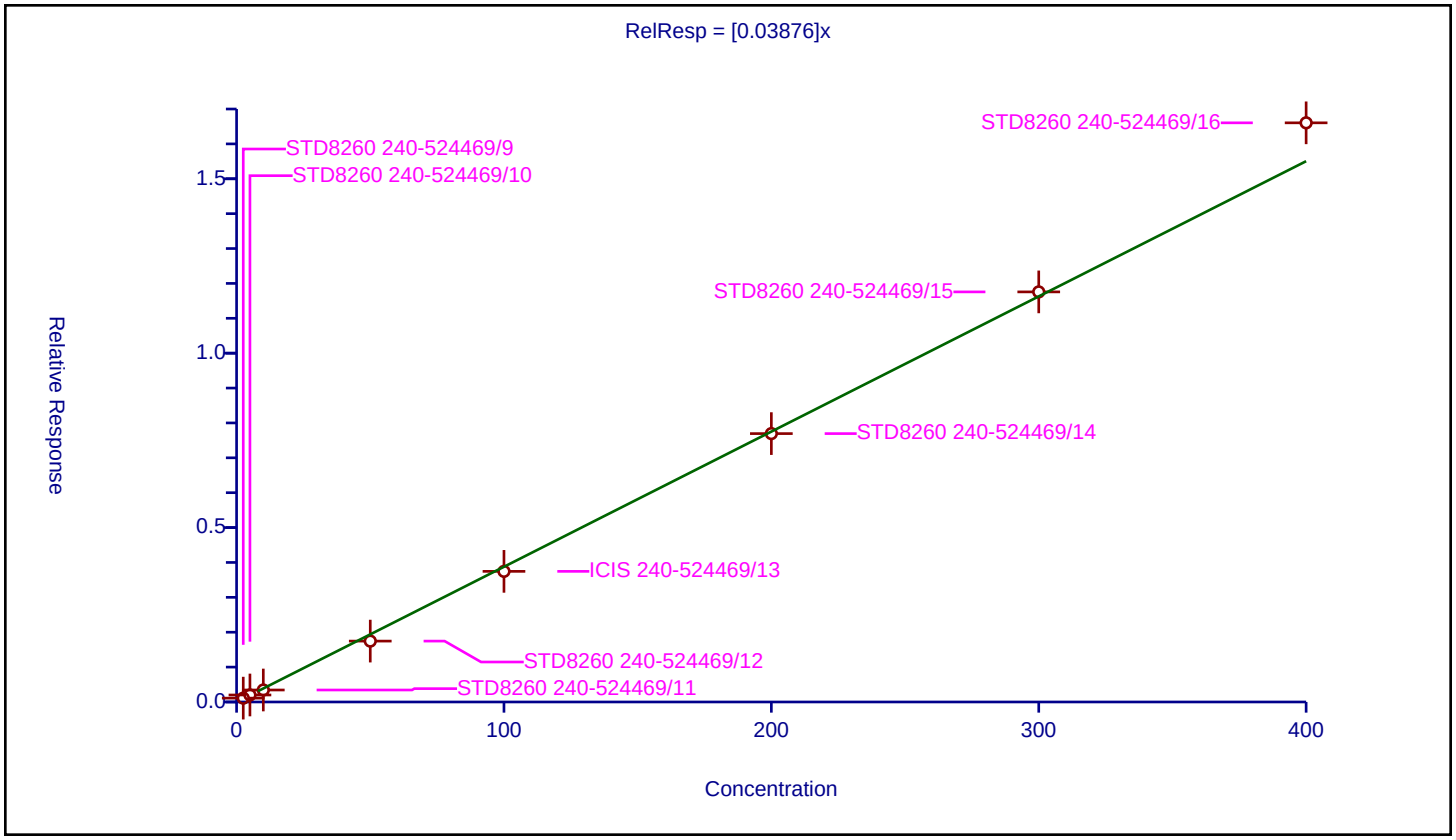
Curve Coefficients

Intercept:	0
Slope:	0.03876

Error Coefficients

Standard Error:	355000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	2.5	0.110097	20.0	727359.0	0.044039	Y
2	STD8260 240-524469/10	5.0	0.200723	20.0	704554.0	0.040145	Y
3	STD8260 240-524469/11	10.0	0.343507	20.0	757480.0	0.034351	Y
4	STD8260 240-524469/12	50.0	1.746074	20.0	733543.0	0.034921	Y
5	ICIS 240-524469/13	100.0	3.744597	20.0	768809.0	0.037446	Y
6	STD8260 240-524469/14	200.0	7.694761	20.0	823277.0	0.038474	Y
7	STD8260 240-524469/15	300.0	11.757142	20.0	825750.0	0.03919	Y
8	STD8260 240-524469/16	400.0	16.604226	20.0	870688.0	0.041511	Y



Calibration / 1,1-Dichloroethene

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

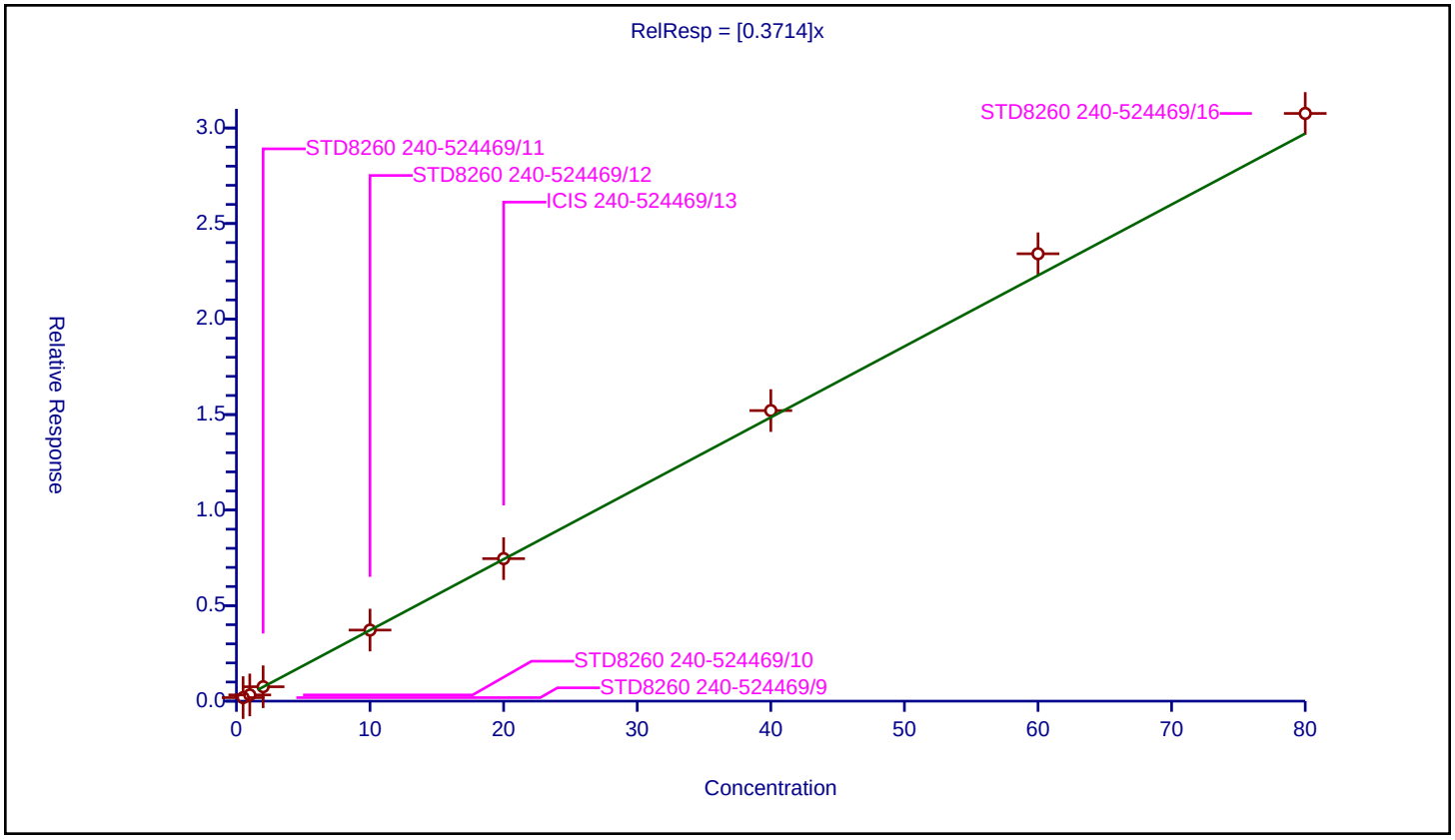
Curve Coefficients

Intercept:	0
Slope:	0.3714

Error Coefficients

Standard Error:	678000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.184173	20.0	727359.0	0.368346	Y
2	STD8260 240-524469/10	1.0	0.325624	20.0	704554.0	0.325624	Y
3	STD8260 240-524469/11	2.0	0.753947	20.0	757480.0	0.376974	Y
4	STD8260 240-524469/12	10.0	3.719782	20.0	733543.0	0.371978	Y
5	ICIS 240-524469/13	20.0	7.459408	20.0	768809.0	0.37297	Y
6	STD8260 240-524469/14	40.0	15.209316	20.0	823277.0	0.380233	Y
7	STD8260 240-524469/15	60.0	23.417475	20.0	825750.0	0.390291	Y
8	STD8260 240-524469/16	80.0	30.761168	20.0	870688.0	0.384515	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

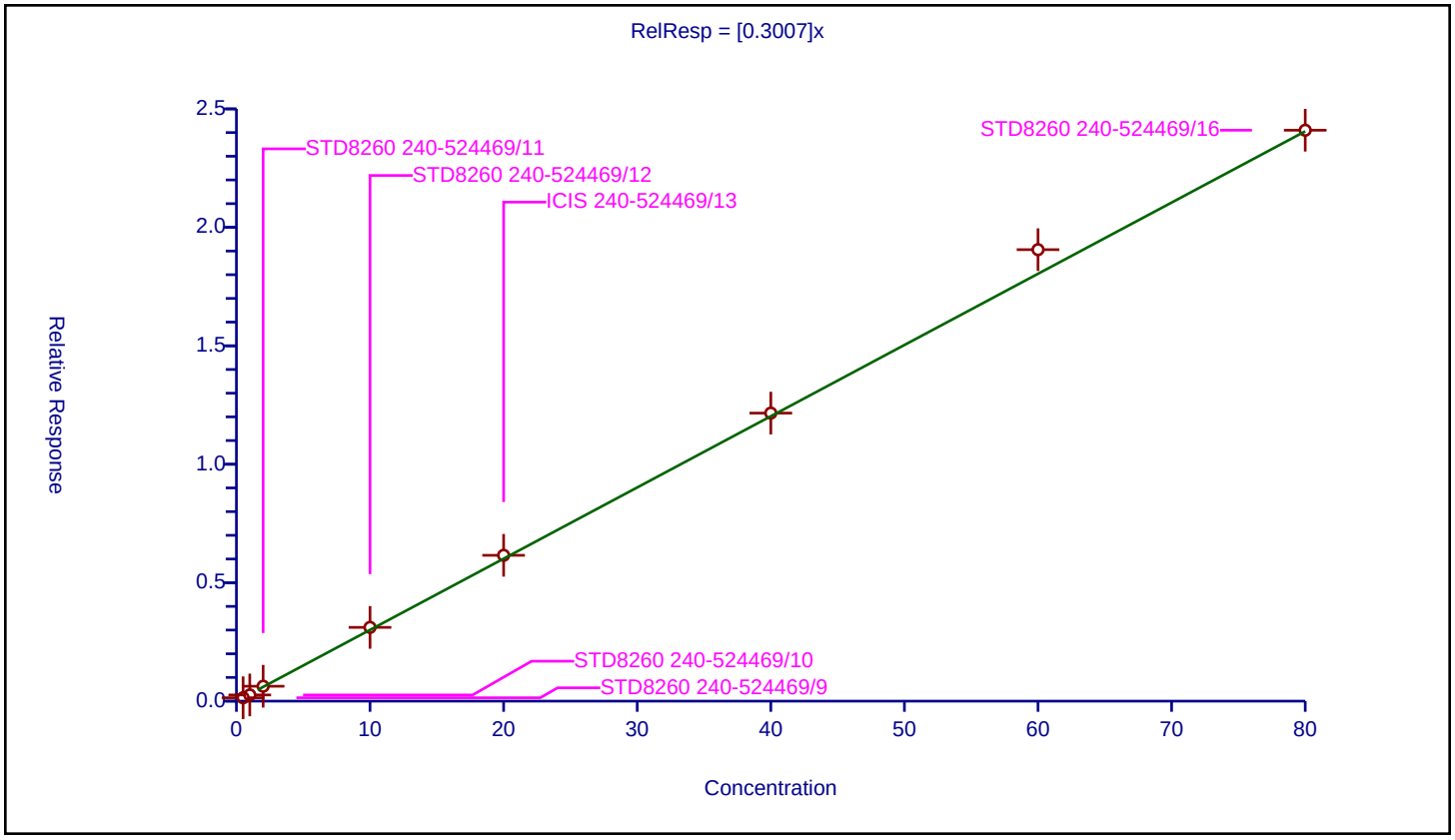
Curve Coefficients

Intercept:	0
Slope:	0.3007

Error Coefficients

Standard Error:	540000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.143478	20.0	727359.0	0.286956	Y
2	STD8260 240-524469/10	1.0	0.261783	20.0	704554.0	0.261783	Y
3	STD8260 240-524469/11	2.0	0.62906	20.0	757480.0	0.31453	Y
4	STD8260 240-524469/12	10.0	3.11341	20.0	733543.0	0.311341	Y
5	ICIS 240-524469/13	20.0	6.156432	20.0	768809.0	0.307822	Y
6	STD8260 240-524469/14	40.0	12.158581	20.0	823277.0	0.303965	Y
7	STD8260 240-524469/15	60.0	19.05819	20.0	825750.0	0.317636	Y
8	STD8260 240-524469/16	80.0	24.099218	20.0	870688.0	0.30124	Y



Calibration / Acetone

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

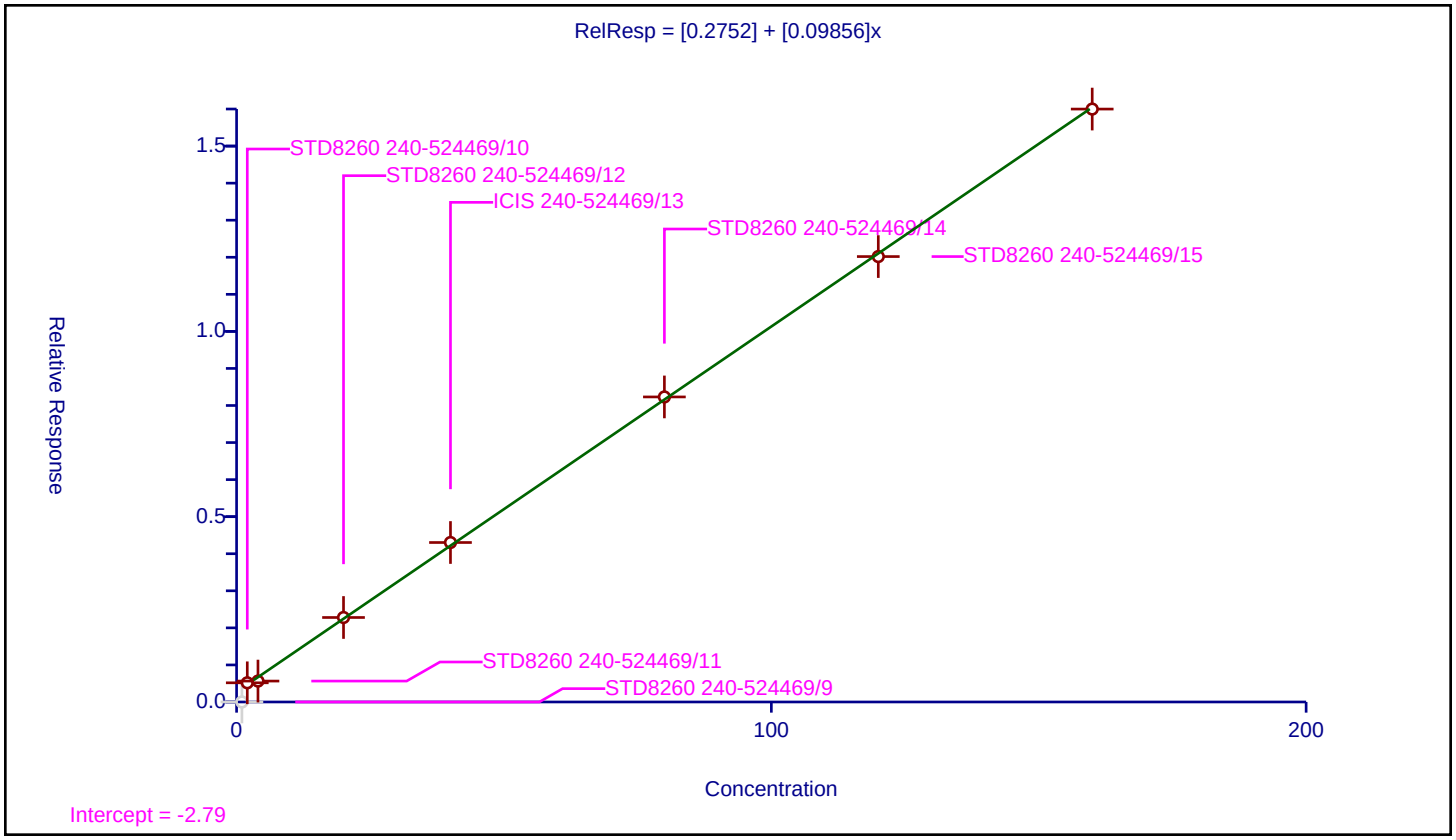
Curve Coefficients

Intercept:	0.2752
Slope:	0.09856

Error Coefficients

Standard Error:	420000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	2.0	0.51749	20.0	704554.0	0.258745	Y
3	STD8260 240-524469/11	4.0	0.564187	20.0	757480.0	0.141047	Y
4	STD8260 240-524469/12	20.0	2.279675	20.0	733543.0	0.113984	Y
5	ICIS 240-524469/13	40.0	4.303462	20.0	768809.0	0.107587	Y
6	STD8260 240-524469/14	80.0	8.23096	20.0	823277.0	0.102887	Y
7	STD8260 240-524469/15	120.0	12.018892	20.0	825750.0	0.100157	Y
8	STD8260 240-524469/16	160.0	15.998406	20.0	870688.0	0.09999	Y



Calibration / Iodomethane

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

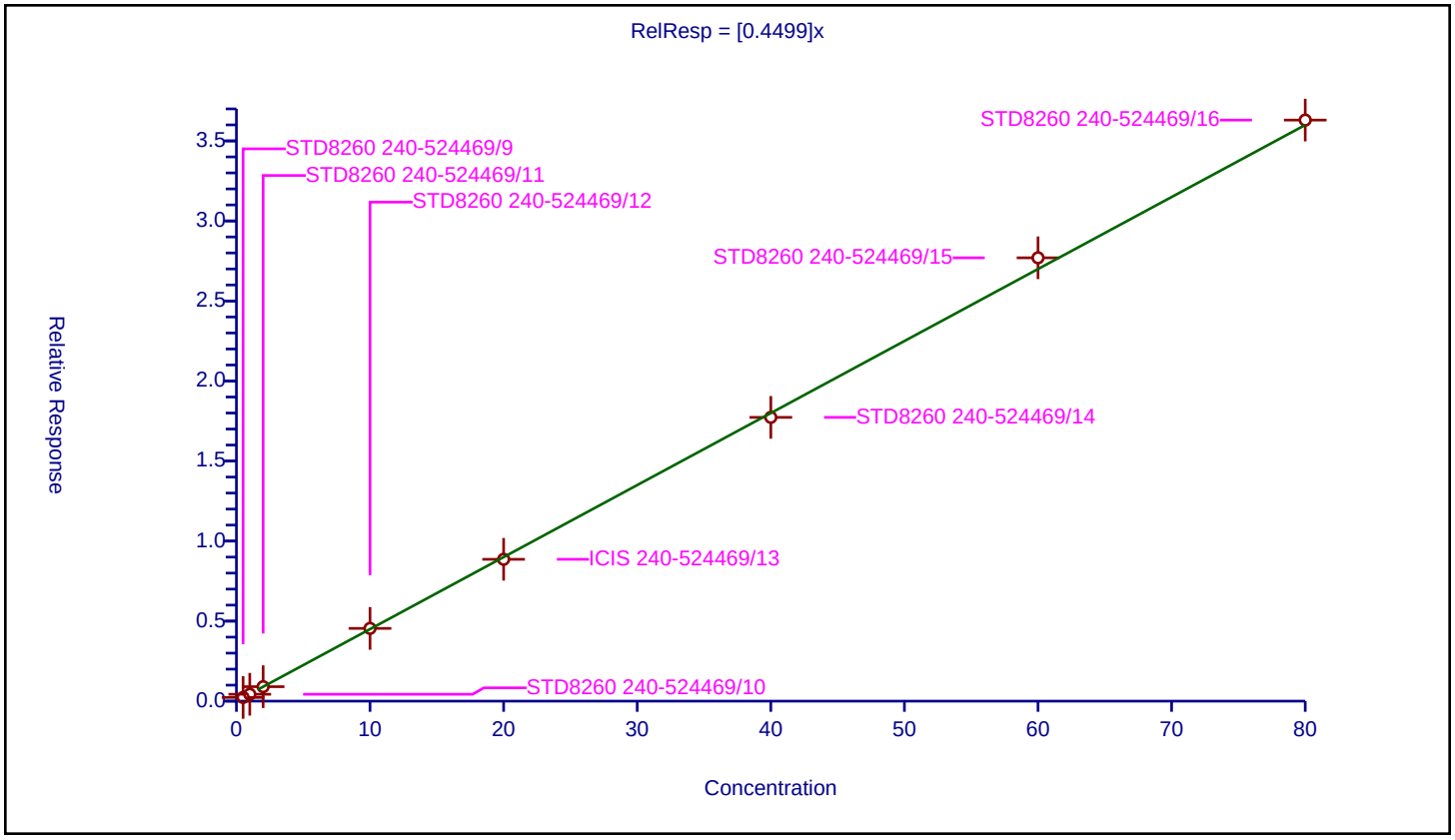
Curve Coefficients

Intercept:	0
Slope:	0.4499

Error Coefficients

Standard Error:	800000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.230698	20.0	727359.0	0.461395	Y
2	STD8260 240-524469/10	1.0	0.430286	20.0	704554.0	0.430286	Y
3	STD8260 240-524469/11	2.0	0.902994	20.0	757480.0	0.451497	Y
4	STD8260 240-524469/12	10.0	4.545719	20.0	733543.0	0.454572	Y
5	ICIS 240-524469/13	20.0	8.861057	20.0	768809.0	0.443053	Y
6	STD8260 240-524469/14	40.0	17.727836	20.0	823277.0	0.443196	Y
7	STD8260 240-524469/15	60.0	27.696567	20.0	825750.0	0.461609	Y
8	STD8260 240-524469/16	80.0	36.301431	20.0	870688.0	0.453768	Y



Calibration / Carbon disulfide

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

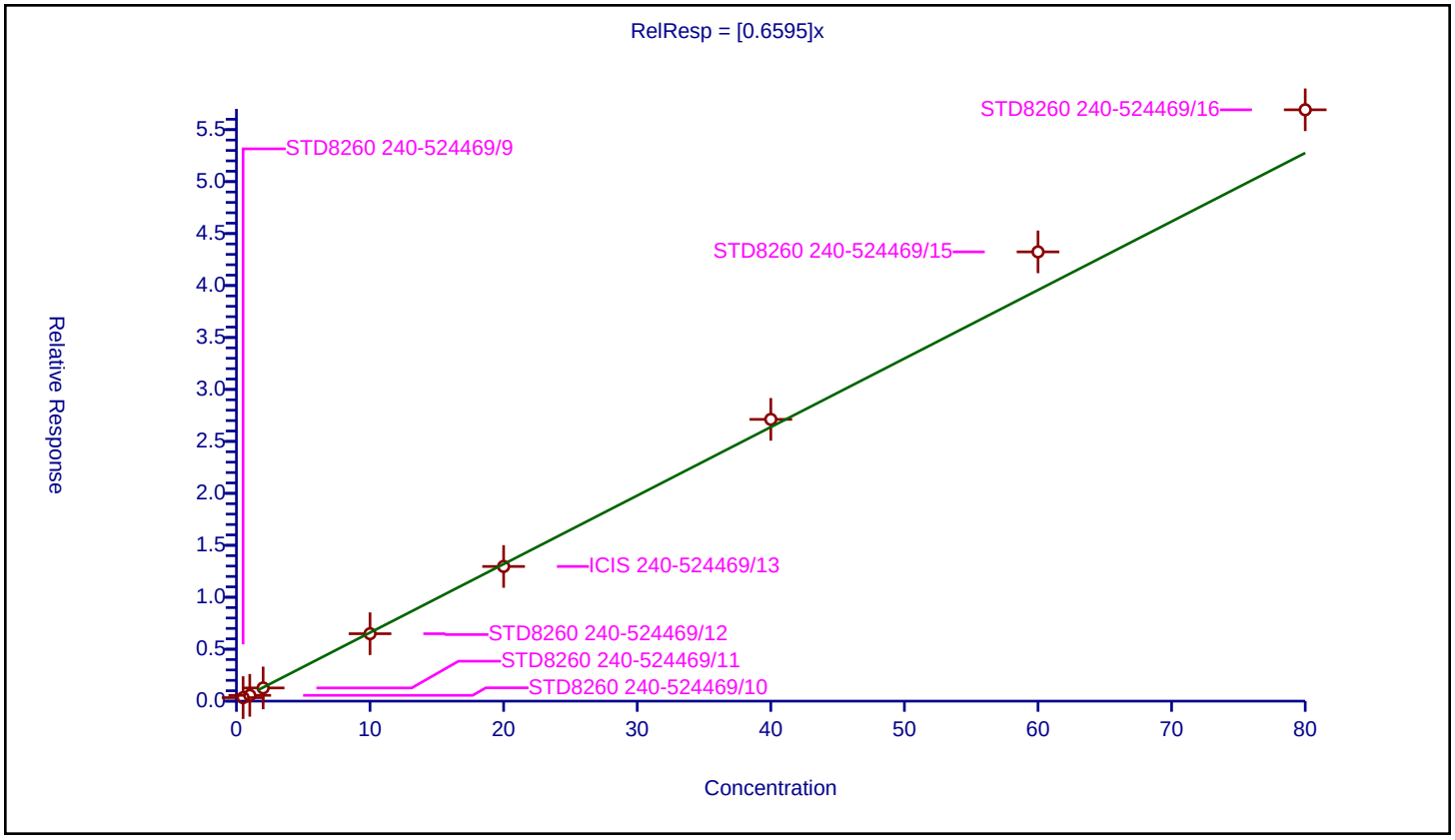
Curve Coefficients

Intercept:	0
Slope:	0.6595

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.338347	20.0	727359.0	0.676695	Y
2	STD8260 240-524469/10	1.0	0.557289	20.0	704554.0	0.557289	Y
3	STD8260 240-524469/11	2.0	1.269129	20.0	757480.0	0.634565	Y
4	STD8260 240-524469/12	10.0	6.48919	20.0	733543.0	0.648919	Y
5	ICIS 240-524469/13	20.0	12.962804	20.0	768809.0	0.64814	Y
6	STD8260 240-524469/14	40.0	27.119912	20.0	823277.0	0.677998	Y
7	STD8260 240-524469/15	60.0	43.239649	20.0	825750.0	0.720661	Y
8	STD8260 240-524469/16	80.0	56.913315	20.0	870688.0	0.711416	Y



Calibration / Methyl acetate

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

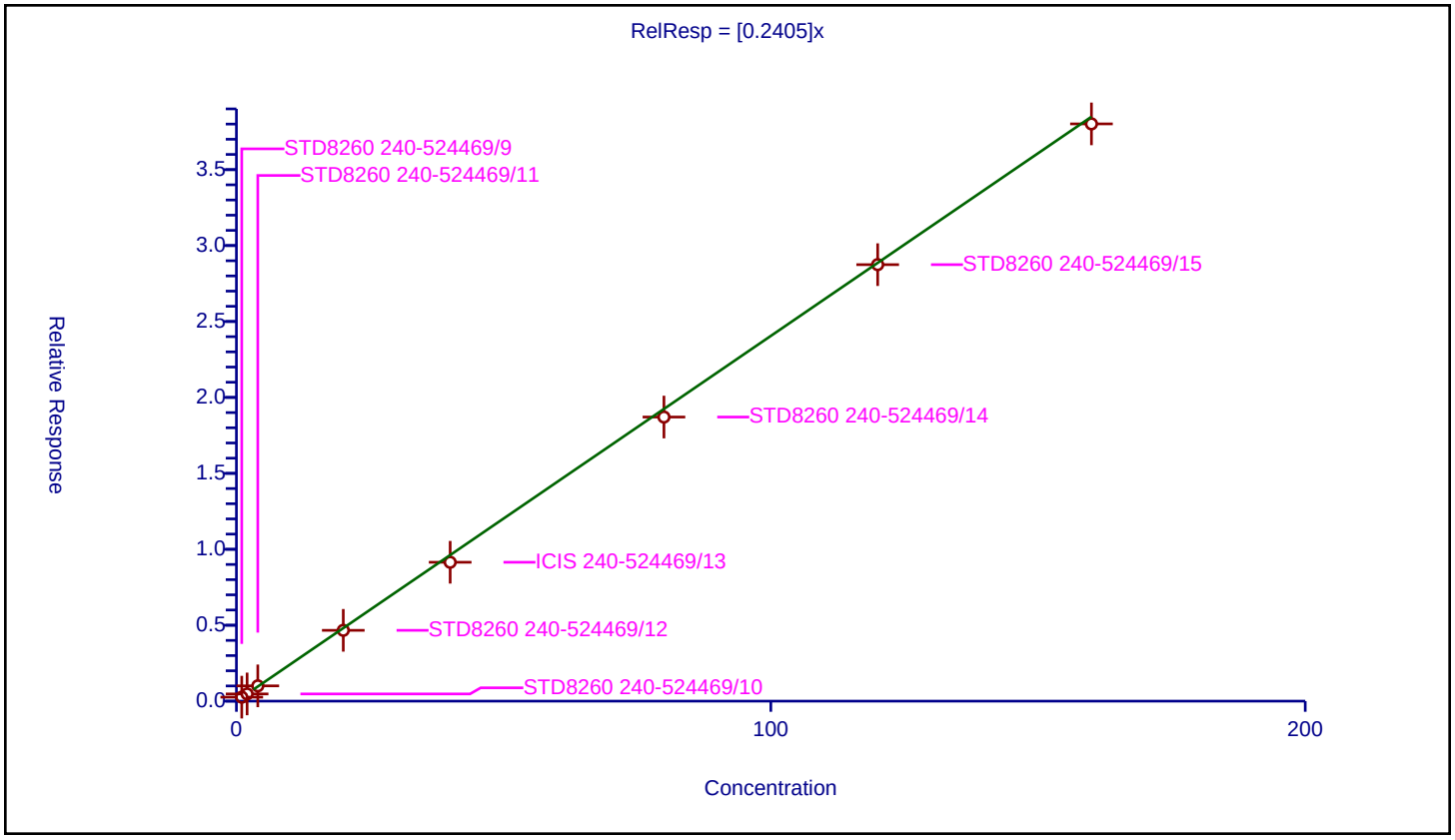
Curve Coefficients

Intercept:	0
Slope:	0.2405

Error Coefficients

Standard Error:	836000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.262731	20.0	727359.0	0.262731	Y
2	STD8260 240-524469/10	2.0	0.47403	20.0	704554.0	0.237015	Y
3	STD8260 240-524469/11	4.0	1.006126	20.0	757480.0	0.251531	Y
4	STD8260 240-524469/12	20.0	4.662985	20.0	733543.0	0.233149	Y
5	ICIS 240-524469/13	40.0	9.145392	20.0	768809.0	0.228635	Y
6	STD8260 240-524469/14	80.0	18.707895	20.0	823277.0	0.233849	Y
7	STD8260 240-524469/15	120.0	28.743857	20.0	825750.0	0.239532	Y
8	STD8260 240-524469/16	160.0	38.012399	20.0	870688.0	0.237577	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

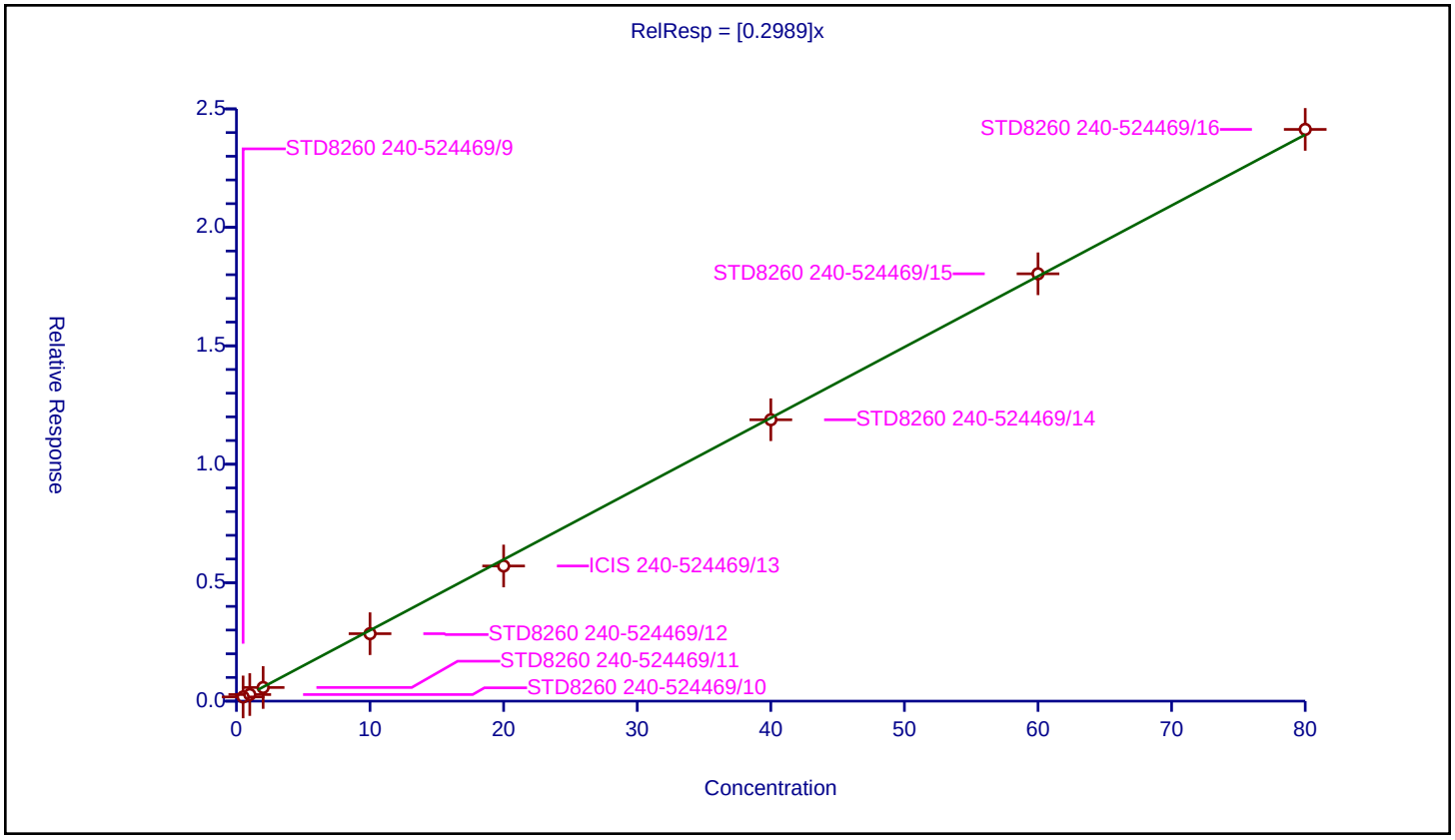
Curve Coefficients

Intercept:	0
Slope:	0.2989

Error Coefficients

Standard Error:	529000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.177491	20.0	727359.0	0.354983	Y
2	STD8260 240-524469/10	1.0	0.278673	20.0	704554.0	0.278673	Y
3	STD8260 240-524469/11	2.0	0.576226	20.0	757480.0	0.288113	Y
4	STD8260 240-524469/12	10.0	2.847413	20.0	733543.0	0.284741	Y
5	ICIS 240-524469/13	20.0	5.705682	20.0	768809.0	0.285284	Y
6	STD8260 240-524469/14	40.0	11.878942	20.0	823277.0	0.296974	Y
7	STD8260 240-524469/15	60.0	18.039503	20.0	825750.0	0.300658	Y
8	STD8260 240-524469/16	80.0	24.13434	20.0	870688.0	0.301679	Y



Calibration / Methylene Chloride

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

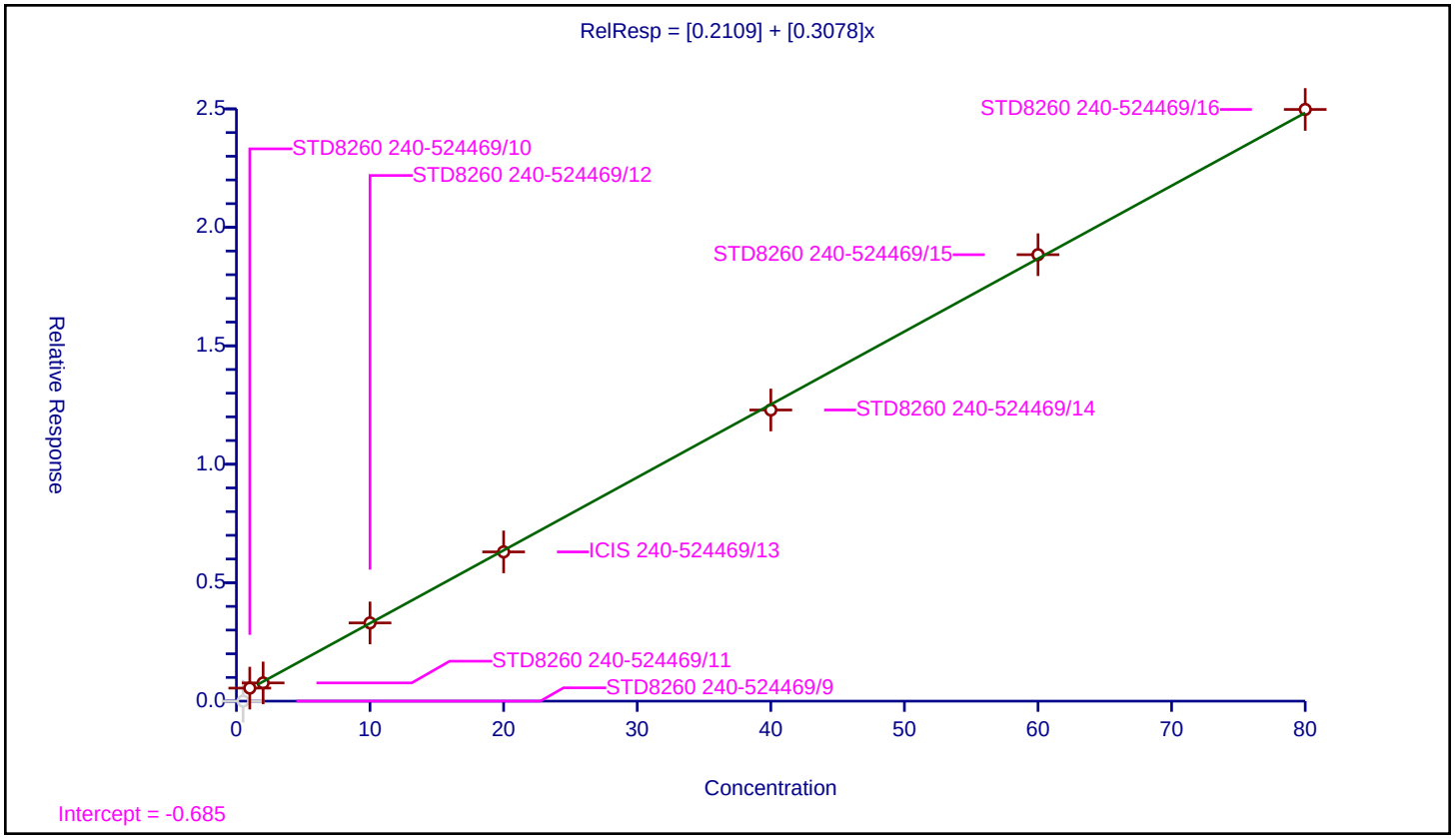
Curve Coefficients

Intercept:	0.2109
Slope:	0.3078

Error Coefficients

Standard Error:	651000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	1.0	0.550504	20.0	704554.0	0.550504	Y
3	STD8260 240-524469/11	2.0	0.769103	20.0	757480.0	0.384551	Y
4	STD8260 240-524469/12	10.0	3.302847	20.0	733543.0	0.330285	Y
5	ICIS 240-524469/13	20.0	6.299952	20.0	768809.0	0.314998	Y
6	STD8260 240-524469/14	40.0	12.289861	20.0	823277.0	0.307247	Y
7	STD8260 240-524469/15	60.0	18.846043	20.0	825750.0	0.314101	Y
8	STD8260 240-524469/16	80.0	24.976593	20.0	870688.0	0.312207	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

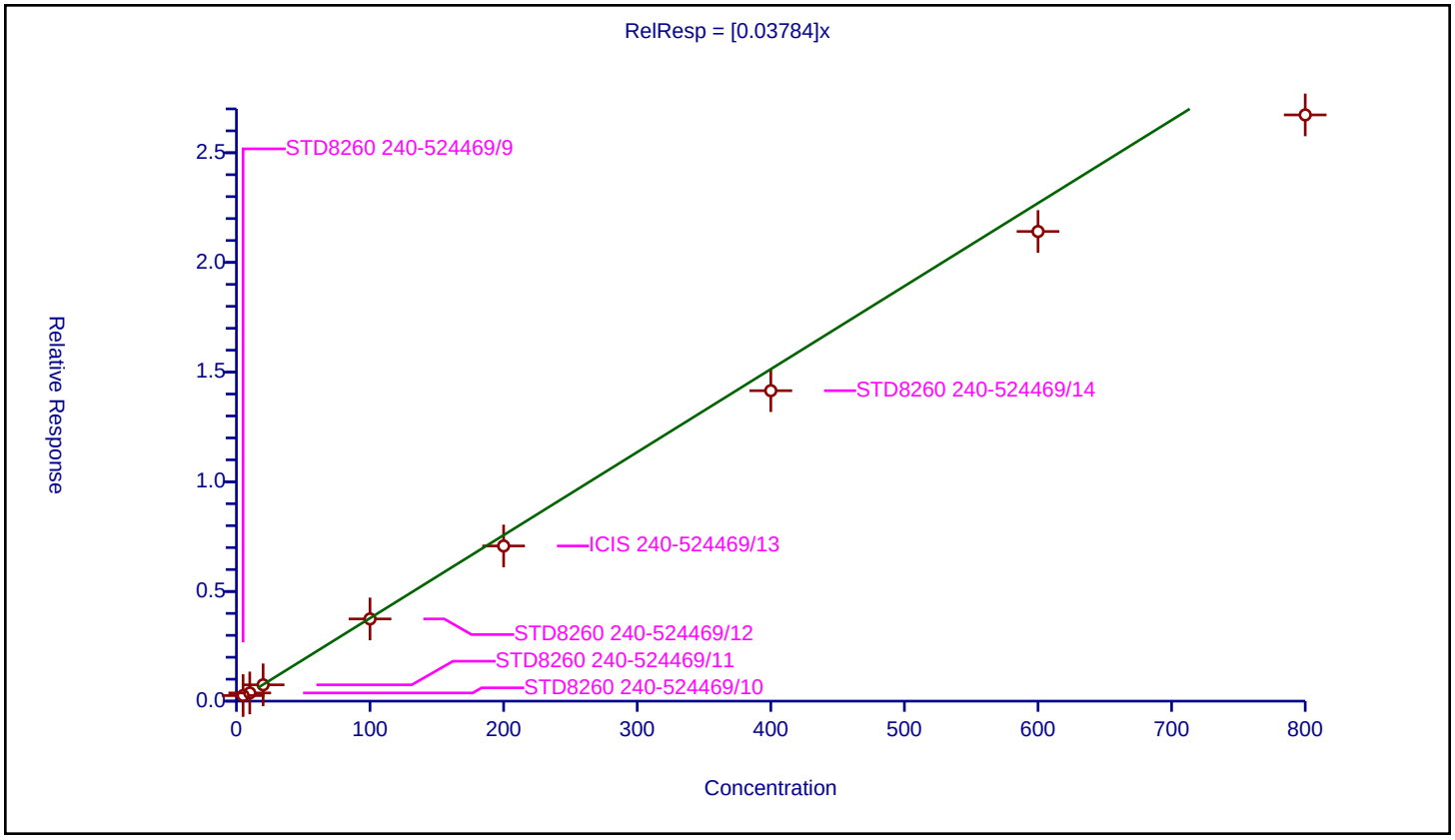
Curve Coefficients

Intercept:	0
Slope:	0.03784

Error Coefficients

Standard Error:	606000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	5.0	0.254152	20.0	727359.0	0.05083	Y
2	STD8260 240-524469/10	10.0	0.373456	20.0	704554.0	0.037346	Y
3	STD8260 240-524469/11	20.0	0.744046	20.0	757480.0	0.037202	Y
4	STD8260 240-524469/12	100.0	3.748001	20.0	733543.0	0.03748	Y
5	ICIS 240-524469/13	200.0	7.074605	20.0	768809.0	0.035373	Y
6	STD8260 240-524469/14	400.0	14.152976	20.0	823277.0	0.035382	Y
7	STD8260 240-524469/15	600.0	21.411299	20.0	825750.0	0.035685	Y
8	STD8260 240-524469/16	800.0	26.726129	20.0	870688.0	0.033408	Y



Calibration / Acrylonitrile

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

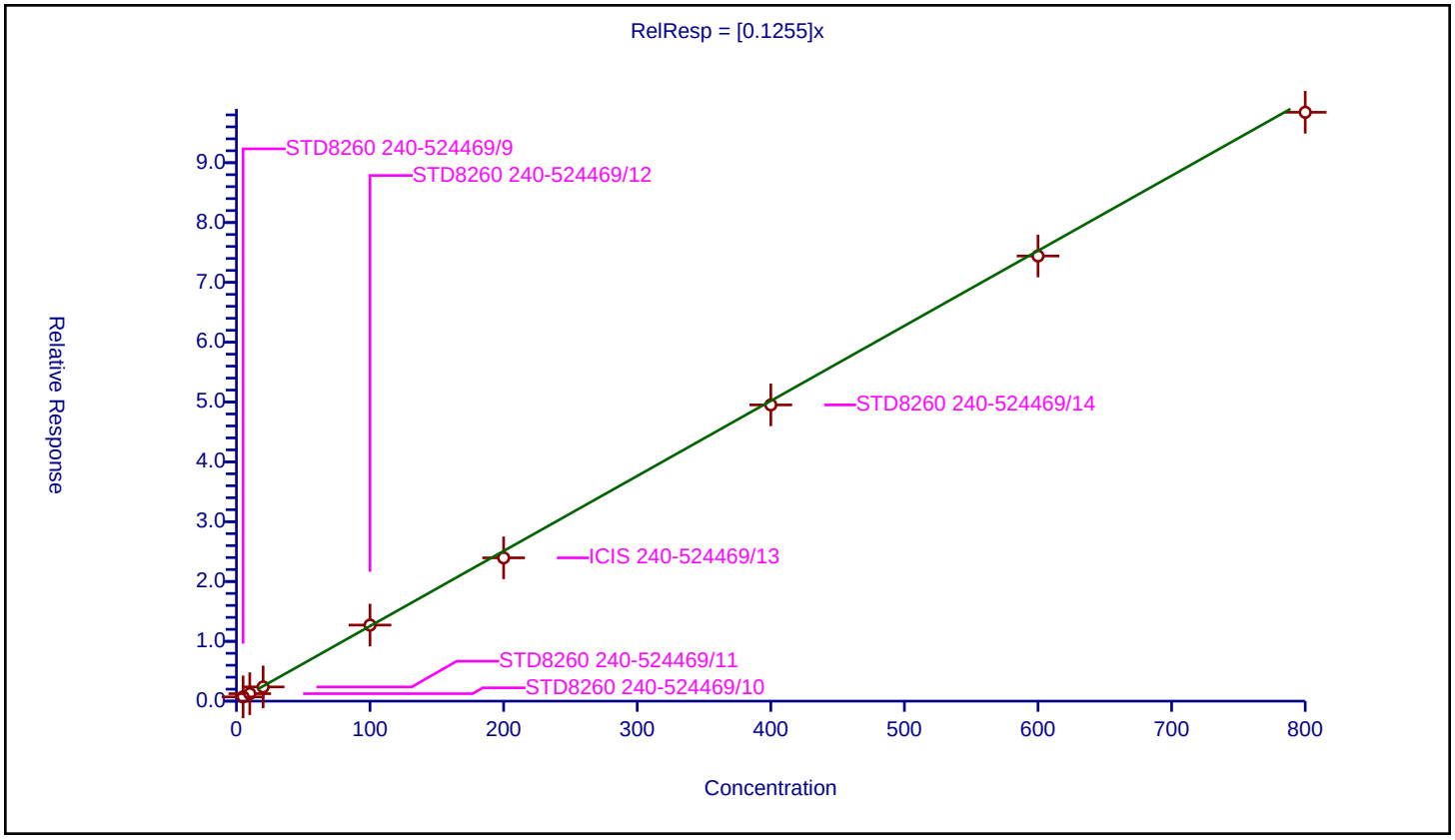
Curve Coefficients

Intercept:	0
Slope:	0.1255

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	5.0	0.711038	20.0	727359.0	0.142208	Y
2	STD8260 240-524469/10	10.0	1.250607	20.0	704554.0	0.125061	Y
3	STD8260 240-524469/11	20.0	2.374927	20.0	757480.0	0.118746	Y
4	STD8260 240-524469/12	100.0	12.716419	20.0	733543.0	0.127164	Y
5	ICIS 240-524469/13	200.0	23.952659	20.0	768809.0	0.119763	Y
6	STD8260 240-524469/14	400.0	49.52066	20.0	823277.0	0.123802	Y
7	STD8260 240-524469/15	600.0	74.41073	20.0	825750.0	0.124018	Y
8	STD8260 240-524469/16	800.0	98.434686	20.0	870688.0	0.123043	Y



Calibration / Methyl tert-butyl ether

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

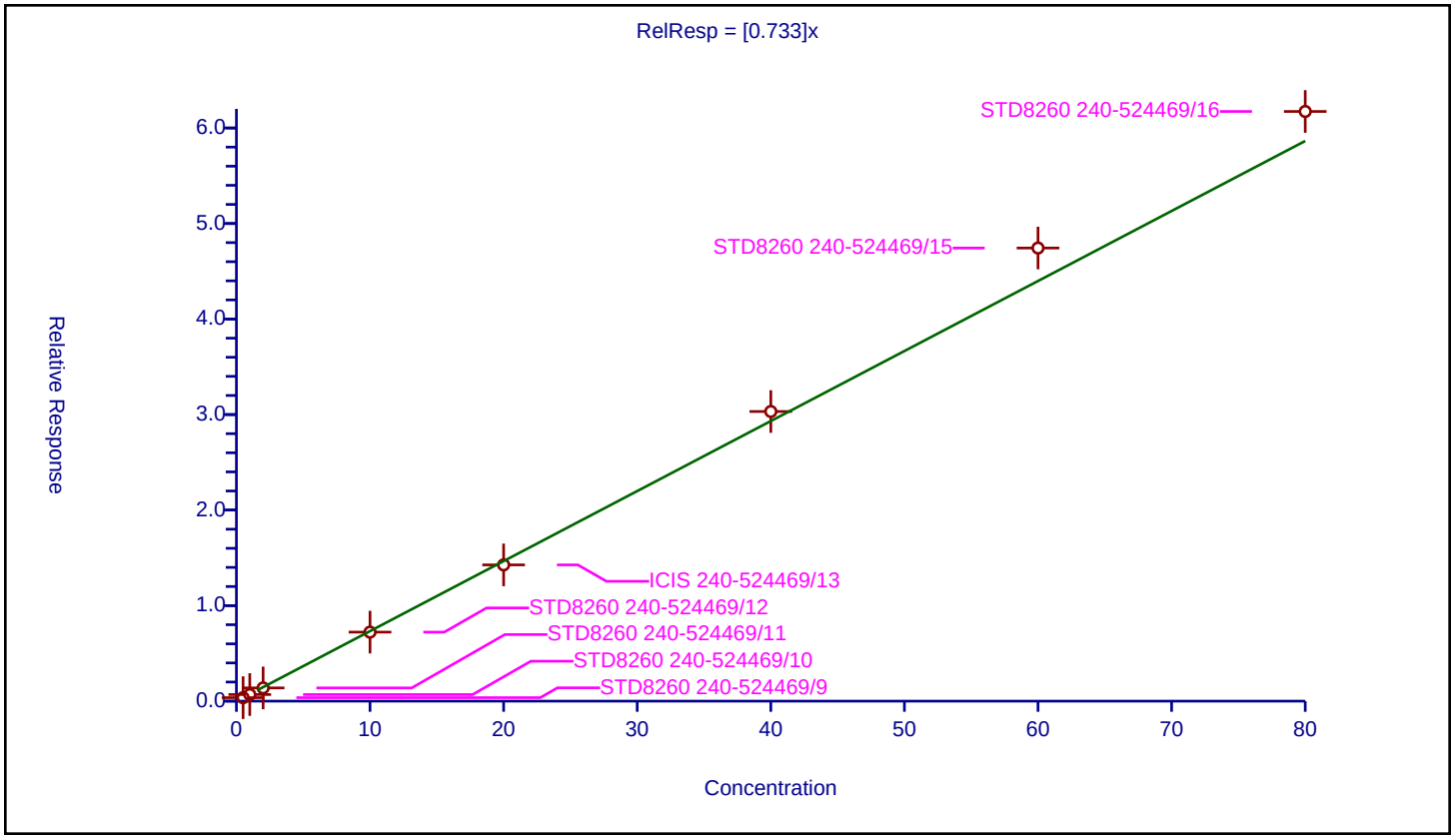
Curve Coefficients

Intercept:	0
Slope:	0.733

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.362929	20.0	727359.0	0.725859	Y
2	STD8260 240-524469/10	1.0	0.690565	20.0	704554.0	0.690565	Y
3	STD8260 240-524469/11	2.0	1.383667	20.0	757480.0	0.691833	Y
4	STD8260 240-524469/12	10.0	7.224525	20.0	733543.0	0.722453	Y
5	ICIS 240-524469/13	20.0	14.264089	20.0	768809.0	0.713204	Y
6	STD8260 240-524469/14	40.0	30.320803	20.0	823277.0	0.75802	Y
7	STD8260 240-524469/15	60.0	47.435495	20.0	825750.0	0.790592	Y
8	STD8260 240-524469/16	80.0	61.730448	20.0	870688.0	0.771631	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

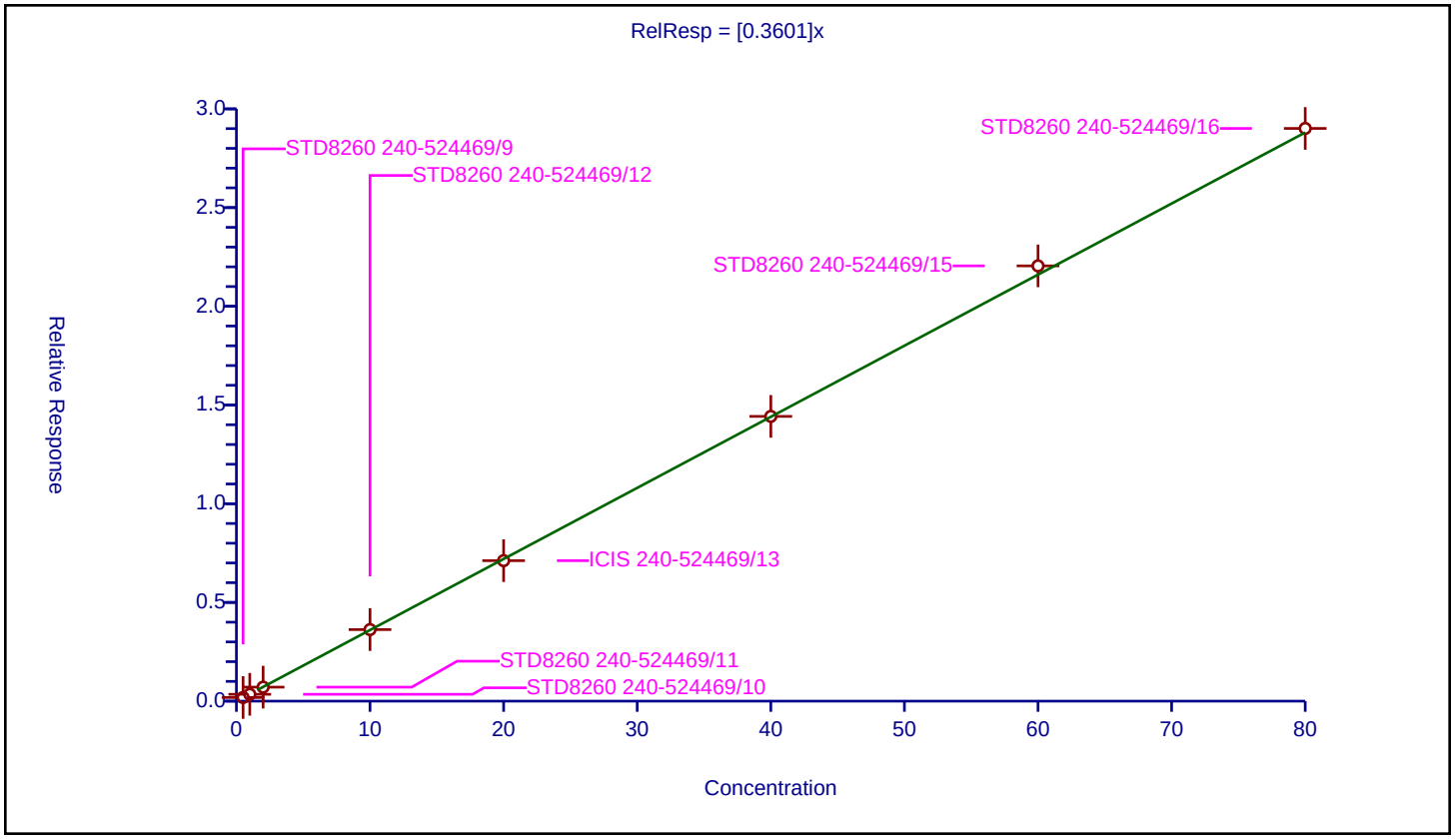
Curve Coefficients

Intercept:	0
Slope:	0.3601

Error Coefficients

Standard Error:	640000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.184586	20.0	727359.0	0.369171	Y
2	STD8260 240-524469/10	1.0	0.34805	20.0	704554.0	0.34805	Y
3	STD8260 240-524469/11	2.0	0.708745	20.0	757480.0	0.354372	Y
4	STD8260 240-524469/12	10.0	3.624355	20.0	733543.0	0.362435	Y
5	ICIS 240-524469/13	20.0	7.115682	20.0	768809.0	0.355784	Y
6	STD8260 240-524469/14	40.0	14.42421	20.0	823277.0	0.360605	Y
7	STD8260 240-524469/15	60.0	22.047932	20.0	825750.0	0.367466	Y
8	STD8260 240-524469/16	80.0	29.009473	20.0	870688.0	0.362618	Y



Calibration / Hexane

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

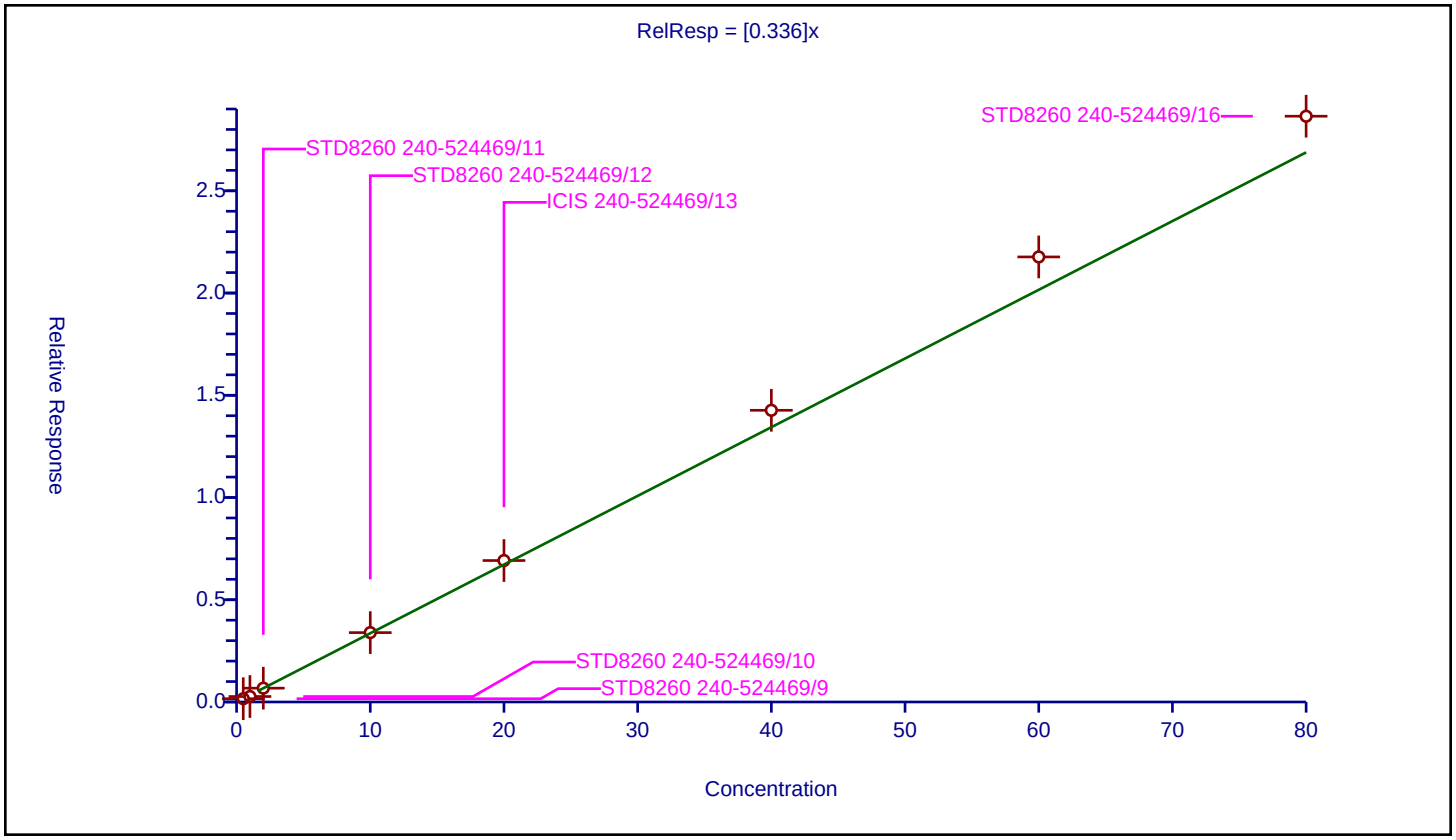
Curve Coefficients

Intercept:	0
Slope:	0.336

Error Coefficients

Standard Error:	632000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.159289	20.0	727359.0	0.318577	Y
2	STD8260 240-524469/10	1.0	0.268397	20.0	704554.0	0.268397	Y
3	STD8260 240-524469/11	2.0	0.676057	20.0	757480.0	0.338029	Y
4	STD8260 240-524469/12	10.0	3.393312	20.0	733543.0	0.339331	Y
5	ICIS 240-524469/13	20.0	6.918467	20.0	768809.0	0.345923	Y
6	STD8260 240-524469/14	40.0	14.26577	20.0	823277.0	0.356644	Y
7	STD8260 240-524469/15	60.0	21.766418	20.0	825750.0	0.362774	Y
8	STD8260 240-524469/16	80.0	28.6473	20.0	870688.0	0.358091	Y



Calibration / Vinyl acetate

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

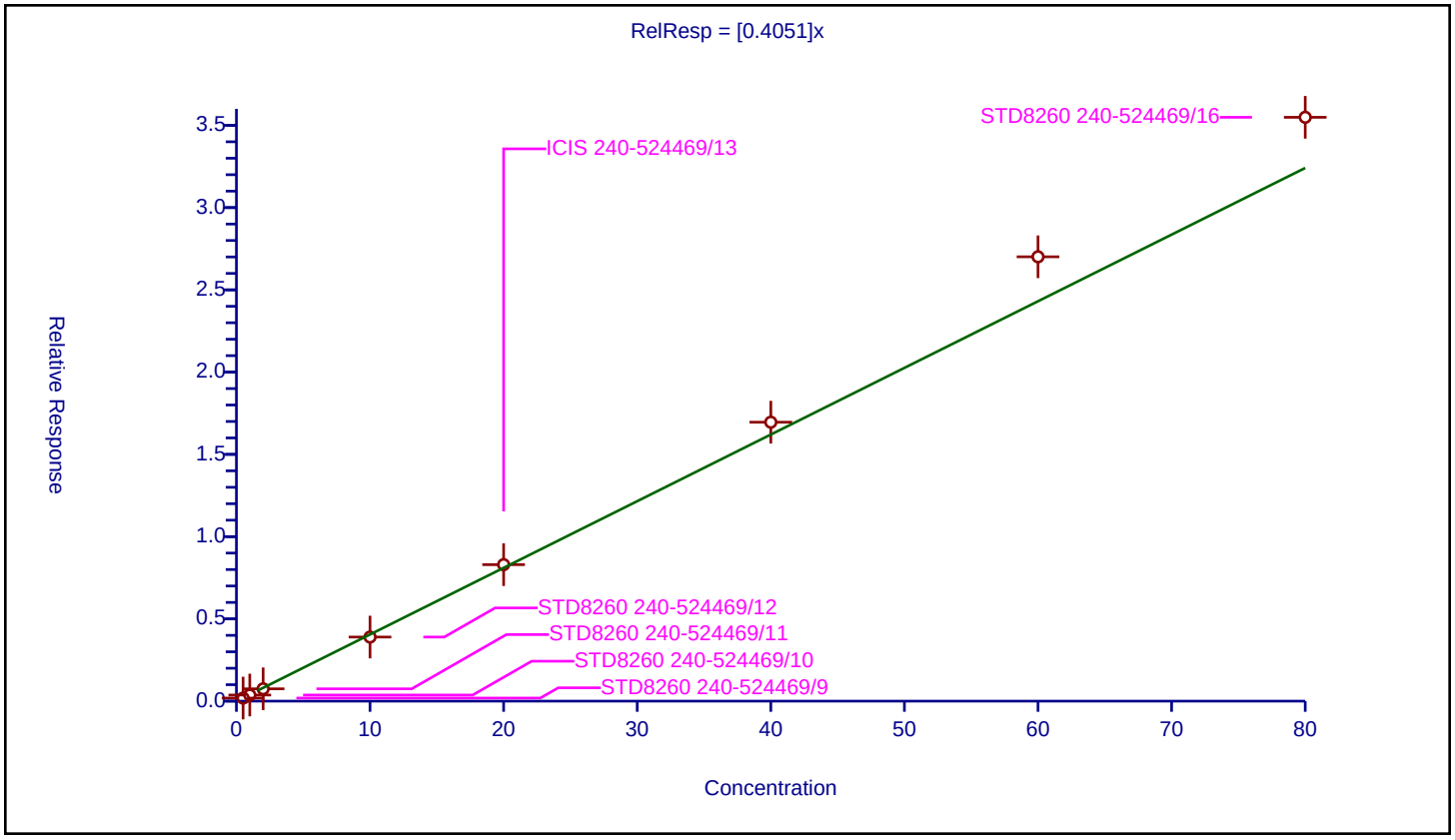
Curve Coefficients

Intercept:	0
Slope:	0.4051

Error Coefficients

Standard Error:	778000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.186263	20.0	727359.0	0.372526	Y
2	STD8260 240-524469/10	1.0	0.372264	20.0	704554.0	0.372264	Y
3	STD8260 240-524469/11	2.0	0.748271	20.0	757480.0	0.374135	Y
4	STD8260 240-524469/12	10.0	3.895804	20.0	733543.0	0.38958	Y
5	ICIS 240-524469/13	20.0	8.296183	20.0	768809.0	0.414809	Y
6	STD8260 240-524469/14	40.0	16.9558	20.0	823277.0	0.423895	Y
7	STD8260 240-524469/15	60.0	27.009264	20.0	825750.0	0.450154	Y
8	STD8260 240-524469/16	80.0	35.488349	20.0	870688.0	0.443604	Y



Calibration / 1,1-Dichloroethane

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

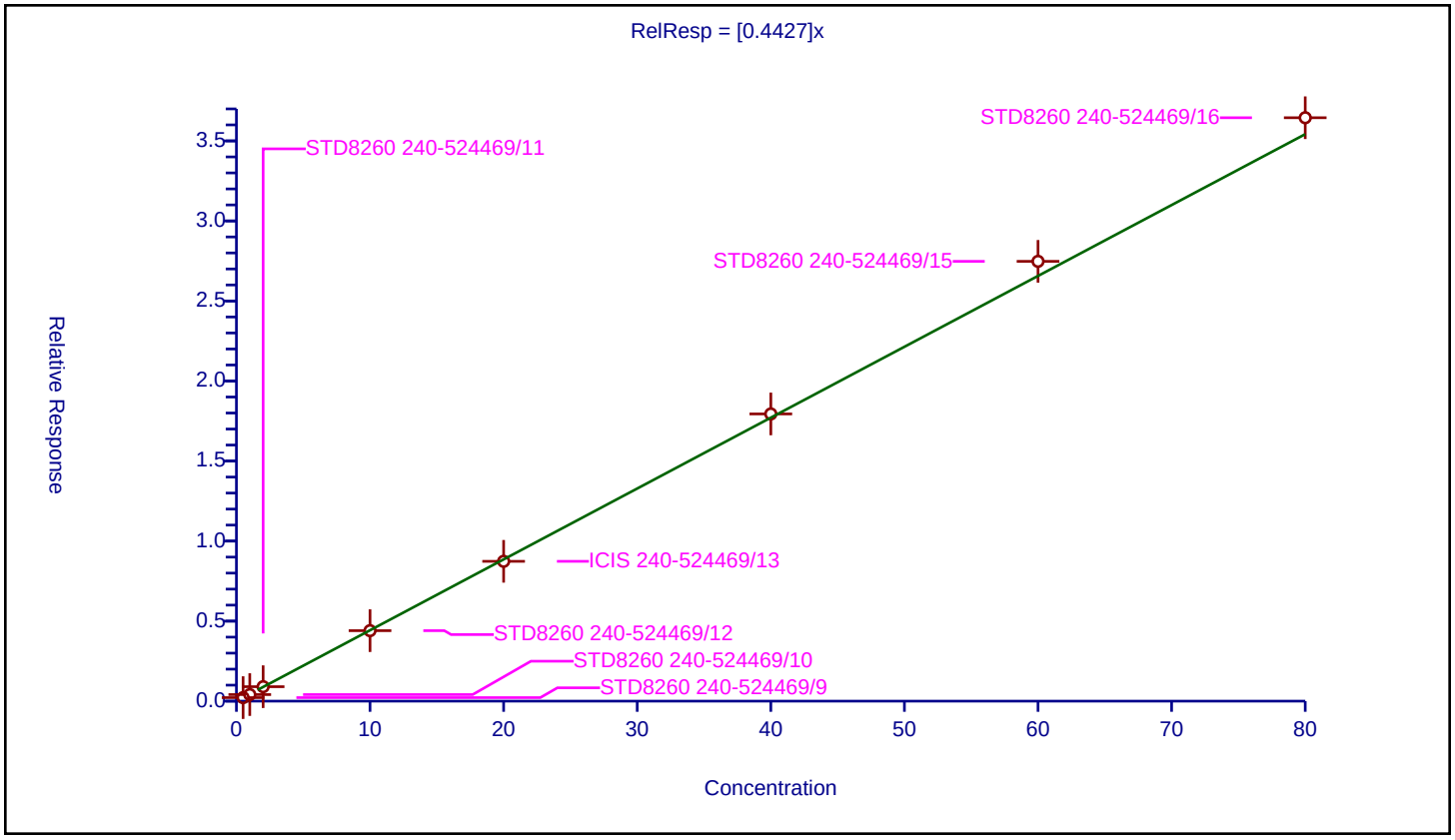
Curve Coefficients

Intercept:	0
Slope:	0.4427

Error Coefficients

Standard Error:	801000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.220826	20.0	727359.0	0.441653	Y
2	STD8260 240-524469/10	1.0	0.409451	20.0	704554.0	0.409451	Y
3	STD8260 240-524469/11	2.0	0.903311	20.0	757480.0	0.451655	Y
4	STD8260 240-524469/12	10.0	4.403668	20.0	733543.0	0.440367	Y
5	ICIS 240-524469/13	20.0	8.734809	20.0	768809.0	0.43674	Y
6	STD8260 240-524469/14	40.0	17.943365	20.0	823277.0	0.448584	Y
7	STD8260 240-524469/15	60.0	27.475459	20.0	825750.0	0.457924	Y
8	STD8260 240-524469/16	80.0	36.446764	20.0	870688.0	0.455585	Y



Calibration / 2-Butanone (MEK)

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

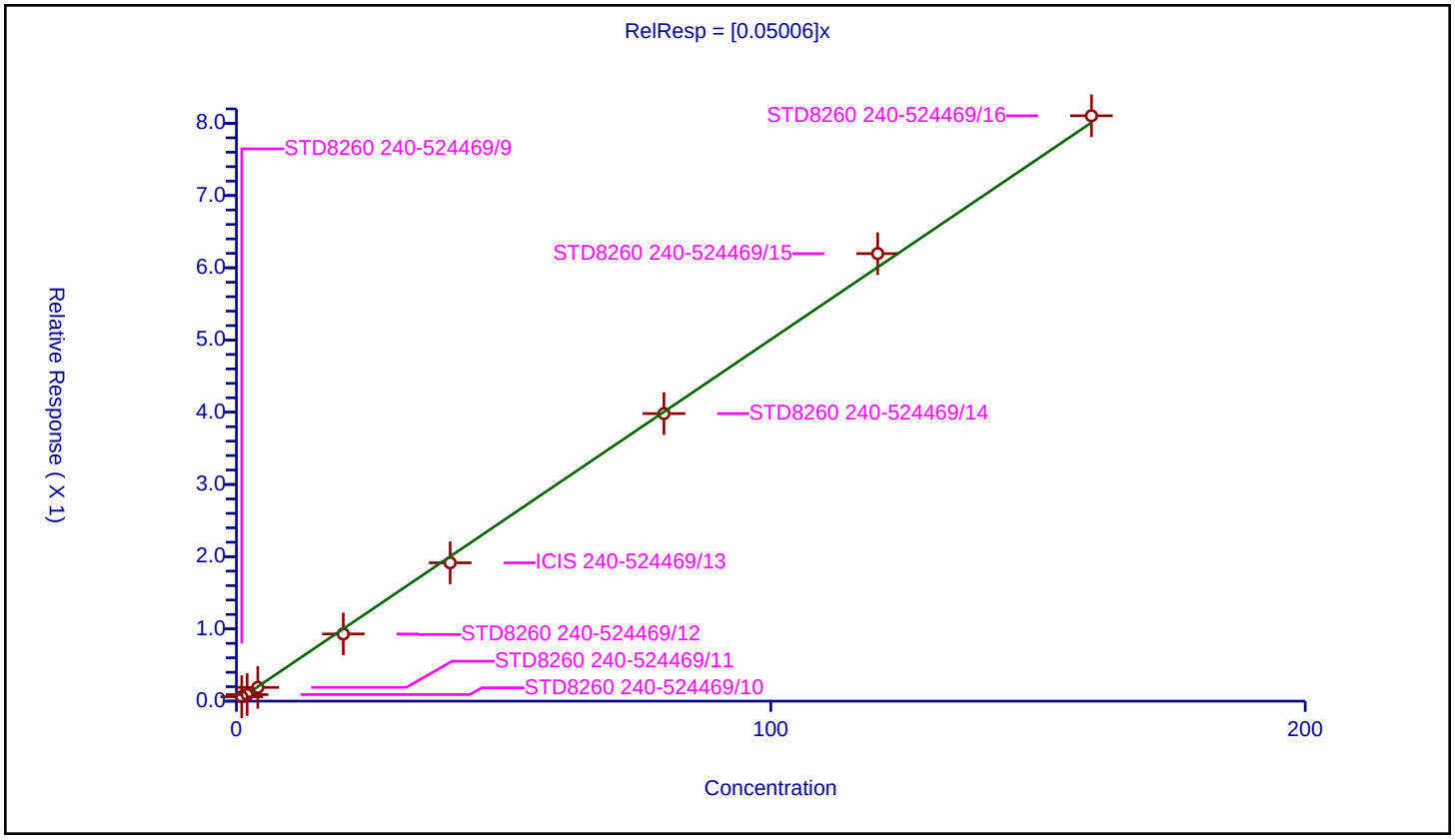
Curve Coefficients

Intercept:	0
Slope:	0.05006

Error Coefficients

Standard Error:	179000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.06107	20.0	727359.0	0.06107	Y
2	STD8260 240-524469/10	2.0	0.090781	20.0	704554.0	0.04539	Y
3	STD8260 240-524469/11	4.0	0.190421	20.0	757480.0	0.047605	Y
4	STD8260 240-524469/12	20.0	0.930225	20.0	733543.0	0.046511	Y
5	ICIS 240-524469/13	40.0	1.915196	20.0	768809.0	0.04788	Y
6	STD8260 240-524469/14	80.0	3.981527	20.0	823277.0	0.049769	Y
7	STD8260 240-524469/15	120.0	6.196476	20.0	825750.0	0.051637	Y
8	STD8260 240-524469/16	160.0	8.10497	20.0	870688.0	0.050656	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

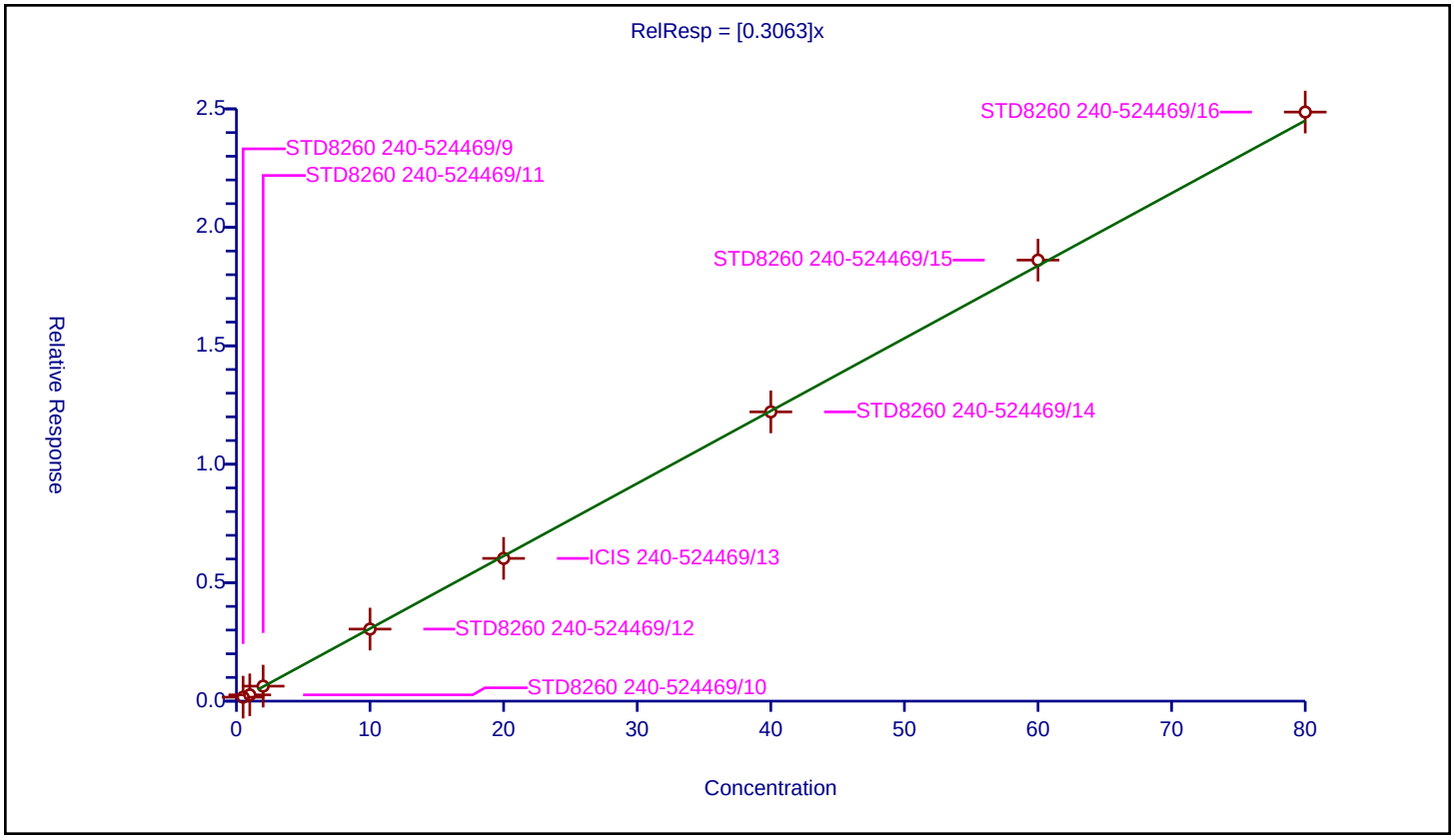
Curve Coefficients

Intercept:	0
Slope:	0.3063

Error Coefficients

Standard Error:	545000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.168253	20.0	727359.0	0.336505	Y
2	STD8260 240-524469/10	1.0	0.265104	20.0	704554.0	0.265104	Y
3	STD8260 240-524469/11	2.0	0.633786	20.0	757480.0	0.316893	Y
4	STD8260 240-524469/12	10.0	3.042248	20.0	733543.0	0.304225	Y
5	ICIS 240-524469/13	20.0	6.025554	20.0	768809.0	0.301278	Y
6	STD8260 240-524469/14	40.0	12.210447	20.0	823277.0	0.305261	Y
7	STD8260 240-524469/15	60.0	18.617015	20.0	825750.0	0.310284	Y
8	STD8260 240-524469/16	80.0	24.866404	20.0	870688.0	0.31083	Y



Calibration / 2,2-Dichloropropane

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

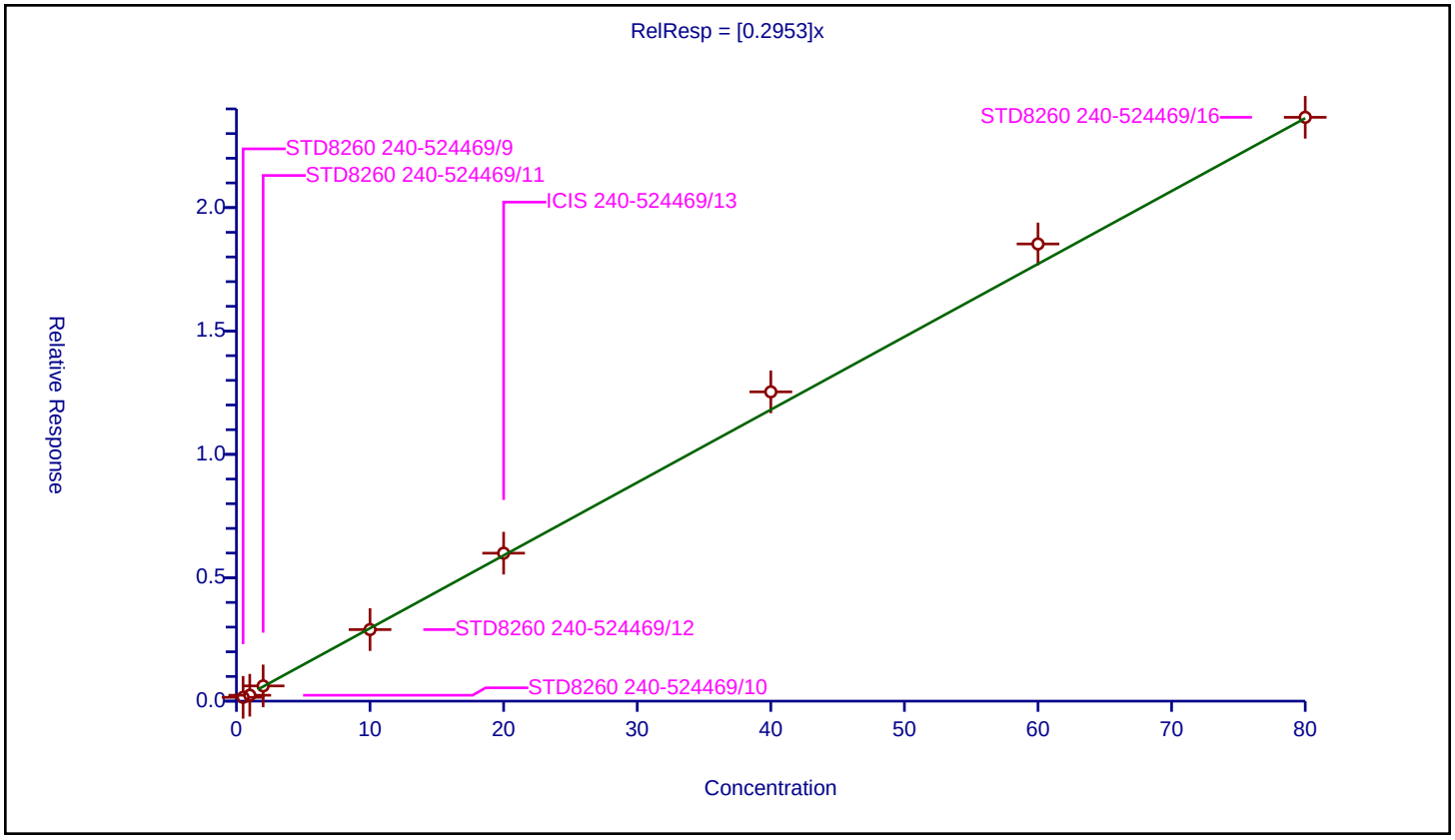
Curve Coefficients

Intercept:	0
Slope:	0.2953

Error Coefficients

Standard Error:	531000
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	STD8260 240-524469/9	0.5	0.153487	20.0	727359.0	0.306974	Y
2	STD8260 240-524469/10	1.0	0.239414	20.0	704554.0	0.239414	Y
3	STD8260 240-524469/11	2.0	0.616597	20.0	757480.0	0.308299	Y
4	STD8260 240-524469/12	10.0	2.899053	20.0	733543.0	0.289905	Y
5	ICIS 240-524469/13	20.0	5.996106	20.0	768809.0	0.299805	Y
6	STD8260 240-524469/14	40.0	12.533181	20.0	823277.0	0.31333	Y
7	STD8260 240-524469/15	60.0	18.526503	20.0	825750.0	0.308775	Y
8	STD8260 240-524469/16	80.0	23.65867	20.0	870688.0	0.295733	Y



Calibration / Chlorobromomethane

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

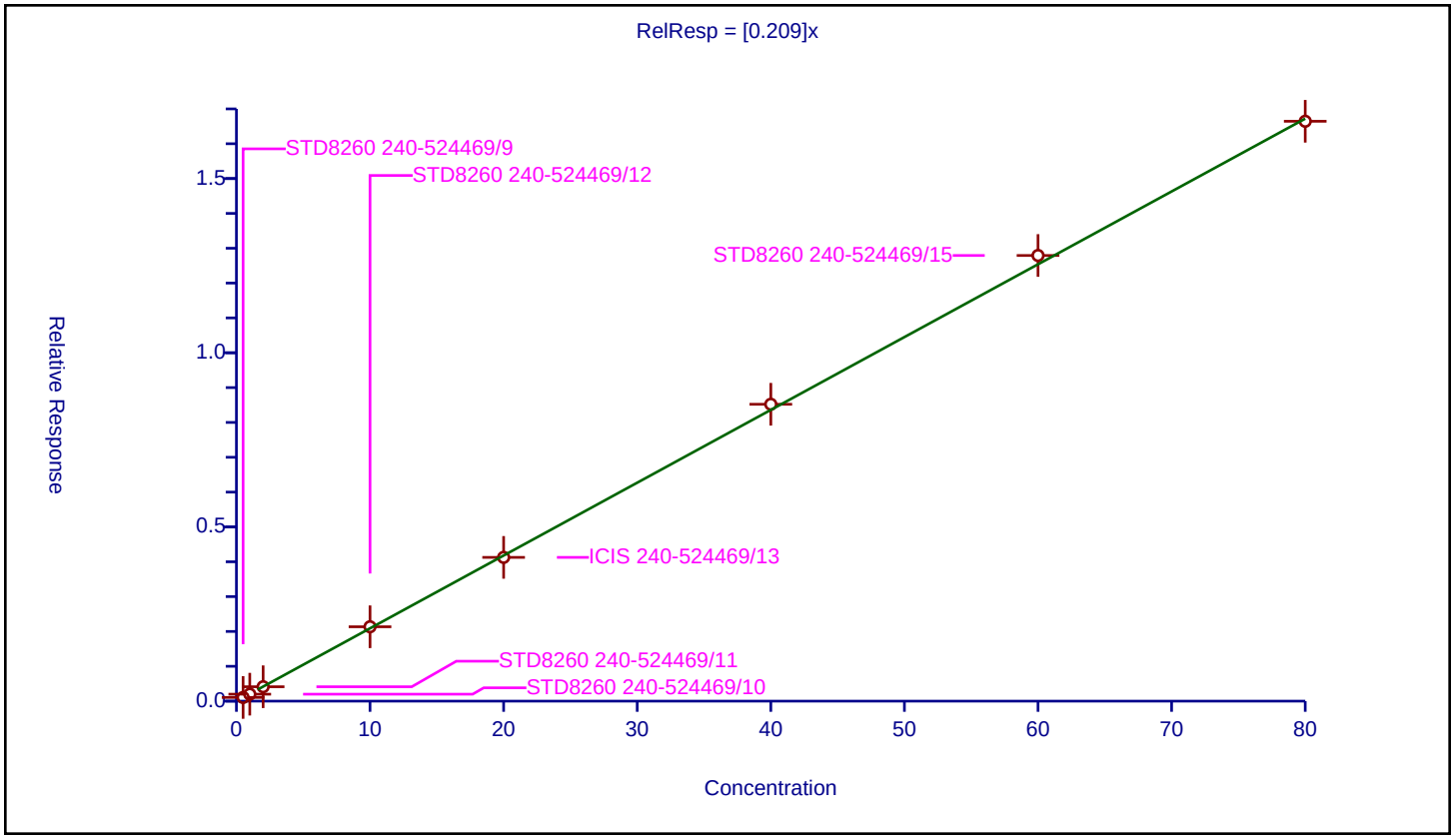
Curve Coefficients

Intercept:	0
Slope:	0.209

Error Coefficients

Standard Error:	370000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.105505	20.0	727359.0	0.21101	Y
2	STD8260 240-524469/10	1.0	0.20007	20.0	704554.0	0.20007	Y
3	STD8260 240-524469/11	2.0	0.41345	20.0	757480.0	0.206725	Y
4	STD8260 240-524469/12	10.0	2.135117	20.0	733543.0	0.213512	Y
5	ICIS 240-524469/13	20.0	4.126591	20.0	768809.0	0.20633	Y
6	STD8260 240-524469/14	40.0	8.521506	20.0	823277.0	0.213038	Y
7	STD8260 240-524469/15	60.0	12.792177	20.0	825750.0	0.213203	Y
8	STD8260 240-524469/16	80.0	16.644263	20.0	870688.0	0.208053	Y



Calibration / Tetrahydrofuran

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

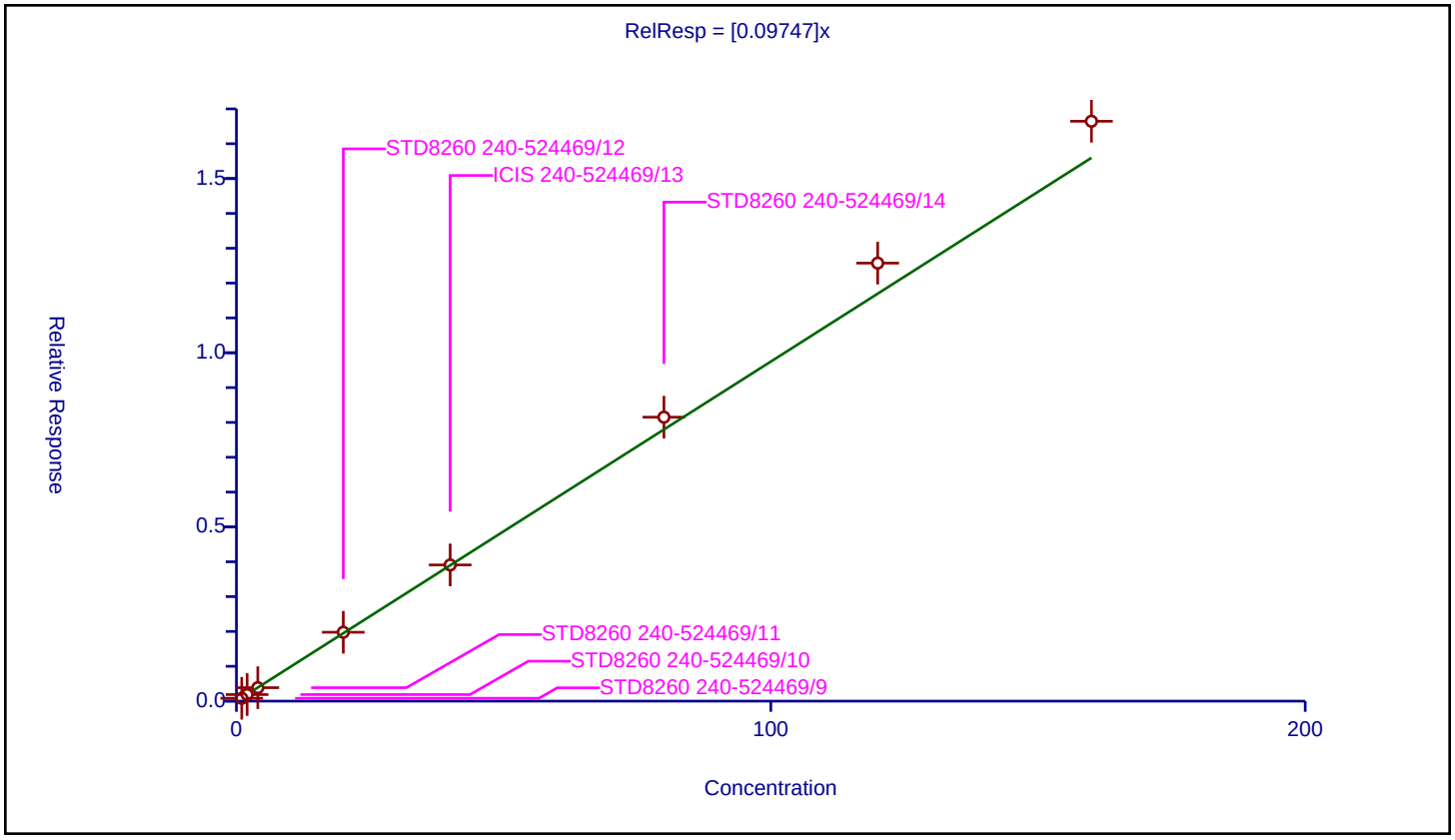
Curve Coefficients

Intercept:	0
Slope:	0.09747

Error Coefficients

Standard Error:	366000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.081858	20.0	727359.0	0.081858	Y
2	STD8260 240-524469/10	2.0	0.188289	20.0	704554.0	0.094145	Y
3	STD8260 240-524469/11	4.0	0.385806	20.0	757480.0	0.096451	Y
4	STD8260 240-524469/12	20.0	1.977253	20.0	733543.0	0.098863	Y
5	ICIS 240-524469/13	40.0	3.908929	20.0	768809.0	0.097723	Y
6	STD8260 240-524469/14	80.0	8.150841	20.0	823277.0	0.101886	Y
7	STD8260 240-524469/15	120.0	12.573297	20.0	825750.0	0.104777	Y
8	STD8260 240-524469/16	160.0	16.645366	20.0	870688.0	0.104034	Y



Calibration / Chloroform

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

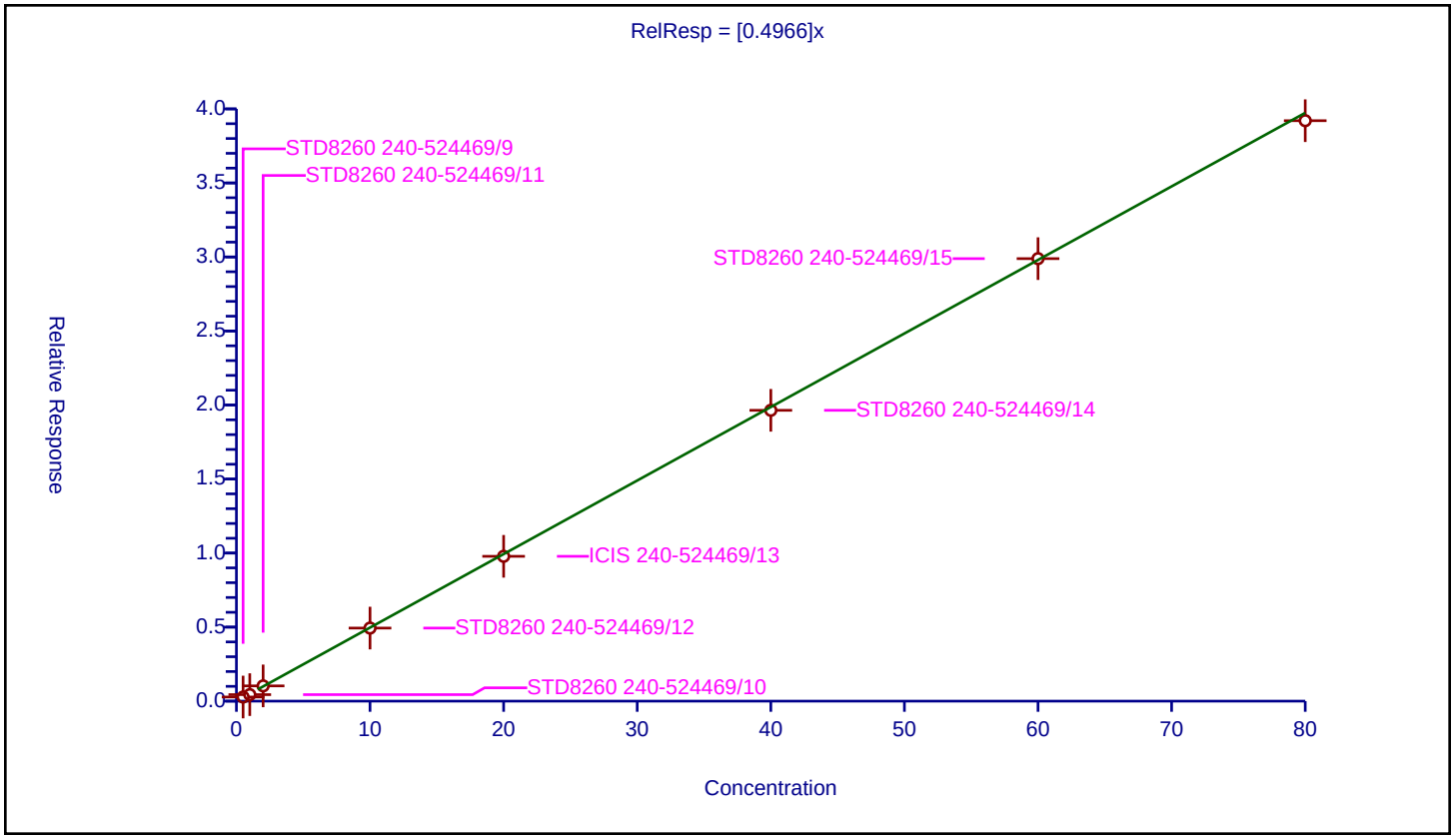
Curve Coefficients

Intercept:	0
Slope:	0.4966

Error Coefficients

Standard Error:	867000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.278377	20.0	727359.0	0.556754	Y
2	STD8260 240-524469/10	1.0	0.43954	20.0	704554.0	0.43954	Y
3	STD8260 240-524469/11	2.0	1.029836	20.0	757480.0	0.514918	Y
4	STD8260 240-524469/12	10.0	4.935525	20.0	733543.0	0.493553	Y
5	ICIS 240-524469/13	20.0	9.781909	20.0	768809.0	0.489095	Y
6	STD8260 240-524469/14	40.0	19.642259	20.0	823277.0	0.491056	Y
7	STD8260 240-524469/15	60.0	29.887714	20.0	825750.0	0.498129	Y
8	STD8260 240-524469/16	80.0	39.203917	20.0	870688.0	0.490049	Y



Calibration / Dibromofluoromethane (Surr)

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

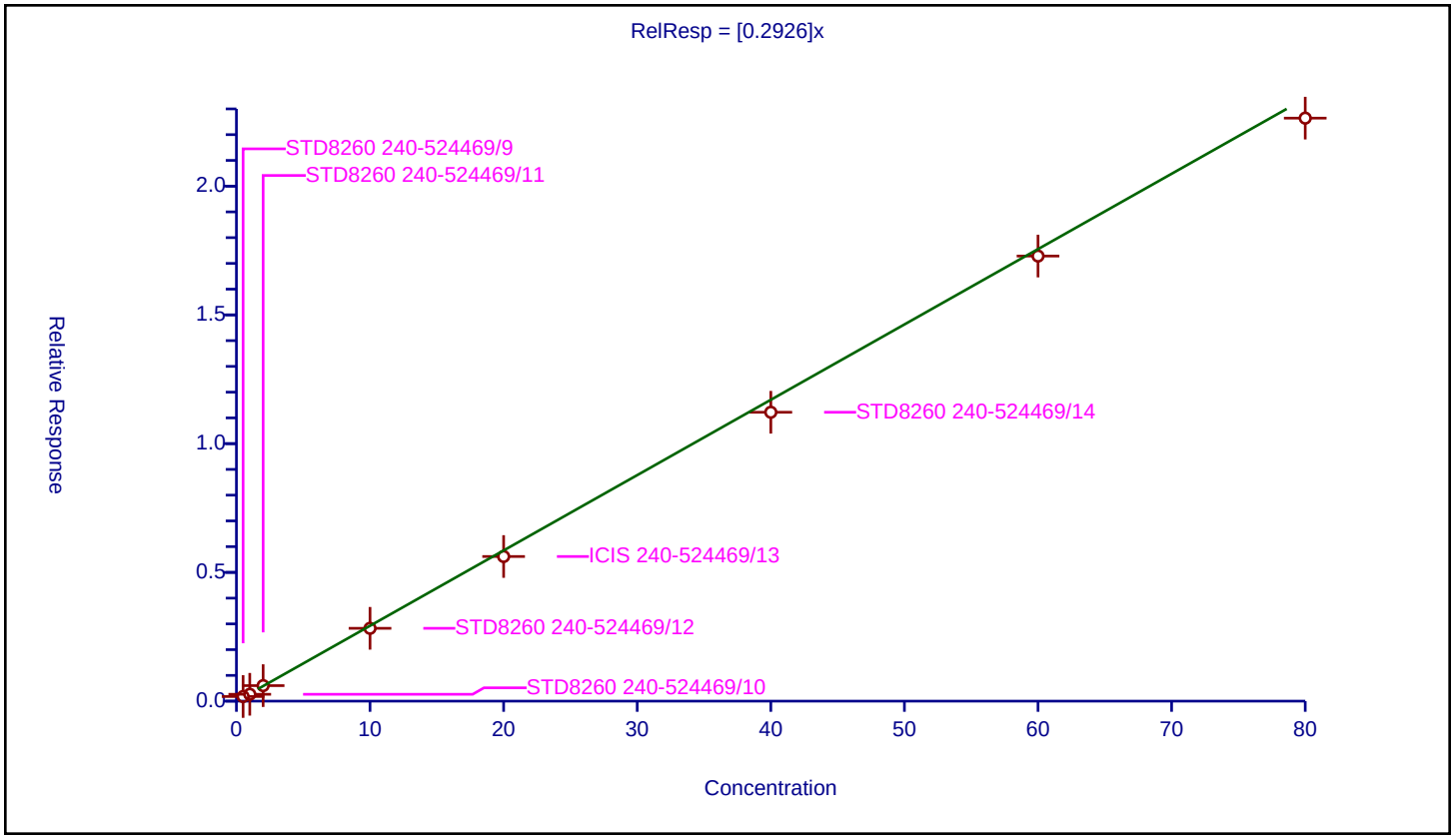
Curve Coefficients

Intercept:	0
Slope:	0.2926

Error Coefficients

Standard Error:	500000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.179059	20.0	727359.0	0.358118	Y
2	STD8260 240-524469/10	1.0	0.266183	20.0	704554.0	0.266183	Y
3	STD8260 240-524469/11	2.0	0.602102	20.0	757480.0	0.301051	Y
4	STD8260 240-524469/12	10.0	2.82811	20.0	733543.0	0.282811	Y
5	ICIS 240-524469/13	20.0	5.617182	20.0	768809.0	0.280859	Y
6	STD8260 240-524469/14	40.0	11.218533	20.0	823277.0	0.280463	Y
7	STD8260 240-524469/15	60.0	17.285328	20.0	825750.0	0.288089	Y
8	STD8260 240-524469/16	80.0	22.640716	20.0	870688.0	0.283009	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

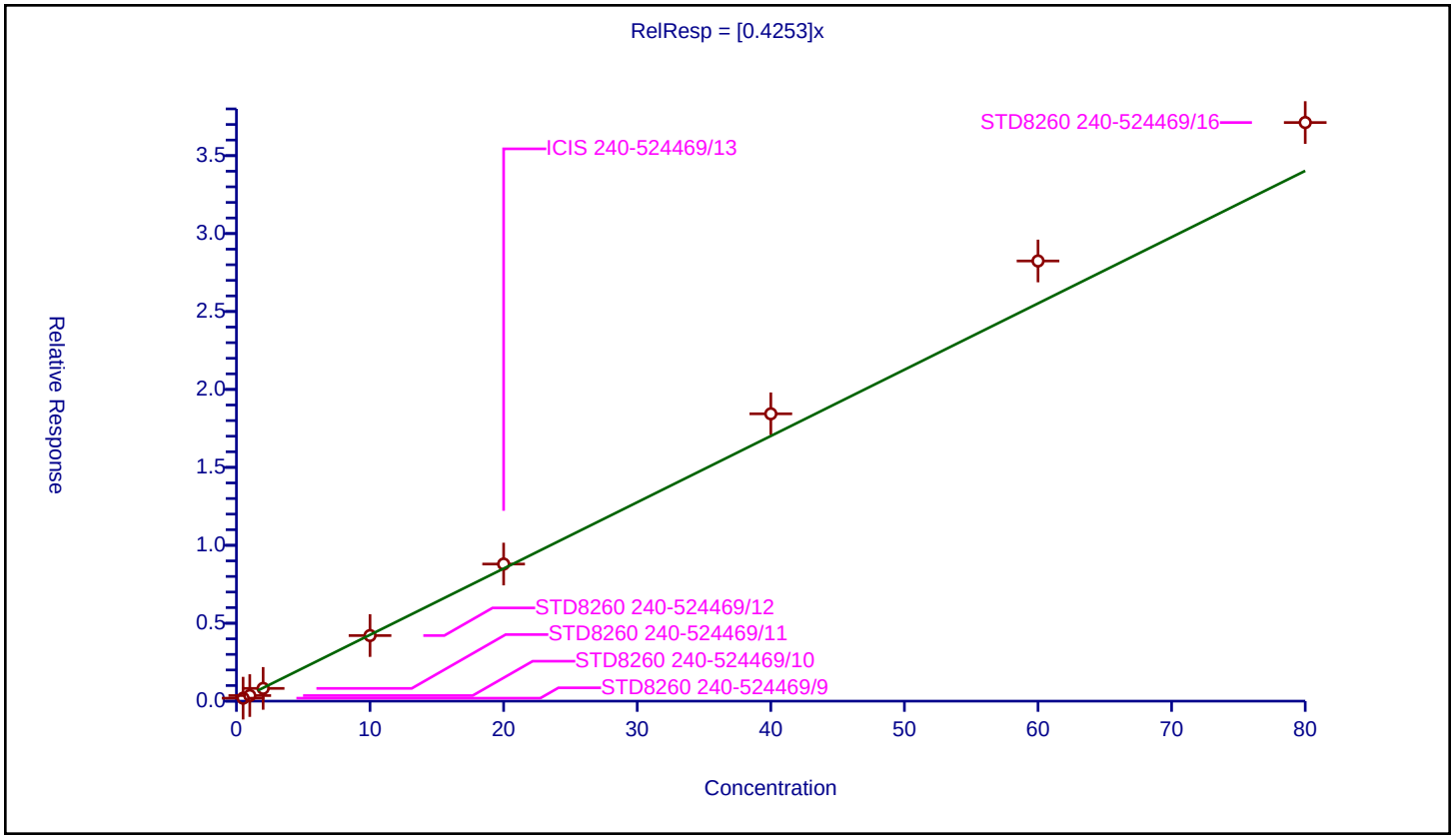
Curve Coefficients

Intercept:	0
Slope:	0.4253

Error Coefficients

Standard Error:	818000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.189782	20.0	727359.0	0.379565	Y
2	STD8260 240-524469/10	1.0	0.358042	20.0	704554.0	0.358042	Y
3	STD8260 240-524469/11	2.0	0.817236	20.0	757480.0	0.408618	Y
4	STD8260 240-524469/12	10.0	4.207988	20.0	733543.0	0.420799	Y
5	ICIS 240-524469/13	20.0	8.796723	20.0	768809.0	0.439836	Y
6	STD8260 240-524469/14	40.0	18.436905	20.0	823277.0	0.460923	Y
7	STD8260 240-524469/15	60.0	28.242737	20.0	825750.0	0.470712	Y
8	STD8260 240-524469/16	80.0	37.125032	20.0	870688.0	0.464063	Y



Calibration / Cyclohexane

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

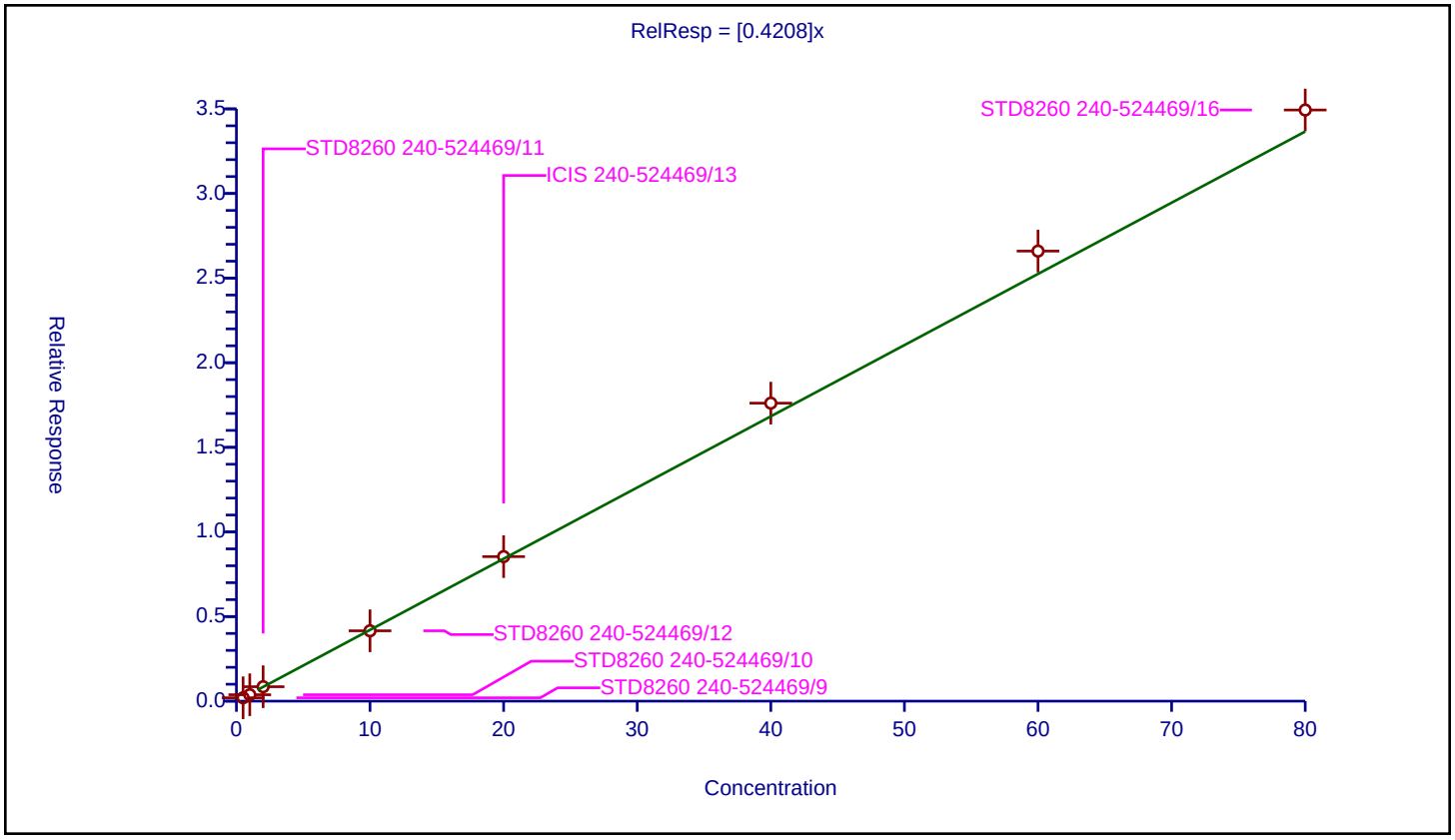
Curve Coefficients

Intercept:	0
Slope:	0.4208

Error Coefficients

Standard Error:	772000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.199709	20.0	727359.0	0.399418	Y
2	STD8260 240-524469/10	1.0	0.377856	20.0	704554.0	0.377856	Y
3	STD8260 240-524469/11	2.0	0.851904	20.0	757480.0	0.425952	Y
4	STD8260 240-524469/12	10.0	4.157493	20.0	733543.0	0.415749	Y
5	ICIS 240-524469/13	20.0	8.540717	20.0	768809.0	0.427036	Y
6	STD8260 240-524469/14	40.0	17.6105	20.0	823277.0	0.440263	Y
7	STD8260 240-524469/15	60.0	26.596573	20.0	825750.0	0.443276	Y
8	STD8260 240-524469/16	80.0	34.933593	20.0	870688.0	0.43667	Y



Calibration / 1,1-Dichloropropene

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

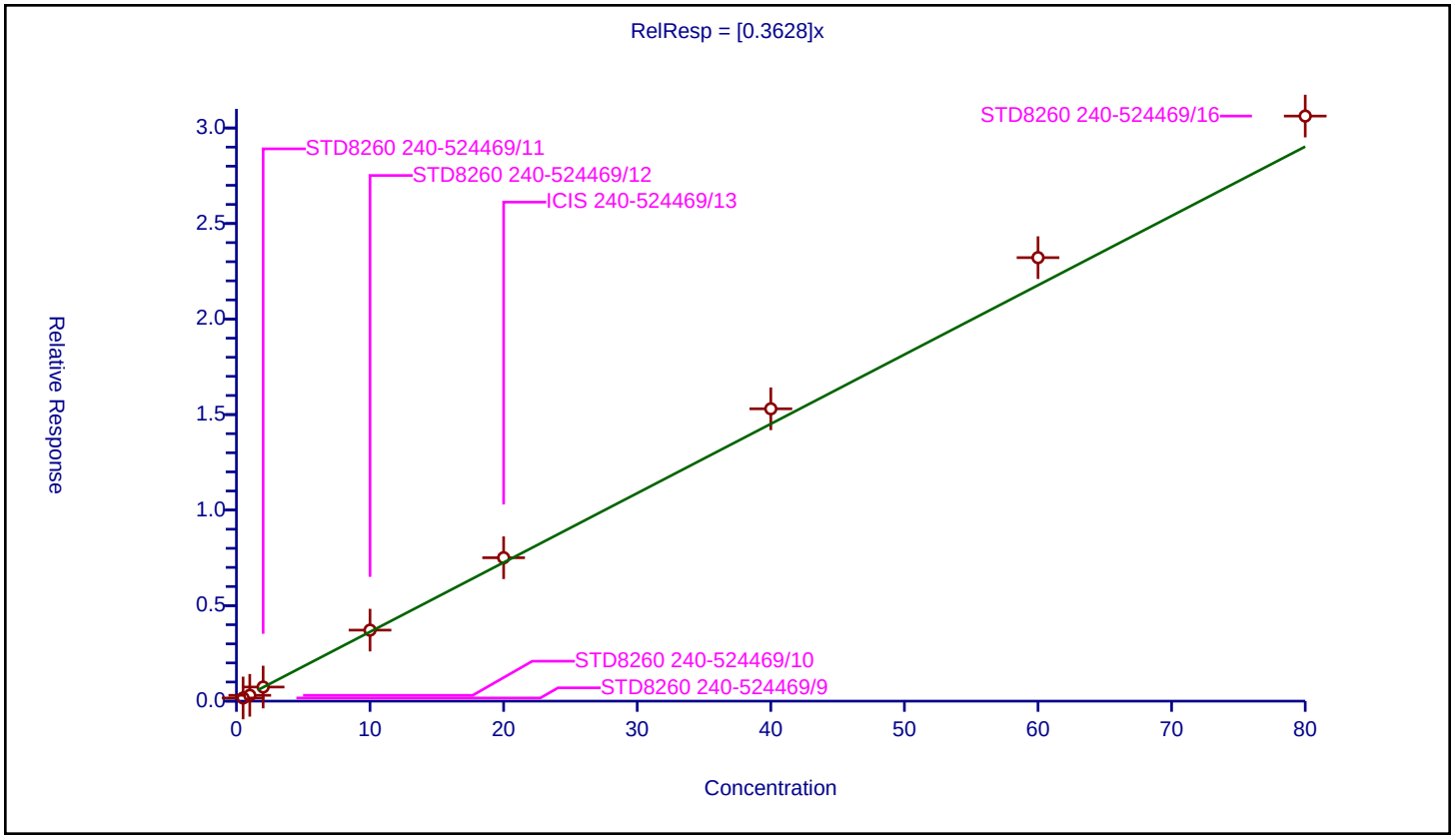
Curve Coefficients

Intercept:	0
Slope:	0.3628

Error Coefficients

Standard Error:	676000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.16509	20.0	727359.0	0.330181	Y
2	STD8260 240-524469/10	1.0	0.303994	20.0	704554.0	0.303994	Y
3	STD8260 240-524469/11	2.0	0.738396	20.0	757480.0	0.369198	Y
4	STD8260 240-524469/12	10.0	3.716974	20.0	733543.0	0.371697	Y
5	ICIS 240-524469/13	20.0	7.506338	20.0	768809.0	0.375317	Y
6	STD8260 240-524469/14	40.0	15.301751	20.0	823277.0	0.382544	Y
7	STD8260 240-524469/15	60.0	23.214096	20.0	825750.0	0.386902	Y
8	STD8260 240-524469/16	80.0	30.624495	20.0	870688.0	0.382806	Y



Calibration / Isobutyl alcohol

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

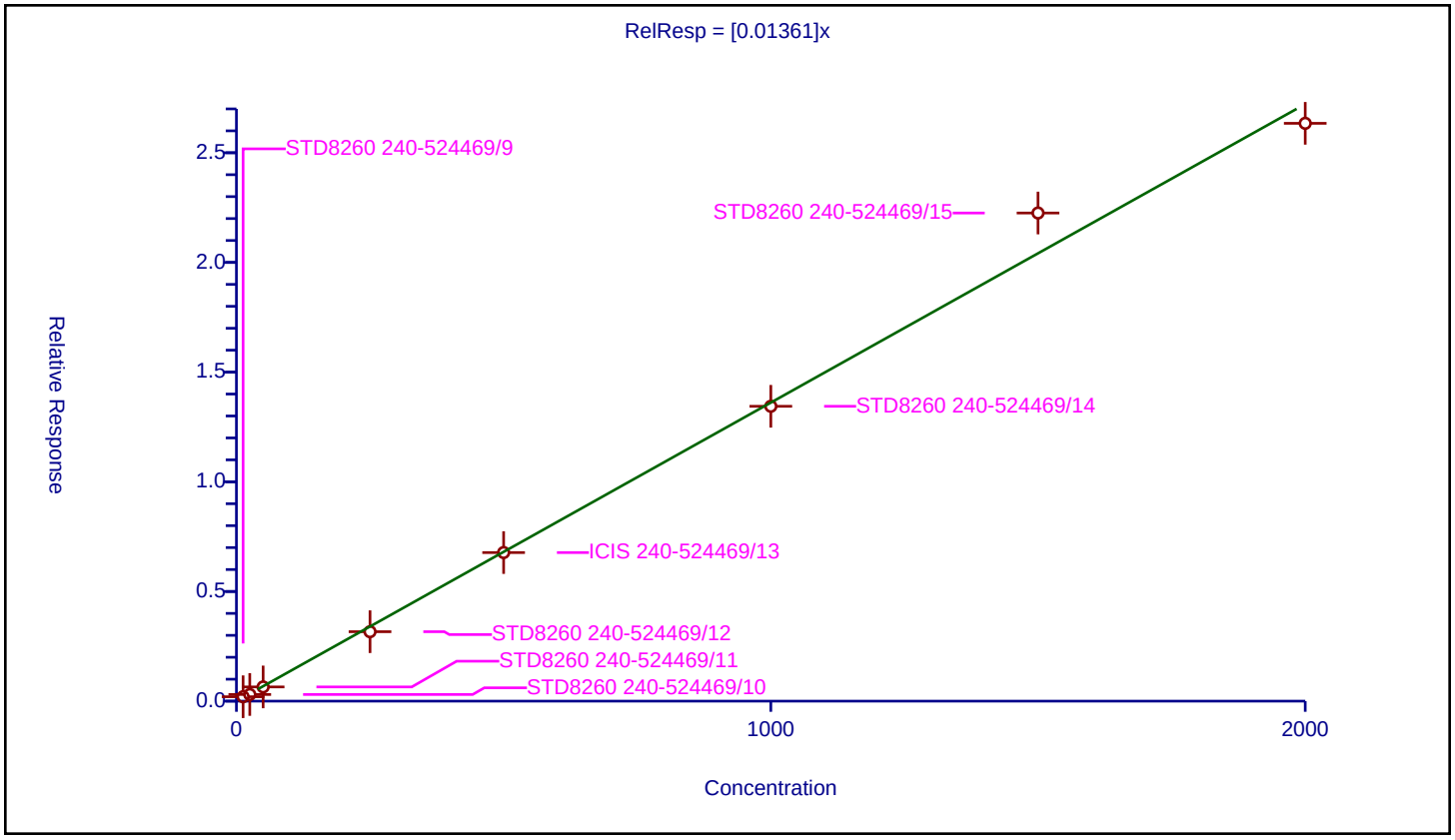
Curve Coefficients

Intercept:	0
Slope:	0.01361

Error Coefficients

Standard Error:	603000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	12.5	0.201414	20.0	727359.0	0.016113	Y
2	STD8260 240-524469/10	25.0	0.30354	20.0	704554.0	0.012142	Y
3	STD8260 240-524469/11	50.0	0.648123	20.0	757480.0	0.012962	Y
4	STD8260 240-524469/12	250.0	3.165786	20.0	733543.0	0.012663	Y
5	ICIS 240-524469/13	500.0	6.772996	20.0	768809.0	0.013546	Y
6	STD8260 240-524469/14	1000.0	13.442523	20.0	823277.0	0.013443	Y
7	STD8260 240-524469/15	1500.0	22.25366	20.0	825750.0	0.014836	Y
8	STD8260 240-524469/16	2000.0	26.341606	20.0	870688.0	0.013171	Y



Calibration / Carbon tetrachloride

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

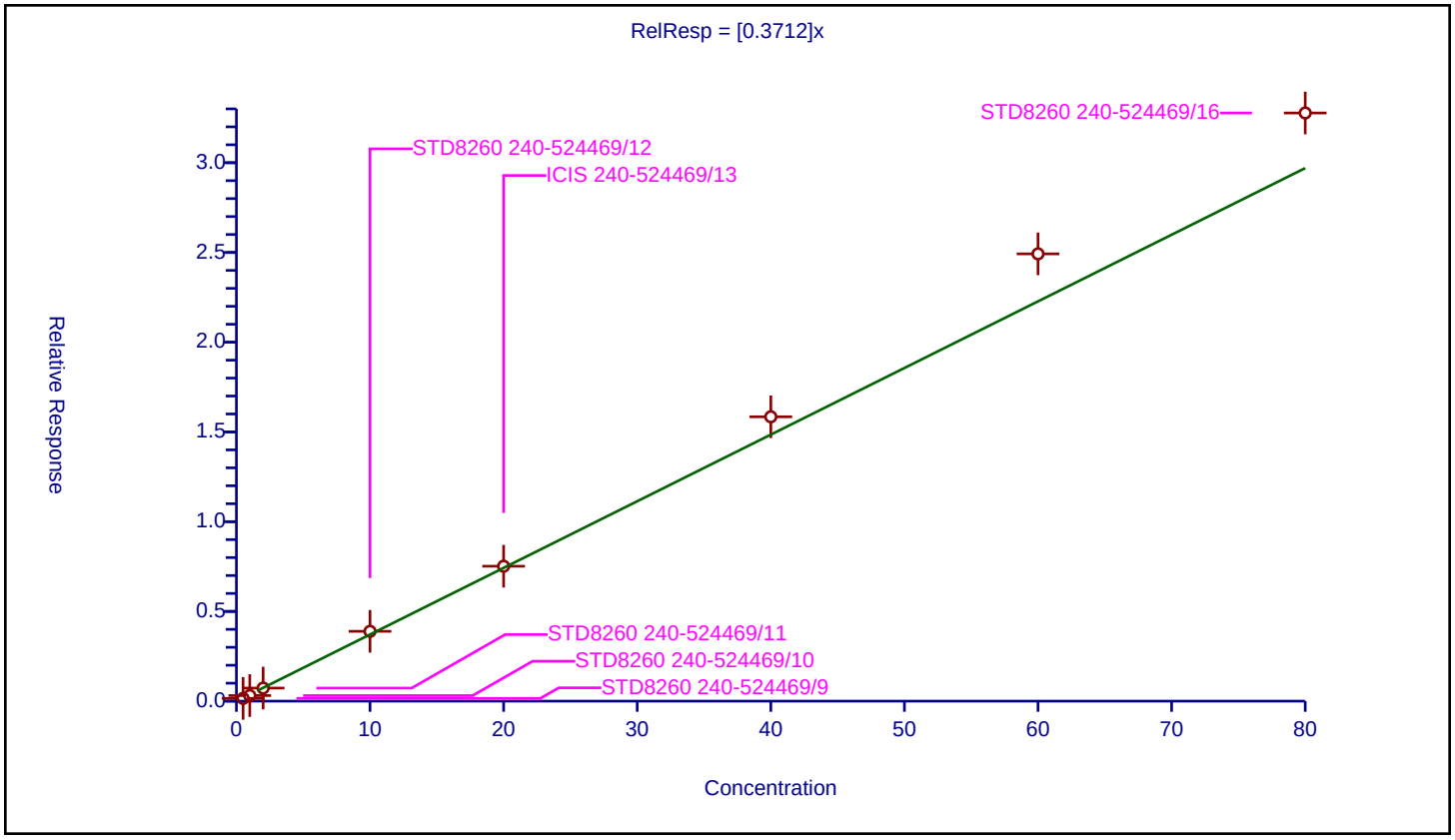
Curve Coefficients

Intercept:	0
Slope:	0.3712

Error Coefficients

Standard Error:	720000
Relative Standard Error:	11.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.154009	20.0	727359.0	0.308018	Y
2	STD8260 240-524469/10	1.0	0.311601	20.0	704554.0	0.311601	Y
3	STD8260 240-524469/11	2.0	0.728547	20.0	757480.0	0.364274	Y
4	STD8260 240-524469/12	10.0	3.890542	20.0	733543.0	0.389054	Y
5	ICIS 240-524469/13	20.0	7.516743	20.0	768809.0	0.375837	Y
6	STD8260 240-524469/14	40.0	15.844461	20.0	823277.0	0.396112	Y
7	STD8260 240-524469/15	60.0	24.922386	20.0	825750.0	0.415373	Y
8	STD8260 240-524469/16	80.0	32.771211	20.0	870688.0	0.40964	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

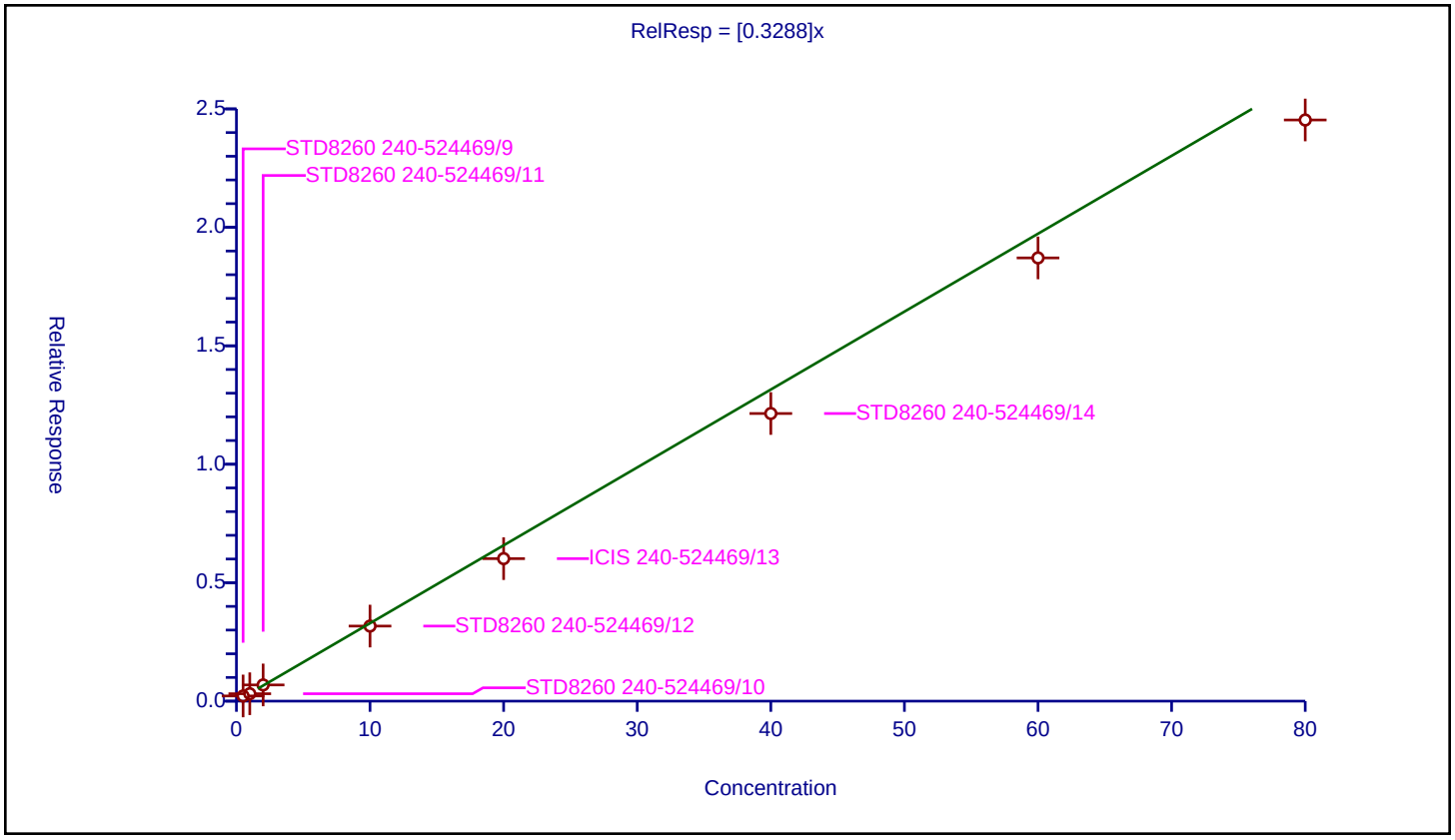
Curve Coefficients

Intercept:	0
Slope:	0.3288

Error Coefficients

Standard Error:	542000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.218104	20.0	727359.0	0.436208	Y
2	STD8260 240-524469/10	1.0	0.312623	20.0	704554.0	0.312623	Y
3	STD8260 240-524469/11	2.0	0.684586	20.0	757480.0	0.342293	Y
4	STD8260 240-524469/12	10.0	3.168785	20.0	733543.0	0.316878	Y
5	ICIS 240-524469/13	20.0	6.0152	20.0	768809.0	0.30076	Y
6	STD8260 240-524469/14	40.0	12.141843	20.0	823277.0	0.303546	Y
7	STD8260 240-524469/15	60.0	18.709731	20.0	825750.0	0.311829	Y
8	STD8260 240-524469/16	80.0	24.531727	20.0	870688.0	0.306647	Y



Calibration / Benzene

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

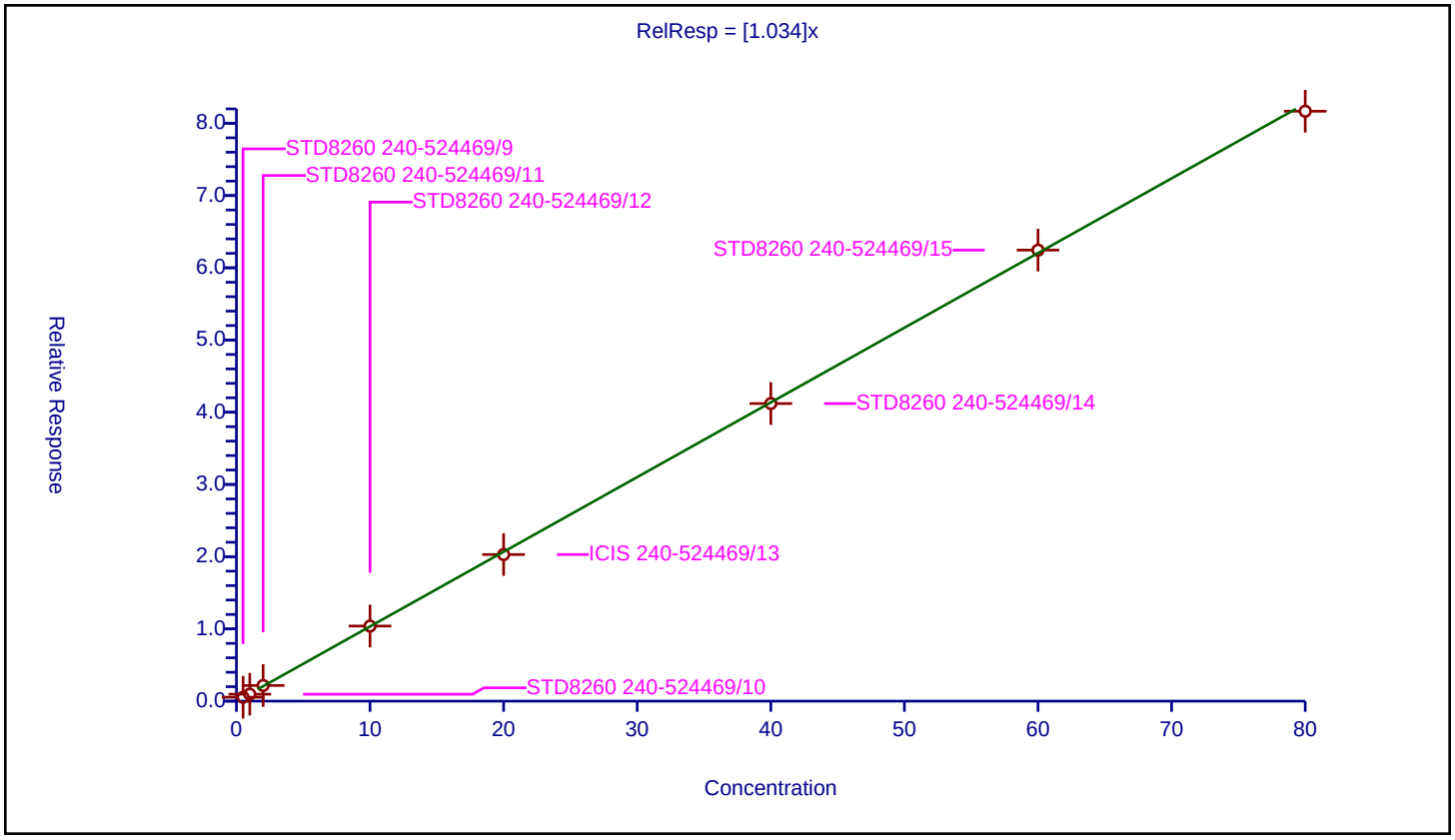
Curve Coefficients

Intercept:	0
Slope:	1.034

Error Coefficients

Standard Error:	1810000
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	STD8260 240-524469/9	0.5	0.540338	20.0	727359.0	1.080677	Y
2	STD8260 240-524469/10	1.0	0.960636	20.0	704554.0	0.960636	Y
3	STD8260 240-524469/11	2.0	2.167424	20.0	757480.0	1.083712	Y
4	STD8260 240-524469/12	10.0	10.398218	20.0	733543.0	1.039822	Y
5	ICIS 240-524469/13	20.0	20.296849	20.0	768809.0	1.014842	Y
6	STD8260 240-524469/14	40.0	41.204868	20.0	823277.0	1.030122	Y
7	STD8260 240-524469/15	60.0	62.449967	20.0	825750.0	1.040833	Y
8	STD8260 240-524469/16	80.0	81.677202	20.0	870688.0	1.020965	Y



Calibration / 1,2-Dichloroethane

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

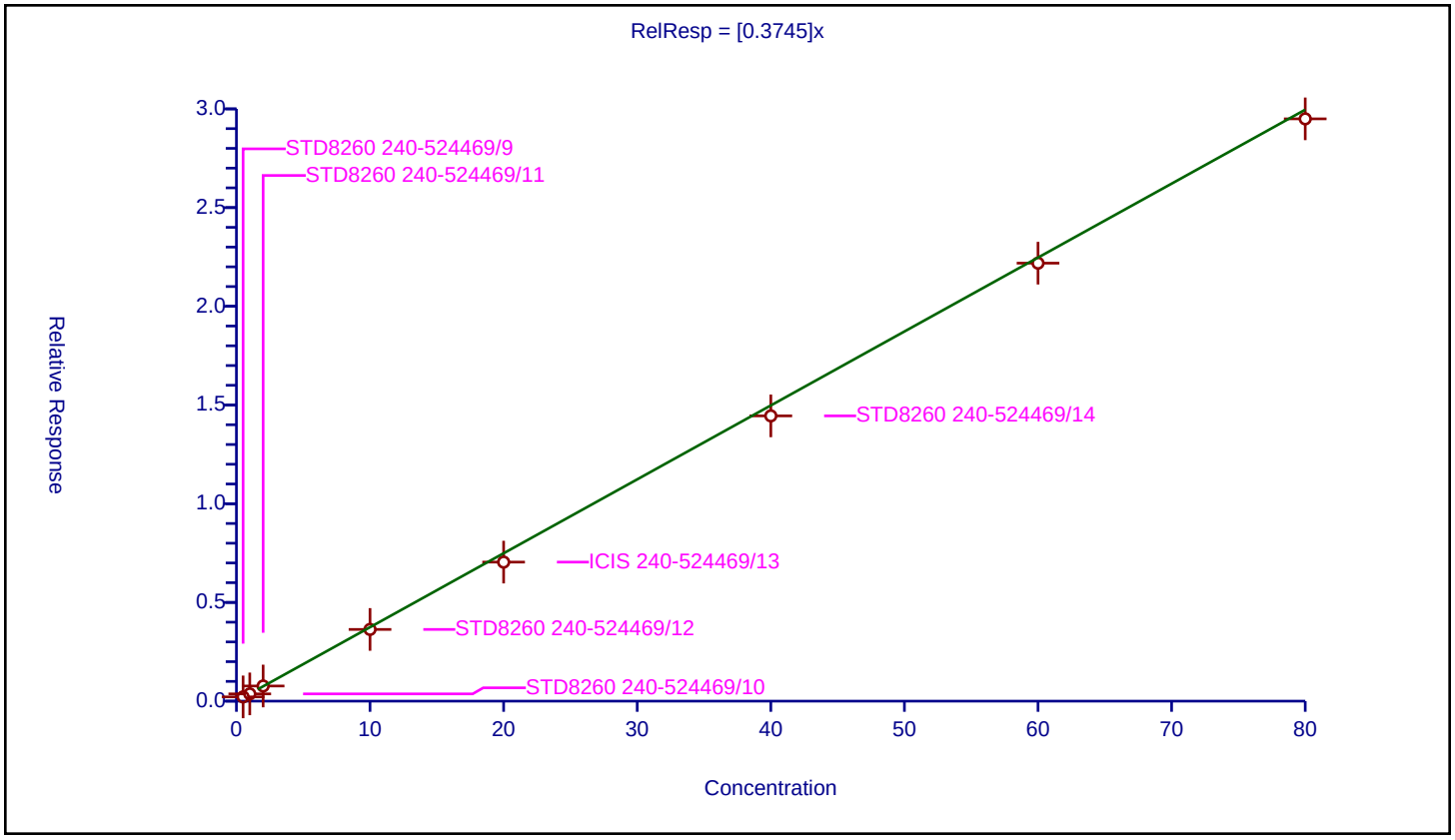
Curve Coefficients

Intercept:	0
Slope:	0.3745

Error Coefficients

Standard Error:	647000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.21464	20.0	727359.0	0.429279	Y
2	STD8260 240-524469/10	1.0	0.367807	20.0	704554.0	0.367807	Y
3	STD8260 240-524469/11	2.0	0.767096	20.0	757480.0	0.383548	Y
4	STD8260 240-524469/12	10.0	3.632916	20.0	733543.0	0.363292	Y
5	ICIS 240-524469/13	20.0	7.042764	20.0	768809.0	0.352138	Y
6	STD8260 240-524469/14	40.0	14.450349	20.0	823277.0	0.361259	Y
7	STD8260 240-524469/15	60.0	22.185456	20.0	825750.0	0.369758	Y
8	STD8260 240-524469/16	80.0	29.495502	20.0	870688.0	0.368694	Y



Calibration / n-Heptane

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

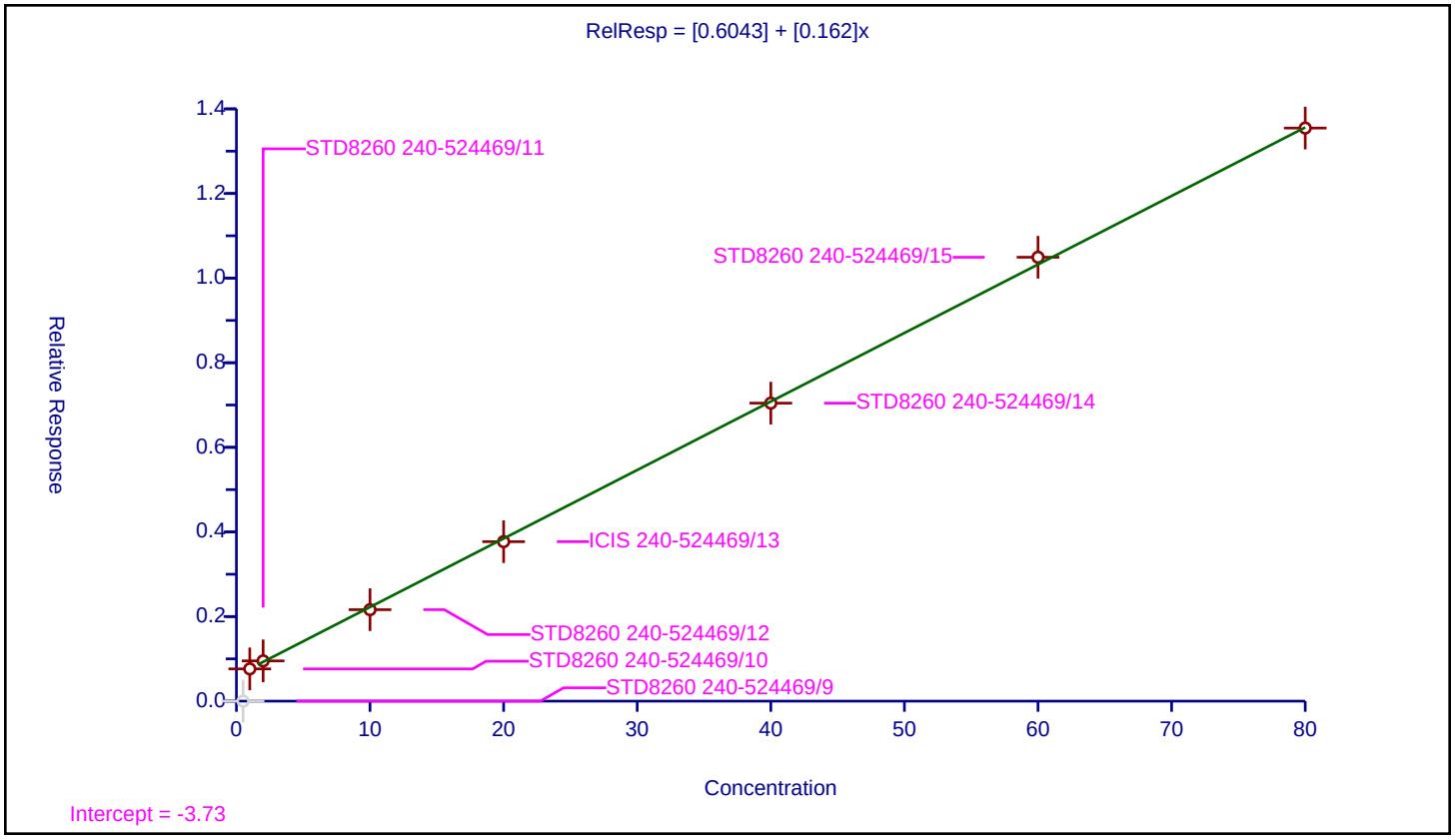
Curve Coefficients

Intercept:	0.6043
Slope:	0.162

Error Coefficients

Standard Error:	360000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	1.0	0.762979	20.0	704554.0	0.762979	Y
3	STD8260 240-524469/11	2.0	0.951444	20.0	757480.0	0.475722	Y
4	STD8260 240-524469/12	10.0	2.161809	20.0	733543.0	0.216181	Y
5	ICIS 240-524469/13	20.0	3.769857	20.0	768809.0	0.188493	Y
6	STD8260 240-524469/14	40.0	7.044458	20.0	823277.0	0.176111	Y
7	STD8260 240-524469/15	60.0	10.492861	20.0	825750.0	0.174881	Y
8	STD8260 240-524469/16	80.0	13.546781	20.0	870688.0	0.169335	Y



Calibration / Trichloroethene

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

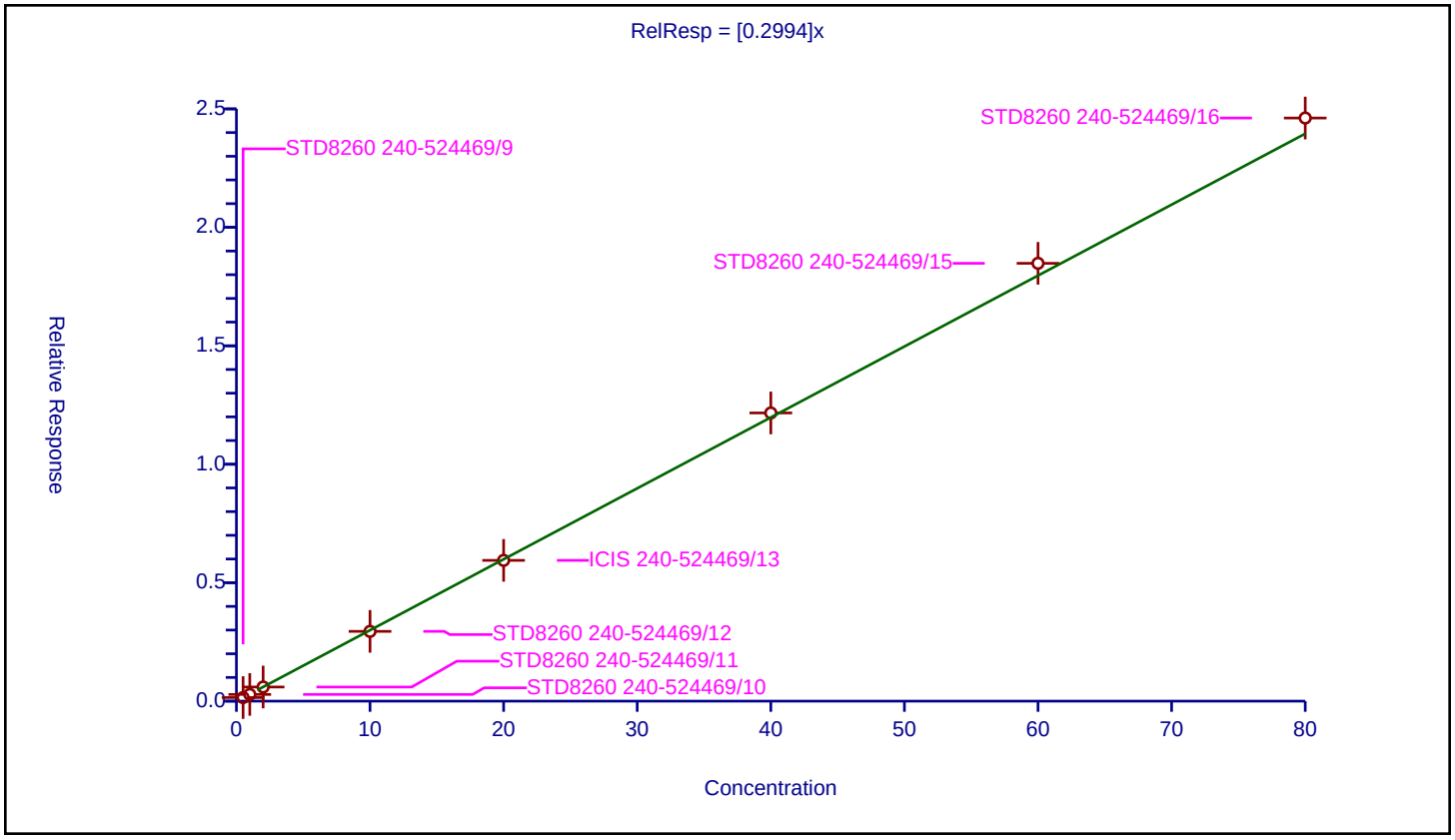
Curve Coefficients

Intercept:	0
Slope:	0.2994

Error Coefficients

Standard Error:	541000
Relative Standard Error:	2.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.151315	20.0	727359.0	0.302629	Y
2	STD8260 240-524469/10	1.0	0.28276	20.0	704554.0	0.28276	Y
3	STD8260 240-524469/11	2.0	0.596847	20.0	757480.0	0.298424	Y
4	STD8260 240-524469/12	10.0	2.944558	20.0	733543.0	0.294456	Y
5	ICIS 240-524469/13	20.0	5.941918	20.0	768809.0	0.297096	Y
6	STD8260 240-524469/14	40.0	12.165262	20.0	823277.0	0.304132	Y
7	STD8260 240-524469/15	60.0	18.481792	20.0	825750.0	0.30803	Y
8	STD8260 240-524469/16	80.0	24.614718	20.0	870688.0	0.307684	Y



Calibration / 1,2-Dichloropropane

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

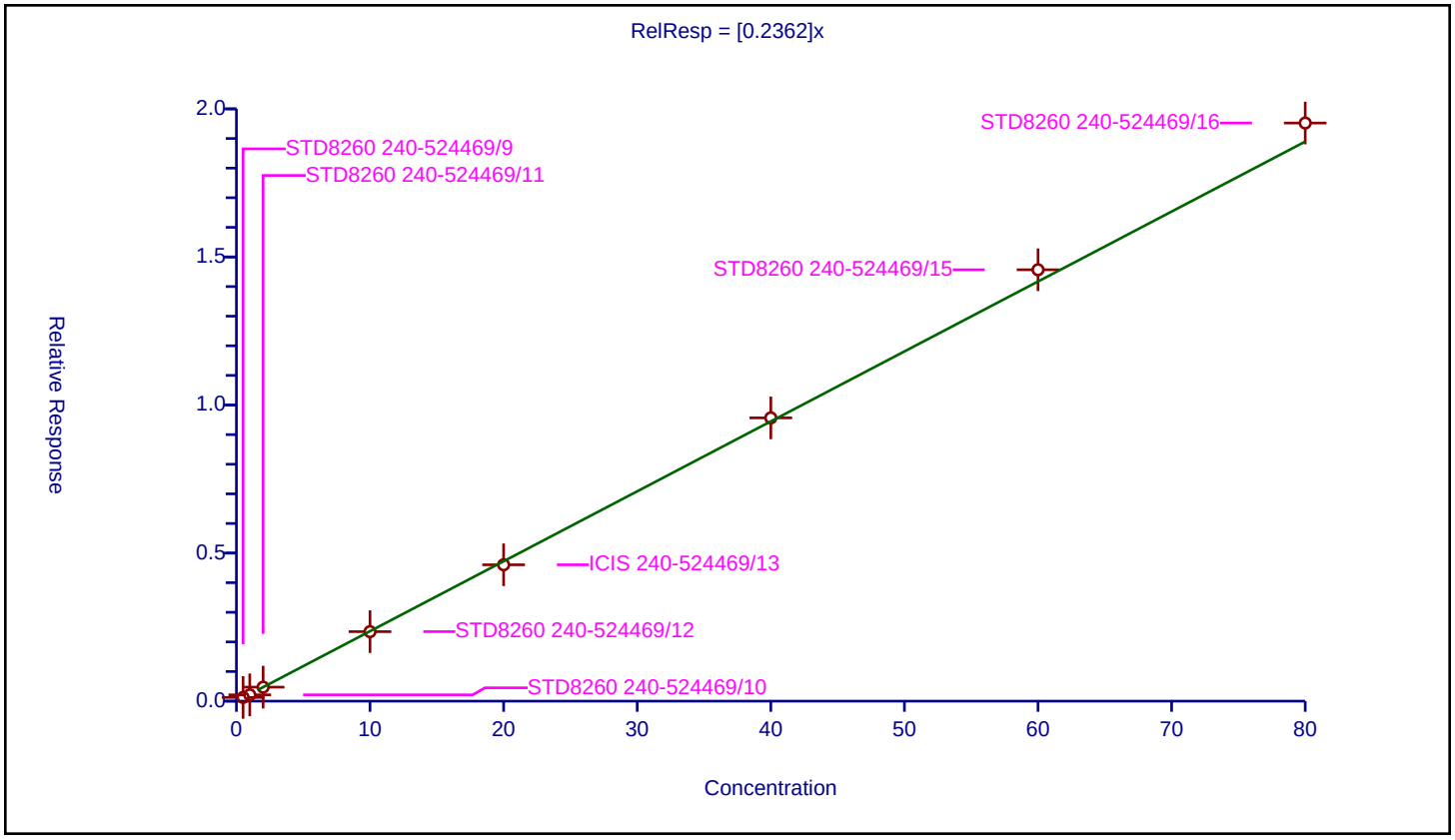
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Standard Error:	427000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.124918	20.0	727359.0	0.249835	Y
2	STD8260 240-524469/10	1.0	0.212446	20.0	704554.0	0.212446	Y
3	STD8260 240-524469/11	2.0	0.472514	20.0	757480.0	0.236257	Y
4	STD8260 240-524469/12	10.0	2.347074	20.0	733543.0	0.234707	Y
5	ICIS 240-524469/13	20.0	4.604551	20.0	768809.0	0.230228	Y
6	STD8260 240-524469/14	40.0	9.565553	20.0	823277.0	0.239139	Y
7	STD8260 240-524469/15	60.0	14.567484	20.0	825750.0	0.242791	Y
8	STD8260 240-524469/16	80.0	19.522607	20.0	870688.0	0.244033	Y



Calibration / Methylcyclohexane

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

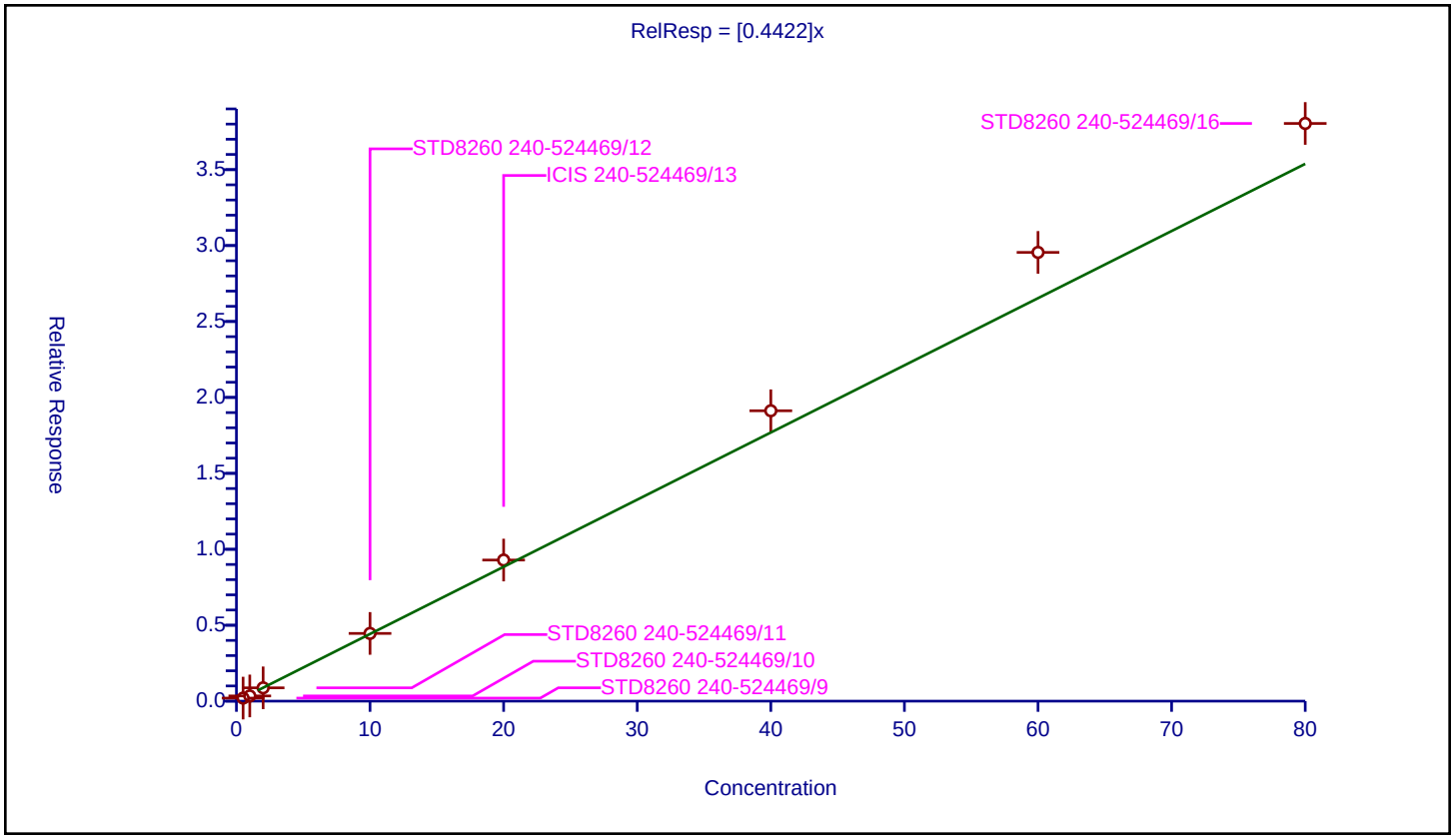
Curve Coefficients

Intercept:	0
Slope:	0.4422

Error Coefficients

Standard Error:	846000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.199984	20.0	727359.0	0.399968	Y
2	STD8260 240-524469/10	1.0	0.343281	20.0	704554.0	0.343281	Y
3	STD8260 240-524469/11	2.0	0.8763	20.0	757480.0	0.43815	Y
4	STD8260 240-524469/12	10.0	4.459589	20.0	733543.0	0.445959	Y
5	ICIS 240-524469/13	20.0	9.29128	20.0	768809.0	0.464564	Y
6	STD8260 240-524469/14	40.0	19.122288	20.0	823277.0	0.478057	Y
7	STD8260 240-524469/15	60.0	29.549282	20.0	825750.0	0.492488	Y
8	STD8260 240-524469/16	80.0	38.039941	20.0	870688.0	0.475499	Y



Calibration / 1,4-Dioxane

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

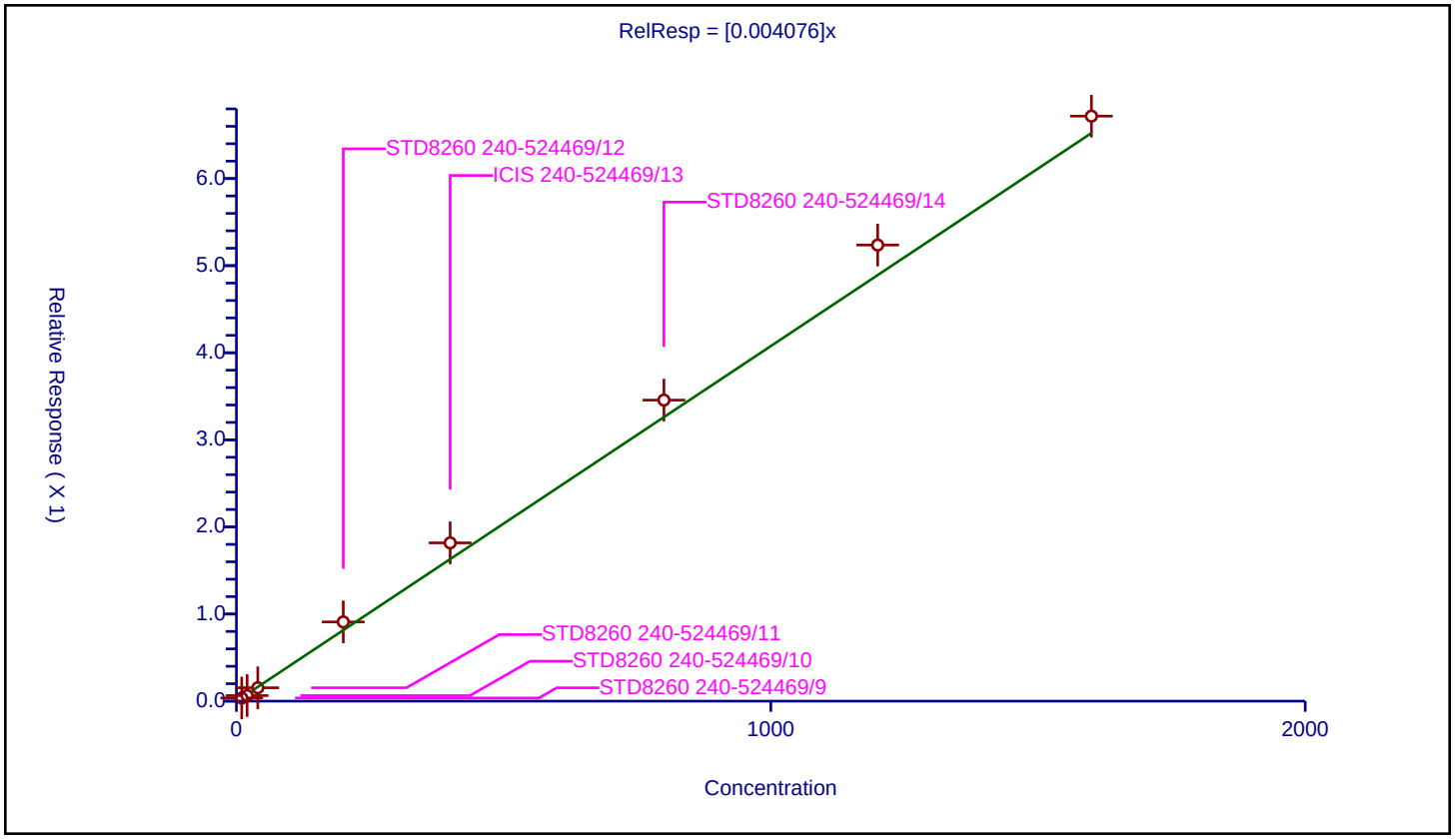
Curve Coefficients

Intercept:	0
Slope:	0.004076

Error Coefficients

Standard Error:	150000
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	STD8260 240-524469/9	10.0	0.036186	20.0	727359.0	0.003619	Y
2	STD8260 240-524469/10	20.0	0.063728	20.0	704554.0	0.003186	Y
3	STD8260 240-524469/11	40.0	0.153298	20.0	757480.0	0.003832	Y
4	STD8260 240-524469/12	200.0	0.90964	20.0	733543.0	0.004548	Y
5	ICIS 240-524469/13	400.0	1.817382	20.0	768809.0	0.004543	Y
6	STD8260 240-524469/14	800.0	3.456261	20.0	823277.0	0.00432	Y
7	STD8260 240-524469/15	1200.0	5.236718	20.0	825750.0	0.004364	Y
8	STD8260 240-524469/16	1600.0	6.716711	20.0	870688.0	0.004198	Y



Calibration / Dibromomethane

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

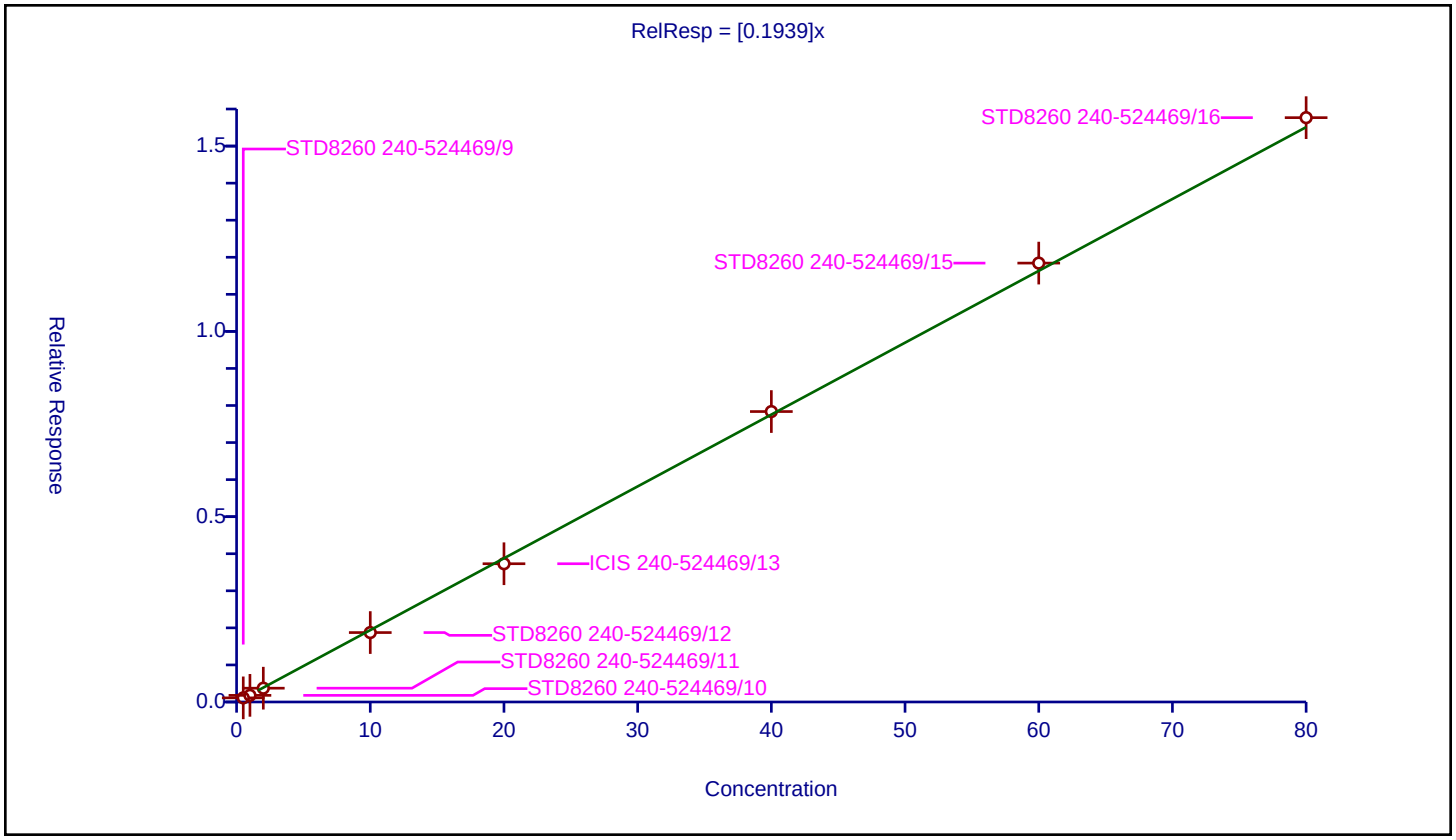
Curve Coefficients

Intercept:	0
Slope:	0.1939

Error Coefficients

Standard Error:	346000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.110949	20.0	727359.0	0.221899	Y
2	STD8260 240-524469/10	1.0	0.178666	20.0	704554.0	0.178666	Y
3	STD8260 240-524469/11	2.0	0.372551	20.0	757480.0	0.186276	Y
4	STD8260 240-524469/12	10.0	1.873264	20.0	733543.0	0.187326	Y
5	ICIS 240-524469/13	20.0	3.730654	20.0	768809.0	0.186533	Y
6	STD8260 240-524469/14	40.0	7.836512	20.0	823277.0	0.195913	Y
7	STD8260 240-524469/15	60.0	11.842204	20.0	825750.0	0.19737	Y
8	STD8260 240-524469/16	80.0	15.766796	20.0	870688.0	0.197085	Y



Calibration / Dichlorobromomethane

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

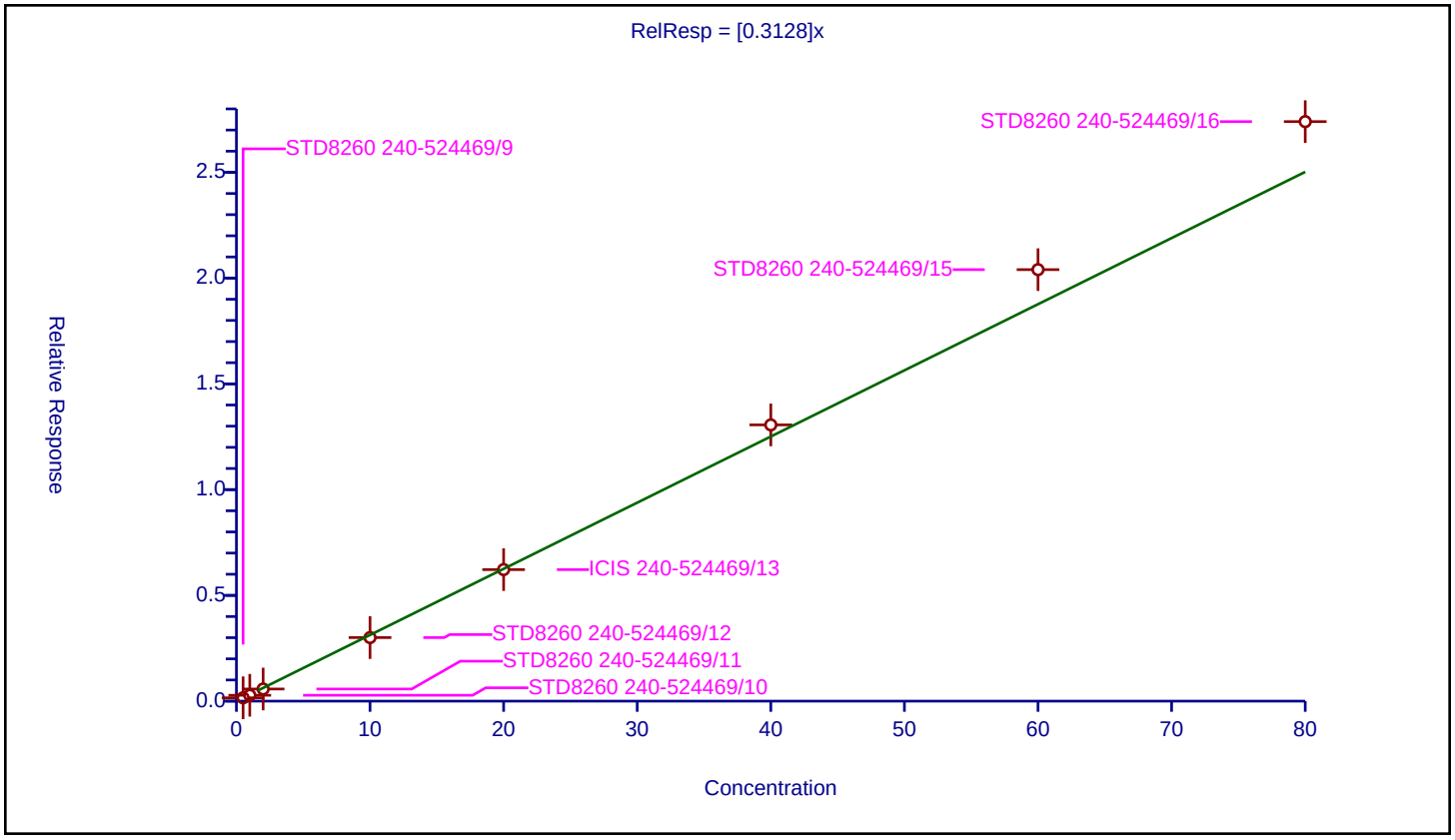
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Standard Error:	597000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.158601	20.0	727359.0	0.317202	Y
2	STD8260 240-524469/10	1.0	0.277679	20.0	704554.0	0.277679	Y
3	STD8260 240-524469/11	2.0	0.573586	20.0	757480.0	0.286793	Y
4	STD8260 240-524469/12	10.0	3.004541	20.0	733543.0	0.300454	Y
5	ICIS 240-524469/13	20.0	6.2191	20.0	768809.0	0.310955	Y
6	STD8260 240-524469/14	40.0	13.060926	20.0	823277.0	0.326523	Y
7	STD8260 240-524469/15	60.0	20.400896	20.0	825750.0	0.340015	Y
8	STD8260 240-524469/16	80.0	27.398356	20.0	870688.0	0.342479	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

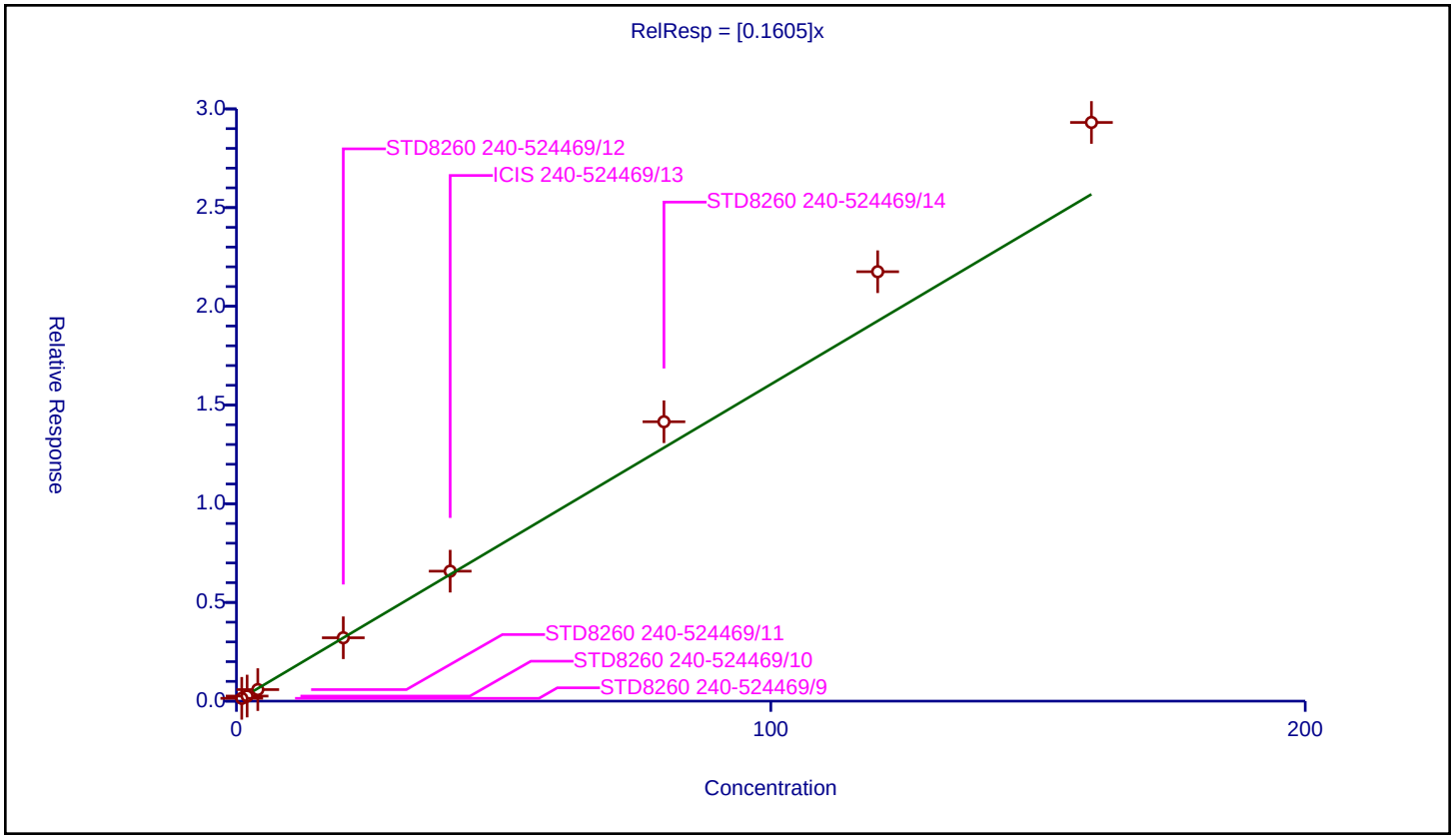
Curve Coefficients

Intercept:	0
Slope:	0.1605

Error Coefficients

Standard Error:	638000
Relative Standard Error:	12.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.142543	20.0	727359.0	0.142543	Y
2	STD8260 240-524469/10	2.0	0.257354	20.0	704554.0	0.128677	Y
3	STD8260 240-524469/11	4.0	0.584438	20.0	757480.0	0.146109	Y
4	STD8260 240-524469/12	20.0	3.210337	20.0	733543.0	0.160517	Y
5	ICIS 240-524469/13	40.0	6.583352	20.0	768809.0	0.164584	Y
6	STD8260 240-524469/14	80.0	14.153317	20.0	823277.0	0.176916	Y
7	STD8260 240-524469/15	120.0	21.752395	20.0	825750.0	0.18127	Y
8	STD8260 240-524469/16	160.0	29.312957	20.0	870688.0	0.183206	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

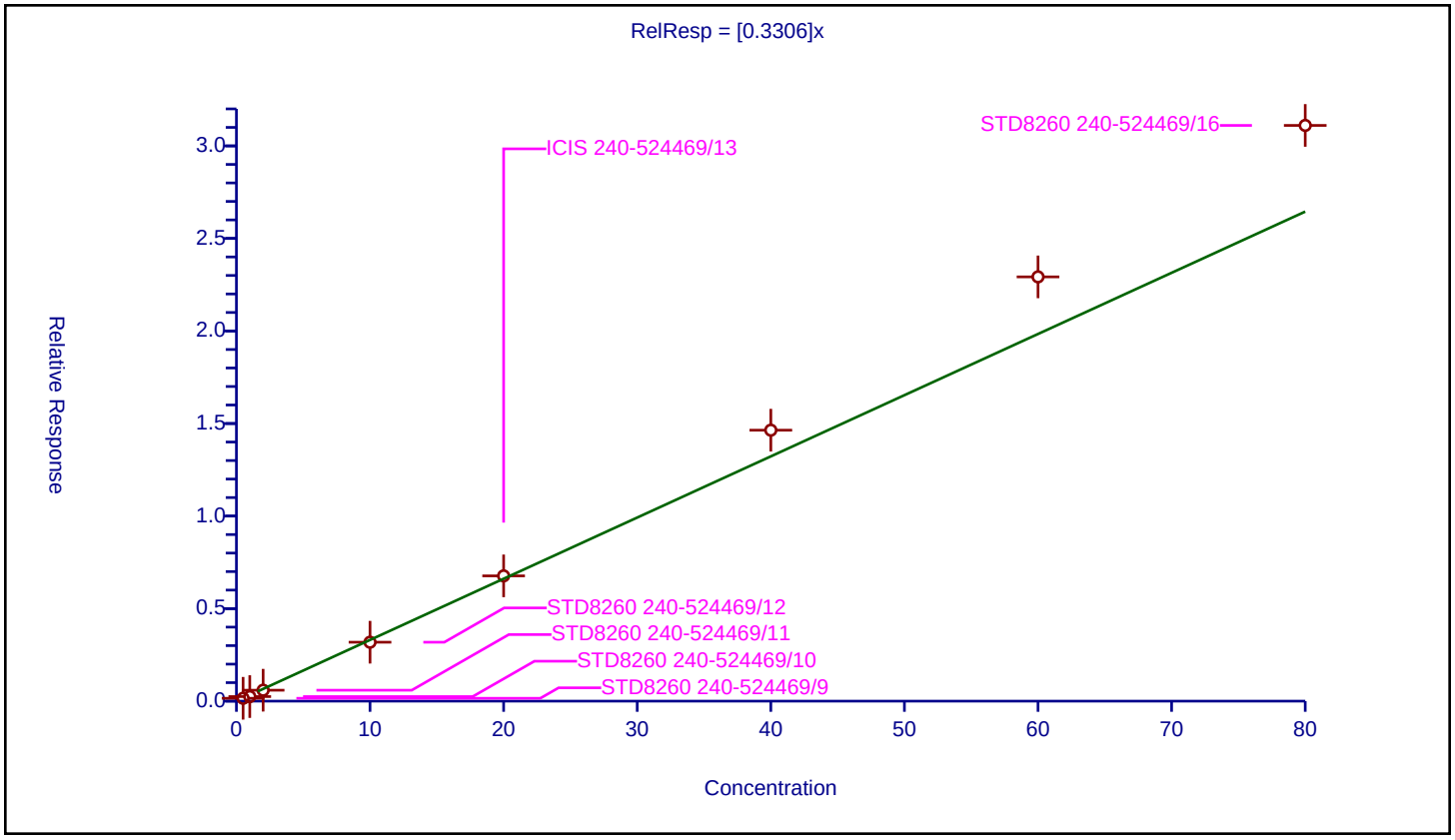
Curve Coefficients

Intercept:	0
Slope:	0.3306

Error Coefficients

Standard Error:	673000
Relative Standard Error:	14.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.154587	20.0	727359.0	0.309173	Y
2	STD8260 240-524469/10	1.0	0.247022	20.0	704554.0	0.247022	Y
3	STD8260 240-524469/11	2.0	0.590194	20.0	757480.0	0.295097	Y
4	STD8260 240-524469/12	10.0	3.183753	20.0	733543.0	0.318375	Y
5	ICIS 240-524469/13	20.0	6.768339	20.0	768809.0	0.338417	Y
6	STD8260 240-524469/14	40.0	14.641075	20.0	823277.0	0.366027	Y
7	STD8260 240-524469/15	60.0	22.924299	20.0	825750.0	0.382072	Y
8	STD8260 240-524469/16	80.0	31.106481	20.0	870688.0	0.388831	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

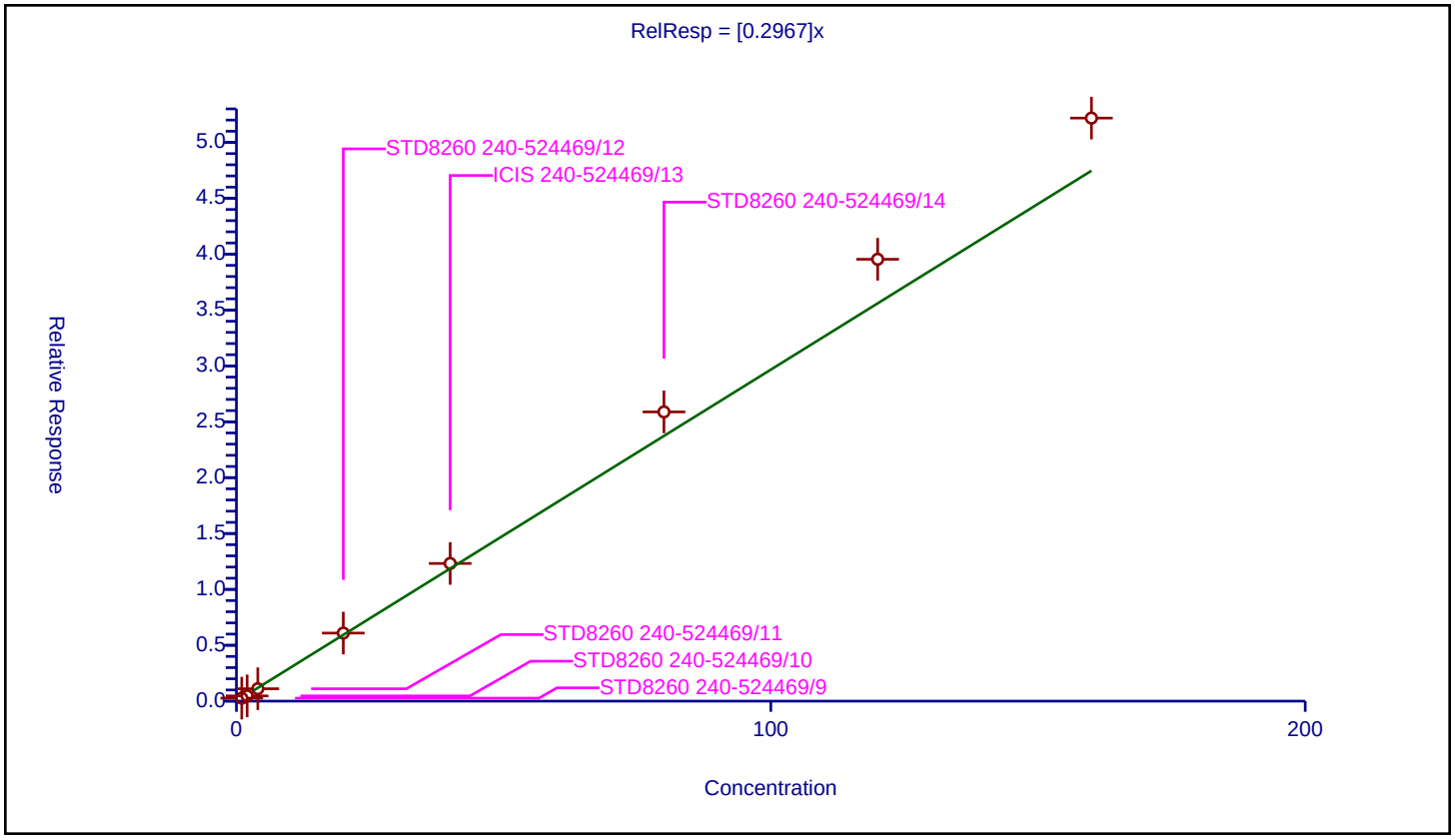
Curve Coefficients

Intercept:	0
Slope:	0.2967

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	11.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.269248	20.0	727359.0	0.269248	Y
2	STD8260 240-524469/10	2.0	0.469432	20.0	704554.0	0.234716	Y
3	STD8260 240-524469/11	4.0	1.11034	20.0	757480.0	0.277585	Y
4	STD8260 240-524469/12	20.0	6.089895	20.0	733543.0	0.304495	Y
5	ICIS 240-524469/13	40.0	12.320589	20.0	768809.0	0.308015	Y
6	STD8260 240-524469/14	80.0	25.883099	20.0	823277.0	0.323539	Y
7	STD8260 240-524469/15	120.0	39.5433	20.0	825750.0	0.329528	Y
8	STD8260 240-524469/16	160.0	52.177198	20.0	870688.0	0.326107	Y



Calibration / Toluene-d8 (Surr)

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

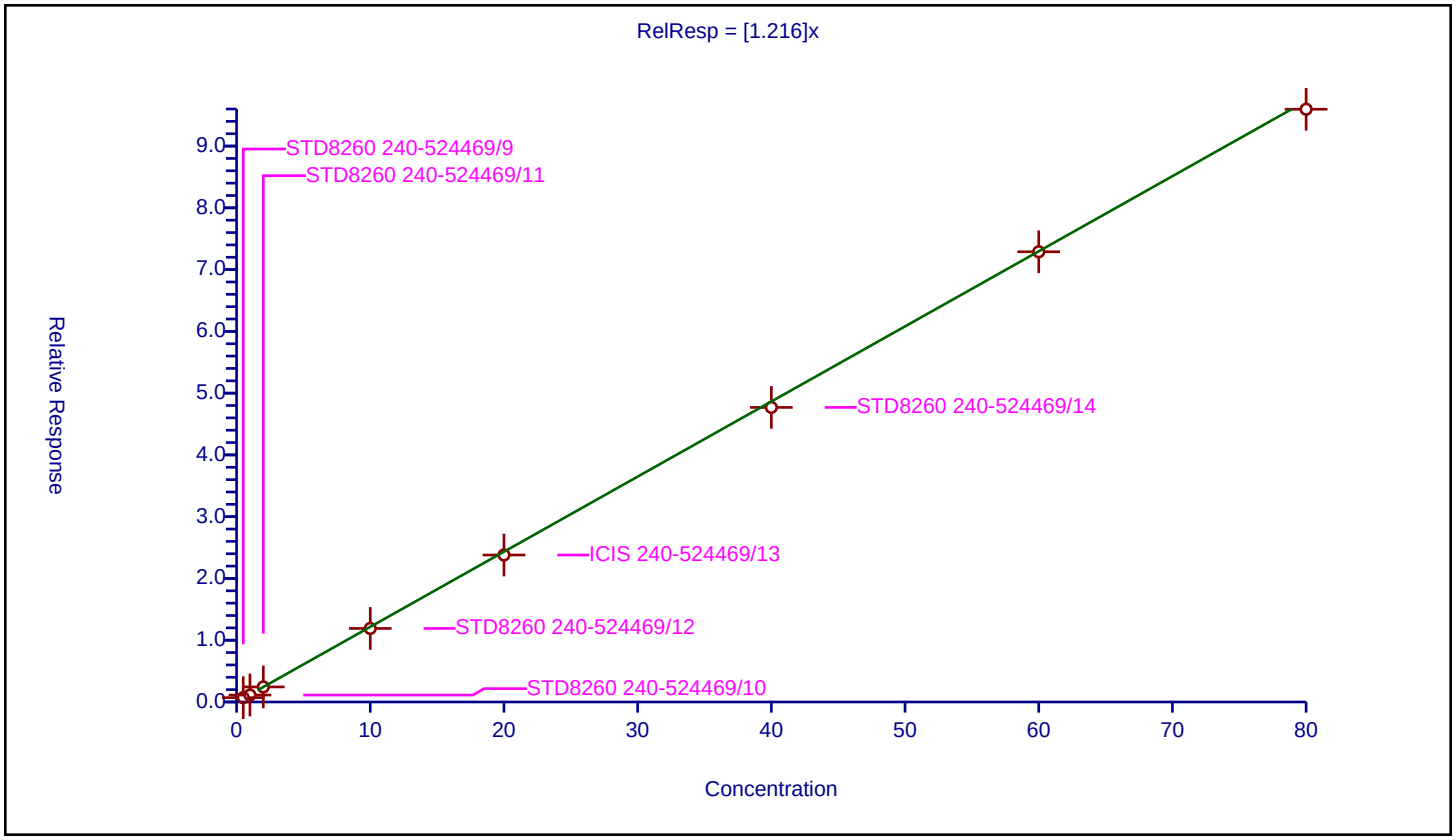
Curve Coefficients

Intercept:	0
Slope:	1.216

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.699978	20.0	584704.0	1.399956	Y
2	STD8260 240-524469/10	1.0	1.122869	20.0	549022.0	1.122869	Y
3	STD8260 240-524469/11	2.0	2.438213	20.0	596732.0	1.219107	Y
4	STD8260 240-524469/12	10.0	11.905825	20.0	587630.0	1.190583	Y
5	ICIS 240-524469/13	20.0	23.794627	20.0	611064.0	1.189731	Y
6	STD8260 240-524469/14	40.0	47.690466	20.0	663926.0	1.192262	Y
7	STD8260 240-524469/15	60.0	72.891594	20.0	658322.0	1.21486	Y
8	STD8260 240-524469/16	80.0	95.962971	20.0	700099.0	1.199537	Y



Calibration / Toluene

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

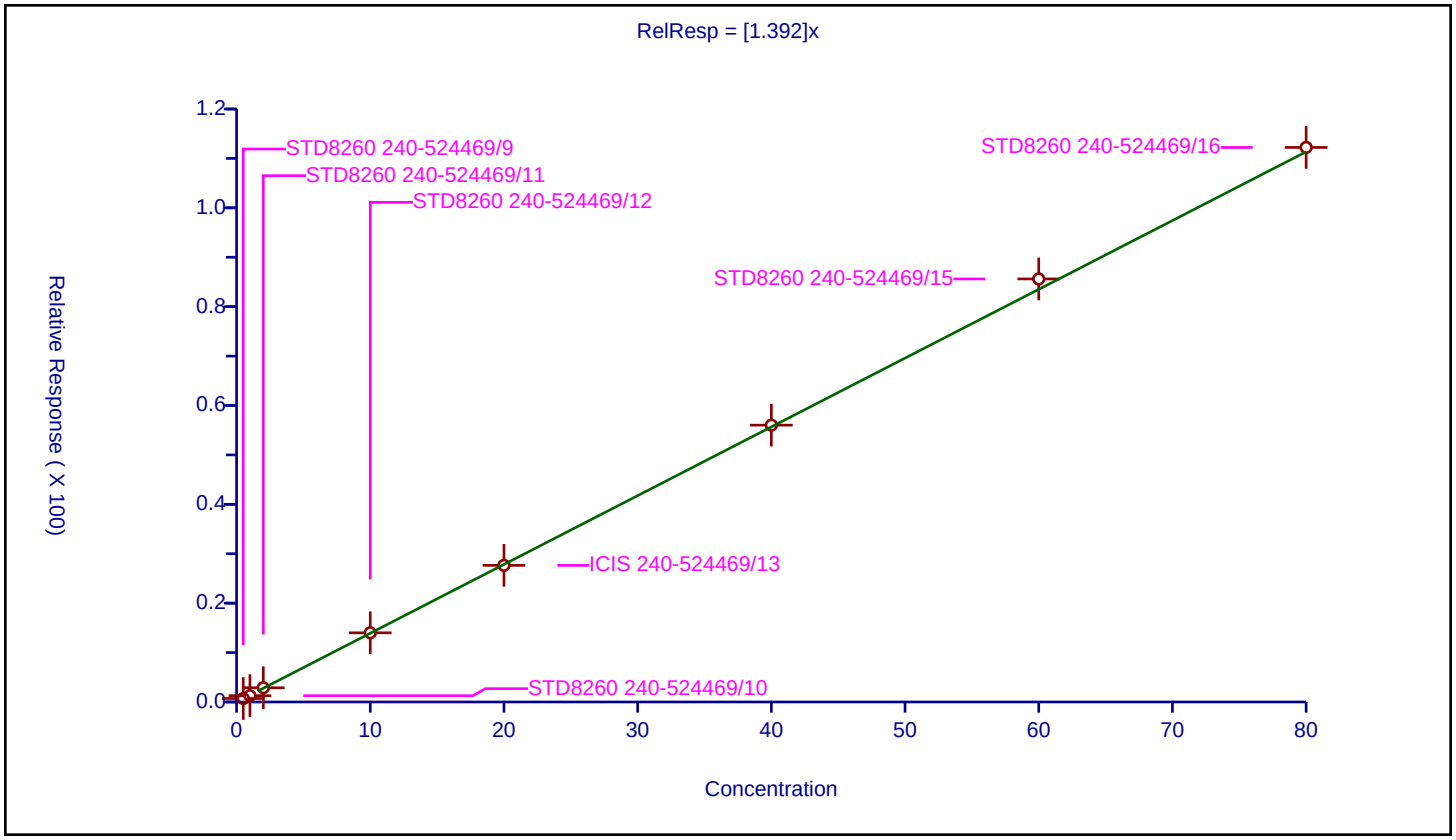
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.706135	20.0	584704.0	1.41227	Y
2	STD8260 240-524469/10	1.0	1.269129	20.0	549022.0	1.269129	Y
3	STD8260 240-524469/11	2.0	2.880556	20.0	596732.0	1.440278	Y
4	STD8260 240-524469/12	10.0	14.000034	20.0	587630.0	1.400003	Y
5	ICIS 240-524469/13	20.0	27.647382	20.0	611064.0	1.382369	Y
6	STD8260 240-524469/14	40.0	56.024105	20.0	663926.0	1.400603	Y
7	STD8260 240-524469/15	60.0	85.614699	20.0	658322.0	1.426912	Y
8	STD8260 240-524469/16	80.0	112.222529	20.0	700099.0	1.402782	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

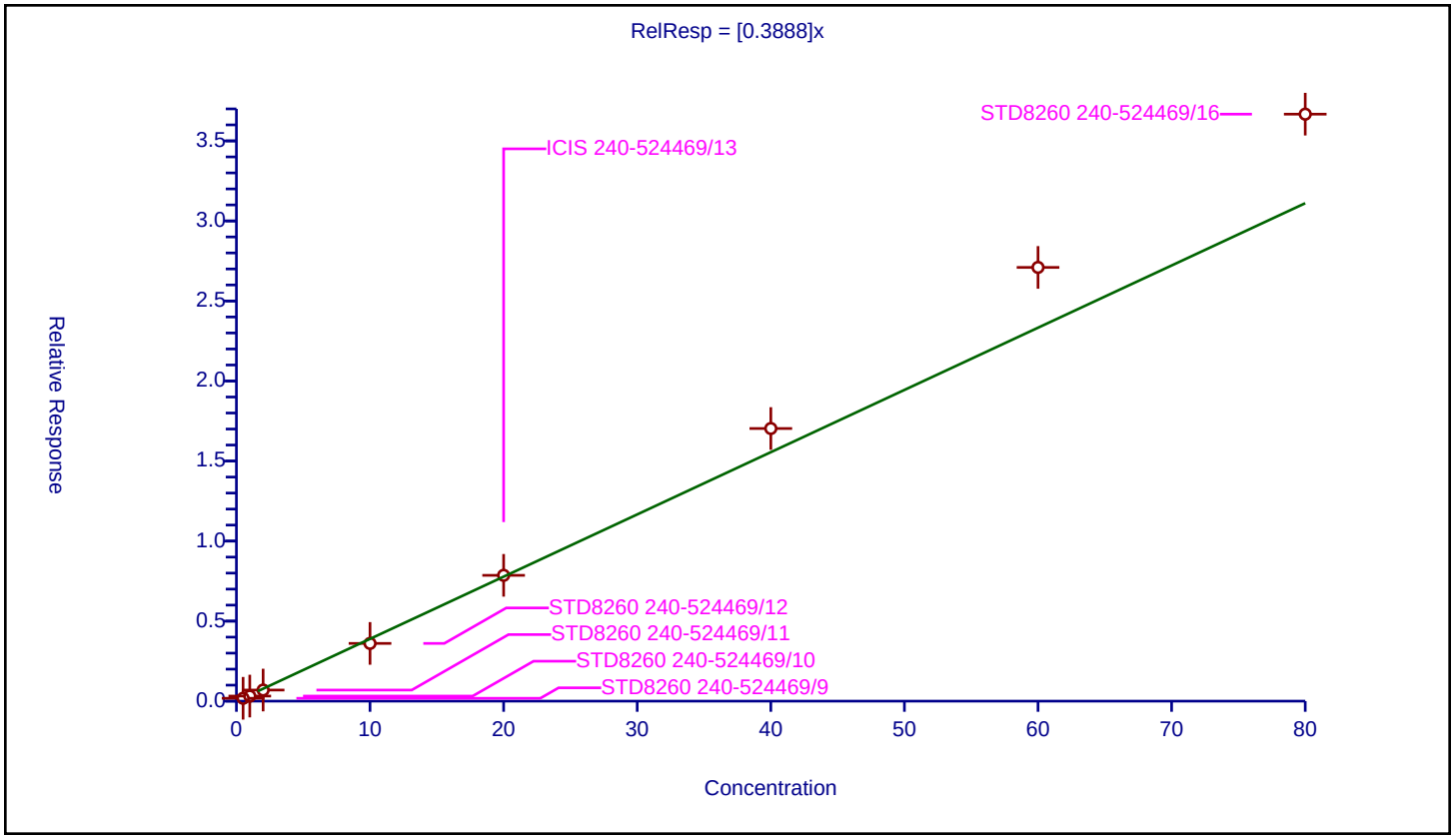
Curve Coefficients

Intercept:	0
Slope:	0.3888

Error Coefficients

Standard Error:	636000
Relative Standard Error:	13.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.178483	20.0	584704.0	0.356967	Y
2	STD8260 240-524469/10	1.0	0.317255	20.0	549022.0	0.317255	Y
3	STD8260 240-524469/11	2.0	0.693812	20.0	596732.0	0.346906	Y
4	STD8260 240-524469/12	10.0	3.606589	20.0	587630.0	0.360659	Y
5	ICIS 240-524469/13	20.0	7.859504	20.0	611064.0	0.392975	Y
6	STD8260 240-524469/14	40.0	17.032681	20.0	663926.0	0.425817	Y
7	STD8260 240-524469/15	60.0	27.096223	20.0	658322.0	0.451604	Y
8	STD8260 240-524469/16	80.0	36.670757	20.0	700099.0	0.458384	Y



Calibration / Ethyl methacrylate

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

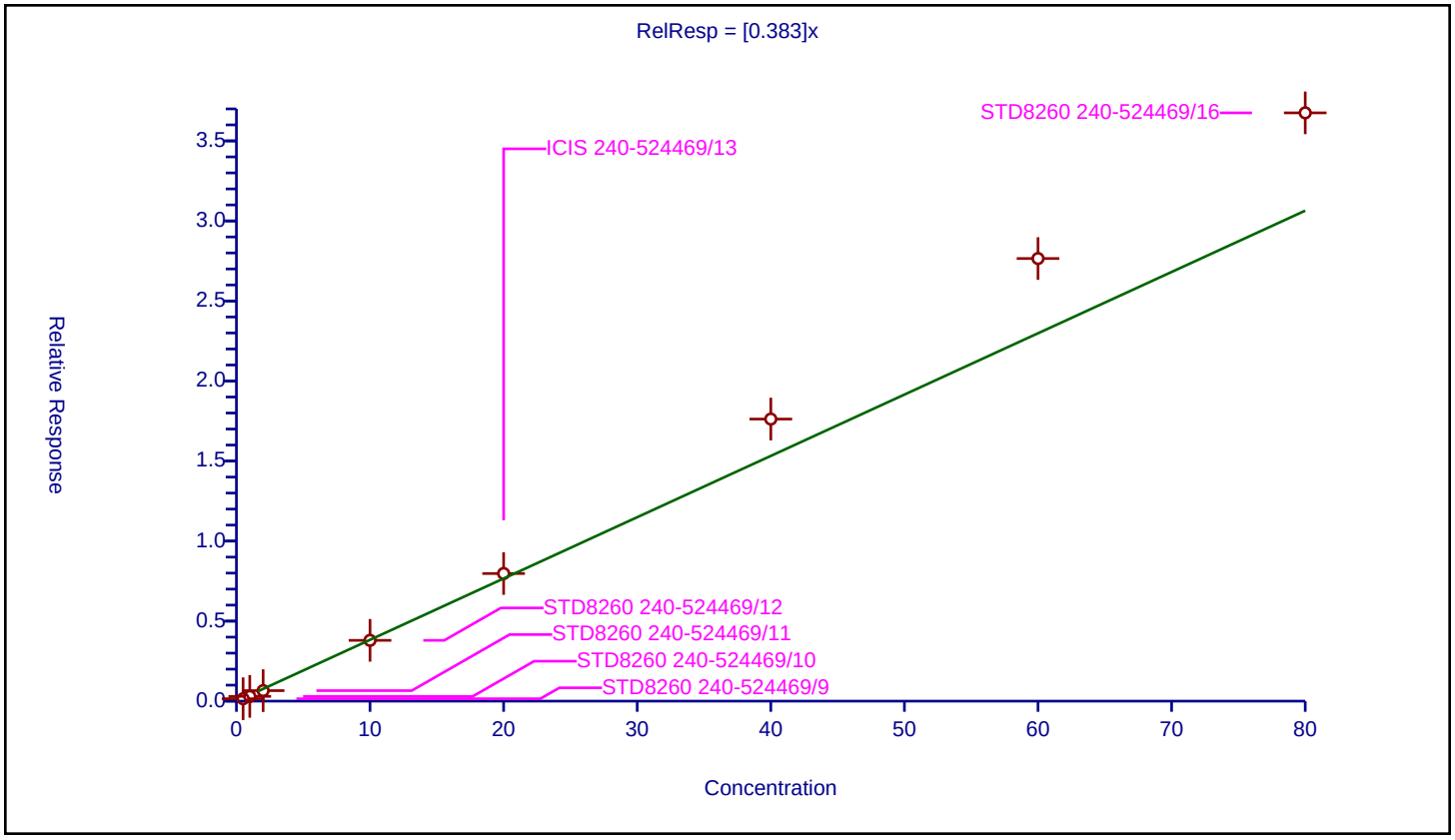
Curve Coefficients

Intercept:	0
Slope:	0.383

Error Coefficients

Standard Error:	643000
Relative Standard Error:	17.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.150298	20.0	584704.0	0.300597	Y
2	STD8260 240-524469/10	1.0	0.296527	20.0	549022.0	0.296527	Y
3	STD8260 240-524469/11	2.0	0.655839	20.0	596732.0	0.327919	Y
4	STD8260 240-524469/12	10.0	3.797117	20.0	587630.0	0.379712	Y
5	ICIS 240-524469/13	20.0	7.97216	20.0	611064.0	0.398608	Y
6	STD8260 240-524469/14	40.0	17.621482	20.0	663926.0	0.440537	Y
7	STD8260 240-524469/15	60.0	27.652517	20.0	658322.0	0.460875	Y
8	STD8260 240-524469/16	80.0	36.751974	20.0	700099.0	0.4594	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

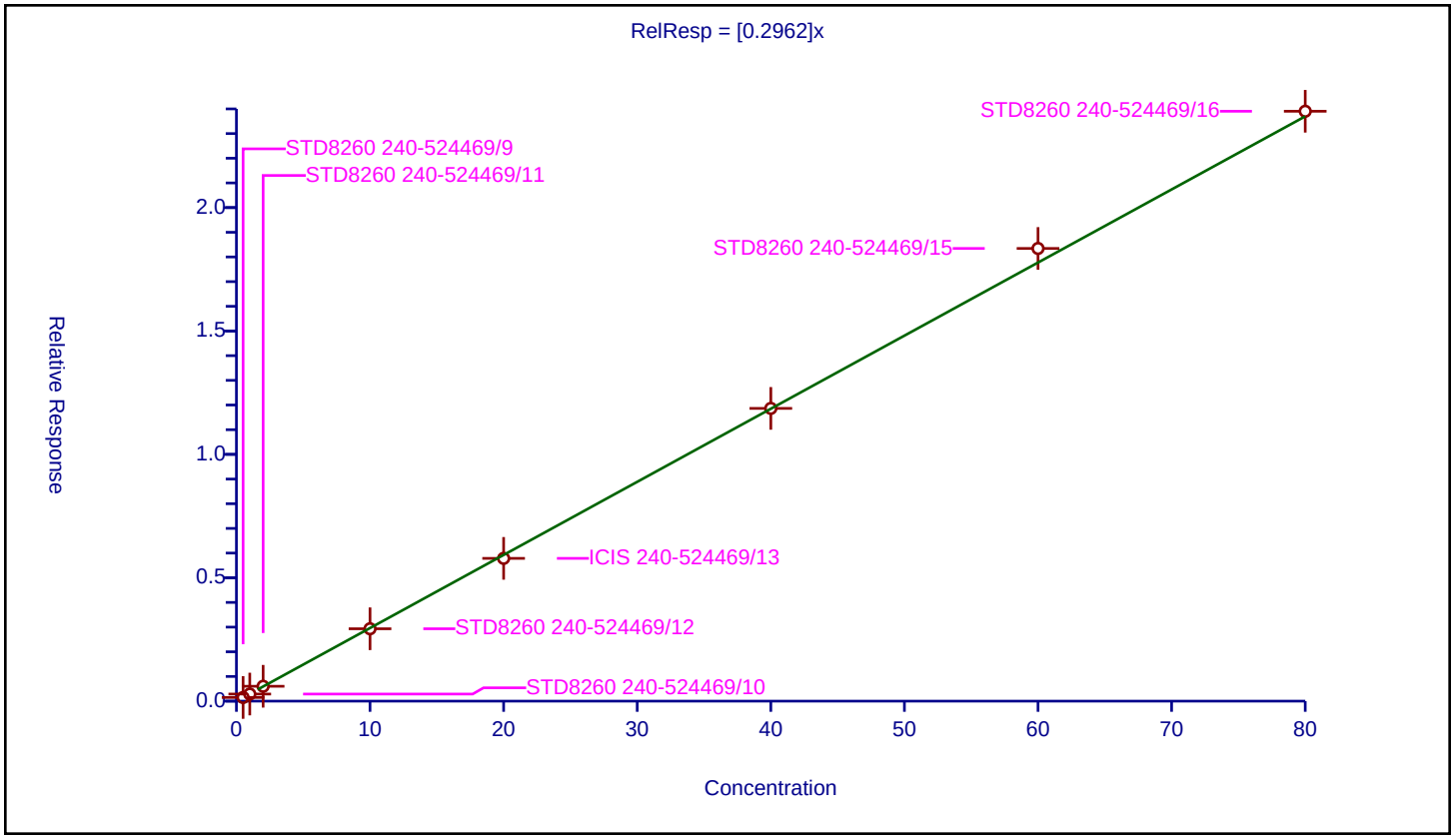
Curve Coefficients

Intercept:	0
Slope:	0.2962

Error Coefficients

Standard Error:	424000
Relative Standard Error:	2.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.148554	20.0	584704.0	0.297108	Y
2	STD8260 240-524469/10	1.0	0.287457	20.0	549022.0	0.287457	Y
3	STD8260 240-524469/11	2.0	0.602817	20.0	596732.0	0.301408	Y
4	STD8260 240-524469/12	10.0	2.93324	20.0	587630.0	0.293324	Y
5	ICIS 240-524469/13	20.0	5.786137	20.0	611064.0	0.289307	Y
6	STD8260 240-524469/14	40.0	11.86325	20.0	663926.0	0.296581	Y
7	STD8260 240-524469/15	60.0	18.344032	20.0	658322.0	0.305734	Y
8	STD8260 240-524469/16	80.0	23.903962	20.0	700099.0	0.2988	Y



Calibration / Tetrachloroethene

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

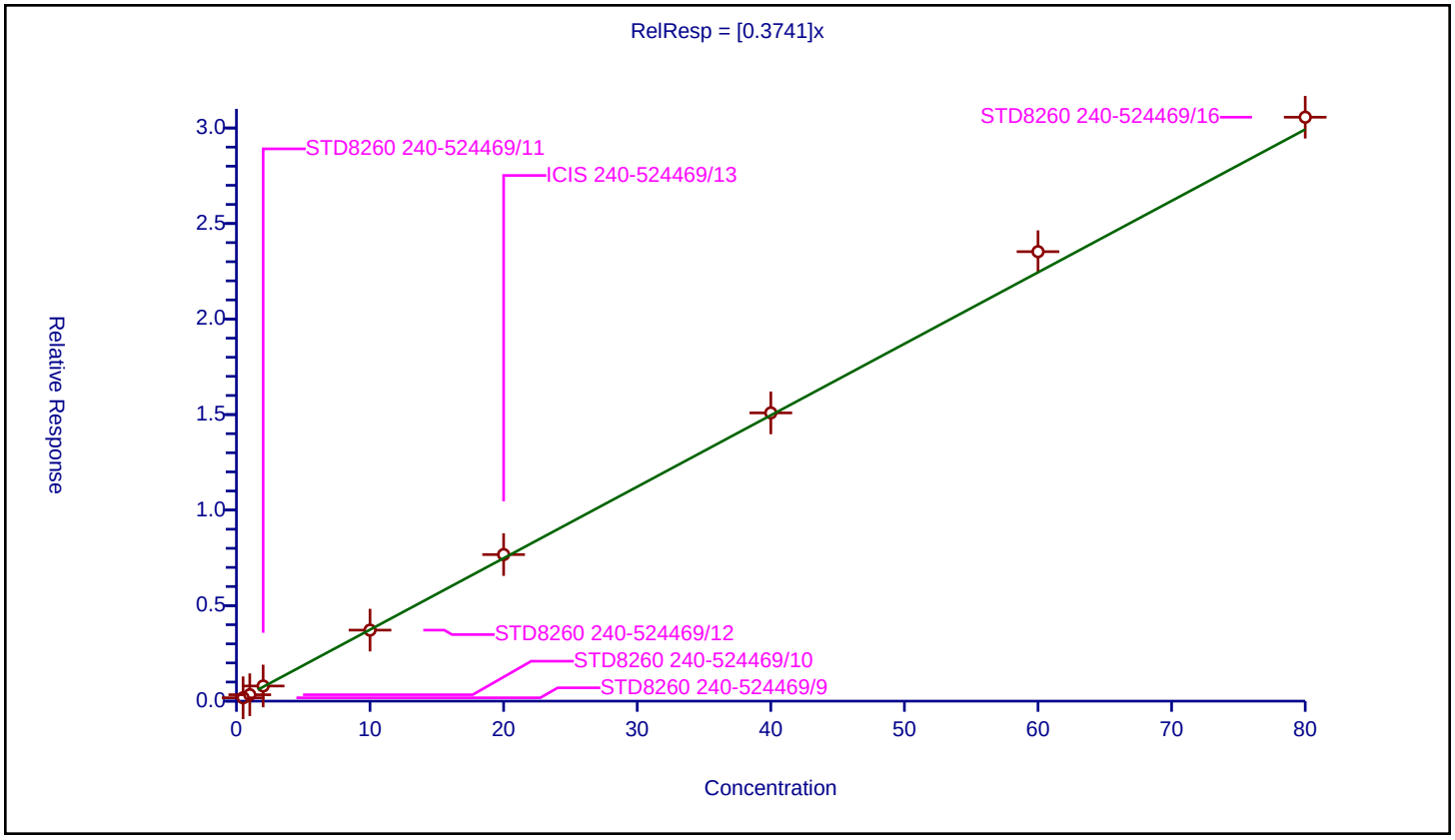
Curve Coefficients

Intercept:	0
Slope:	0.3741

Error Coefficients

Standard Error:	543000
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	STD8260 240-524469/9	0.5	0.176705	20.0	584704.0	0.35341	Y
2	STD8260 240-524469/10	1.0	0.335943	20.0	549022.0	0.335943	Y
3	STD8260 240-524469/11	2.0	0.792885	20.0	596732.0	0.396443	Y
4	STD8260 240-524469/12	10.0	3.716965	20.0	587630.0	0.371696	Y
5	ICIS 240-524469/13	20.0	7.671766	20.0	611064.0	0.383588	Y
6	STD8260 240-524469/14	40.0	15.088338	20.0	663926.0	0.377208	Y
7	STD8260 240-524469/15	60.0	23.528182	20.0	658322.0	0.392136	Y
8	STD8260 240-524469/16	80.0	30.564534	20.0	700099.0	0.382057	Y



Calibration / 1,3-Dichloropropane

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

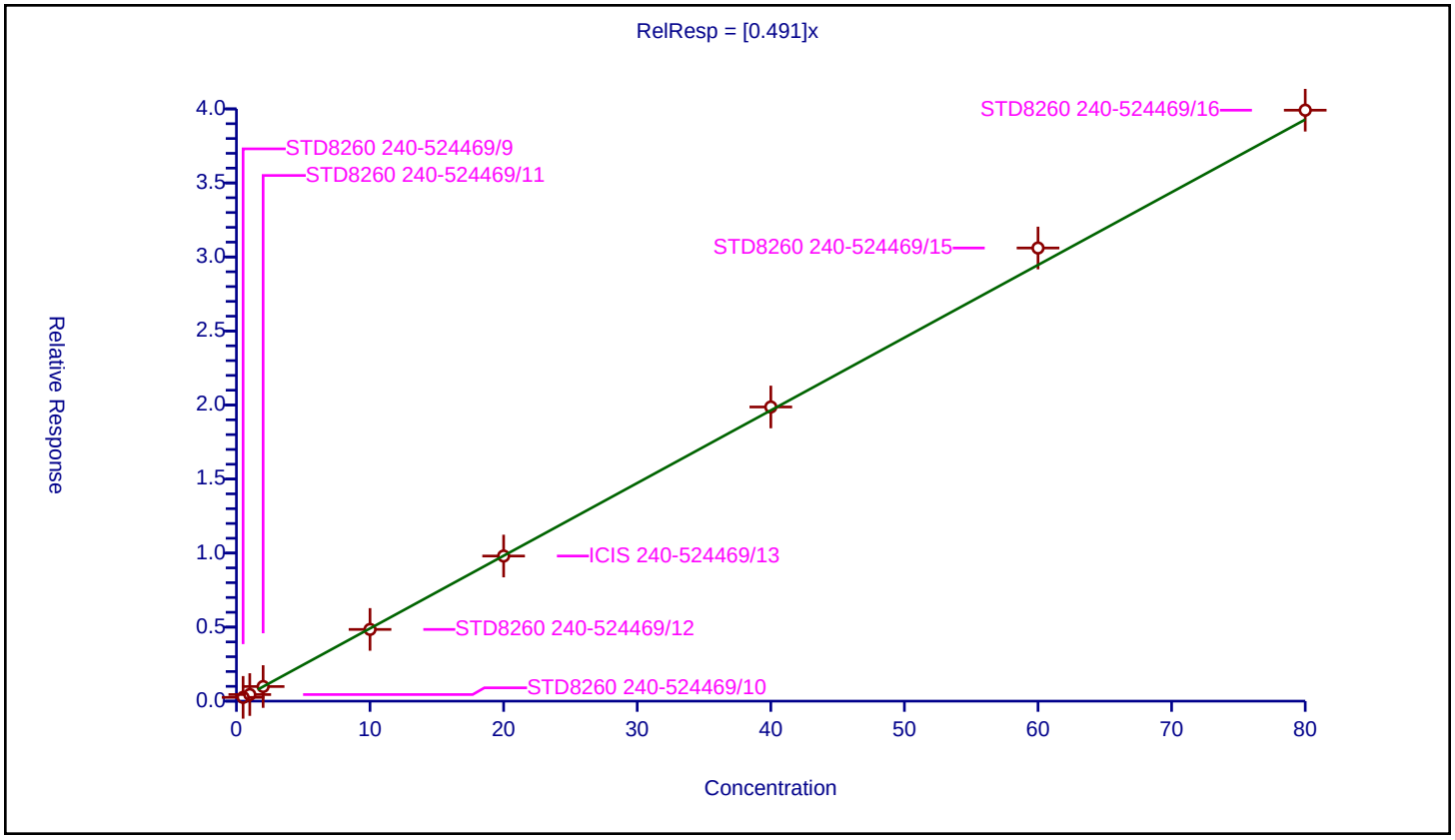
Curve Coefficients

Intercept:	0
Slope:	0.491

Error Coefficients

Standard Error:	708000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.254385	20.0	584704.0	0.50877	Y
2	STD8260 240-524469/10	1.0	0.446066	20.0	549022.0	0.446066	Y
3	STD8260 240-524469/11	2.0	0.985803	20.0	596732.0	0.492901	Y
4	STD8260 240-524469/12	10.0	4.843626	20.0	587630.0	0.484363	Y
5	ICIS 240-524469/13	20.0	9.801461	20.0	611064.0	0.490073	Y
6	STD8260 240-524469/14	40.0	19.866461	20.0	663926.0	0.496662	Y
7	STD8260 240-524469/15	60.0	30.604415	20.0	658322.0	0.510074	Y
8	STD8260 240-524469/16	80.0	39.911727	20.0	700099.0	0.498897	Y



Calibration / 2-Hexanone

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

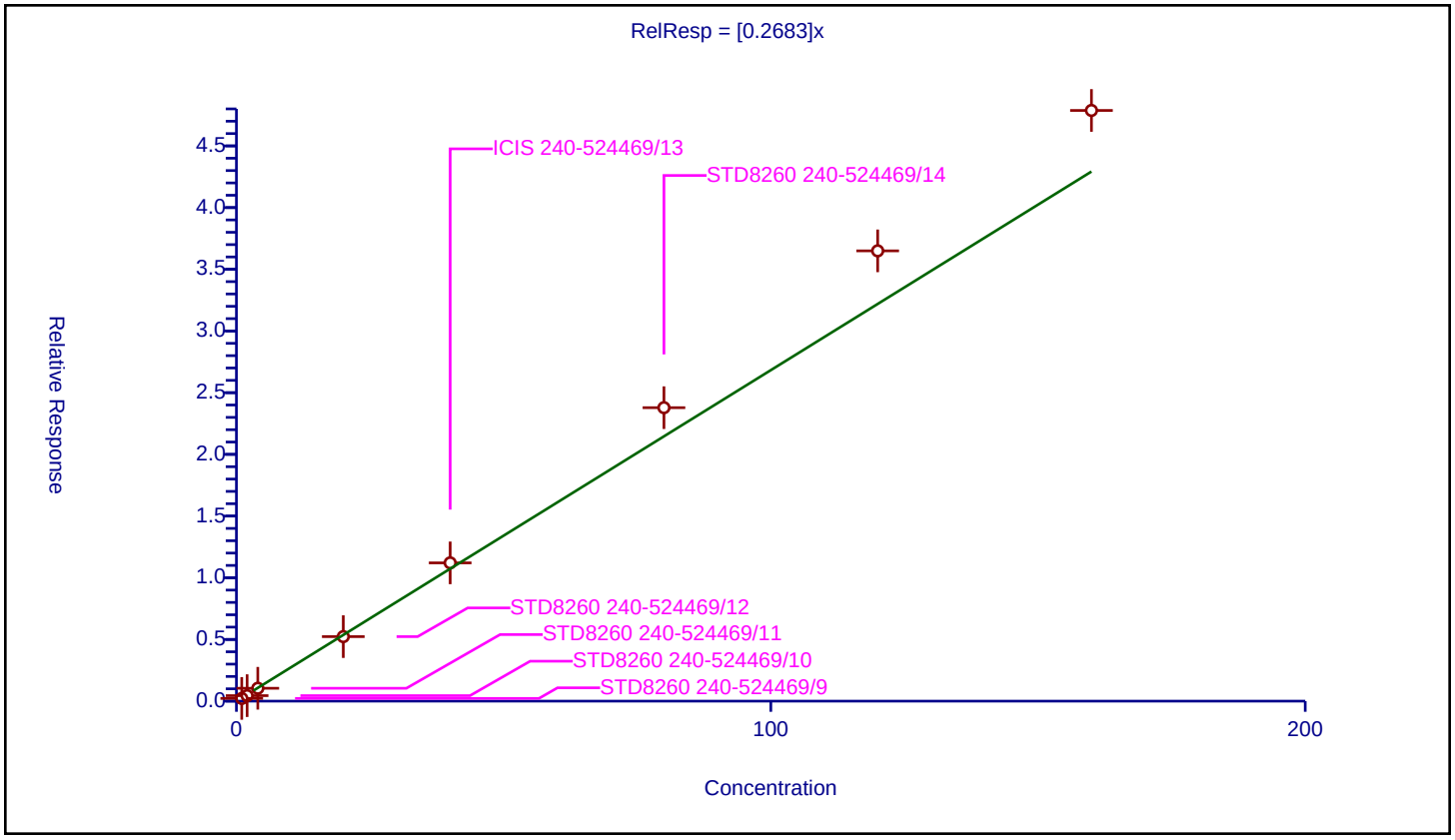
Curve Coefficients

Intercept:	0
Slope:	0.2683

Error Coefficients

Standard Error:	847000
Relative Standard Error:	12.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.220214	20.0	584704.0	0.220214	Y
2	STD8260 240-524469/10	2.0	0.445082	20.0	549022.0	0.222541	Y
3	STD8260 240-524469/11	4.0	1.044053	20.0	596732.0	0.261013	Y
4	STD8260 240-524469/12	20.0	5.228971	20.0	587630.0	0.261449	Y
5	ICIS 240-524469/13	40.0	11.206682	20.0	611064.0	0.280167	Y
6	STD8260 240-524469/14	80.0	23.784428	20.0	663926.0	0.297305	Y
7	STD8260 240-524469/15	120.0	36.494968	20.0	658322.0	0.304125	Y
8	STD8260 240-524469/16	160.0	47.872658	20.0	700099.0	0.299204	Y



Calibration / Chlorodibromomethane

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

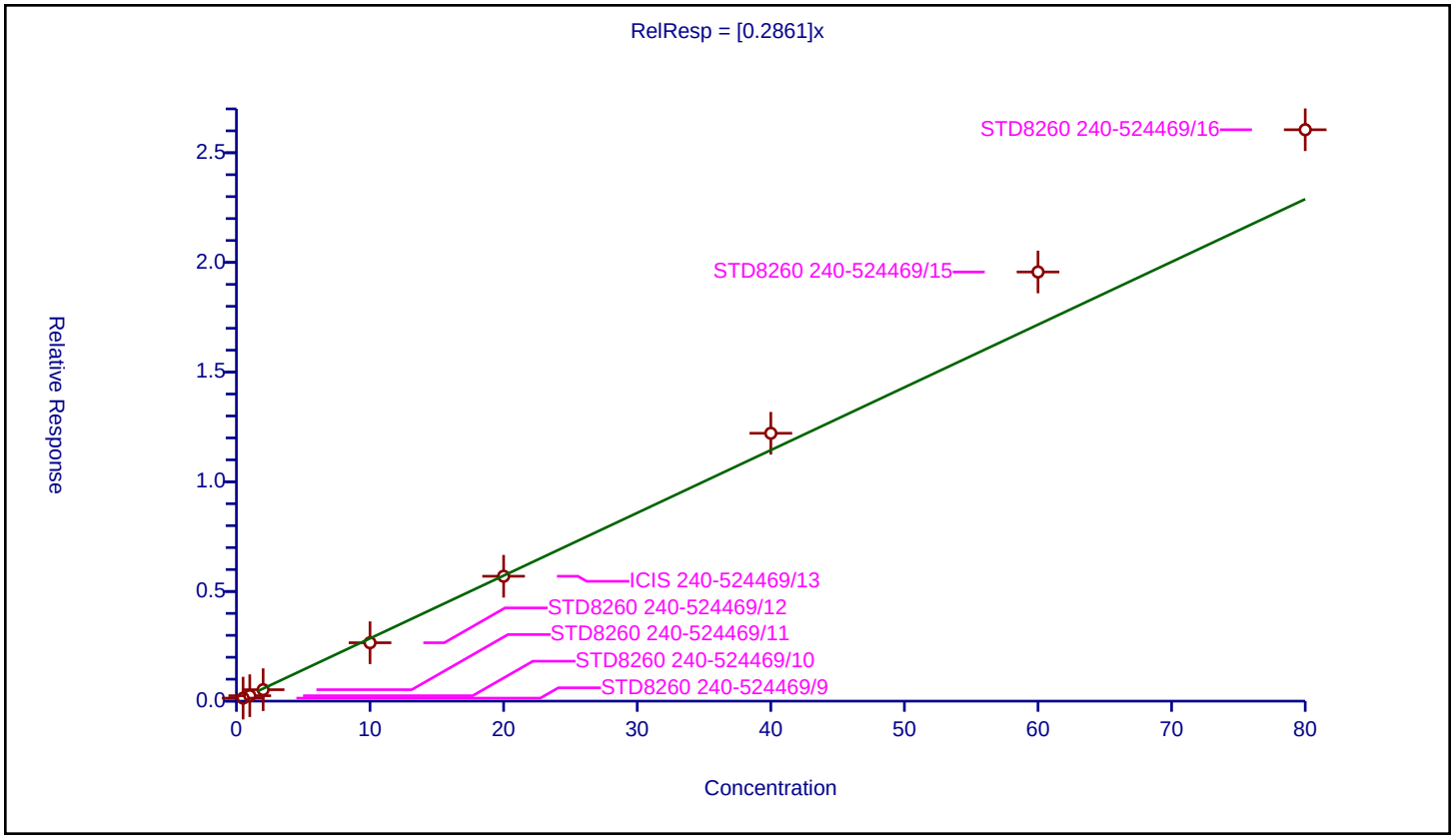
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Standard Error:	455000
Relative Standard Error:	10.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.136377	20.0	584704.0	0.272753	Y
2	STD8260 240-524469/10	1.0	0.247276	20.0	549022.0	0.247276	Y
3	STD8260 240-524469/11	2.0	0.521239	20.0	596732.0	0.26062	Y
4	STD8260 240-524469/12	10.0	2.662594	20.0	587630.0	0.266259	Y
5	ICIS 240-524469/13	20.0	5.694232	20.0	611064.0	0.284712	Y
6	STD8260 240-524469/14	40.0	12.212054	20.0	663926.0	0.305301	Y
7	STD8260 240-524469/15	60.0	19.565684	20.0	658322.0	0.326095	Y
8	STD8260 240-524469/16	80.0	26.04943	20.0	700099.0	0.325618	Y



Calibration / Ethylene Dibromide

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

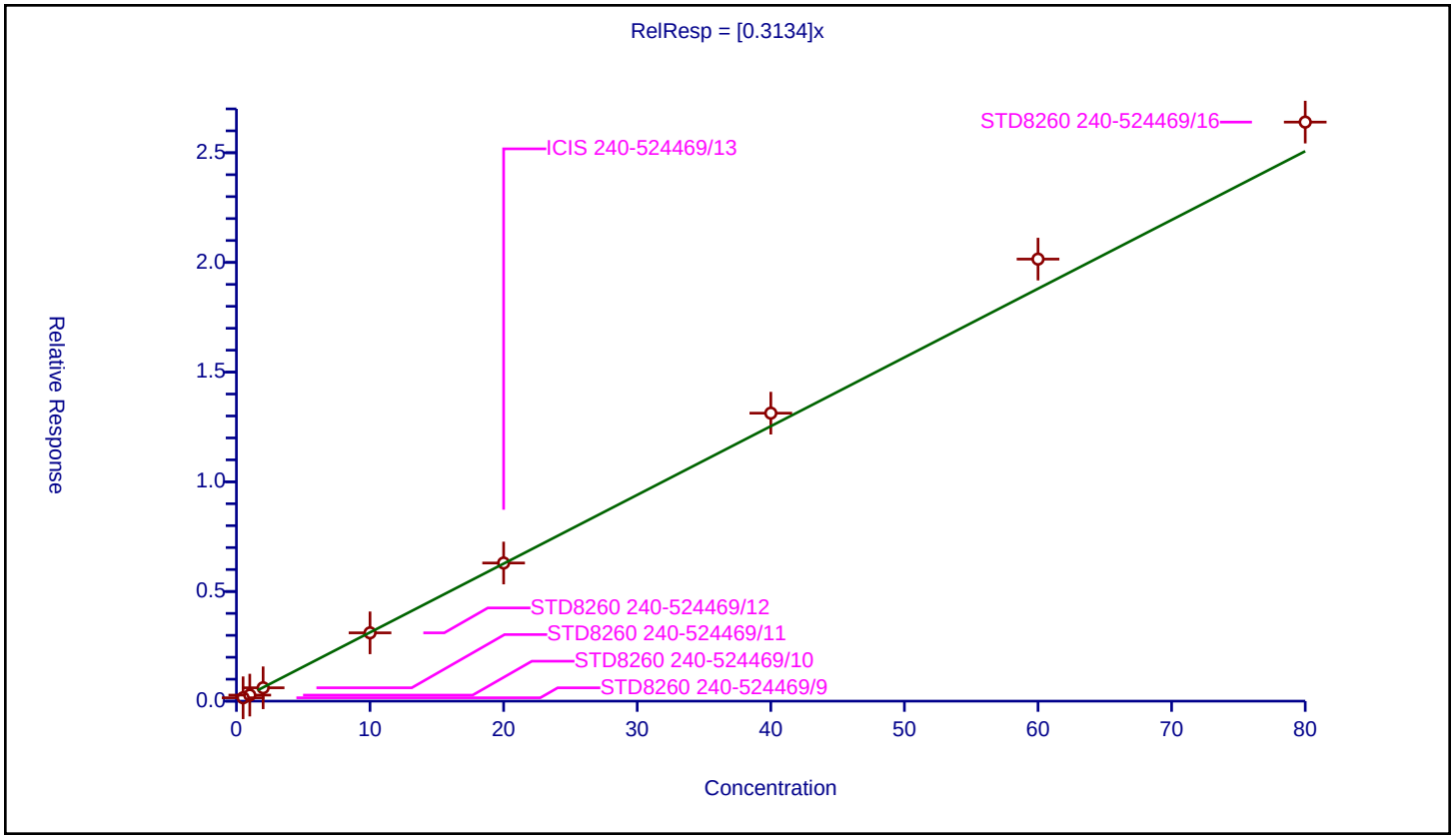
Curve Coefficients

Intercept:	0
Slope:	0.3134

Error Coefficients

Standard Error:	467000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.153719	20.0	584704.0	0.307438	Y
2	STD8260 240-524469/10	1.0	0.275144	20.0	549022.0	0.275144	Y
3	STD8260 240-524469/11	2.0	0.608514	20.0	596732.0	0.304257	Y
4	STD8260 240-524469/12	10.0	3.113286	20.0	587630.0	0.311329	Y
5	ICIS 240-524469/13	20.0	6.297605	20.0	611064.0	0.31488	Y
6	STD8260 240-524469/14	40.0	13.12821	20.0	663926.0	0.328205	Y
7	STD8260 240-524469/15	60.0	20.151355	20.0	658322.0	0.335856	Y
8	STD8260 240-524469/16	80.0	26.398095	20.0	700099.0	0.329976	Y



Calibration / Chlorobenzene

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

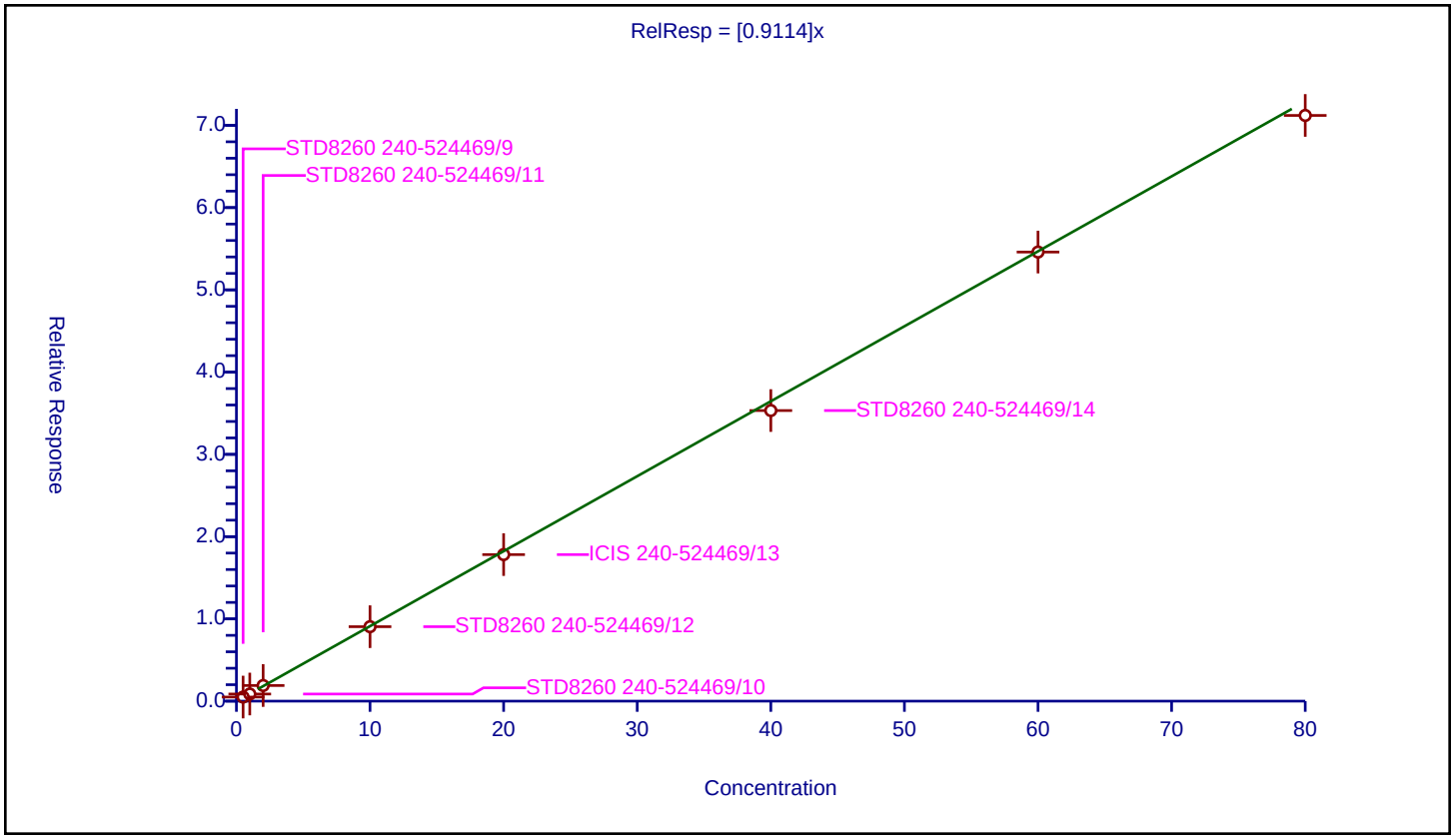
Curve Coefficients

Intercept:	0
Slope:	0.9114

Error Coefficients

Standard Error:	1260000
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	STD8260 240-524469/9	0.5	0.498167	20.0	584704.0	0.996333	Y
2	STD8260 240-524469/10	1.0	0.86696	20.0	549022.0	0.86696	Y
3	STD8260 240-524469/11	2.0	1.89787	20.0	596732.0	0.948935	Y
4	STD8260 240-524469/12	10.0	9.050763	20.0	587630.0	0.905076	Y
5	ICIS 240-524469/13	20.0	17.816072	20.0	611064.0	0.890804	Y
6	STD8260 240-524469/14	40.0	35.328214	20.0	663926.0	0.883205	Y
7	STD8260 240-524469/15	60.0	54.59535	20.0	658322.0	0.909922	Y
8	STD8260 240-524469/16	80.0	71.203644	20.0	700099.0	0.890046	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

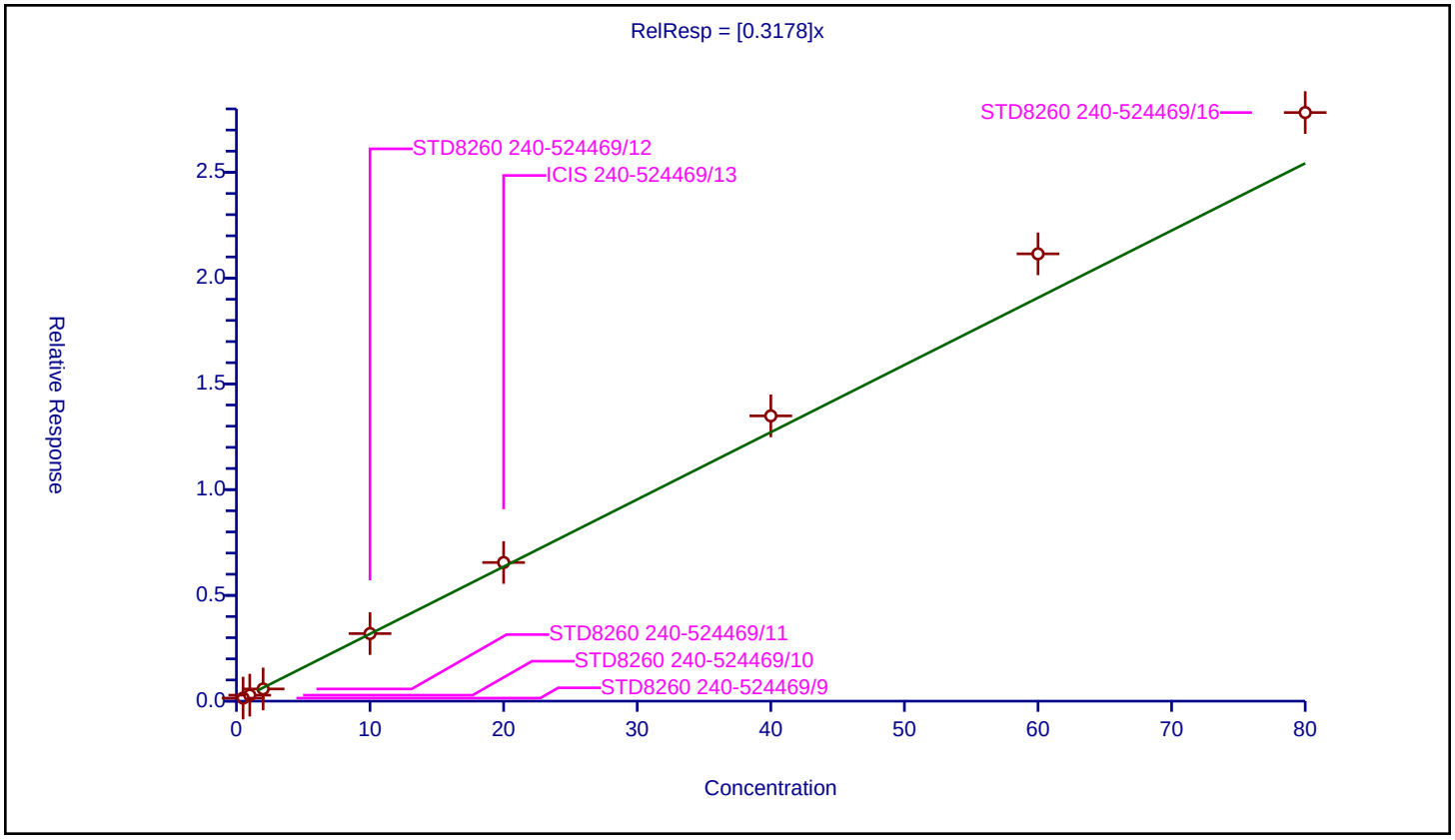
Curve Coefficients

Intercept:	0
Slope:	0.3178

Error Coefficients

Standard Error:	490000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.143731	20.0	584704.0	0.287462	Y
2	STD8260 240-524469/10	1.0	0.282575	20.0	549022.0	0.282575	Y
3	STD8260 240-524469/11	2.0	0.576406	20.0	596732.0	0.288203	Y
4	STD8260 240-524469/12	10.0	3.193642	20.0	587630.0	0.319364	Y
5	ICIS 240-524469/13	20.0	6.555025	20.0	611064.0	0.327751	Y
6	STD8260 240-524469/14	40.0	13.486051	20.0	663926.0	0.337151	Y
7	STD8260 240-524469/15	60.0	21.147281	20.0	658322.0	0.352455	Y
8	STD8260 240-524469/16	80.0	27.826236	20.0	700099.0	0.347828	Y



Calibration / Ethylbenzene

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

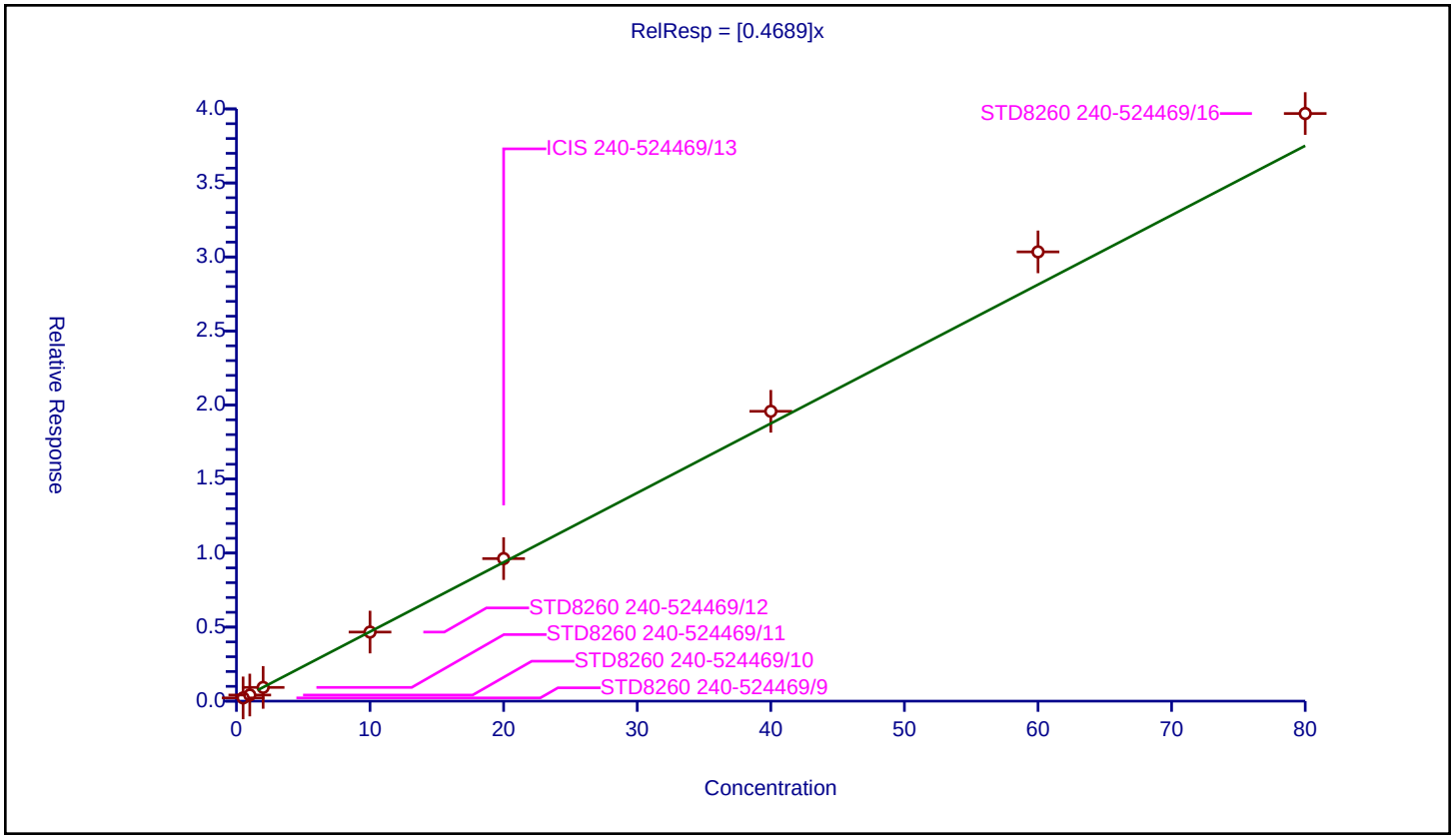
Curve Coefficients

Intercept:	0
Slope:	0.4689

Error Coefficients

Standard Error:	703000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.217785	20.0	584704.0	0.435571	Y
2	STD8260 240-524469/10	1.0	0.412661	20.0	549022.0	0.412661	Y
3	STD8260 240-524469/11	2.0	0.927552	20.0	596732.0	0.463776	Y
4	STD8260 240-524469/12	10.0	4.664772	20.0	587630.0	0.466477	Y
5	ICIS 240-524469/13	20.0	9.626946	20.0	611064.0	0.481347	Y
6	STD8260 240-524469/14	40.0	19.575404	20.0	663926.0	0.489385	Y
7	STD8260 240-524469/15	60.0	30.343176	20.0	658322.0	0.50572	Y
8	STD8260 240-524469/16	80.0	39.686216	20.0	700099.0	0.496078	Y



Calibration / m-Xylene & p-Xylene

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

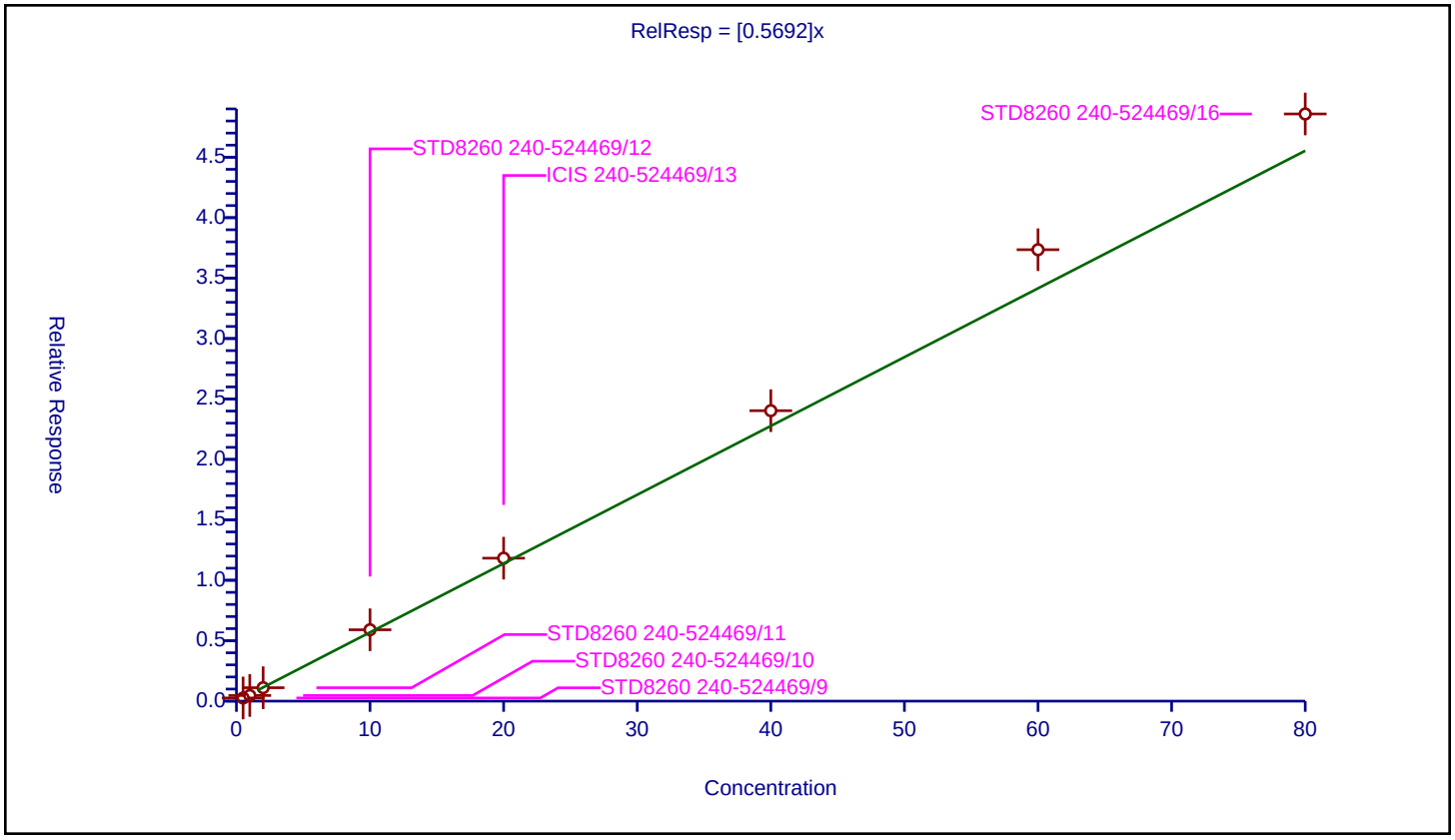
Curve Coefficients

Intercept:	0
Slope:	0.5692

Error Coefficients

Standard Error:	862000
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	STD8260 240-524469/9	0.5	0.260166	20.0	584704.0	0.520332	Y
2	STD8260 240-524469/10	1.0	0.465701	20.0	549022.0	0.465701	Y
3	STD8260 240-524469/11	2.0	1.110348	20.0	596732.0	0.555174	Y
4	STD8260 240-524469/12	10.0	5.904736	20.0	587630.0	0.590474	Y
5	ICIS 240-524469/13	20.0	11.828516	20.0	611064.0	0.591426	Y
6	STD8260 240-524469/14	40.0	24.030329	20.0	663926.0	0.600758	Y
7	STD8260 240-524469/15	60.0	37.349716	20.0	658322.0	0.622495	Y
8	STD8260 240-524469/16	80.0	48.581901	20.0	700099.0	0.607274	Y



Calibration / o-Xylene

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

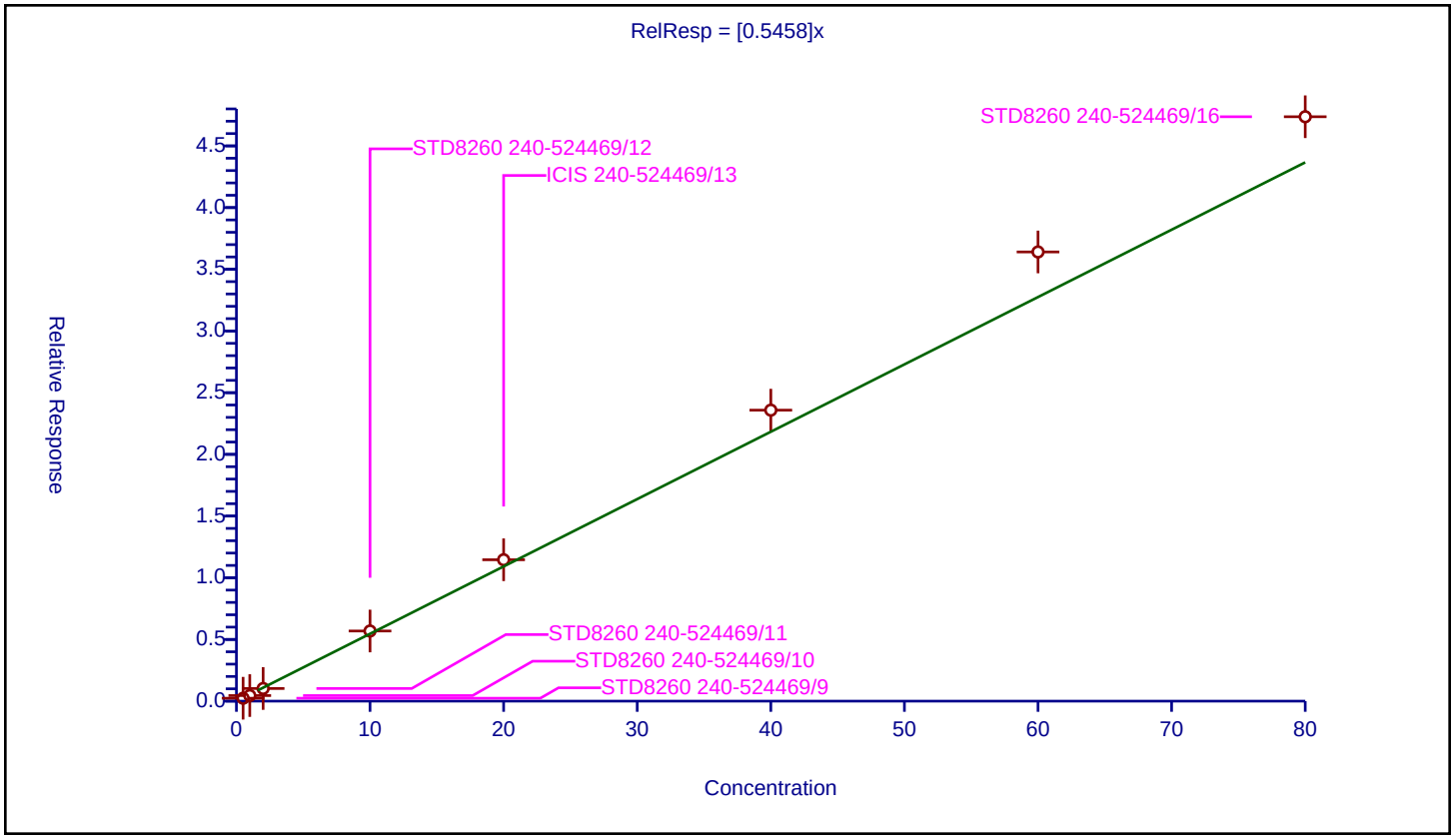
Curve Coefficients

Intercept:	0
Slope:	0.5458

Error Coefficients

Standard Error:	841000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.235983	20.0	584704.0	0.471965	Y
2	STD8260 240-524469/10	1.0	0.452149	20.0	549022.0	0.452149	Y
3	STD8260 240-524469/11	2.0	1.025184	20.0	596732.0	0.512592	Y
4	STD8260 240-524469/12	10.0	5.685244	20.0	587630.0	0.568524	Y
5	ICIS 240-524469/13	20.0	11.458047	20.0	611064.0	0.572902	Y
6	STD8260 240-524469/14	40.0	23.583261	20.0	663926.0	0.589582	Y
7	STD8260 240-524469/15	60.0	36.406257	20.0	658322.0	0.606771	Y
8	STD8260 240-524469/16	80.0	47.362844	20.0	700099.0	0.592036	Y



Calibration / Styrene

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

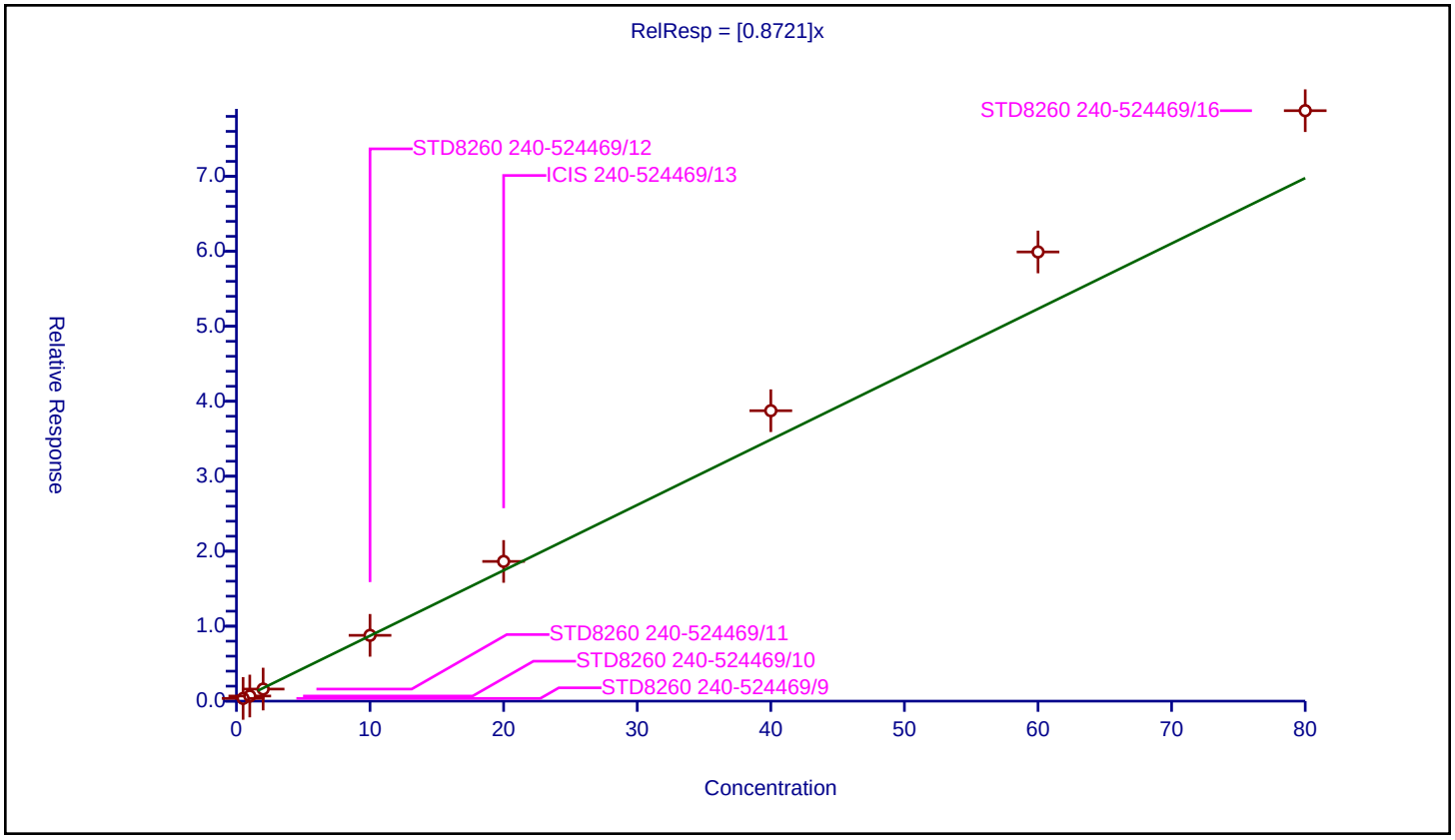
Curve Coefficients

Intercept:	0
Slope:	0.8721

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	13.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.362645	20.0	584704.0	0.72529	Y
2	STD8260 240-524469/10	1.0	0.684745	20.0	549022.0	0.684745	Y
3	STD8260 240-524469/11	2.0	1.611946	20.0	596732.0	0.805973	Y
4	STD8260 240-524469/12	10.0	8.775522	20.0	587630.0	0.877552	Y
5	ICIS 240-524469/13	20.0	18.635298	20.0	611064.0	0.931765	Y
6	STD8260 240-524469/14	40.0	38.738896	20.0	663926.0	0.968472	Y
7	STD8260 240-524469/15	60.0	59.917426	20.0	658322.0	0.998624	Y
8	STD8260 240-524469/16	80.0	78.762004	20.0	700099.0	0.984525	Y



Calibration / Bromoform

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

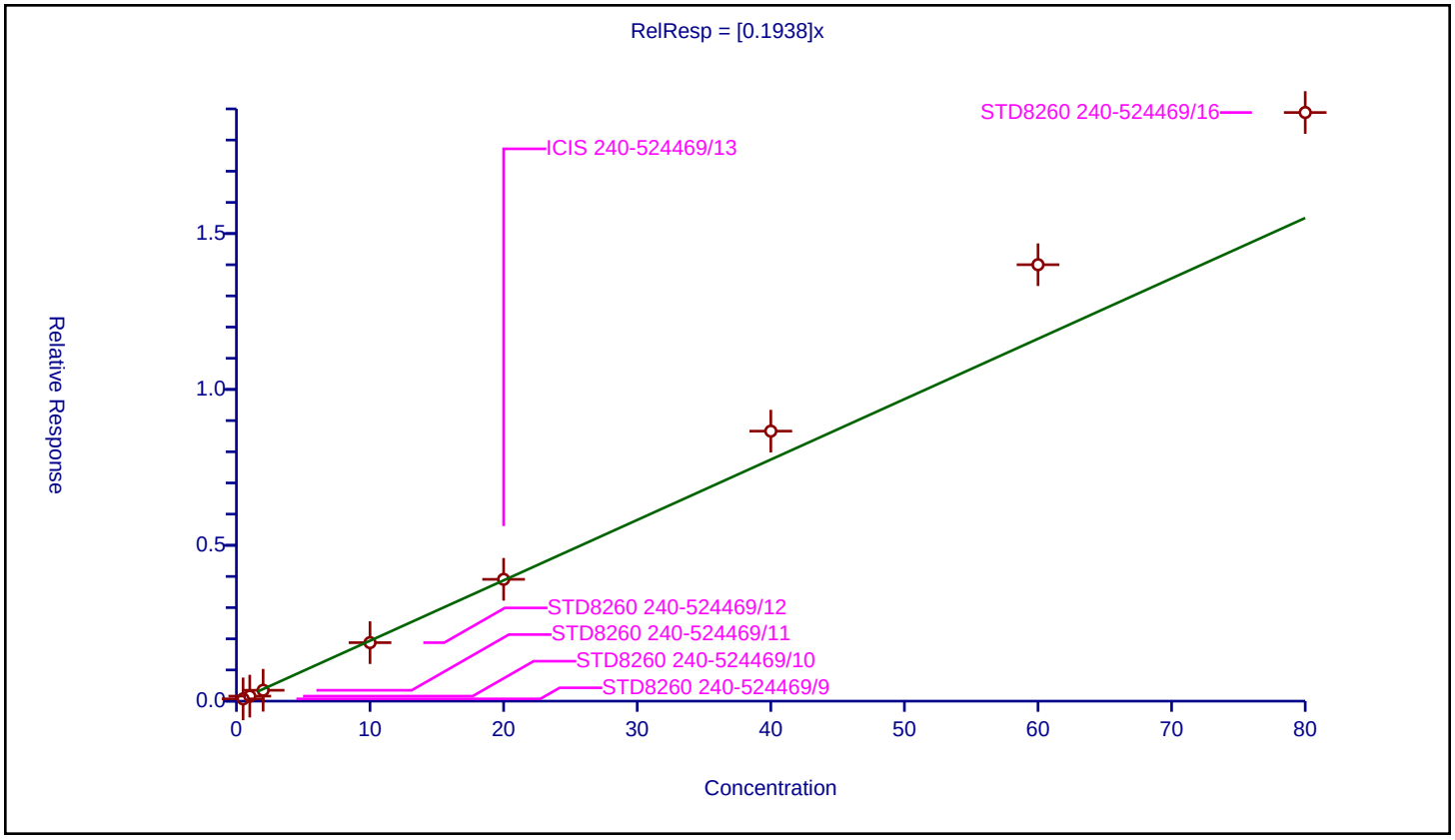
Curve Coefficients

Intercept:	0
Slope:	0.1938

Error Coefficients

Standard Error:	327000
Relative Standard Error:	17.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.072755	20.0	584704.0	0.14551	Y
2	STD8260 240-524469/10	1.0	0.160904	20.0	549022.0	0.160904	Y
3	STD8260 240-524469/11	2.0	0.349068	20.0	596732.0	0.174534	Y
4	STD8260 240-524469/12	10.0	1.877168	20.0	587630.0	0.187717	Y
5	ICIS 240-524469/13	20.0	3.90761	20.0	611064.0	0.195381	Y
6	STD8260 240-524469/14	40.0	8.661959	20.0	663926.0	0.216549	Y
7	STD8260 240-524469/15	60.0	14.001811	20.0	658322.0	0.233364	Y
8	STD8260 240-524469/16	80.0	18.883786	20.0	700099.0	0.236047	Y



Calibration / Isopropylbenzene

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

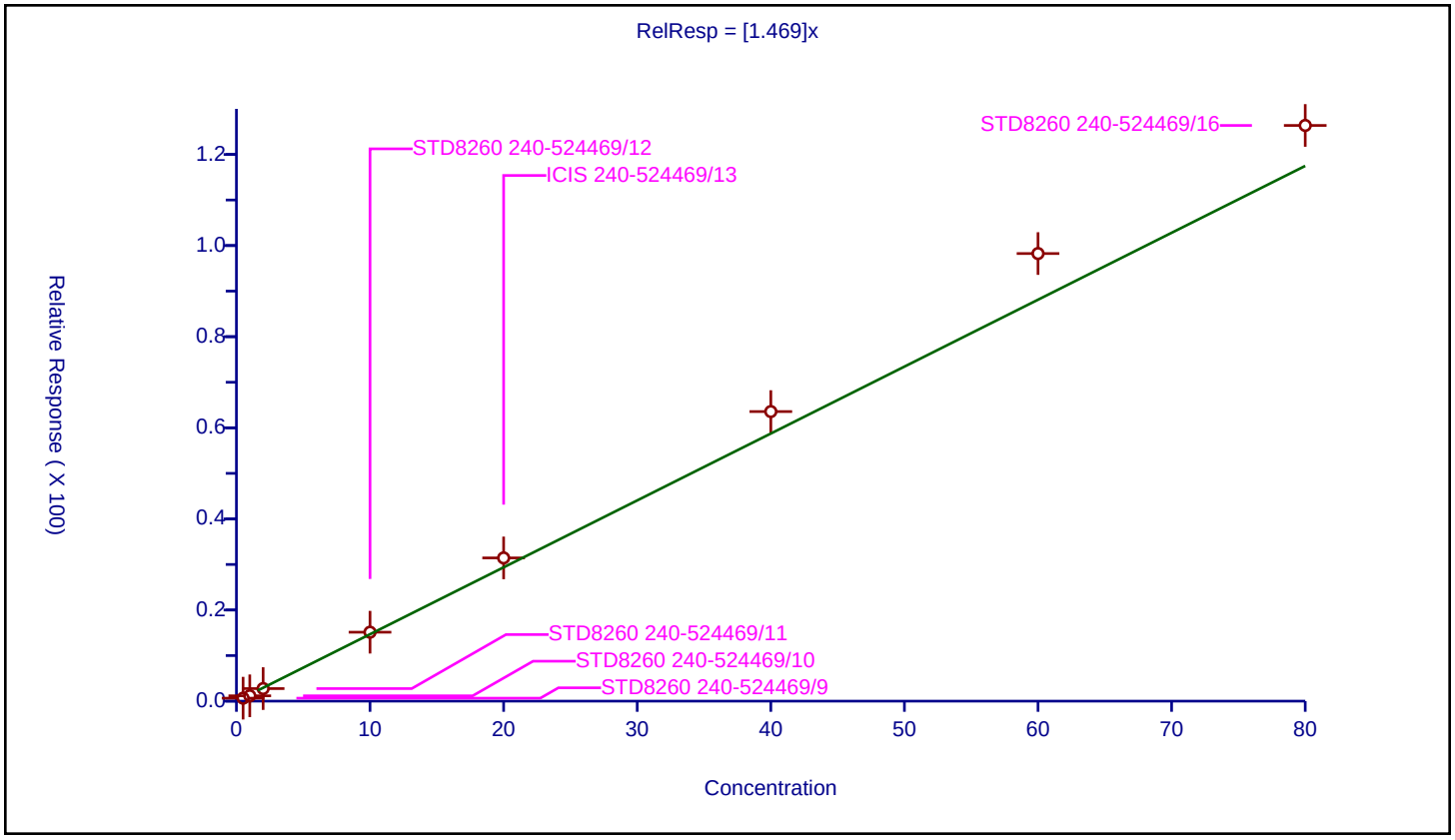
Curve Coefficients

Intercept:	0
Slope:	1.469

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.652741	20.0	584704.0	1.305481	Y
2	STD8260 240-524469/10	1.0	1.172448	20.0	549022.0	1.172448	Y
3	STD8260 240-524469/11	2.0	2.758793	20.0	596732.0	1.379396	Y
4	STD8260 240-524469/12	10.0	15.131971	20.0	587630.0	1.513197	Y
5	ICIS 240-524469/13	20.0	31.436118	20.0	611064.0	1.571806	Y
6	STD8260 240-524469/14	40.0	63.562505	20.0	663926.0	1.589063	Y
7	STD8260 240-524469/15	60.0	98.2504	20.0	658322.0	1.637507	Y
8	STD8260 240-524469/16	80.0	126.363843	20.0	700099.0	1.579548	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

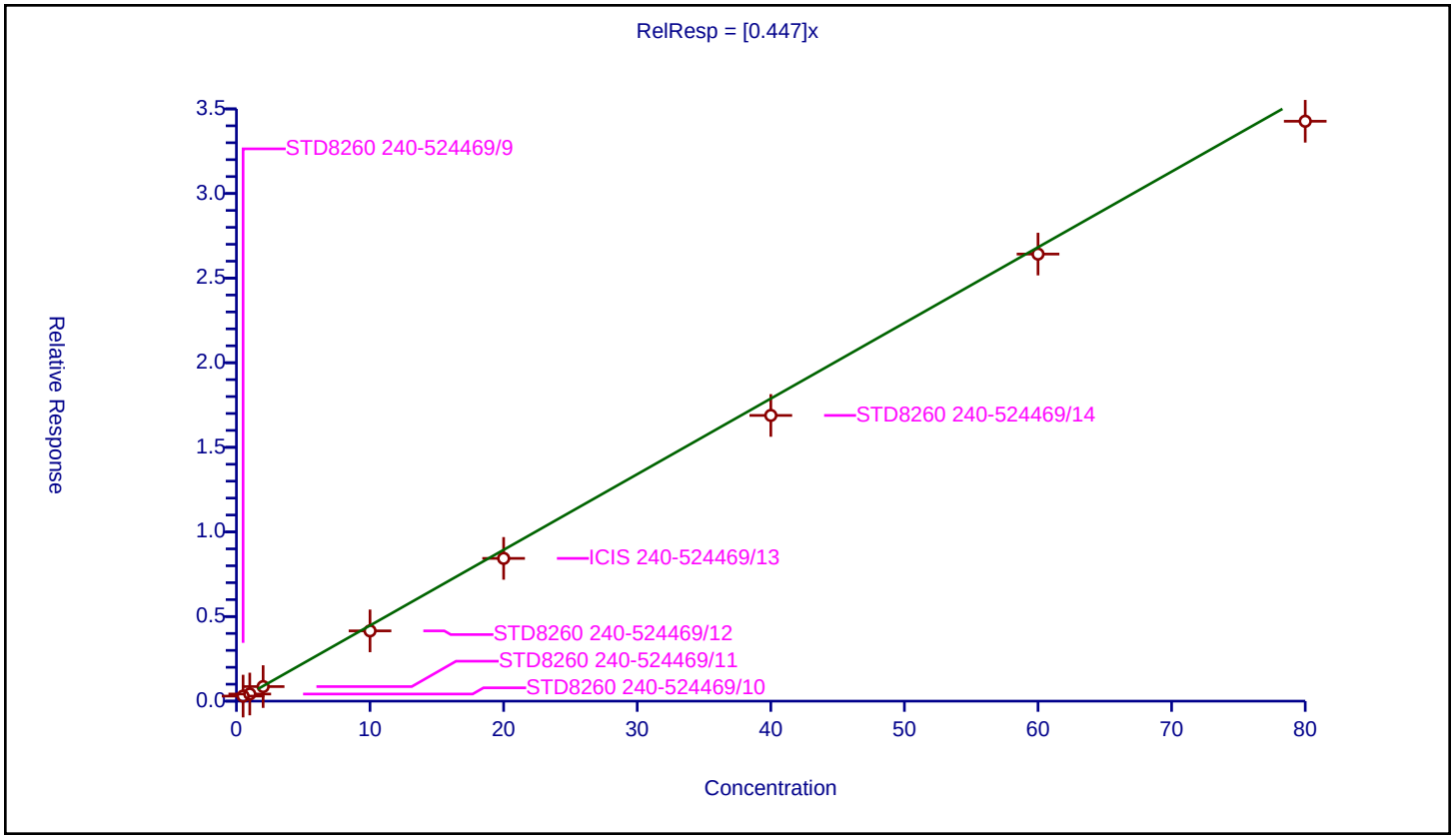
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Standard Error:	608000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.298852	20.0	584704.0	0.597704	Y
2	STD8260 240-524469/10	1.0	0.420384	20.0	549022.0	0.420384	Y
3	STD8260 240-524469/11	2.0	0.860219	20.0	596732.0	0.430109	Y
4	STD8260 240-524469/12	10.0	4.153226	20.0	587630.0	0.415323	Y
5	ICIS 240-524469/13	20.0	8.435418	20.0	611064.0	0.421771	Y
6	STD8260 240-524469/14	40.0	16.885466	20.0	663926.0	0.422137	Y
7	STD8260 240-524469/15	60.0	26.420688	20.0	658322.0	0.440345	Y
8	STD8260 240-524469/16	80.0	34.269896	20.0	700099.0	0.428374	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

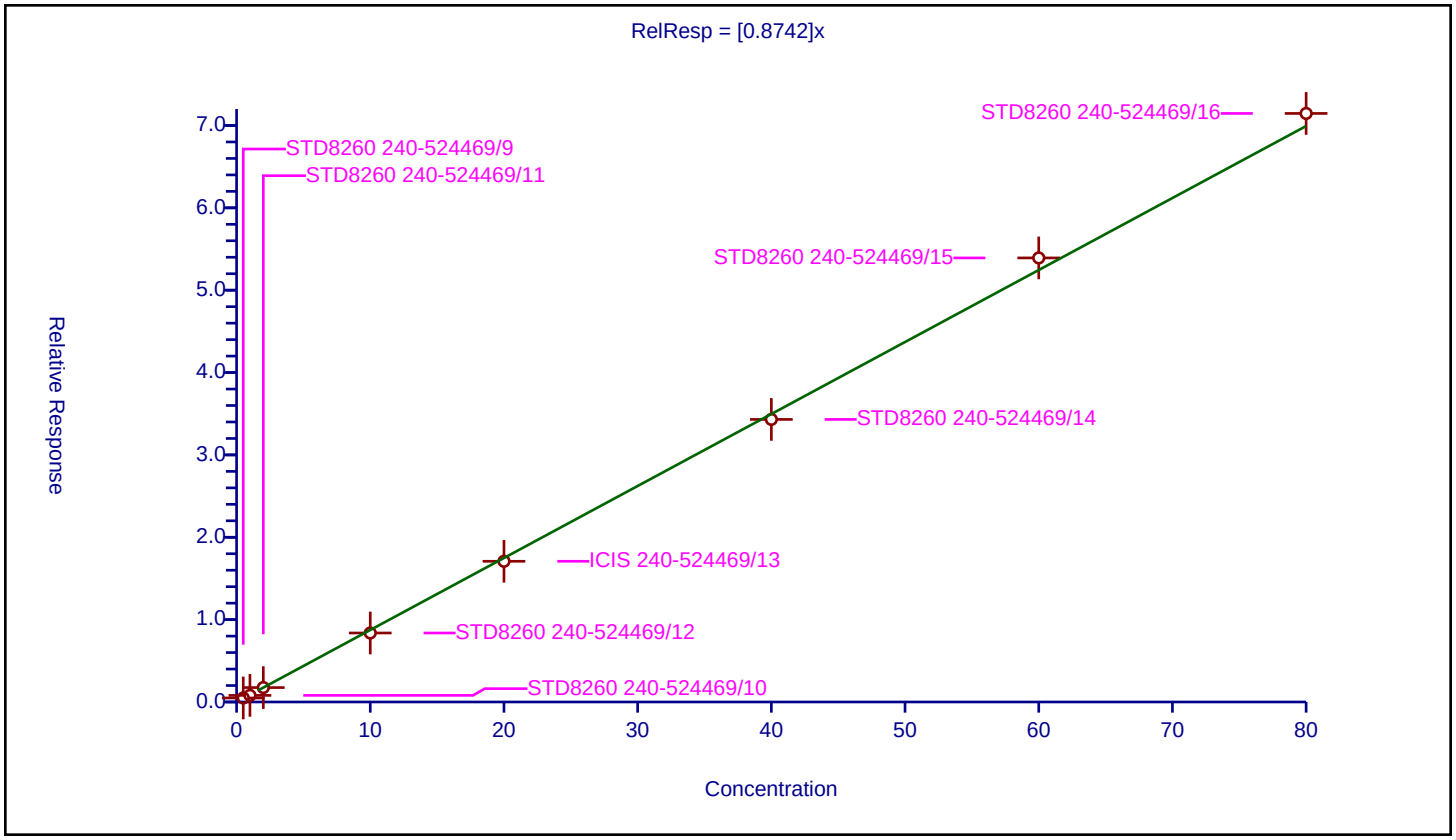
Curve Coefficients

Intercept:	0
Slope:	0.8742

Error Coefficients

Standard Error:	655000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.488101	20.0	289899.0	0.976202	Y
2	STD8260 240-524469/10	1.0	0.800359	20.0	282998.0	0.800359	Y
3	STD8260 240-524469/11	2.0	1.750196	20.0	306240.0	0.875098	Y
4	STD8260 240-524469/12	10.0	8.376619	20.0	311923.0	0.837662	Y
5	ICIS 240-524469/13	20.0	17.084343	20.0	322411.0	0.854217	Y
6	STD8260 240-524469/14	40.0	34.311239	20.0	357860.0	0.857781	Y
7	STD8260 240-524469/15	60.0	53.918381	20.0	348154.0	0.89864	Y
8	STD8260 240-524469/16	80.0	71.46119	20.0	360008.0	0.893265	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

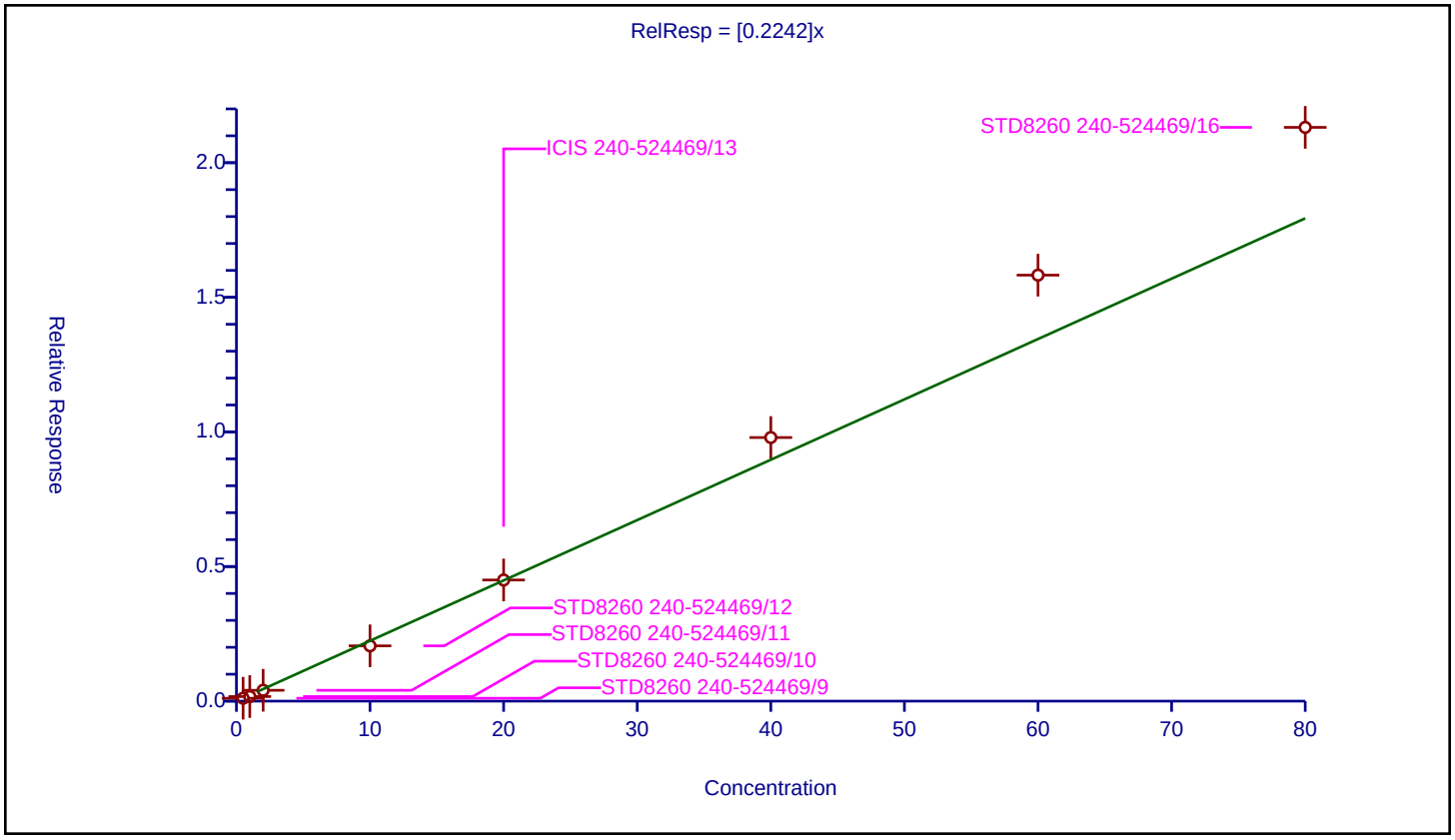
Curve Coefficients

Intercept:	0
Slope:	0.2242

Error Coefficients

Standard Error:	193000
Relative Standard Error:	14.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.107762	20.0	289899.0	0.215523	Y
2	STD8260 240-524469/10	1.0	0.171097	20.0	282998.0	0.171097	Y
3	STD8260 240-524469/11	2.0	0.402952	20.0	306240.0	0.201476	Y
4	STD8260 240-524469/12	10.0	2.054033	20.0	311923.0	0.205403	Y
5	ICIS 240-524469/13	20.0	4.49966	20.0	322411.0	0.224983	Y
6	STD8260 240-524469/14	40.0	9.792545	20.0	357860.0	0.244814	Y
7	STD8260 240-524469/15	60.0	15.824779	20.0	348154.0	0.263746	Y
8	STD8260 240-524469/16	80.0	21.313082	20.0	360008.0	0.266414	Y



Calibration / Bromobenzene

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

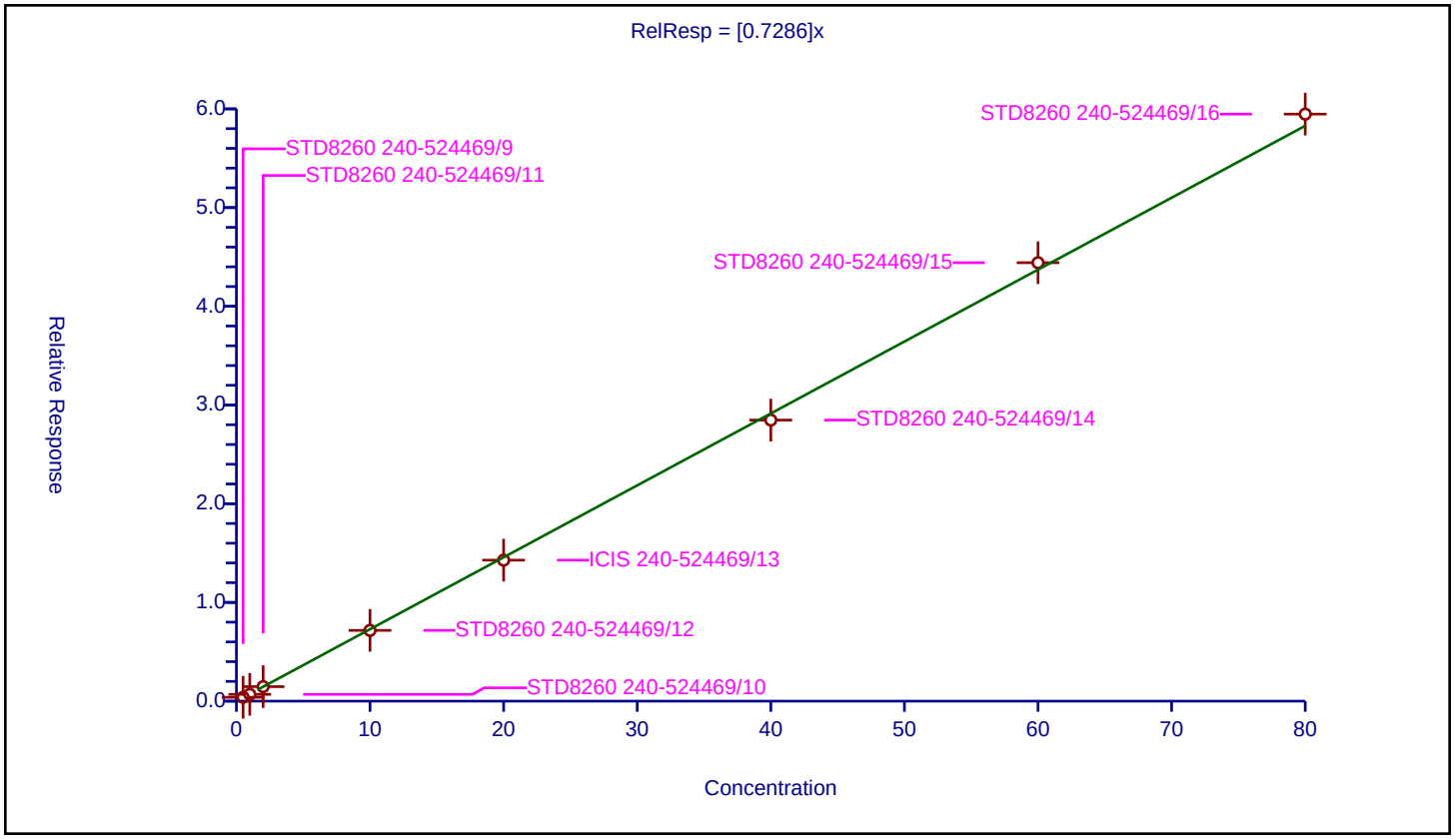
Curve Coefficients

Intercept:	0
Slope:	0.7286

Error Coefficients

Standard Error:	544000
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	STD8260 240-524469/9	0.5	0.390895	20.0	289899.0	0.78179	Y
2	STD8260 240-524469/10	1.0	0.686436	20.0	282998.0	0.686436	Y
3	STD8260 240-524469/11	2.0	1.467934	20.0	306240.0	0.733967	Y
4	STD8260 240-524469/12	10.0	7.166833	20.0	311923.0	0.716683	Y
5	ICIS 240-524469/13	20.0	14.282329	20.0	322411.0	0.714116	Y
6	STD8260 240-524469/14	40.0	28.474599	20.0	357860.0	0.711865	Y
7	STD8260 240-524469/15	60.0	44.416207	20.0	348154.0	0.74027	Y
8	STD8260 240-524469/16	80.0	59.471401	20.0	360008.0	0.743393	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

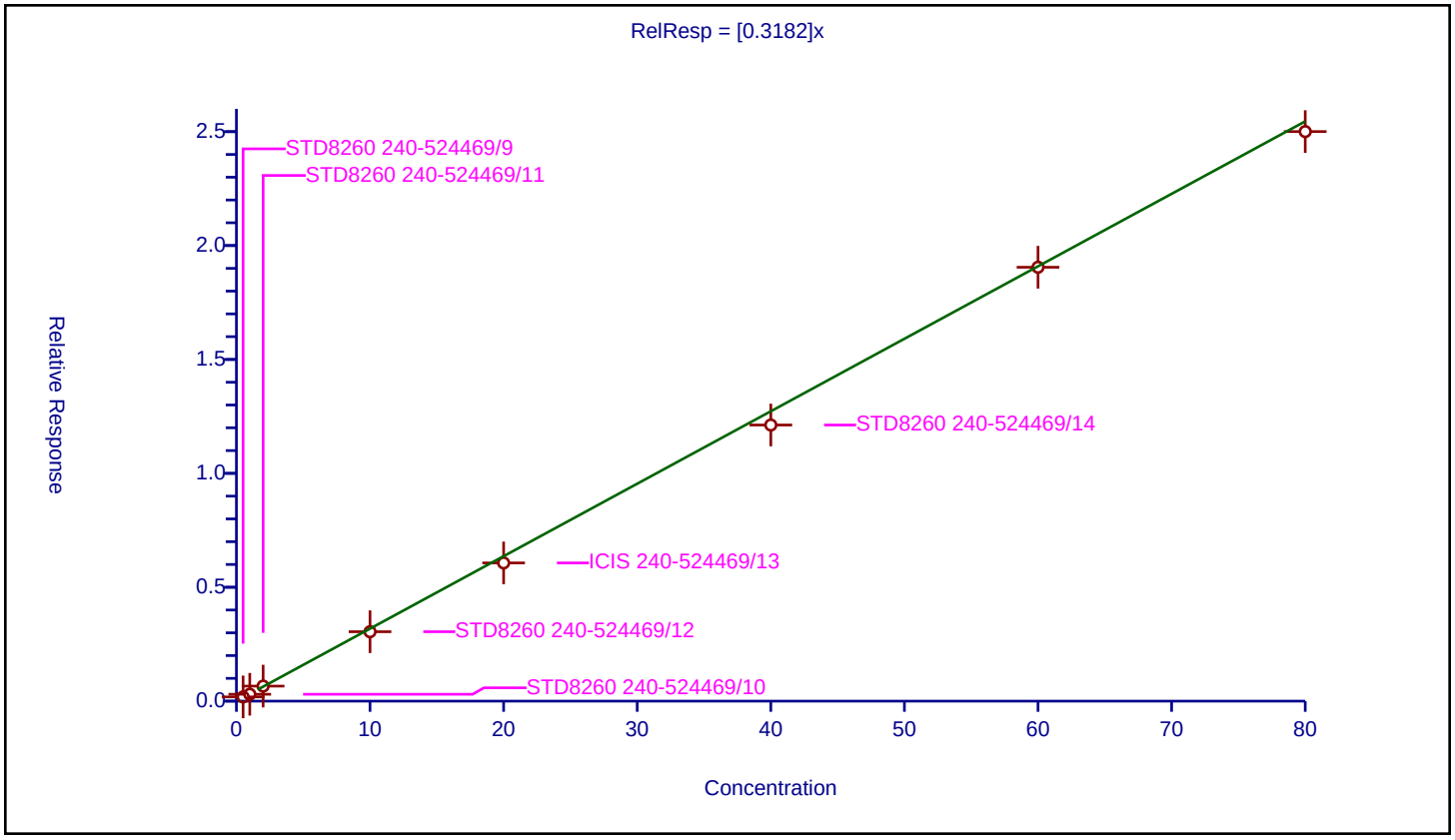
Curve Coefficients

Intercept:	0
Slope:	0.3182

Error Coefficients

Standard Error:	230000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.185582	20.0	289899.0	0.371164	Y
2	STD8260 240-524469/10	1.0	0.302546	20.0	282998.0	0.302546	Y
3	STD8260 240-524469/11	2.0	0.660593	20.0	306240.0	0.330296	Y
4	STD8260 240-524469/12	10.0	3.047547	20.0	311923.0	0.304755	Y
5	ICIS 240-524469/13	20.0	6.067783	20.0	322411.0	0.303389	Y
6	STD8260 240-524469/14	40.0	12.122506	20.0	357860.0	0.303063	Y
7	STD8260 240-524469/15	60.0	19.047376	20.0	348154.0	0.317456	Y
8	STD8260 240-524469/16	80.0	25.003667	20.0	360008.0	0.312546	Y



Calibration / N-Propylbenzene

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

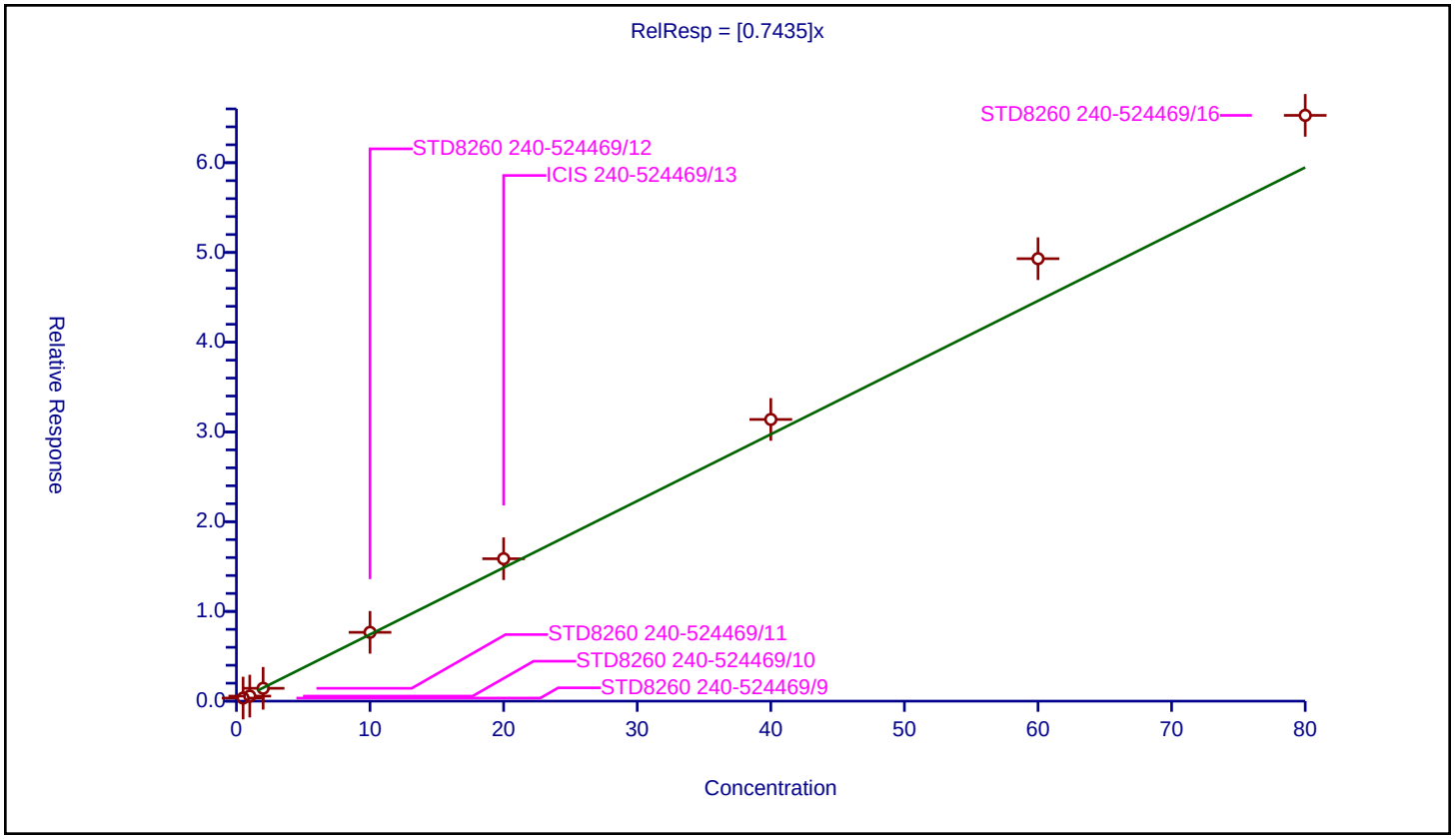
Curve Coefficients

Intercept:	0
Slope:	0.7435

Error Coefficients

Standard Error:	599000
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	STD8260 240-524469/9	0.5	0.343016	20.0	289899.0	0.686032	Y
2	STD8260 240-524469/10	1.0	0.563184	20.0	282998.0	0.563184	Y
3	STD8260 240-524469/11	2.0	1.430904	20.0	306240.0	0.715452	Y
4	STD8260 240-524469/12	10.0	7.669457	20.0	311923.0	0.766946	Y
5	ICIS 240-524469/13	20.0	15.868441	20.0	322411.0	0.793422	Y
6	STD8260 240-524469/14	40.0	31.392109	20.0	357860.0	0.784803	Y
7	STD8260 240-524469/15	60.0	49.307318	20.0	348154.0	0.821789	Y
8	STD8260 240-524469/16	80.0	65.278216	20.0	360008.0	0.815978	Y



Calibration / 2-Chlorotoluene

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

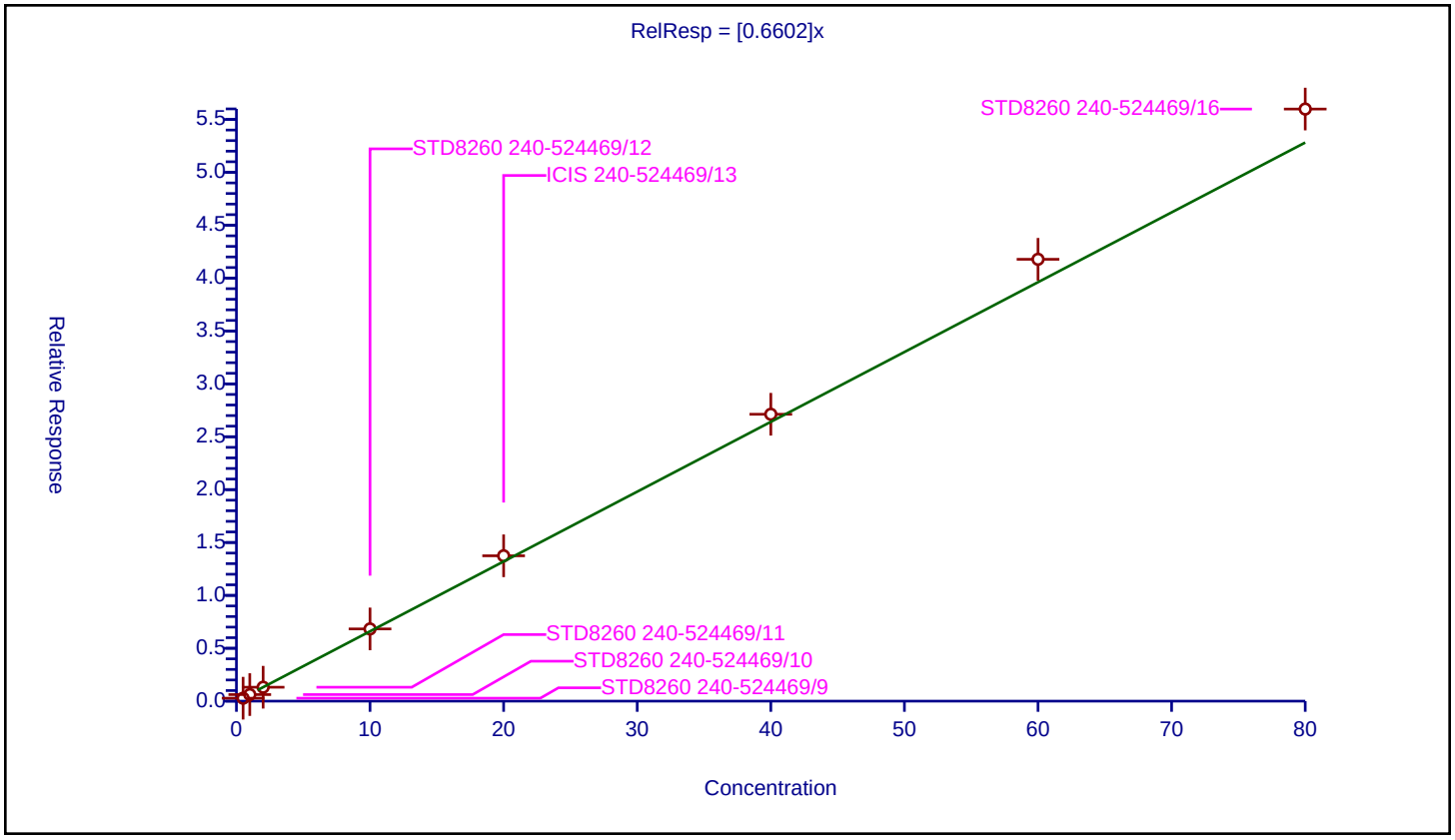
Curve Coefficients

Intercept:	0
Slope:	0.6602

Error Coefficients

Standard Error:	513000
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	STD8260 240-524469/9	0.5	0.279132	20.0	289899.0	0.558263	Y
2	STD8260 240-524469/10	1.0	0.621347	20.0	282998.0	0.621347	Y
3	STD8260 240-524469/11	2.0	1.315635	20.0	306240.0	0.657817	Y
4	STD8260 240-524469/12	10.0	6.827518	20.0	311923.0	0.682752	Y
5	ICIS 240-524469/13	20.0	13.743514	20.0	322411.0	0.687176	Y
6	STD8260 240-524469/14	40.0	27.127592	20.0	357860.0	0.67819	Y
7	STD8260 240-524469/15	60.0	41.779328	20.0	348154.0	0.696322	Y
8	STD8260 240-524469/16	80.0	55.985923	20.0	360008.0	0.699824	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

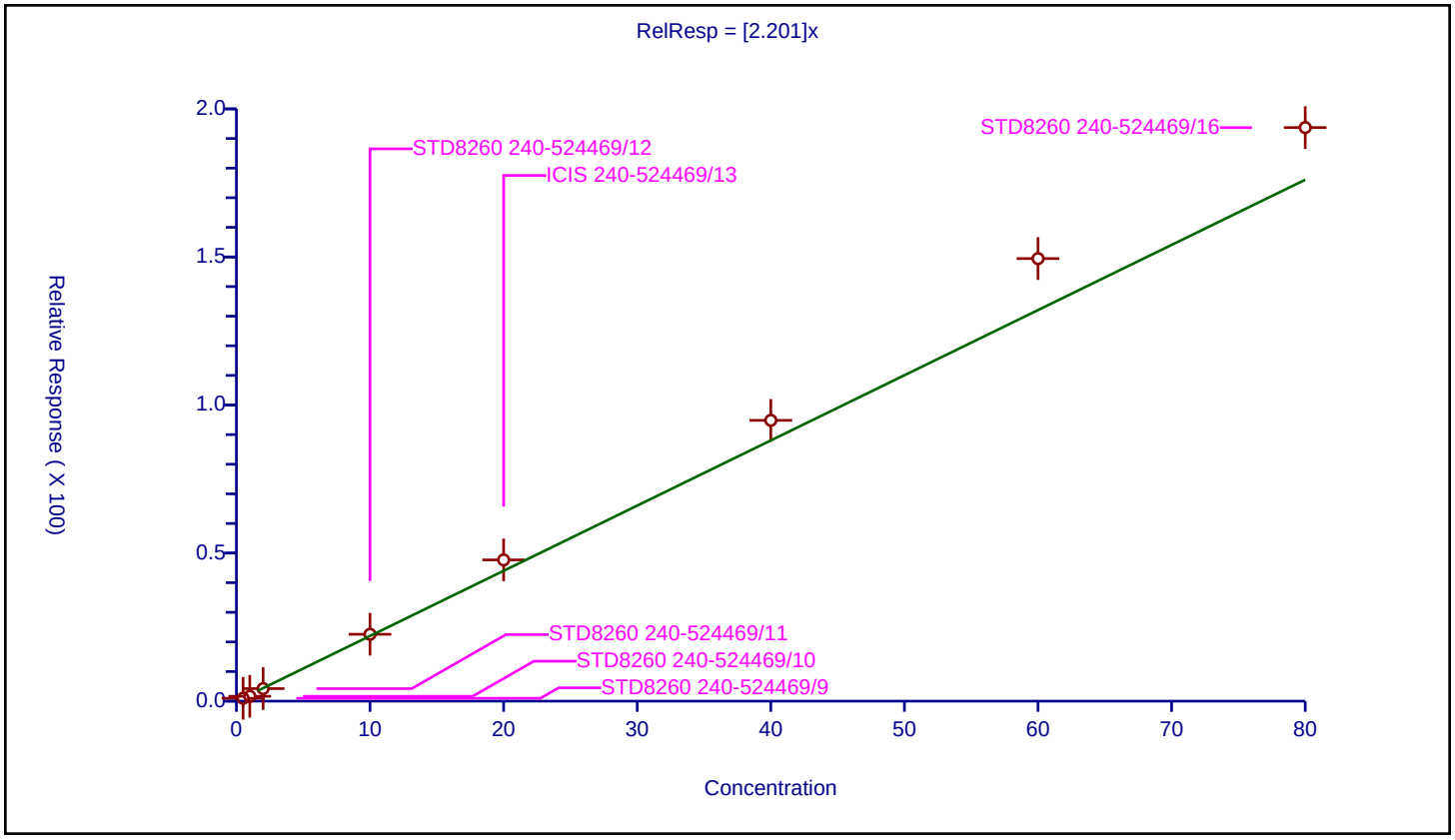
Curve Coefficients

Intercept:	0
Slope:	2.201

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.963025	20.0	289899.0	1.92605	Y
2	STD8260 240-524469/10	1.0	1.641001	20.0	282998.0	1.641001	Y
3	STD8260 240-524469/11	2.0	4.230408	20.0	306240.0	2.115204	Y
4	STD8260 240-524469/12	10.0	22.577239	20.0	311923.0	2.257724	Y
5	ICIS 240-524469/13	20.0	47.696946	20.0	322411.0	2.384847	Y
6	STD8260 240-524469/14	40.0	94.824959	20.0	357860.0	2.370624	Y
7	STD8260 240-524469/15	60.0	149.450703	20.0	348154.0	2.490845	Y
8	STD8260 240-524469/16	80.0	193.687196	20.0	360008.0	2.42109	Y



Calibration / 4-Chlorotoluene

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

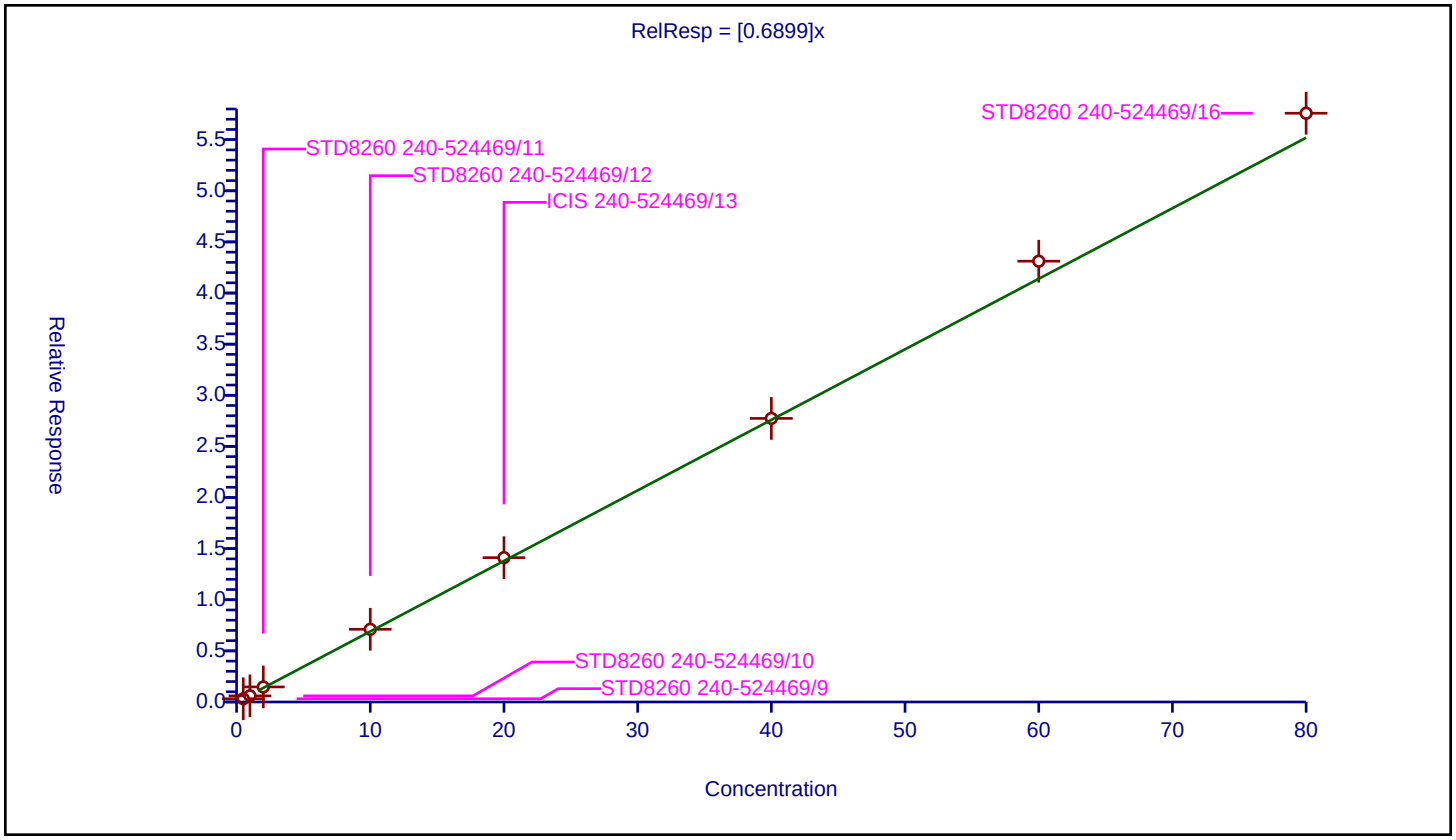
Curve Coefficients

Intercept:	0
Slope:	0.6899

Error Coefficients

Standard Error:	528000
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	STD8260 240-524469/9	0.5	0.316731	20.0	289899.0	0.633462	Y
2	STD8260 240-524469/10	1.0	0.600852	20.0	282998.0	0.600852	Y
3	STD8260 240-524469/11	2.0	1.471852	20.0	306240.0	0.735926	Y
4	STD8260 240-524469/12	10.0	7.110409	20.0	311923.0	0.711041	Y
5	ICIS 240-524469/13	20.0	14.118129	20.0	322411.0	0.705906	Y
6	STD8260 240-524469/14	40.0	27.739228	20.0	357860.0	0.693481	Y
7	STD8260 240-524469/15	60.0	43.118045	20.0	348154.0	0.718634	Y
8	STD8260 240-524469/16	80.0	57.58822	20.0	360008.0	0.719853	Y



Calibration / tert-Butylbenzene

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

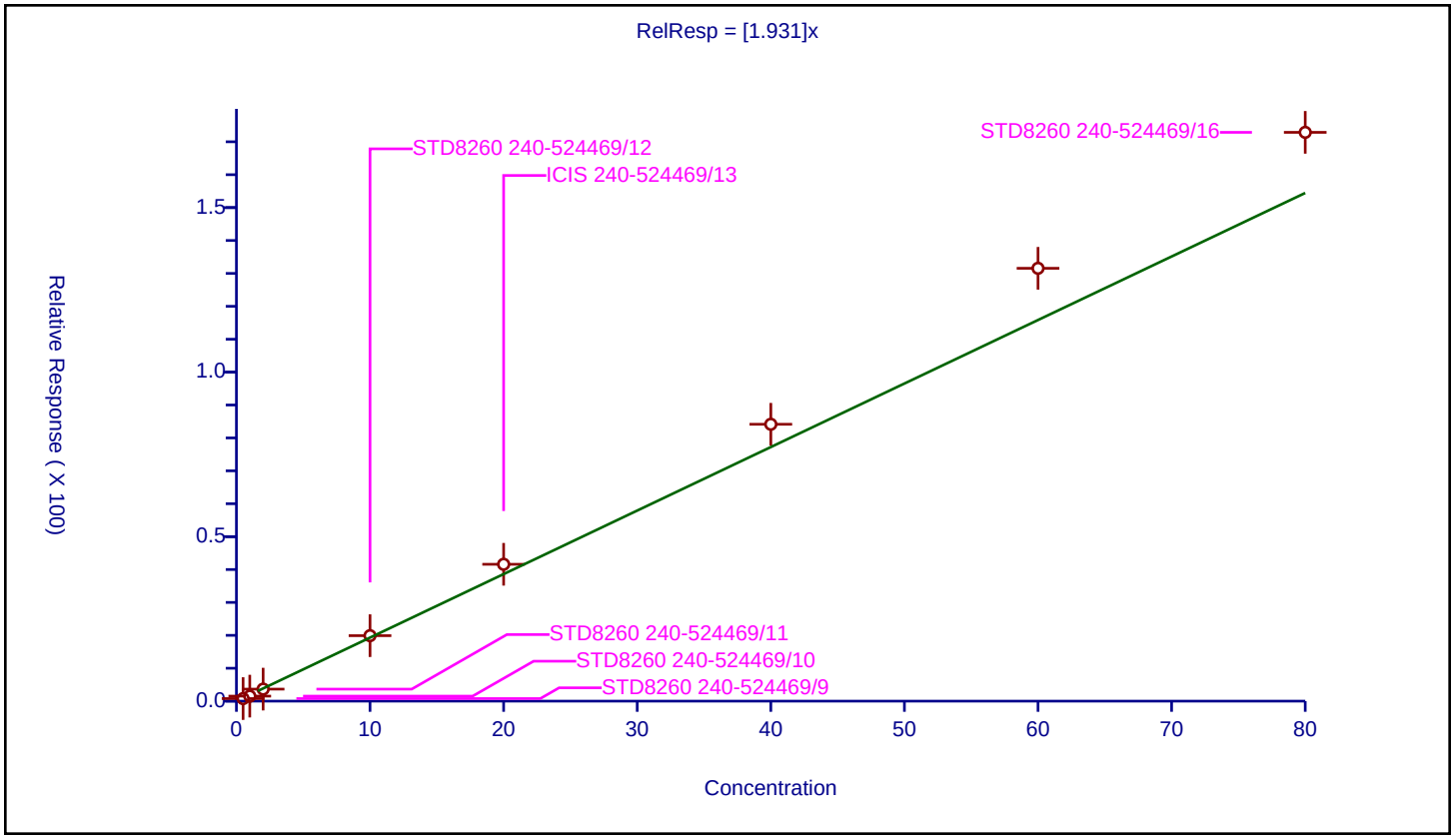
Curve Coefficients

Intercept:	0
Slope:	1.931

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.779651	20.0	289899.0	1.559302	Y
2	STD8260 240-524469/10	1.0	1.529198	20.0	282998.0	1.529198	Y
3	STD8260 240-524469/11	2.0	3.657785	20.0	306240.0	1.828892	Y
4	STD8260 240-524469/12	10.0	19.900745	20.0	311923.0	1.990074	Y
5	ICIS 240-524469/13	20.0	41.594362	20.0	322411.0	2.079718	Y
6	STD8260 240-524469/14	40.0	84.150226	20.0	357860.0	2.103756	Y
7	STD8260 240-524469/15	60.0	131.550004	20.0	348154.0	2.1925	Y
8	STD8260 240-524469/16	80.0	172.865381	20.0	360008.0	2.160817	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

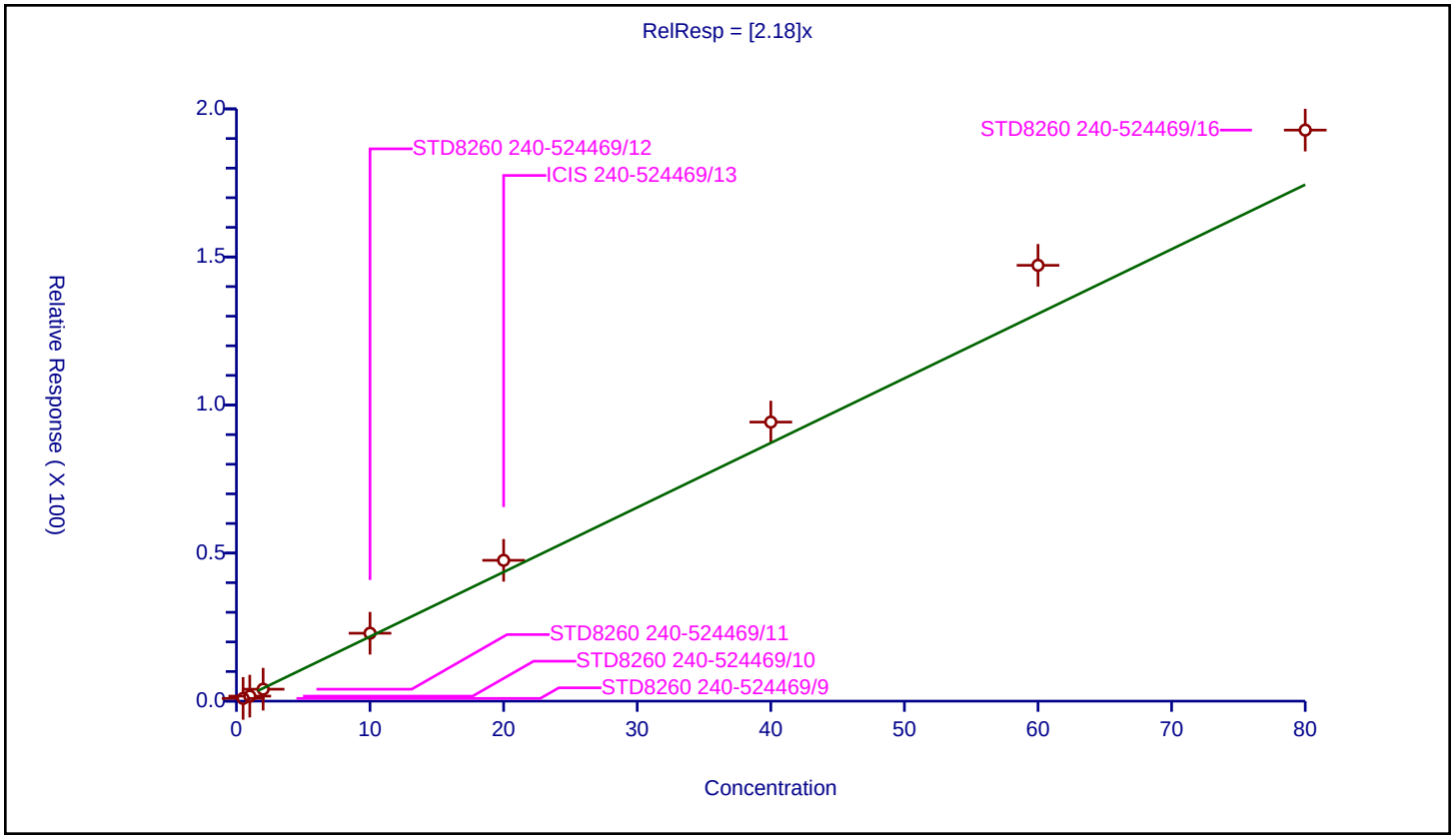
Curve Coefficients

Intercept:	0
Slope:	2.18

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.920527	20.0	289899.0	1.841055	Y
2	STD8260 240-524469/10	1.0	1.692591	20.0	282998.0	1.692591	Y
3	STD8260 240-524469/11	2.0	4.033634	20.0	306240.0	2.016817	Y
4	STD8260 240-524469/12	10.0	22.934699	20.0	311923.0	2.29347	Y
5	ICIS 240-524469/13	20.0	47.55638	20.0	322411.0	2.377819	Y
6	STD8260 240-524469/14	40.0	94.233443	20.0	357860.0	2.355836	Y
7	STD8260 240-524469/15	60.0	147.174986	20.0	348154.0	2.452916	Y
8	STD8260 240-524469/16	80.0	192.838104	20.0	360008.0	2.410476	Y



Calibration / sec-Butylbenzene

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

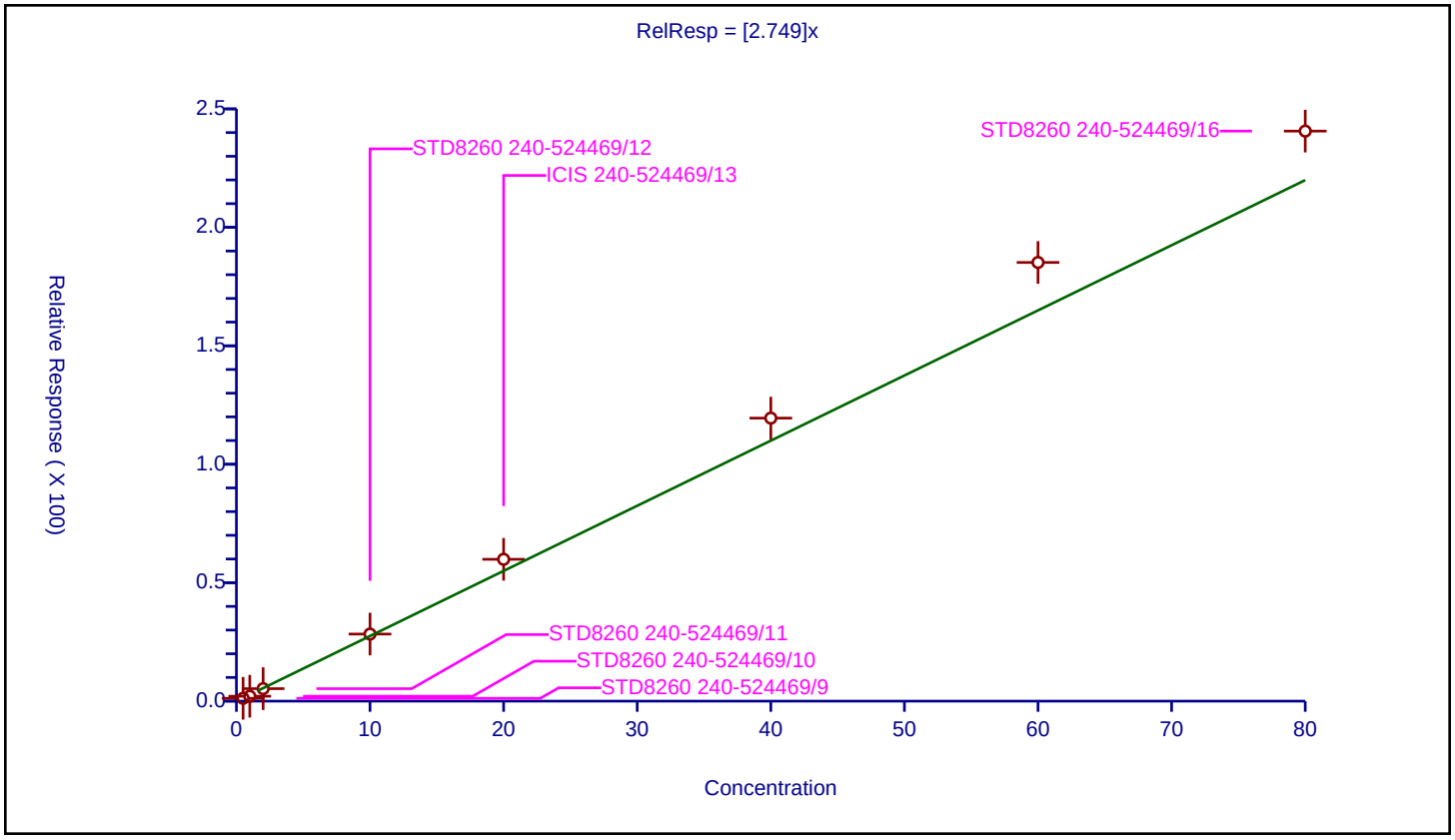
Curve Coefficients

Intercept:	0
Slope:	2.749

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	1.192415	20.0	289899.0	2.384831	Y
2	STD8260 240-524469/10	1.0	2.068566	20.0	282998.0	2.068566	Y
3	STD8260 240-524469/11	2.0	5.267176	20.0	306240.0	2.633588	Y
4	STD8260 240-524469/12	10.0	28.311218	20.0	311923.0	2.831122	Y
5	ICIS 240-524469/13	20.0	59.870414	20.0	322411.0	2.993521	Y
6	STD8260 240-524469/14	40.0	119.470687	20.0	357860.0	2.986767	Y
7	STD8260 240-524469/15	60.0	185.175985	20.0	348154.0	3.086266	Y
8	STD8260 240-524469/16	80.0	240.620486	20.0	360008.0	3.007756	Y



Calibration / 1,3-Dichlorobenzene

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

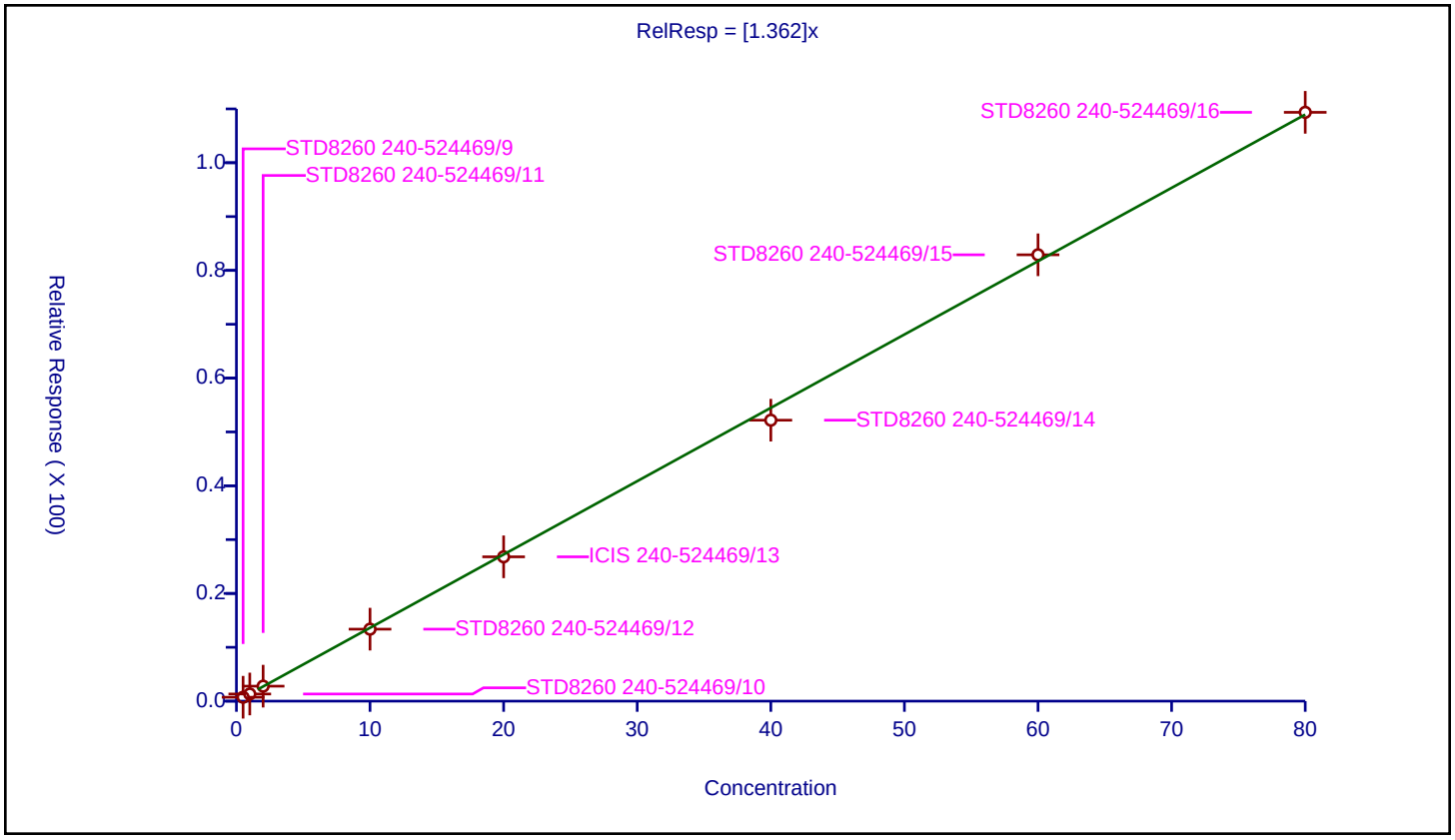
Curve Coefficients

Intercept:	0
Slope:	1.362

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.723217	20.0	289899.0	1.446435	Y
2	STD8260 240-524469/10	1.0	1.327289	20.0	282998.0	1.327289	Y
3	STD8260 240-524469/11	2.0	2.781805	20.0	306240.0	1.390903	Y
4	STD8260 240-524469/12	10.0	13.371249	20.0	311923.0	1.337125	Y
5	ICIS 240-524469/13	20.0	26.80287	20.0	322411.0	1.340143	Y
6	STD8260 240-524469/14	40.0	52.179176	20.0	357860.0	1.304479	Y
7	STD8260 240-524469/15	60.0	82.900211	20.0	348154.0	1.38167	Y
8	STD8260 240-524469/16	80.0	109.36257	20.0	360008.0	1.367032	Y



Calibration / 4-Isopropyltoluene

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

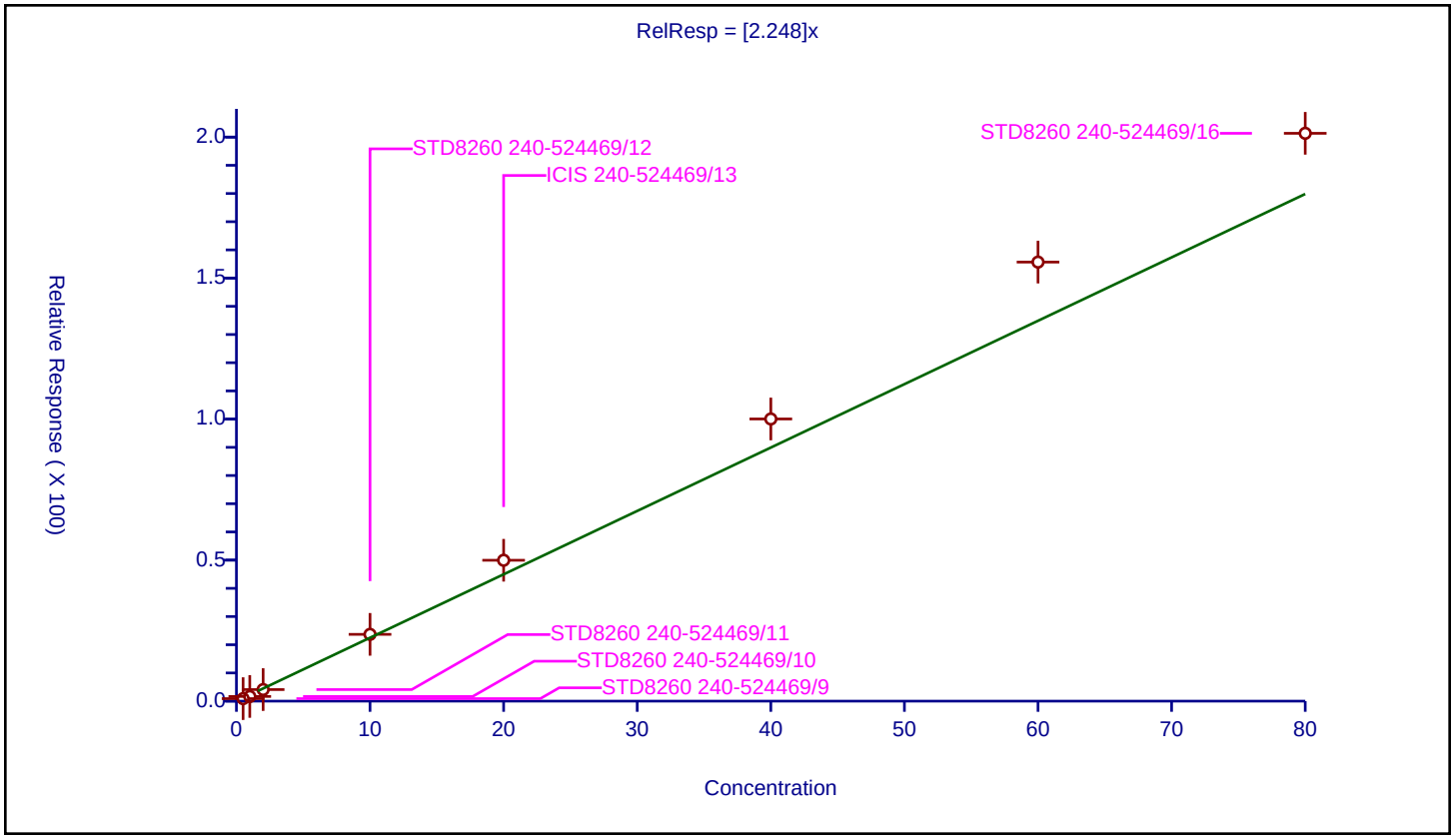
Curve Coefficients

Intercept:	0
Slope:	2.248

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.89645	20.0	289899.0	1.7929	Y
2	STD8260 240-524469/10	1.0	1.660082	20.0	282998.0	1.660082	Y
3	STD8260 240-524469/11	2.0	4.103252	20.0	306240.0	2.051626	Y
4	STD8260 240-524469/12	10.0	23.680075	20.0	311923.0	2.368007	Y
5	ICIS 240-524469/13	20.0	49.950963	20.0	322411.0	2.497548	Y
6	STD8260 240-524469/14	40.0	100.056614	20.0	357860.0	2.501415	Y
7	STD8260 240-524469/15	60.0	155.675075	20.0	348154.0	2.594585	Y
8	STD8260 240-524469/16	80.0	201.343026	20.0	360008.0	2.516788	Y



Calibration / 1,4-Dichlorobenzene

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

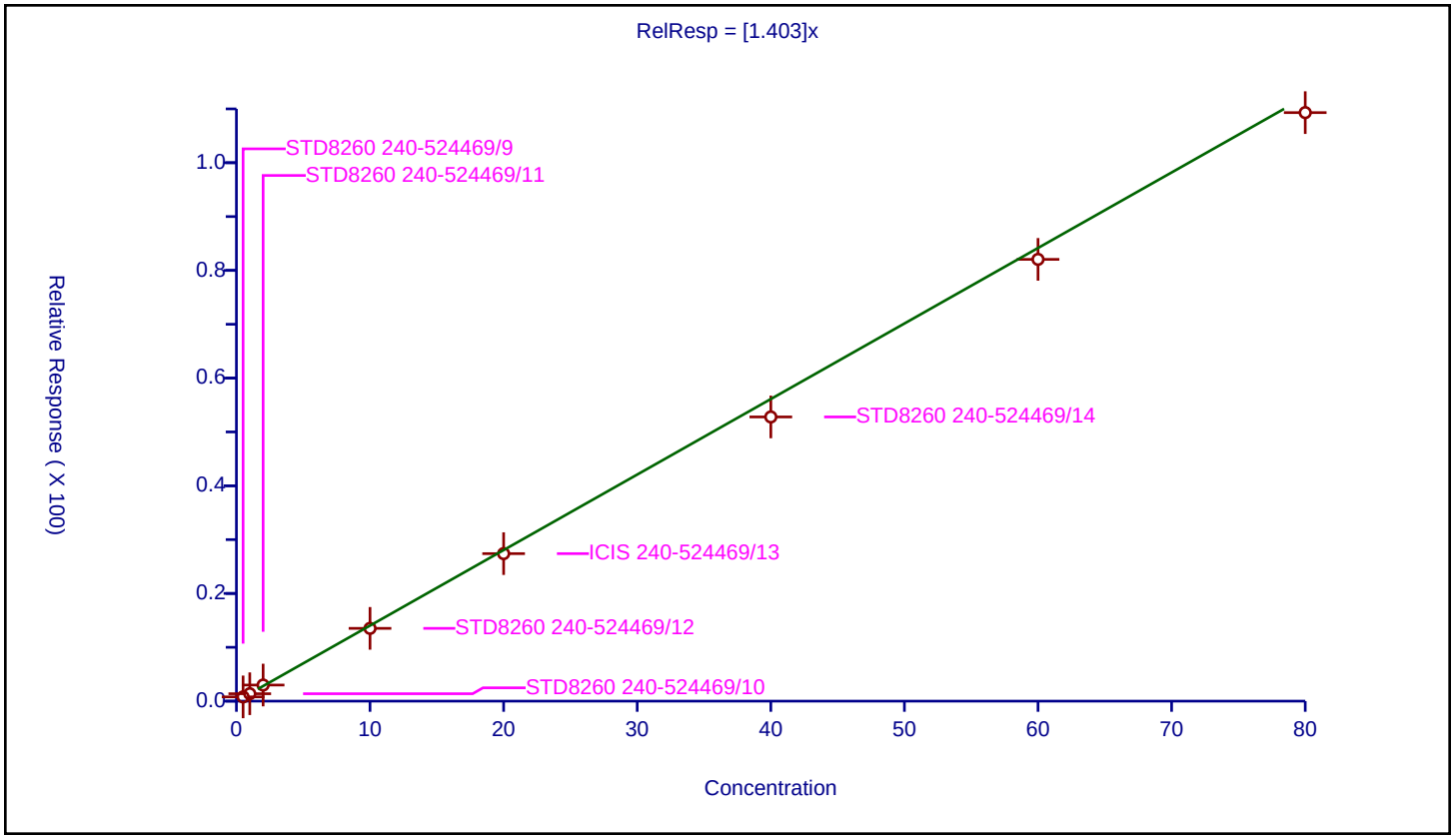
Curve Coefficients

Intercept:	0
Slope:	1.403

Error Coefficients

Standard Error:	1000000
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	STD8260 240-524469/9	0.5	0.788068	20.0	289899.0	1.576135	Y
2	STD8260 240-524469/10	1.0	1.375487	20.0	282998.0	1.375487	Y
3	STD8260 240-524469/11	2.0	2.990596	20.0	306240.0	1.495298	Y
4	STD8260 240-524469/12	10.0	13.514746	20.0	311923.0	1.351475	Y
5	ICIS 240-524469/13	20.0	27.40012	20.0	322411.0	1.370006	Y
6	STD8260 240-524469/14	40.0	52.782652	20.0	357860.0	1.319566	Y
7	STD8260 240-524469/15	60.0	82.050817	20.0	348154.0	1.367514	Y
8	STD8260 240-524469/16	80.0	109.308738	20.0	360008.0	1.366359	Y



Calibration / n-Butylbenzene

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

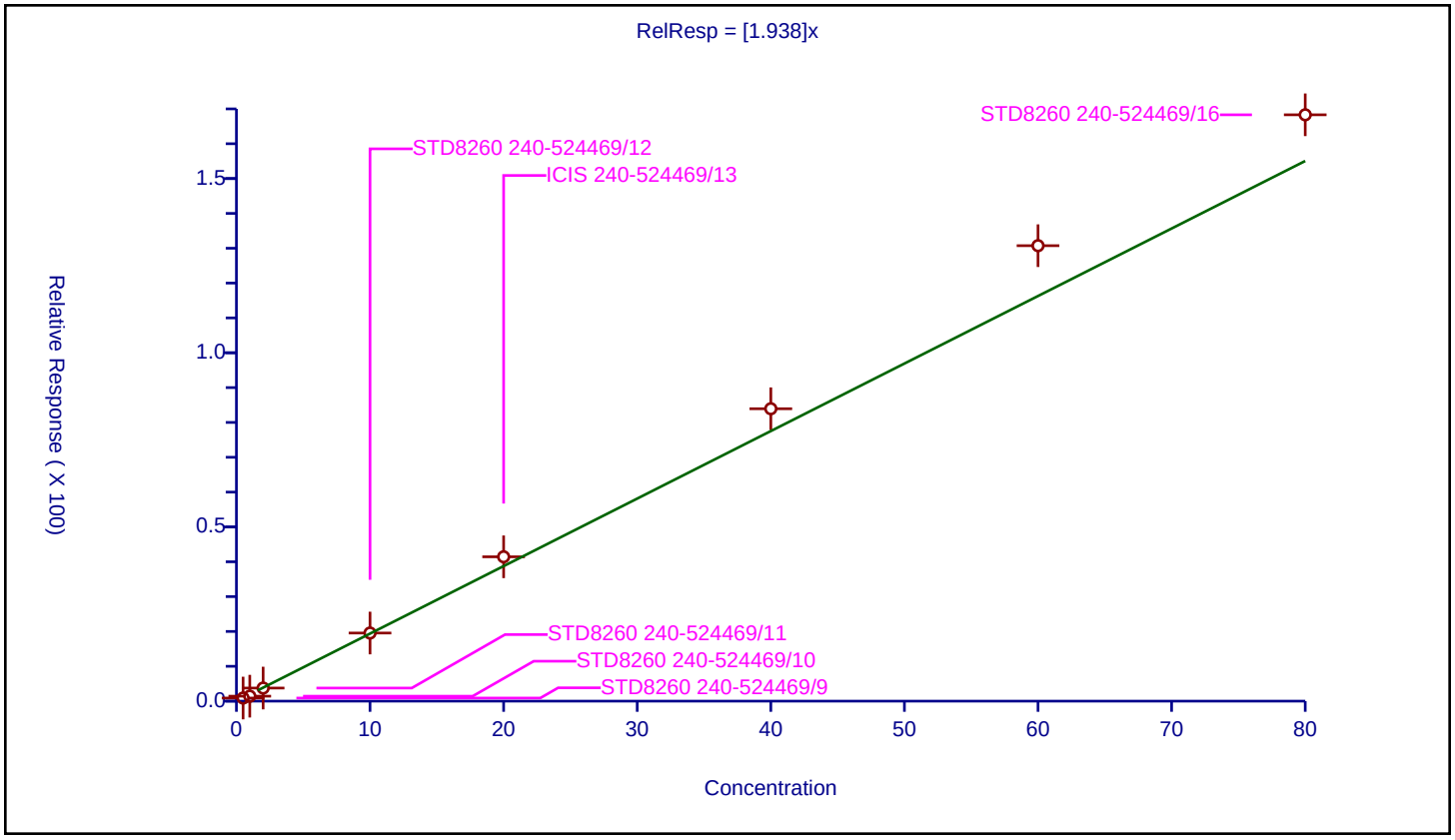
Curve Coefficients

Intercept:	0
Slope:	1.938

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.894036	20.0	289899.0	1.788071	Y
2	STD8260 240-524469/10	1.0	1.428773	20.0	282998.0	1.428773	Y
3	STD8260 240-524469/11	2.0	3.758751	20.0	306240.0	1.879376	Y
4	STD8260 240-524469/12	10.0	19.555724	20.0	311923.0	1.955572	Y
5	ICIS 240-524469/13	20.0	41.432954	20.0	322411.0	2.071648	Y
6	STD8260 240-524469/14	40.0	83.933046	20.0	357860.0	2.098326	Y
7	STD8260 240-524469/15	60.0	130.735766	20.0	348154.0	2.178929	Y
8	STD8260 240-524469/16	80.0	168.300927	20.0	360008.0	2.103762	Y



Calibration / 1,2-Dichlorobenzene

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

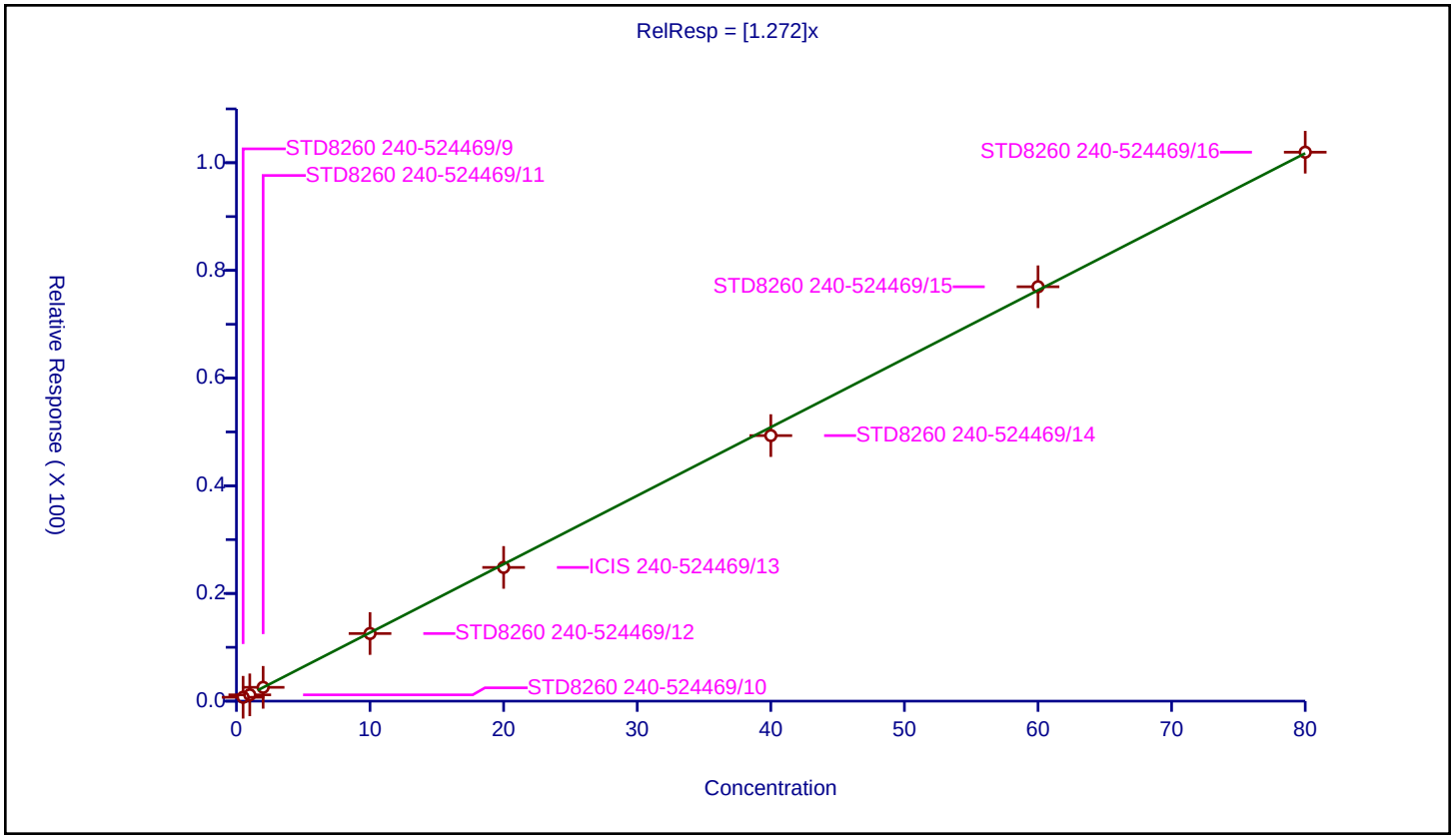
Curve Coefficients

Intercept:	0
Slope:	1.272

Error Coefficients

Standard Error:	937000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.718043	20.0	289899.0	1.436086	Y
2	STD8260 240-524469/10	1.0	1.167641	20.0	282998.0	1.167641	Y
3	STD8260 240-524469/11	2.0	2.567268	20.0	306240.0	1.283634	Y
4	STD8260 240-524469/12	10.0	12.558869	20.0	311923.0	1.255887	Y
5	ICIS 240-524469/13	20.0	24.836311	20.0	322411.0	1.241816	Y
6	STD8260 240-524469/14	40.0	49.322864	20.0	357860.0	1.233072	Y
7	STD8260 240-524469/15	60.0	76.964562	20.0	348154.0	1.282743	Y
8	STD8260 240-524469/16	80.0	101.955901	20.0	360008.0	1.274449	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

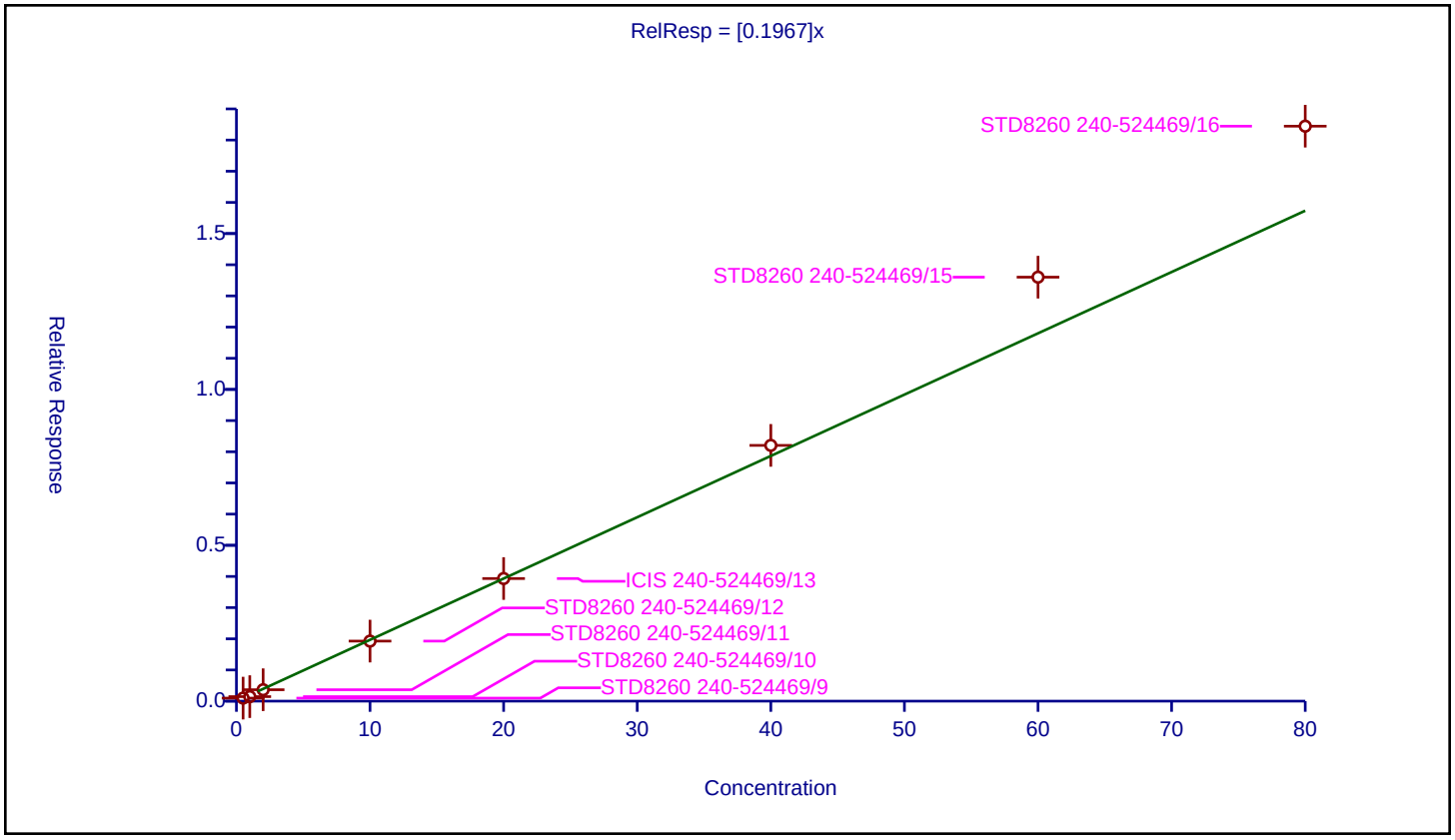
Curve Coefficients

Intercept:	0
Slope:	0.1967

Error Coefficients

Standard Error:	166000
Relative Standard Error:	13.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.097068	20.0	289899.0	0.194137	Y
2	STD8260 240-524469/10	1.0	0.144524	20.0	282998.0	0.144524	Y
3	STD8260 240-524469/11	2.0	0.365922	20.0	306240.0	0.182961	Y
4	STD8260 240-524469/12	10.0	1.926309	20.0	311923.0	0.192631	Y
5	ICIS 240-524469/13	20.0	3.933054	20.0	322411.0	0.196653	Y
6	STD8260 240-524469/14	40.0	8.205108	20.0	357860.0	0.205128	Y
7	STD8260 240-524469/15	60.0	13.601682	20.0	348154.0	0.226695	Y
8	STD8260 240-524469/16	80.0	18.445812	20.0	360008.0	0.230573	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

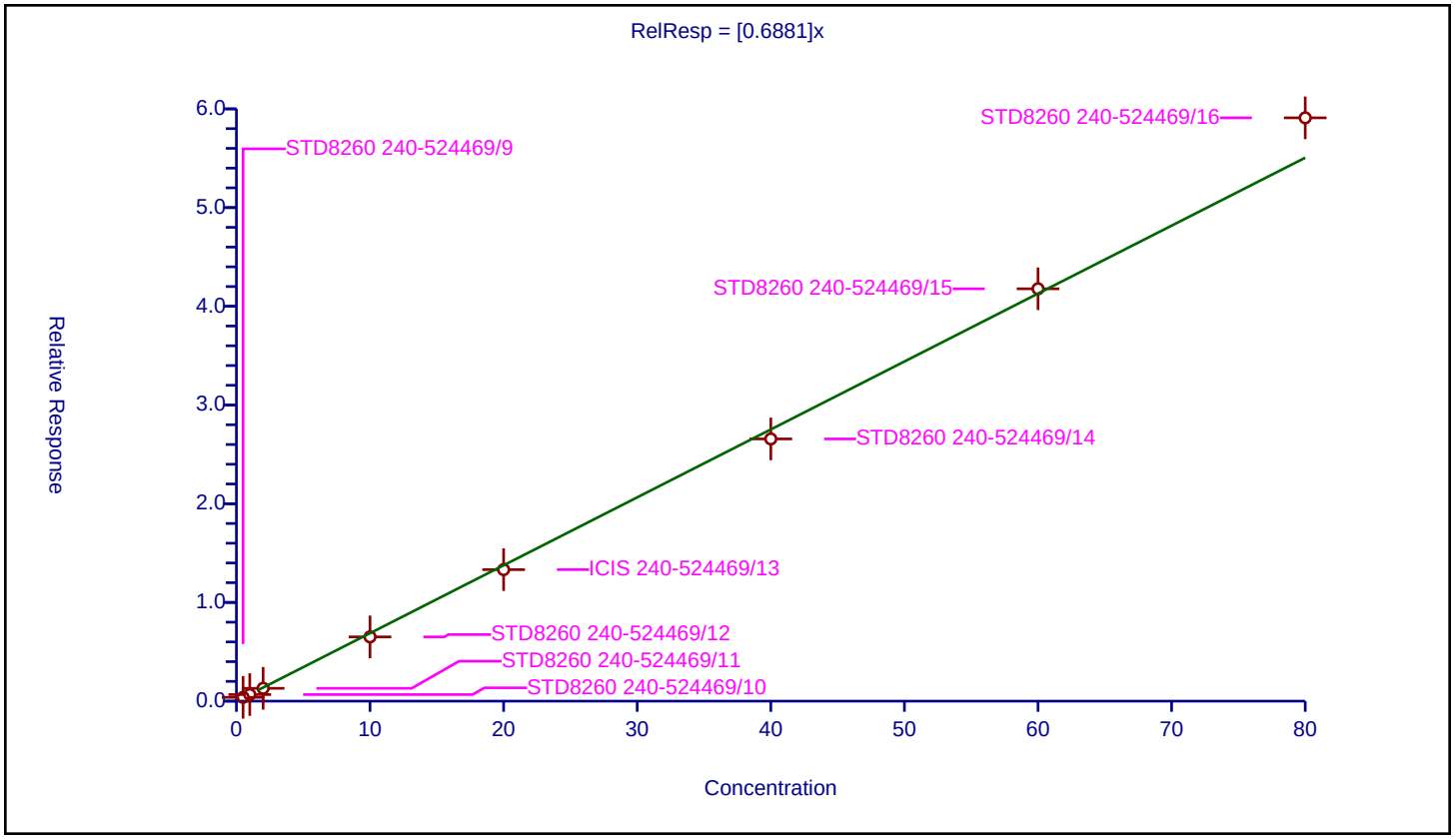
Curve Coefficients

Intercept:	0
Slope:	0.6881

Error Coefficients

Standard Error:	527000
Relative Standard Error:	6.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.385445	20.0	289899.0	0.770889	Y
2	STD8260 240-524469/10	1.0	0.66792	20.0	282998.0	0.66792	Y
3	STD8260 240-524469/11	2.0	1.300418	20.0	306240.0	0.650209	Y
4	STD8260 240-524469/12	10.0	6.510068	20.0	311923.0	0.651007	Y
5	ICIS 240-524469/13	20.0	13.322126	20.0	322411.0	0.666106	Y
6	STD8260 240-524469/14	40.0	26.565864	20.0	357860.0	0.664147	Y
7	STD8260 240-524469/15	60.0	41.774789	20.0	348154.0	0.696246	Y
8	STD8260 240-524469/16	80.0	59.09352	20.0	360008.0	0.738669	Y



Calibration / Hexachlorobutadiene

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

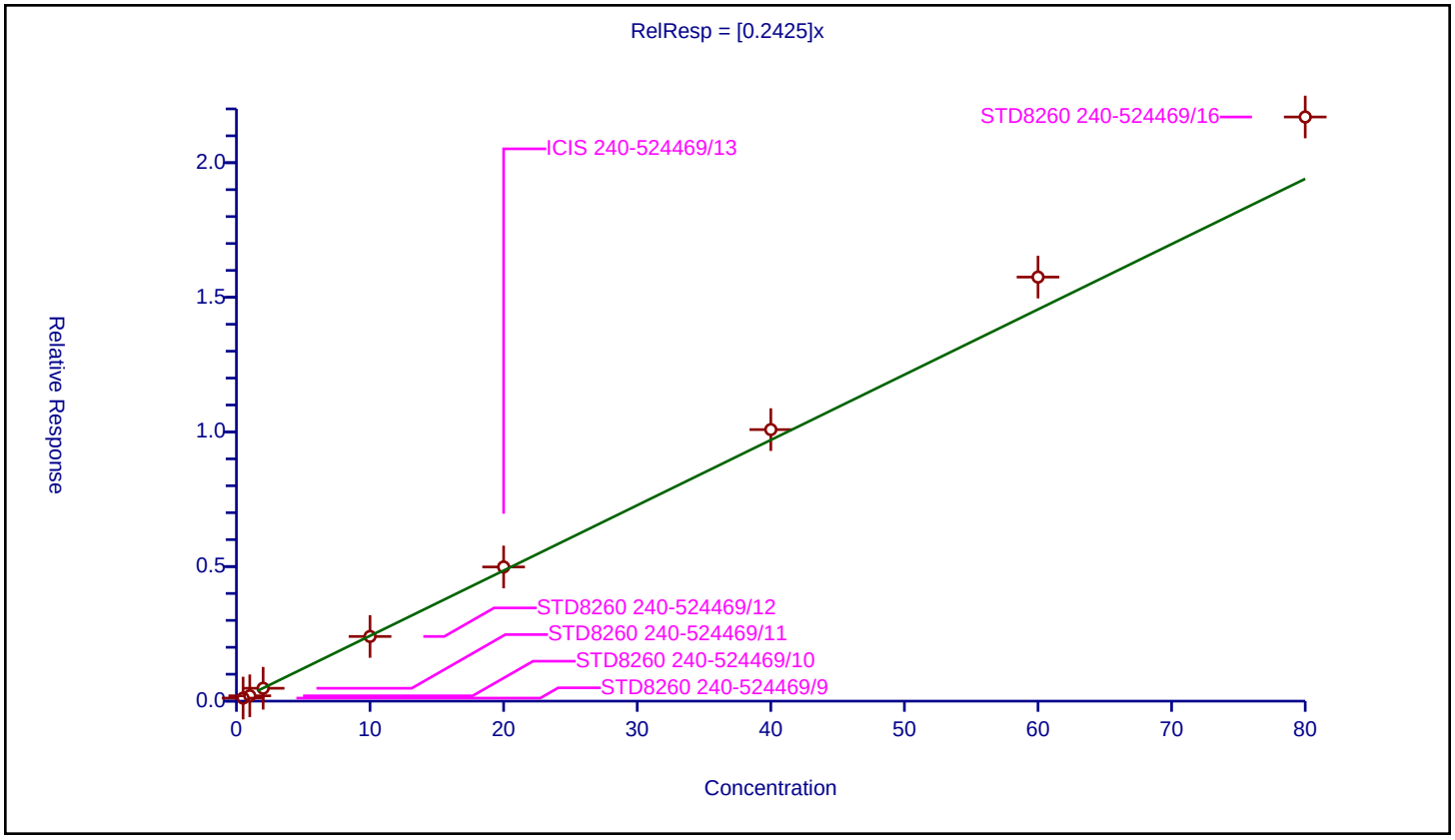
Curve Coefficients

Intercept:	0
Slope:	0.2425

Error Coefficients

Standard Error:	196000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.113626	20.0	289899.0	0.227252	Y
2	STD8260 240-524469/10	1.0	0.198164	20.0	282998.0	0.198164	Y
3	STD8260 240-524469/11	2.0	0.478775	20.0	306240.0	0.239387	Y
4	STD8260 240-524469/12	10.0	2.402452	20.0	311923.0	0.240245	Y
5	ICIS 240-524469/13	20.0	4.984135	20.0	322411.0	0.249207	Y
6	STD8260 240-524469/14	40.0	10.087297	20.0	357860.0	0.252182	Y
7	STD8260 240-524469/15	60.0	15.752569	20.0	348154.0	0.262543	Y
8	STD8260 240-524469/16	80.0	21.699518	20.0	360008.0	0.271244	Y



Calibration / Naphthalene

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

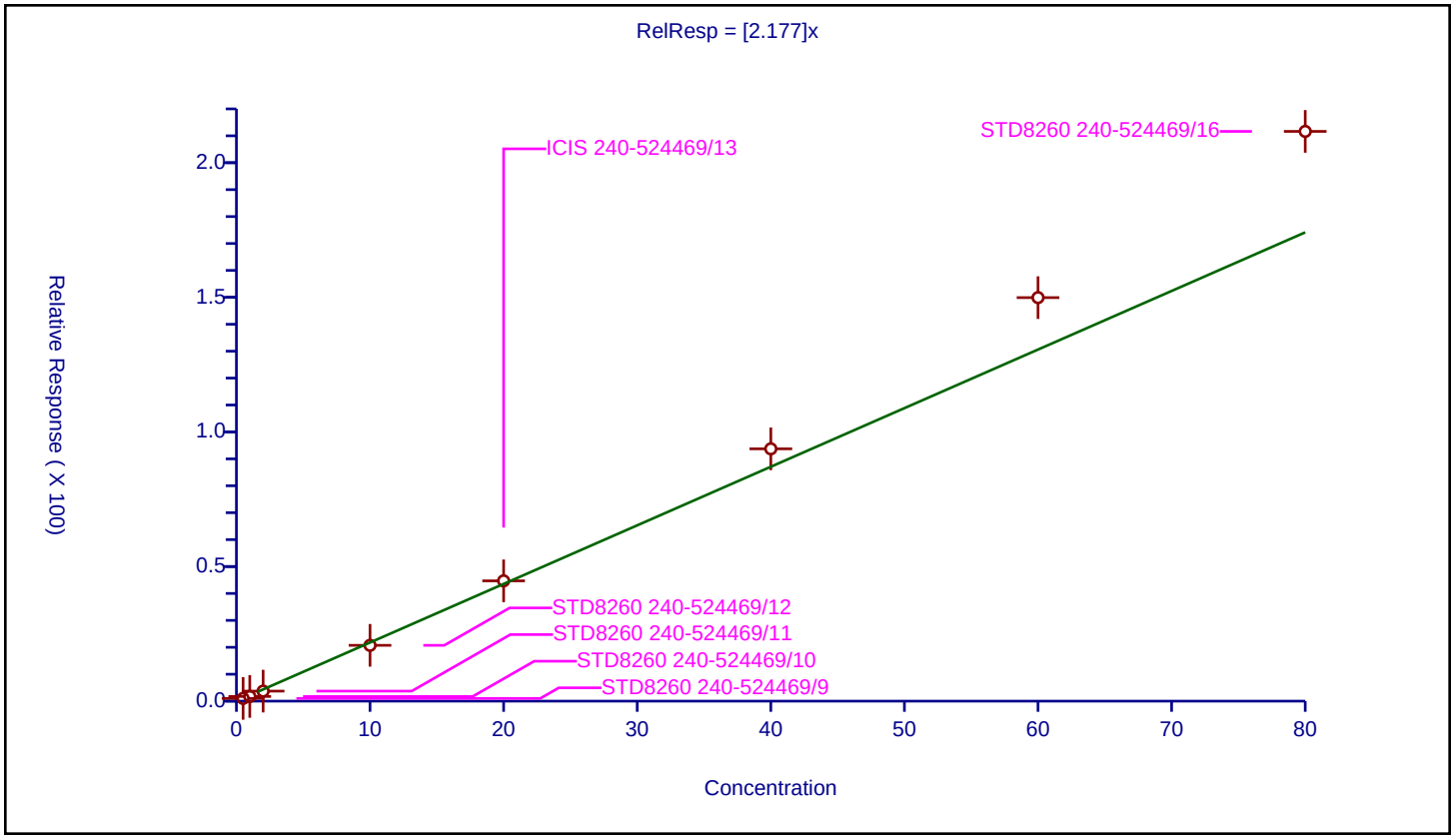
Curve Coefficients

Intercept:	0
Slope:	2.177

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	14.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	1.012077	20.0	289899.0	2.024153	Y
2	STD8260 240-524469/10	1.0	1.73351	20.0	282998.0	1.73351	Y
3	STD8260 240-524469/11	2.0	3.721917	20.0	306240.0	1.860959	Y
4	STD8260 240-524469/12	10.0	20.729795	20.0	311923.0	2.07298	Y
5	ICIS 240-524469/13	20.0	44.688984	20.0	322411.0	2.234449	Y
6	STD8260 240-524469/14	40.0	93.726094	20.0	357860.0	2.343152	Y
7	STD8260 240-524469/15	60.0	149.897	20.0	348154.0	2.498283	Y
8	STD8260 240-524469/16	80.0	211.636575	20.0	360008.0	2.645457	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

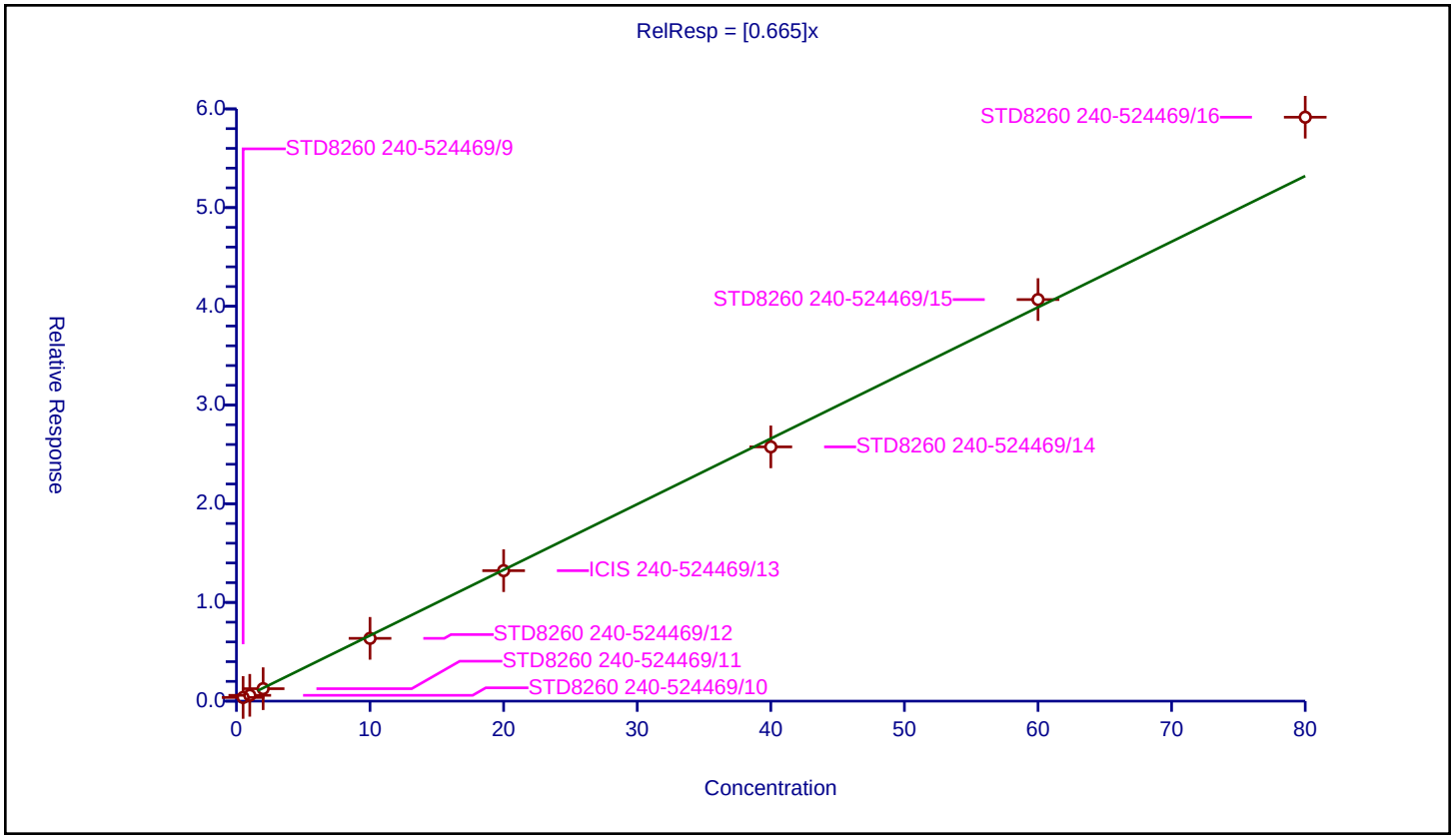
Curve Coefficients

Intercept:	0
Slope:	0.665

Error Coefficients

Standard Error:	521000
Relative Standard Error:	8.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.37075	20.0	289899.0	0.7415	Y
2	STD8260 240-524469/10	1.0	0.58905	20.0	282998.0	0.58905	Y
3	STD8260 240-524469/11	2.0	1.262343	20.0	306240.0	0.631172	Y
4	STD8260 240-524469/12	10.0	6.360031	20.0	311923.0	0.636003	Y
5	ICIS 240-524469/13	20.0	13.216236	20.0	322411.0	0.660812	Y
6	STD8260 240-524469/14	40.0	25.758956	20.0	357860.0	0.643974	Y
7	STD8260 240-524469/15	60.0	40.683031	20.0	348154.0	0.678051	Y
8	STD8260 240-524469/16	80.0	59.158852	20.0	360008.0	0.739486	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.3554	0.1000	0.0211	0.0200	5.6	30.0
Chloromethane	Ave	0.3300	0.3364	0.1000	0.0204	0.0200	2.0	30.0
Vinyl chloride	Ave	0.3530	0.3721	0.1000	0.0211	0.0200	5.4	30.0
Butadiene	Ave	0.3326	0.3138		0.0189	0.0200	-5.6	30.0
Bromomethane	Ave	0.3399	0.3375	0.0500	0.0199	0.0200	-0.7	30.0
Chloroethane	Ave	0.2692	0.2637	0.0500	0.0196	0.0200	-2.0	30.0
Dichlorofluoromethane	Ave	0.6609	0.6463		0.0196	0.0200	-2.2	30.0
Trichlorofluoromethane	Ave	0.5916	0.6011	0.1000	0.0203	0.0200	1.6	30.0
Ethyl ether	Ave	0.2017	0.2083		0.0207	0.0200	3.3	30.0
Acrolein	Ave	0.0388	0.0325		0.0838	0.100	-16.2	30.0
1,1-Dichloroethene	Ave	0.3714	0.4068	0.1000	0.0219	0.0200	9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.3369	0.0500	0.0224	0.0200	12.1	30.0
Acetone	Lin1		0.1089	0.0100	0.0414	0.0400	3.5	50.0
Iodomethane	Ave	0.4499	0.4925		0.0219	0.0200	9.5	30.0
Carbon disulfide	Ave	0.6595	0.7330	0.1000	0.0222	0.0200	11.2	30.0
Methyl acetate	Ave	0.2405	0.2355	0.1000	0.0392	0.0400	-2.1	50.0
3-Chloro-1-propene	Ave	0.2989	0.3085		0.0206	0.0200	3.2	30.0
Methylene Chloride	Lin1		0.3390	0.1000	0.0213	0.0200	6.7	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0382		0.202	0.200	0.8	30.0
Acrylonitrile	Ave	0.1255	0.1299		0.207	0.200	3.5	30.0
Methyl tert-butyl ether	Ave	0.7330	0.7880	0.1000	0.0215	0.0200	7.5	30.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3746	0.1000	0.0208	0.0200	4.0	30.0
Hexane	Ave	0.3360	0.3717		0.0221	0.0200	10.6	30.0
Vinyl acetate	Ave	0.4051	0.4631		0.0229	0.0200	14.3	30.0
1,1-Dichloroethane	Ave	0.4427	0.4614	0.2000	0.0208	0.0200	4.2	30.0
2-Butanone (MEK)	Ave	0.0501	0.0500	0.0100	0.0399	0.0400	-0.2	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.3229	0.1000	0.0211	0.0200	5.4	30.0
2,2-Dichloropropane	Ave	0.2953	0.3138		0.0213	0.0200	6.3	30.0
Chlorobromomethane	Ave	0.2090	0.2147		0.0205	0.0200	2.7	30.0
Tetrahydrofuran	Ave	0.0975	0.1035		0.0425	0.0400	6.2	30.0
Chloroform	Ave	0.4966	0.5097	0.2000	0.0205	0.0200	2.6	30.0
1,1,1-Trichloroethane	Ave	0.4253	0.4502	0.1000	0.0212	0.0200	5.8	30.0
Cyclohexane	Ave	0.4208	0.4536	0.1000	0.0216	0.0200	7.8	30.0
1,1-Dichloropropene	Ave	0.3628	0.3939		0.0217	0.0200	8.6	30.0
Isobutyl alcohol	Ave	0.0136	0.0144		0.530	0.500	5.9	30.0
Carbon tetrachloride	Ave	0.3712	0.3974	0.1000	0.0214	0.0200	7.0	30.0
Benzene	Ave	1.034	1.074	0.5000	0.0208	0.0200	3.8	30.0
1,2-Dichloroethane	Ave	0.3745	0.3746	0.1000	0.0200	0.0200	0.0	30.0
n-Heptane	Lin1		0.1925		0.0200	0.0200	0.2	30.0
Trichloroethene	Ave	0.2994	0.3115	0.1500	0.0208	0.0200	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2418	0.1000	0.0205	0.0200	2.4	30.0
Methylcyclohexane	Ave	0.4422	0.4803	0.1000	0.0217	0.0200	8.6	30.0
1,4-Dioxane	Ave	0.0041	0.0047		0.465	0.400	16.2	50.0
Dibromomethane	Ave	0.1939	0.1983		0.0205	0.0200	2.3	30.0
Dichlorobromomethane	Ave	0.3128	0.3194	0.1500	0.0204	0.0200	2.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1679		0.0209	0.0200	4.6	30.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3549	0.1500	0.0215	0.0200	7.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.3238	0.0500	0.0437	0.0400	9.2	50.0
Toluene	Ave	1.392	1.441	0.4000	0.0207	0.0200	3.6	30.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4204	0.1000	0.0216	0.0200	8.1	30.0
Ethyl methacrylate	Ave	0.3830	0.4331		0.0226	0.0200	13.1	30.0
1,1,2-Trichloroethane	Ave	0.2962	0.3143	0.1000	0.0212	0.0200	6.1	30.0
Tetrachloroethene	Ave	0.3741	0.3890	0.1500	0.0208	0.0200	4.0	30.0
1,3-Dichloropropane	Ave	0.4910	0.5115		0.0208	0.0200	4.2	30.0
2-Hexanone	Ave	0.2683	0.3035	0.0500	0.0453	0.0400	13.1	50.0
Chlorodibromomethane	Ave	0.2861	0.3023		0.0211	0.0200	5.7	30.0
Ethylene Dibromide	Ave	0.3134	0.3293		0.0210	0.0200	5.1	30.0
Chlorobenzene	Ave	0.9114	0.9251	0.3000	0.0203	0.0200	1.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3383		0.0213	0.0200	6.4	30.0
Ethylbenzene	Ave	0.4689	0.4958		0.0211	0.0200	5.7	30.0
m-Xylene & p-Xylene	Ave	0.5692	0.6138		0.0216	0.0200	7.8	30.0
o-Xylene	Ave	0.5458	0.6087		0.0223	0.0200	11.5	30.0
Styrene	Ave	0.8721	0.9495	0.3000	0.0218	0.0200	8.9	30.0
Bromoform	Ave	0.1938	0.2078	0.1000	0.0214	0.0200	7.2	30.0
Isopropylbenzene	Ave	1.469	1.611	0.1000	0.0219	0.0200	9.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9280	0.3000	0.0212	0.0200	6.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2481		0.0221	0.0200	10.7	30.0
Bromobenzene	Ave	0.7286	0.7506		0.0206	0.0200	3.0	30.0
1,2,3-Trichloropropane	Ave	0.3182	0.3195		0.0201	0.0200	0.4	30.0
N-Propylbenzene	Ave	0.7435	0.8191		0.0220	0.0200	10.2	30.0
2-Chlorotoluene	Ave	0.6602	0.7121		0.0216	0.0200	7.9	30.0
1,3,5-Trimethylbenzene	Ave	2.201	2.480		0.0225	0.0200	12.7	30.0
4-Chlorotoluene	Ave	0.6899	0.7343		0.0213	0.0200	6.4	30.0
tert-Butylbenzene	Ave	1.931	2.181		0.0226	0.0200	13.0	30.0
1,2,4-Trimethylbenzene	Ave	2.180	2.489		0.0228	0.0200	14.2	30.0
sec-Butylbenzene	Ave	2.749	3.108		0.0226	0.0200	13.0	30.0
1,3-Dichlorobenzene	Ave	1.362	1.402	0.6000	0.0206	0.0200	2.9	30.0
4-Isopropyltoluene	Ave	2.248	2.580		0.0230	0.0200	14.8	30.0
1,4-Dichlorobenzene	Ave	1.403	1.437	0.5000	0.0205	0.0200	2.5	30.0
n-Butylbenzene	Ave	1.938	2.127		0.0219	0.0200	9.7	30.0
1,2-Dichlorobenzene	Ave	1.272	1.328	0.4000	0.0209	0.0200	4.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2011	0.0500	0.0205	0.0200	2.3	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.6995	0.2000	0.0203	0.0200	1.7	50.0
Hexachlorobutadiene	Ave	0.2425	0.2721		0.0224	0.0200	12.2	50.0
Naphthalene	Ave	2.177	2.390		0.0220	0.0200	9.8	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.6791		0.0204	0.0200	2.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2922		0.0200	0.0200	-0.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3299		0.0201	0.0200	0.3	30.0
Toluene-d8 (Surr)	Ave	1.216	1.238		0.0204	0.0200	1.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4571		0.0204	0.0200	2.2	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927198.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Apr-2022 14:56:24 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-018
Operator ID: 001904 Instrument ID: A3UX19
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:54 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	787851	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	93	629617	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	328856	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	93	230171	20.0	20.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	98	259924	20.0	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	779161	20.0	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	287777	20.0	20.4	
9 Dichlorodifluoromethane	85	2.060	2.060	0.000	99	279993	20.0	21.1	
10 Chloromethane	50	2.273	2.273	0.000	98	265030	20.0	20.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	293178	20.0	21.1	
11 Butadiene	54	2.427	2.427	0.000	88	247213	20.0	18.9	
13 Bromomethane	94	2.759	2.759	0.000	92	265931	20.0	19.9	
15 Chloroethane	64	2.842	2.842	0.000	100	207728	20.0	19.6	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	509164	20.0	19.6	
17 Trichlorofluoromethane	101	3.080	3.079	0.001	99	473553	20.0	20.3	
18 Ethyl ether	59	3.317	3.328	-0.011	88	164141	20.0	20.7	
19 Acrolein	56	3.447	3.447	0.000	99	127978	100.0	83.8	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	99	320498	20.0	21.9	
21 112TCTFE	101	3.566	3.566	0.000	96	265439	20.0	22.4	
22 Acetone	43	3.566	3.566	0.000	100	171578	40.0	41.4	
24 Iodomethane	142	3.696	3.696	0.000	100	388008	20.0	21.9	
25 Carbon disulfide	76	3.767	3.767	0.000	99	577529	20.0	22.2	
28 Methyl acetate	43	3.827	3.838	-0.011	96	371003	40.0	39.2	
27 3-Chloro-1-propene	41	3.862	3.862	0.000	84	243065	20.0	20.6	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	267094	20.0	21.3	
30 2-Methyl-2-propanol	59	4.017	4.016	0.000	97	300635	200.0	201.7	
31 Acrylonitrile	53	4.147	4.147	0.000	98	1023651	200.0	207.1	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	94	620790	20.0	21.5	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	295137	20.0	20.8	
34 Hexane	57	4.408	4.408	0.000	90	292880	20.0	22.1	
36 Vinyl acetate	43	4.515	4.514	0.001	98	364884	20.0	22.9	
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	363544	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	78745	40.0	39.9	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	254395	20.0	21.1	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	247206	20.0	21.3	
46 Chlorobromomethane	49	5.179	5.178	0.001	86	169142	20.0	20.5	
47 Tetrahydrofuran	42	5.191	5.190	0.000	80	163045	40.0	42.5	
48 Chloroform	83	5.238	5.238	0.000	94	401529	20.0	20.5	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	354675	20.0	21.2	
50 Cyclohexane	84	5.463	5.463	0.000	85	357403	20.0	21.6	
53 Isobutyl alcohol	41	5.511	5.510	0.001	80	283909	500.0	529.6	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	92	310365	20.0	21.7	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	313060	20.0	21.4	
54 Benzene	78	5.677	5.677	0.001	95	845759	20.0	20.8	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	295158	20.0	20.0	
57 n-Heptane	57	5.855	5.866	-0.011	86	151672	20.0	20.0	
59 Trichloroethene	130	6.175	6.175	0.000	97	245392	20.0	20.8	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	378390	20.0	21.7	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	190491	20.0	20.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	74636	400.0	464.8	
64 Dibromomethane	174	6.459	6.459	0.000	94	156238	20.0	20.5	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	251614	20.0	20.4	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	132293	20.0	20.9	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	279618	20.0	21.5	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	510209	40.0	43.7	
71 Toluene	91	7.218	7.218	0.000	98	907591	20.0	20.7	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	264665	20.0	21.6	
73 Ethyl methacrylate	69	7.384	7.384	0.000	85	272674	20.0	22.6	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	91	197889	20.0	21.2	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	244949	20.0	20.8	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	95	322062	20.0	20.8	
77 2-Hexanone	43	7.705	7.704	0.001	92	382147	40.0	45.3	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	190344	20.0	21.1	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	207337	20.0	21.0	
83 Chlorobenzene	112	8.428	8.428	0.000	96	582457	20.0	20.3	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	212992	20.0	21.3	
85 Ethylbenzene	106	8.499	8.499	0.000	98	312155	20.0	21.1	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	386485	20.0	21.6	
87 o-Xylene	106	8.962	8.961	0.001	96	383222	20.0	22.3	
88 Styrene	104	8.973	8.973	0.000	93	597805	20.0	21.8	
89 Bromoform	173	9.151	9.151	0.000	94	130832	20.0	21.4	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1014254	20.0	21.9	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	305184	20.0	21.2	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	87	81581	20.0	22.1	
95 Bromobenzene	156	9.602	9.602	0.000	94	246830	20.0	20.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	105054	20.0	20.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	269380	20.0	22.0	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	234173	20.0	21.6	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	815686	20.0	22.5	
102 4-Chlorotoluene	126	9.875	9.874	0.001	98	241476	20.0	21.3	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	717177	20.0	22.6	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	818633	20.0	22.8	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1021979	20.0	22.6	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	460937	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	848293	20.0	23.0	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	96	472707	20.0	20.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	699348	20.0	21.9	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.000	98	436655	20.0	20.9	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	86	66141	20.0	20.5	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	94	230051	20.0	20.3	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	89482	20.0	22.4	
118 Naphthalene	128	12.697	12.697	0.000	97	786090	20.0	22.0	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	223338	20.0	20.4	
S 125 Trihalomethanes, Total	1				0		80.0	83.5	
S 124 Total BTEX	1				0		100.0	106.5	
S 128 Xylenes, Total	106				0		40.0	43.9	

Reagents:

vmfasgw_00452	Amount Added:	16.00	Units: uL	
vmfasaw_00415	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

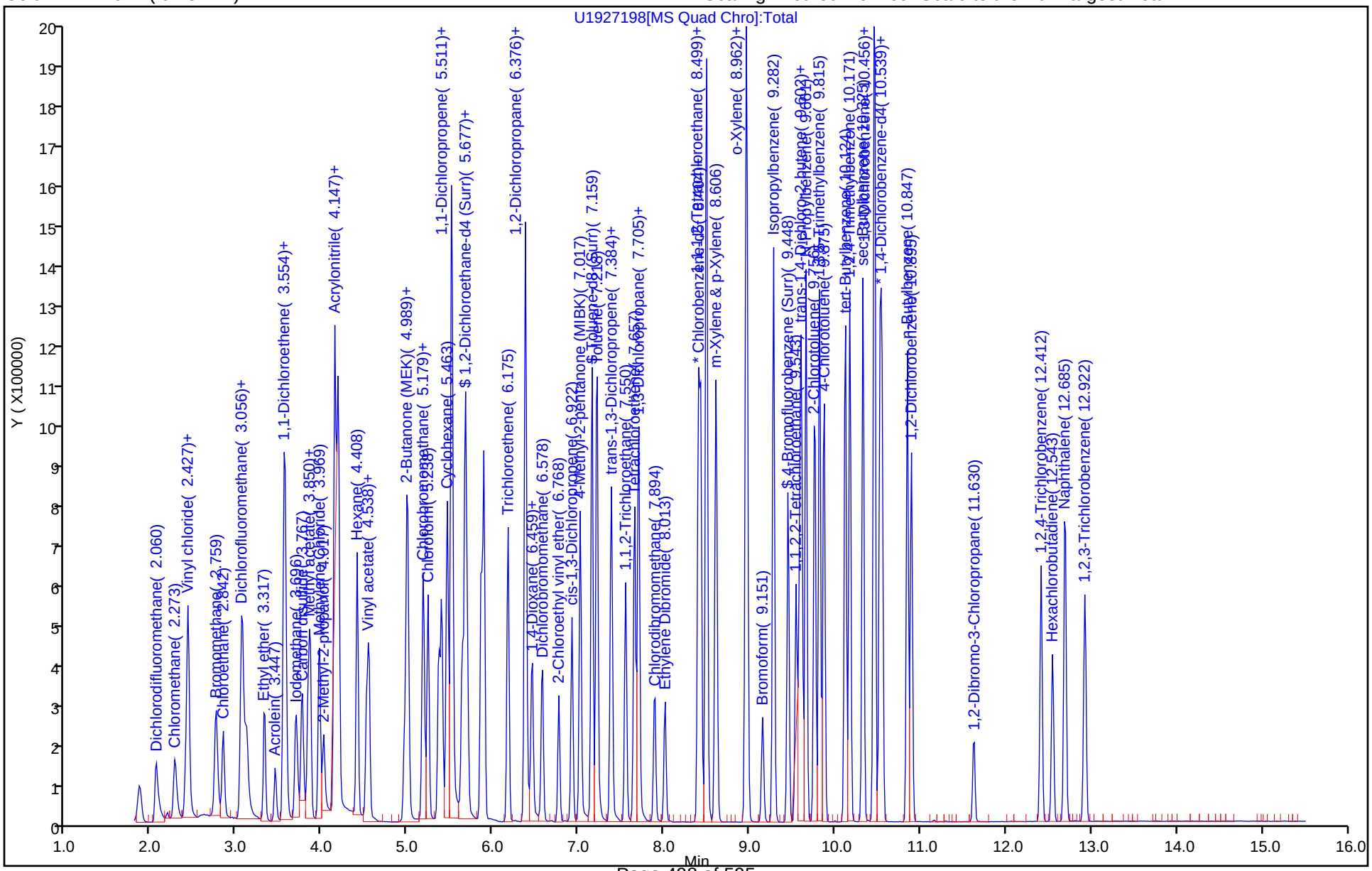
Report Date: 02-May-2022 09:11:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927198.D

Injection Date:	29-Apr-2022 14:56:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525213/4 Calibration Date: 05/05/2022 10:03

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927299.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.3569	0.1000	0.0212	0.0200	6.0	20.0
Chloromethane	Ave	0.3300	0.3086	0.1000	0.0187	0.0200	-6.5	20.0
Vinyl chloride	Ave	0.3530	0.3410	0.1000	0.0193	0.0200	-3.4	20.0
Butadiene	Ave	0.3326	0.3181		0.0191	0.0200	-4.4	20.0
Bromomethane	Ave	0.3399	0.2987	0.0500	0.0176	0.0200	-12.1	20.0
Chloroethane	Ave	0.2692	0.2421	0.0500	0.0180	0.0200	-10.0	20.0
Dichlorofluoromethane	Ave	0.6609	0.6017		0.0182	0.0200	-9.0	20.0
Trichlorofluoromethane	Ave	0.5916	0.5659	0.1000	0.0191	0.0200	-4.3	20.0
Ethyl ether	Ave	0.2017	0.1871		0.0186	0.0200	-7.2	20.0
Acrolein	Ave	0.0388	0.0387		0.0999	0.100	-0.0	20.0
1,1-Dichloroethene	Ave	0.3714	0.3583	0.1000	0.0193	0.0200	-3.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.2884	0.0500	0.0192	0.0200	-4.1	20.0
Acetone	Lin1		0.1096	0.0100	0.0417	0.0400	4.2	50.0
Iodomethane	Ave	0.4499	0.4006		0.0178	0.0200	-11.0	20.0
Carbon disulfide	Ave	0.6595	0.5834	0.1000	0.0177	0.0200	-11.5	20.0
Methyl acetate	Ave	0.2405	0.2336	0.1000	0.0389	0.0400	-2.9	50.0
3-Chloro-1-propene	Ave	0.2989	0.2701		0.0181	0.0200	-9.6	20.0
Methylene Chloride	Lin1		0.3026	0.1000	0.0190	0.0200	-5.1	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0367		0.194	0.200	-3.0	20.0
Acrylonitrile	Ave	0.1255	0.1221		0.195	0.200	-2.7	20.0
Methyl tert-butyl ether	Ave	0.7330	0.6752	0.1000	0.0184	0.0200	-7.9	20.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3412	0.1000	0.0190	0.0200	-5.2	20.0
Hexane	Ave	0.3360	0.3377		0.0201	0.0200	0.5	20.0
Vinyl acetate	Ave	0.4051	0.3769		0.0186	0.0200	-7.0	20.0
1,1-Dichloroethane	Ave	0.4427	0.4201	0.2000	0.0190	0.0200	-5.1	20.0
2-Butanone (MEK)	Ave	0.0501	0.0477	0.0100	0.0381	0.0400	-4.7	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.2874	0.1000	0.0188	0.0200	-6.2	20.0
2,2-Dichloropropane	Ave	0.2953	0.2660		0.0180	0.0200	-9.9	20.0
Chlorobromomethane	Ave	0.2090	0.2003		0.0192	0.0200	-4.2	20.0
Tetrahydrofuran	Ave	0.0975	0.0970		0.0398	0.0400	-0.5	20.0
Chloroform	Ave	0.4966	0.4640	0.2000	0.0187	0.0200	-6.6	20.0
1,1,1-Trichloroethane	Ave	0.4253	0.4047	0.1000	0.0190	0.0200	-4.9	20.0
Cyclohexane	Ave	0.4208	0.4010	0.1000	0.0191	0.0200	-4.7	20.0
1,1-Dichloropropene	Ave	0.3628	0.3663		0.0202	0.0200	0.9	20.0
Isobutyl alcohol	Ave	0.0136	0.0136		0.500	0.500	-0.0	20.0
Carbon tetrachloride	Ave	0.3712	0.3580	0.1000	0.0193	0.0200	-3.6	20.0
Benzene	Ave	1.034	0.9900	0.5000	0.0192	0.0200	-4.2	20.0
1,2-Dichloroethane	Ave	0.3745	0.3507	0.1000	0.0187	0.0200	-6.3	20.0
n-Heptane	Lin1		0.1851		0.0191	0.0200	-4.4	20.0
Trichloroethene	Ave	0.2994	0.2808	0.1500	0.0188	0.0200	-6.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525213/4 Calibration Date: 05/05/2022 10:03

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927299.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2266	0.1000	0.0192	0.0200	-4.1	20.0
Methylcyclohexane	Ave	0.4422	0.4368	0.1000	0.0198	0.0200	-1.2	20.0
1,4-Dioxane	Ave	0.0041	0.0044		0.427	0.400	6.8	50.0
Dibromomethane	Ave	0.1939	0.1761		0.0182	0.0200	-9.2	20.0
Dichlorobromomethane	Ave	0.3128	0.3032	0.1500	0.0194	0.0200	-3.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1617		0.0403	0.0400	0.8	20.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3279	0.1500	0.0198	0.0200	-0.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.3048	0.0500	0.0411	0.0400	2.7	50.0
Toluene	Ave	1.392	1.467	0.4000	0.0211	0.0200	5.4	20.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4128	0.1000	0.0212	0.0200	6.2	20.0
Ethyl methacrylate	Ave	0.3830	0.4344		0.0227	0.0200	13.4	20.0
1,1,2-Trichloroethane	Ave	0.2962	0.3084	0.1000	0.0208	0.0200	4.1	20.0
Tetrachloroethene	Ave	0.3741	0.3928	0.1500	0.0210	0.0200	5.0	20.0
1,3-Dichloropropane	Ave	0.4910	0.5240		0.0213	0.0200	6.7	20.0
2-Hexanone	Ave	0.2683	0.3100	0.0500	0.0462	0.0400	15.6	50.0
Chlorodibromomethane	Ave	0.2861	0.2962		0.0207	0.0200	3.5	20.0
Ethylene Dibromide	Ave	0.3134	0.3292		0.0210	0.0200	5.0	20.0
Chlorobenzene	Ave	0.9114	0.9256	0.3000	0.0203	0.0200	1.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3330		0.0210	0.0200	4.8	20.0
Ethylbenzene	Ave	0.4689	0.4903		0.0209	0.0200	4.6	20.0
m-Xylene & p-Xylene	Ave	0.5692	0.6160		0.0216	0.0200	8.2	20.0
o-Xylene	Ave	0.5458	0.5952		0.0218	0.0200	9.1	20.0
Styrene	Ave	0.8721	0.9653	0.3000	0.0221	0.0200	10.7	20.0
Bromoform	Ave	0.1938	0.2024	0.1000	0.0209	0.0200	4.4	20.0
Isopropylbenzene	Ave	1.469	1.610	0.1000	0.0219	0.0200	9.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9334	0.3000	0.0214	0.0200	6.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2507		0.0224	0.0200	11.8	20.0
Bromobenzene	Ave	0.7286	0.7651		0.0210	0.0200	5.0	20.0
1,2,3-Trichloropropane	Ave	0.3182	0.3347		0.0210	0.0200	5.2	20.0
N-Propylbenzene	Ave	0.7435	0.8369		0.0225	0.0200	12.6	20.0
2-Chlorotoluene	Ave	0.6602	0.7198		0.0218	0.0200	9.0	20.0
1,3,5-Trimethylbenzene	Ave	2.201	2.499		0.0227	0.0200	13.5	20.0
4-Chlorotoluene	Ave	0.6899	0.7424		0.0215	0.0200	7.6	20.0
tert-Butylbenzene	Ave	1.931	2.205		0.0228	0.0200	14.2	20.0
1,2,4-Trimethylbenzene	Ave	2.180	2.523		0.0231	0.0200	15.7	20.0
sec-Butylbenzene	Ave	2.749	3.159		0.0230	0.0200	14.9	20.0
1,3-Dichlorobenzene	Ave	1.362	1.413	0.6000	0.0208	0.0200	3.8	20.0
4-Isopropyltoluene	Ave	2.248	2.615		0.0233	0.0200	16.3	20.0
1,4-Dichlorobenzene	Ave	1.403	1.427	0.5000	0.0204	0.0200	1.8	20.0
n-Butylbenzene	Ave	1.938	2.205		0.0228	0.0200	13.8	20.0
1,2-Dichlorobenzene	Ave	1.272	1.337	0.4000	0.0210	0.0200	5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525213/4 Calibration Date: 05/05/2022 10:03

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927299.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2110	0.0500	0.0215	0.0200	7.3	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.6948	0.2000	0.0202	0.0200	1.0	50.0
Hexachlorobutadiene	Ave	0.2425	0.2680		0.0221	0.0200	10.5	50.0
Naphthalene	Ave	2.177	2.349		0.0216	0.0200	7.9	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.6694		0.0201	0.0200	0.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2755		0.0188	0.0200	-5.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3148		0.0191	0.0200	-4.3	20.0
Toluene-d8 (Surr)	Ave	1.216	1.273		0.0209	0.0200	4.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4632		0.0207	0.0200	3.6	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927299.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-May-2022 10:03:00 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-004
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 10:36:42 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 10:36:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	859832	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	626807	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	323376	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	236852	20.0	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	270712	20.0	19.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	797833	20.0	20.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	290317	20.0	20.7	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	306893	20.0	21.2	
10 Chloromethane	50	2.261	2.261	0.000	98	265312	20.0	18.7	
12 Vinyl chloride	62	2.392	2.392	0.000	98	293211	20.0	19.3	
11 Butadiene	54	2.427	2.427	0.000	87	273481	20.0	19.1	
13 Bromomethane	94	2.759	2.759	0.000	92	256815	20.0	17.6	
15 Chloroethane	64	2.831	2.831	0.000	100	208191	20.0	18.0	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	517387	20.0	18.2	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	98	486560	20.0	19.1	
18 Ethyl ether	59	3.317	3.317	0.000	88	160900	20.0	18.6	
19 Acrolein	56	3.447	3.447	0.000	99	166537	100.0	99.9	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	308089	20.0	19.3	
21 112TCTFE	101	3.554	3.554	0.000	95	248012	20.0	19.2	
22 Acetone	43	3.566	3.566	0.000	100	188398	40.0	41.7	
24 Iodomethane	142	3.696	3.696	0.000	99	344490	20.0	17.8	
25 Carbon disulfide	76	3.767	3.767	0.000	99	501638	20.0	17.7	
28 Methyl acetate	43	3.827	3.827	0.000	96	401774	40.0	38.9	
27 3-Chloro-1-propene	41	3.850	3.850	0.000	85	232217	20.0	18.1	
29 Methylene Chloride	49	3.957	3.957	0.000	87	260221	20.0	19.0	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	97	315545	200.0	194.0	
31 Acrylonitrile	53	4.147	4.147	0.000	99	1049439	200.0	194.5	
33 Methyl tert-butyl ether	73	4.171	4.171	0.000	94	580579	20.0	18.4	
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	96	293350	20.0	19.0	
34 Hexane	57	4.408	4.408	0.000	91	290354	20.0	20.1	
36 Vinyl acetate	43	4.515	4.515	0.000	97	324060	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	361232	20.0	19.0	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	82049	40.0	38.1	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	247153	20.0	18.8	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	89	228703	20.0	18.0	
46 Chlorobromomethane	49	5.167	5.167	0.000	87	172189	20.0	19.2	
47 Tetrahydrofuran	42	5.191	5.191	0.000	81	166755	40.0	39.8	
48 Chloroform	83	5.238	5.238	0.000	93	398937	20.0	18.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	99	347956	20.0	19.0	
50 Cyclohexane	84	5.463	5.463	0.000	87	344780	20.0	19.1	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	92	314931	20.0	20.2	
53 Isobutyl alcohol	41	5.511	5.511	0.000	81	292521	500.0	500.0	
52 Carbon tetrachloride	117	5.523	5.523	0.000	96	307840	20.0	19.3	
54 Benzene	78	5.677	5.677	0.000	96	851270	20.0	19.2	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	301559	20.0	18.7	
57 n-Heptane	57	5.855	5.855	0.000	86	159146	20.0	19.1	
59 Trichloroethene	130	6.175	6.175	0.000	97	241464	20.0	18.8	
61 Methylcyclohexane	83	6.376	6.376	0.000	90	375613	20.0	19.8	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	94	194817	20.0	19.2	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	74857	400.0	427.1	
64 Dibromomethane	174	6.459	6.459	0.000	95	151424	20.0	18.2	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	260697	20.0	19.4	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	278103	40.0	40.3	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	281957	20.0	19.8	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	524114	40.0	41.1	
71 Toluene	91	7.218	7.218	0.000	98	919295	20.0	21.1	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	258768	20.0	21.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	272297	20.0	22.7	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	193291	20.0	20.8	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	246212	20.0	21.0	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	93	328437	20.0	21.3	
77 2-Hexanone	43	7.705	7.705	0.000	90	388592	40.0	46.2	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	185676	20.0	20.7	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	206348	20.0	21.0	
83 Chlorobenzene	112	8.428	8.428	0.000	95	580198	20.0	20.3	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	208742	20.0	21.0	
85 Ethylbenzene	106	8.499	8.499	0.000	99	307331	20.0	20.9	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	386106	20.0	21.6	
87 o-Xylene	106	8.962	8.962	0.000	95	373103	20.0	21.8	
88 Styrene	104	8.973	8.973	0.000	94	605070	20.0	22.1	
89 Bromoform	173	9.151	9.151	0.000	94	126841	20.0	20.9	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1009094	20.0	21.9	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	301846	20.0	21.4	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	80	81068	20.0	22.4	
95 Bromobenzene	156	9.602	9.602	0.000	95	247399	20.0	21.0	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	108227	20.0	21.0	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	270644	20.0	22.5	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	232759	20.0	21.8	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	808095	20.0	22.7	
102 4-Chlorotoluene	126	9.875	9.875	0.000	97	240087	20.0	21.5	
103 tert-Butylbenzene	119	10.124	10.124	0.000	92	713044	20.0	22.8	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	815866	20.0	23.1	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1021594	20.0	23.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	457037	20.0	20.8	
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	845754	20.0	23.3	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	96	461574	20.0	20.4	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	713088	20.0	22.8	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	432277	20.0	21.0	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	86	68237	20.0	21.5	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	93	224692	20.0	20.2	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	86680	20.0	22.1	
118 Naphthalene	128	12.697	12.697	0.000	97	759457	20.0	21.6	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	216475	20.0	20.1	
S 125 Trihalomethanes, Total	1				0		80.0	79.7	
S 124 Total BTEX	1				0		100.0	104.6	
S 128 Xylenes, Total	106				0		40.0	43.5	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00436	Amount Added: 16.00	Units: uL	
vmrprimw_00480	Amount Added: 16.00	Units: uL	
vmrgas_00425	Amount Added: 16.00	Units: uL	
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added: 0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent

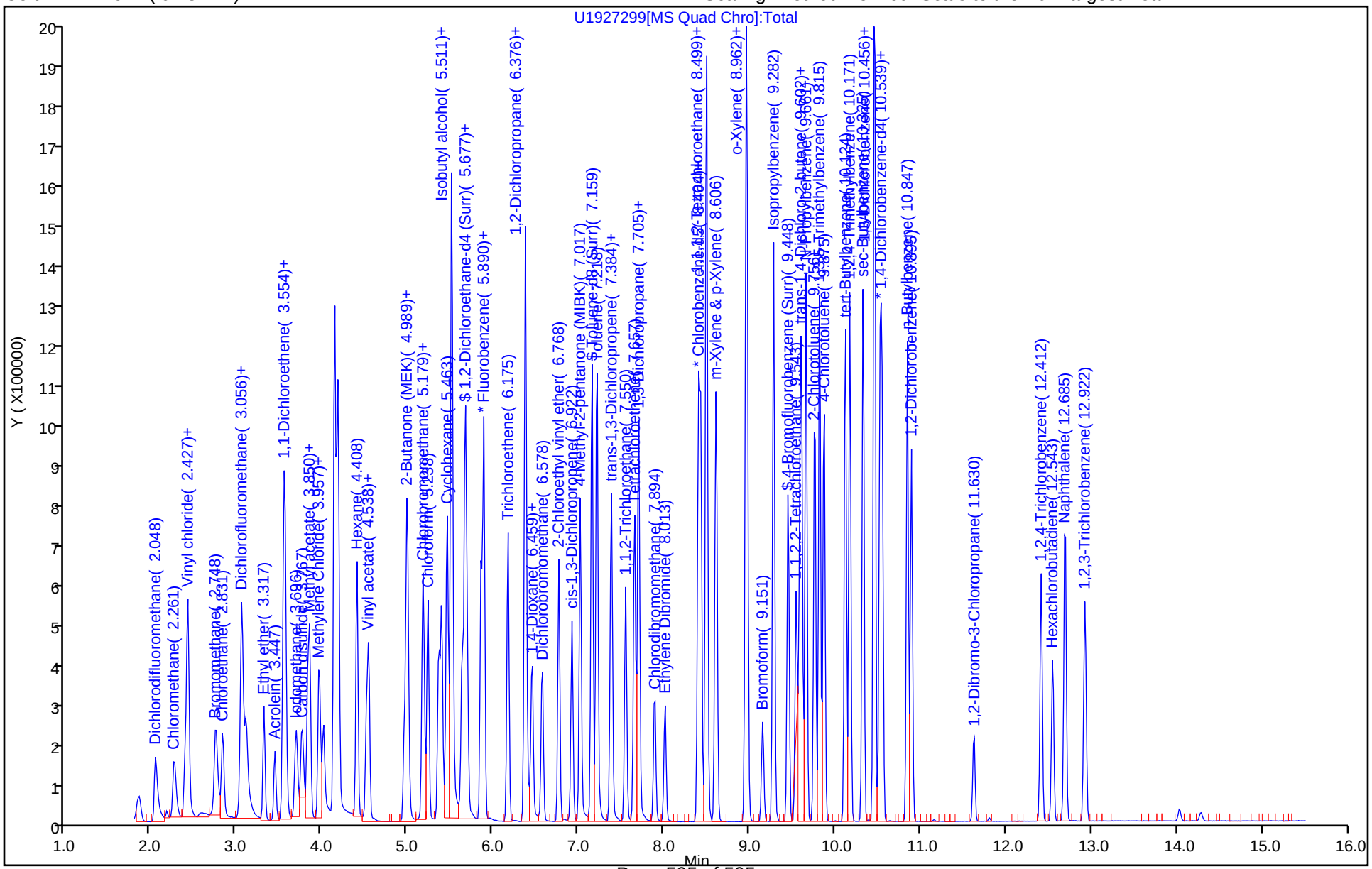
Report Date: 05-May-2022 10:36:43 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927299.D

Injection Date:	05-May-2022 10:03:00	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525392/4 Calibration Date: 05/06/2022 09:59

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927329.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.3411	0.1000	0.0203	0.0200	1.3	20.0
Chloromethane	Ave	0.3300	0.3033	0.1000	0.0184	0.0200	-8.1	20.0
Vinyl chloride	Ave	0.3530	0.3301	0.1000	0.0187	0.0200	-6.5	20.0
Butadiene	Ave	0.3326	0.3097		0.0186	0.0200	-6.9	20.0
Bromomethane	Ave	0.3399	0.2910	0.0500	0.0171	0.0200	-14.4	20.0
Chloroethane	Ave	0.2692	0.2404	0.0500	0.0179	0.0200	-10.7	20.0
Dichlorofluoromethane	Ave	0.6609	0.5869		0.0178	0.0200	-11.2	20.0
Trichlorofluoromethane	Ave	0.5916	0.5460	0.1000	0.0185	0.0200	-7.7	20.0
Ethyl ether	Ave	0.2017	0.1858		0.0184	0.0200	-7.9	20.0
Acrolein	Ave	0.0388	0.0352		0.0909	0.100	-9.1	20.0
1,1-Dichloroethene	Ave	0.3714	0.3486	0.1000	0.0188	0.0200	-6.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.2774	0.0500	0.0185	0.0200	-7.7	20.0
Acetone	Lin1		0.1091	0.0100	0.0415	0.0400	3.7	50.0
Iodomethane	Ave	0.4499	0.3922		0.0174	0.0200	-12.8	20.0
Carbon disulfide	Ave	0.6595	0.5610	0.1000	0.0170	0.0200	-14.9	20.0
Methyl acetate	Ave	0.2405	0.2386	0.1000	0.0397	0.0400	-0.8	50.0
3-Chloro-1-propene	Ave	0.2989	0.2715		0.0182	0.0200	-9.2	20.0
Methylene Chloride	Lin1		0.3013	0.1000	0.0189	0.0200	-5.5	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0343		0.182	0.200	-9.2	20.0
Acrylonitrile	Ave	0.1255	0.1170		0.186	0.200	-6.8	20.0
Methyl tert-butyl ether	Ave	0.7330	0.6730	0.1000	0.0184	0.0200	-8.2	20.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3346	0.1000	0.0186	0.0200	-7.1	20.0
Hexane	Ave	0.3360	0.3263		0.0194	0.0200	-2.9	20.0
Vinyl acetate	Ave	0.4051	0.3759		0.0186	0.0200	-7.2	20.0
1,1-Dichloroethane	Ave	0.4427	0.4211	0.2000	0.0190	0.0200	-4.9	20.0
2-Butanone (MEK)	Ave	0.0501	0.0457	0.0100	0.0366	0.0400	-8.6	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.2788	0.1000	0.0182	0.0200	-9.0	20.0
2,2-Dichloropropane	Ave	0.2953	0.2693		0.0182	0.0200	-8.8	20.0
Chlorobromomethane	Ave	0.2090	0.1969		0.0188	0.0200	-5.8	20.0
Tetrahydrofuran	Ave	0.0975	0.0934		0.0383	0.0400	-4.2	20.0
Chloroform	Ave	0.4966	0.4651	0.2000	0.0187	0.0200	-6.4	20.0
1,1,1-Trichloroethane	Ave	0.4253	0.4013	0.1000	0.0189	0.0200	-5.6	20.0
Cyclohexane	Ave	0.4208	0.3942	0.1000	0.0187	0.0200	-6.3	20.0
1,1-Dichloropropene	Ave	0.3628	0.3581		0.0197	0.0200	-1.3	20.0
Isobutyl alcohol	Ave	0.0136	0.0120		0.440	0.500	-12.0	20.0
Carbon tetrachloride	Ave	0.3712	0.3478	0.1000	0.0187	0.0200	-6.3	20.0
Benzene	Ave	1.034	0.9702	0.5000	0.0188	0.0200	-6.2	20.0
1,2-Dichloroethane	Ave	0.3745	0.3537	0.1000	0.0189	0.0200	-5.6	20.0
n-Heptane	Lin1		0.1811		0.0186	0.0200	-6.9	20.0
Trichloroethene	Ave	0.2994	0.2728	0.1500	0.0182	0.0200	-8.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525392/4 Calibration Date: 05/06/2022 09:59

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927329.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2241	0.1000	0.0190	0.0200	-5.1	20.0
Methylcyclohexane	Ave	0.4422	0.4227	0.1000	0.0191	0.0200	-4.4	20.0
1,4-Dioxane	Ave	0.0041	0.0045		0.439	0.400	9.8	50.0
Dibromomethane	Ave	0.1939	0.1734		0.0179	0.0200	-10.5	20.0
Dichlorobromomethane	Ave	0.3128	0.2903	0.1500	0.0186	0.0200	-7.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1634		0.0407	0.0400	1.8	20.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3212	0.1500	0.0194	0.0200	-2.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.2991	0.0500	0.0403	0.0400	0.8	50.0
Toluene	Ave	1.392	1.440	0.4000	0.0207	0.0200	3.4	20.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4122	0.1000	0.0212	0.0200	6.0	20.0
Ethyl methacrylate	Ave	0.3830	0.4268		0.0223	0.0200	11.4	20.0
1,1,2-Trichloroethane	Ave	0.2962	0.3025	0.1000	0.0204	0.0200	2.1	20.0
Tetrachloroethene	Ave	0.3741	0.3815	0.1500	0.0204	0.0200	2.0	20.0
1,3-Dichloropropane	Ave	0.4910	0.5120		0.0209	0.0200	4.3	20.0
2-Hexanone	Ave	0.2683	0.3025	0.0500	0.0451	0.0400	12.8	50.0
Chlorodibromomethane	Ave	0.2861	0.2923		0.0204	0.0200	2.2	20.0
Ethylene Dibromide	Ave	0.3134	0.3271		0.0209	0.0200	4.4	20.0
Chlorobenzene	Ave	0.9114	0.9186	0.3000	0.0202	0.0200	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3284		0.0207	0.0200	3.3	20.0
Ethylbenzene	Ave	0.4689	0.4916		0.0210	0.0200	4.8	20.0
m-Xylene & p-Xylene	Ave	0.5692	0.6002		0.0211	0.0200	5.4	20.0
o-Xylene	Ave	0.5458	0.5841		0.0214	0.0200	7.0	20.0
Styrene	Ave	0.8721	0.9607	0.3000	0.0220	0.0200	10.2	20.0
Bromoform	Ave	0.1938	0.1982	0.1000	0.0205	0.0200	2.3	20.0
Isopropylbenzene	Ave	1.469	1.587	0.1000	0.0216	0.0200	8.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9490	0.3000	0.0217	0.0200	8.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2395		0.0214	0.0200	6.8	20.0
Bromobenzene	Ave	0.7286	0.7588		0.0208	0.0200	4.1	20.0
1,2,3-Trichloropropane	Ave	0.3182	0.3357		0.0211	0.0200	5.5	20.0
N-Propylbenzene	Ave	0.7435	0.8310		0.0224	0.0200	11.8	20.0
2-Chlorotoluene	Ave	0.6602	0.7261		0.0220	0.0200	10.0	20.0
1,3,5-Trimethylbenzene	Ave	2.201	2.515		0.0229	0.0200	14.3	20.0
4-Chlorotoluene	Ave	0.6899	0.7383		0.0214	0.0200	7.0	20.0
tert-Butylbenzene	Ave	1.931	2.159		0.0224	0.0200	11.8	20.0
1,2,4-Trimethylbenzene	Ave	2.180	2.507		0.0230	0.0200	15.0	20.0
sec-Butylbenzene	Ave	2.749	3.079		0.0224	0.0200	12.0	20.0
1,3-Dichlorobenzene	Ave	1.362	1.432	0.6000	0.0210	0.0200	5.1	20.0
4-Isopropyltoluene	Ave	2.248	2.607		0.0232	0.0200	16.0	20.0
1,4-Dichlorobenzene	Ave	1.403	1.425	0.5000	0.0203	0.0200	1.6	20.0
n-Butylbenzene	Ave	1.938	2.196		0.0227	0.0200	13.3	20.0
1,2-Dichlorobenzene	Ave	1.272	1.344	0.4000	0.0211	0.0200	5.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Lab Sample ID: CCVIS 240-525392/4 Calibration Date: 05/06/2022 09:59

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927329.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2130	0.0500	0.0217	0.0200	8.3	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.6984	0.2000	0.0203	0.0200	1.5	50.0
Hexachlorobutadiene	Ave	0.2425	0.2648		0.0218	0.0200	9.2	50.0
Naphthalene	Ave	2.177	2.394		0.0220	0.0200	10.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.6805		0.0205	0.0200	2.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2680		0.0183	0.0200	-8.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3173		0.0193	0.0200	-3.5	20.0
Toluene-d8 (Surr)	Ave	1.216	1.274		0.0210	0.0200	4.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4715		0.0211	0.0200	5.5	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927329.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-May-2022 09:59:00 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-004
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 10:41:59 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 10:41:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	866618	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	632825	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	322037	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	232271	20.0	18.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	99	275010	20.0	19.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	806221	20.0	21.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	298379	20.0	21.1	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	295576	20.0	20.3	
10 Chloromethane	50	2.261	2.261	0.000	99	262838	20.0	18.4	
12 Vinyl chloride	62	2.392	2.392	0.000	98	286097	20.0	18.7	
11 Butadiene	54	2.416	2.416	0.000	89	268384	20.0	18.6	
13 Bromomethane	94	2.748	2.748	0.000	92	252164	20.0	17.1	
15 Chloroethane	64	2.831	2.831	0.000	100	208365	20.0	17.9	
16 Dichlorofluoromethane	67	3.044	3.044	0.000	97	508604	20.0	17.8	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	97	473177	20.0	18.5	
18 Ethyl ether	59	3.317	3.317	0.000	88	160998	20.0	18.4	
19 Acrolein	56	3.447	3.447	0.000	99	152621	100.0	90.9	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	302101	20.0	18.8	
21 112TCTFE	101	3.554	3.554	0.000	94	240407	20.0	18.5	
22 Acetone	43	3.566	3.566	0.000	100	189067	40.0	41.5	
24 Iodomethane	142	3.684	3.684	0.000	99	339871	20.0	17.4	
25 Carbon disulfide	76	3.756	3.756	0.000	99	486138	20.0	17.0	
28 Methyl acetate	43	3.827	3.827	0.000	96	413475	40.0	39.7	
27 3-Chloro-1-propene	41	3.851	3.851	0.000	86	235313	20.0	18.2	
29 Methylene Chloride	49	3.957	3.957	0.000	89	261076	20.0	18.9	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	97	297631	200.0	181.5	
31 Acrylonitrile	53	4.135	4.135	0.000	98	1013513	200.0	186.4	
33 Methyl tert-butyl ether	73	4.171	4.171	0.000	95	583237	20.0	18.4	
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	96	289973	20.0	18.6	
34 Hexane	57	4.408	4.408	0.000	91	282789	20.0	19.4	
36 Vinyl acetate	43	4.515	4.515	0.000	98	325797	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	364944	20.0	19.0	
40 2-Butanone (MEK)	72	4.953	4.953	0.000	98	79293	40.0	36.6	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	85	241612	20.0	18.2	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	233353	20.0	18.2	
46 Chlorobromomethane	49	5.167	5.167	0.000	90	170615	20.0	18.8	
47 Tetrahydrofuran	42	5.191	5.191	0.000	80	161811	40.0	38.3	
48 Chloroform	83	5.238	5.238	0.000	94	403041	20.0	18.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	99	347774	20.0	18.9	
50 Cyclohexane	84	5.463	5.463	0.000	86	341639	20.0	18.7	
53 Isobutyl alcohol	41	5.511	5.511	0.000	80	259489	500.0	440.0	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	93	310335	20.0	19.7	
52 Carbon tetrachloride	117	5.523	5.523	0.000	97	301452	20.0	18.7	
54 Benzene	78	5.677	5.677	0.000	96	840815	20.0	18.8	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	306509	20.0	18.9	
57 n-Heptane	57	5.855	5.855	0.000	85	156916	20.0	18.6	
59 Trichloroethene	130	6.175	6.175	0.000	97	236382	20.0	18.2	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	366320	20.0	19.1	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	92	194175	20.0	19.0	
65 1,4-Dioxane	88	6.412	6.412	0.000	92	77548	400.0	439.0	
64 Dibromomethane	174	6.459	6.459	0.000	95	150300	20.0	17.9	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	251558	20.0	18.6	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	283255	40.0	40.7	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	278342	20.0	19.4	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	518420	40.0	40.3	
71 Toluene	91	7.218	7.218	0.000	98	911006	20.0	20.7	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	97	260881	20.0	21.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	270109	20.0	22.3	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	93	191436	20.0	20.4	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	241418	20.0	20.4	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	324019	20.0	20.9	
77 2-Hexanone	43	7.705	7.705	0.000	94	382865	40.0	45.1	
79 Chlorodibromomethane	129	7.894	7.894	0.000	90	184965	20.0	20.4	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	206970	20.0	20.9	
83 Chlorobenzene	112	8.428	8.428	0.000	96	581334	20.0	20.2	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	207814	20.0	20.7	
85 Ethylbenzene	106	8.499	8.499	0.000	98	311099	20.0	21.0	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	379834	20.0	21.1	
87 o-Xylene	106	8.962	8.962	0.000	97	369641	20.0	21.4	
88 Styrene	104	8.973	8.973	0.000	94	607982	20.0	22.0	
89 Bromoform	173	9.151	9.151	0.000	94	125449	20.0	20.5	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1004286	20.0	21.6	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	305598	20.0	21.7	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	70	77132	20.0	21.4	
95 Bromobenzene	156	9.602	9.602	0.000	96	244351	20.0	20.8	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	82	108107	20.0	21.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	267619	20.0	22.4	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	233842	20.0	22.0	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	809955	20.0	22.9	
102 4-Chlorotoluene	126	9.875	9.875	0.000	98	237764	20.0	21.4	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	695225	20.0	22.4	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	807288	20.0	23.0	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	991426	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	95	461078	20.0	21.0	
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	839421	20.0	23.2	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	96	458963	20.0	20.3	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	707038	20.0	22.7	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	432780	20.0	21.1	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	84	68598	20.0	21.7	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	93	224915	20.0	20.3	
117 Hexachlorobutadiene	225	12.555	12.555	0.000	97	85263	20.0	21.8	
118 Naphthalene	128	12.697	12.697	0.000	97	770932	20.0	22.0	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	219146	20.0	20.5	
S 125 Trihalomethanes, Total	1				0		80.0	78.2	
S 124 Total BTEX	1				0		100.0	102.9	
S 128 Xylenes, Total	106				0		40.0	42.5	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00436	Amount Added: 16.00	Units: uL	
vmrprimw_00480	Amount Added: 16.00	Units: uL	
vmrgas_00425	Amount Added: 16.00	Units: uL	
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added: 0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent

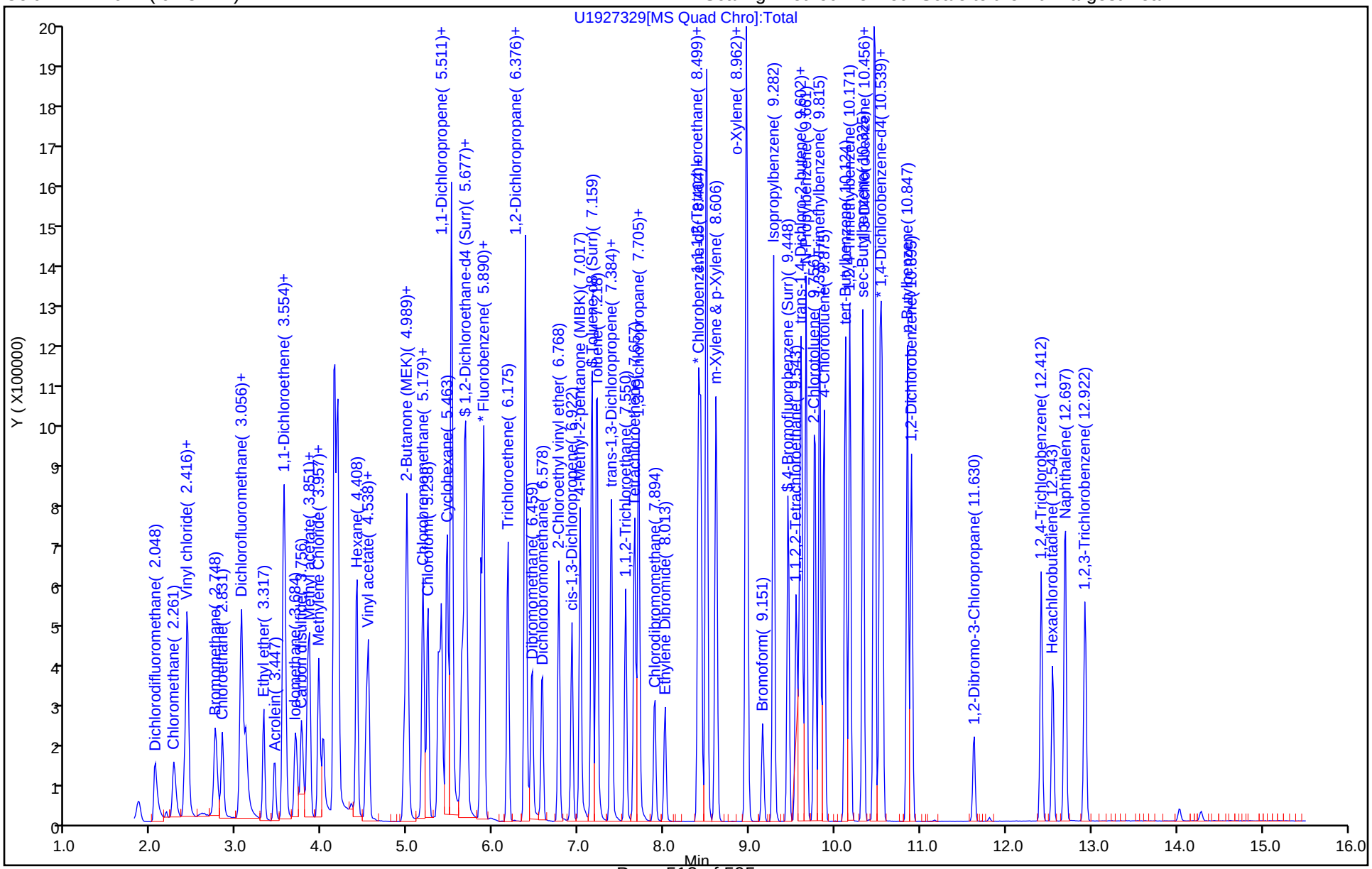
Report Date: 06-May-2022 10:42:01 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927329.D

Injection Date:	06-May-2022 09:59:00	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Apr-2022 09:42:51 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 29-Apr-2022 10:38:04 Calib Date: 22-Mar-2022 15:58:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220322-117147.b\U1926570.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: laveyt Date: 29-Apr-2022 10:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.474	4.474	0.000	0	584436	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

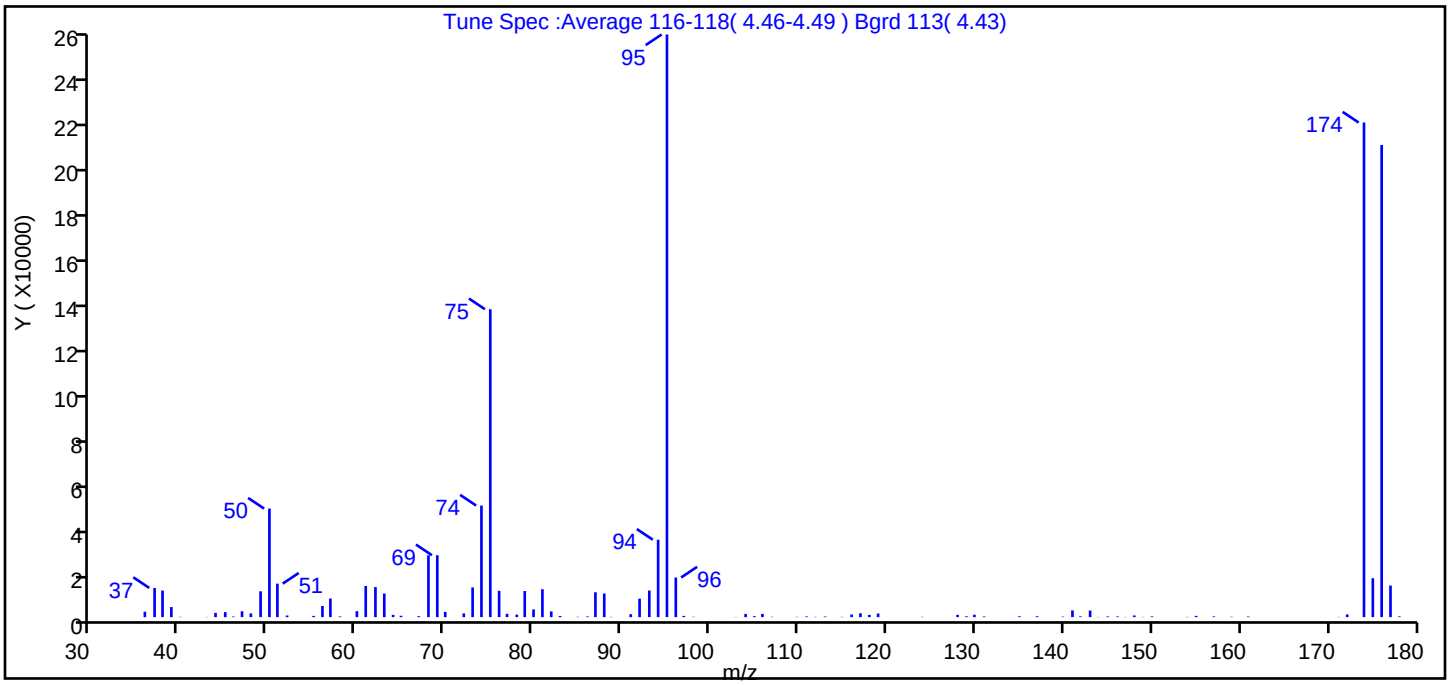
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d
Injection Date: 29-Apr-2022 09:42:51 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.6
75	30 to 60% of m/z 95	52.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.9
175	5 to 9% of m/z 174	6.7 (7.9)
176	Greater than 95% but less than 101% of m/z 174	81.0 (95.5)
177	5 to 9% of m/z 176	5.4 (6.7)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d\8260_19.rslt\spectra.d
Injection Date: 29-Apr-2022 09:42:51
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2393	67.00	426	95.00	254080	140.00	208
37.00	12725	68.00	26976	96.00	17296	141.00	2940
38.00	11608	69.00	27000	97.00	541	142.00	327
39.00	4404	70.00	2294	98.00	151	143.00	2874
40.00	136	72.00	1617	103.00	92	144.00	94
43.00	90	73.00	12958	104.00	1405	145.00	307
44.00	1860	74.00	48672	105.00	438	146.00	317
45.00	2190	75.00	134272	106.00	1415	147.00	96
46.00	276	76.00	11491	107.00	150	148.00	733
47.00	2570	77.00	1432	110.00	134	149.00	116
48.00	1615	78.00	1089	111.00	301	150.00	314
49.00	11276	79.00	11387	112.00	132	154.00	113
50.00	47336	80.00	3363	113.00	271	155.00	570
51.00	14607	81.00	12193	115.00	132	157.00	322
52.00	720	82.00	2507	116.00	1135	159.00	166
55.00	549	83.00	507	117.00	1682	161.00	265
56.00	4866	85.00	152	118.00	985	171.00	104
57.00	8113	86.00	314	119.00	1580	172.00	1203
58.00	303	87.00	10864	124.00	146	174.00	215680
60.00	2612	88.00	10323	128.00	1007	175.00	16976
61.00	13582	89.00	123	129.00	362	176.00	205888
62.00	13115	91.00	1289	130.00	1042	177.00	13769
63.00	10299	92.00	8056	131.00	299	178.00	319
64.00	993	93.00	11603	135.00	380		
65.00	602	94.00	33768	137.00	397		

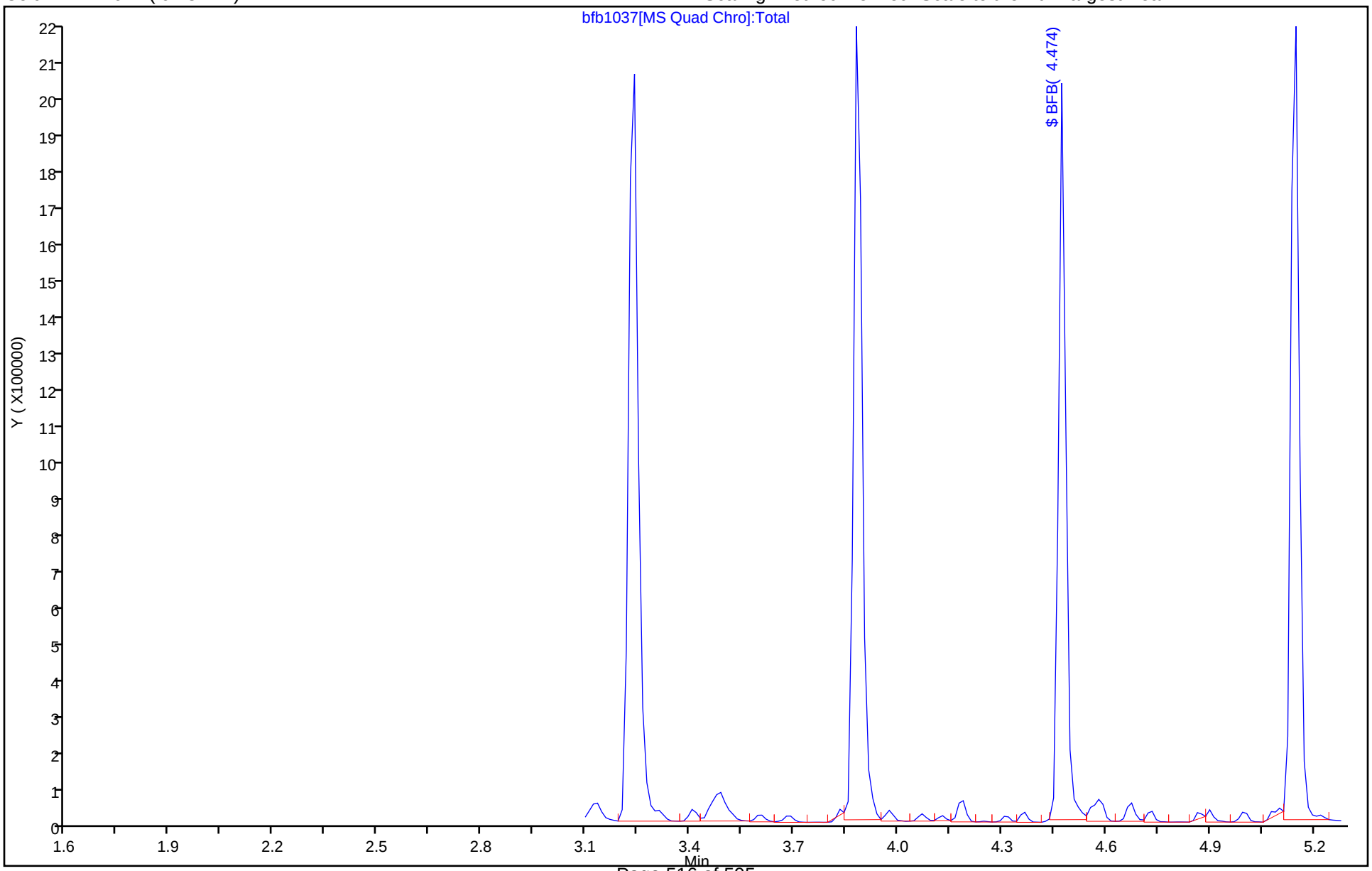
Report Date: 29-Apr-2022 10:38:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d

Injection Date:	29-Apr-2022 09:42:51	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\bfb1041.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-May-2022 09:13:53 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 10:10:54 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 10:10:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.475	4.475	0.000	0	612879	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

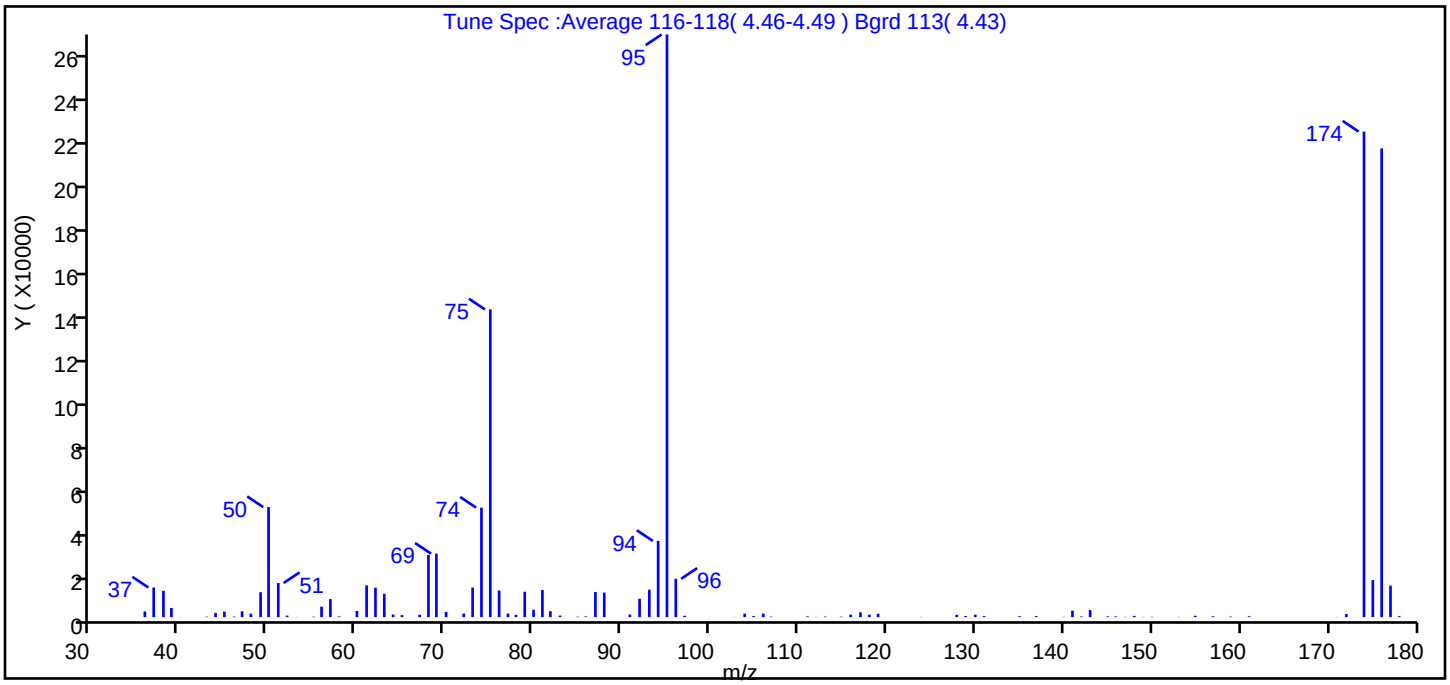
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\bfb1041.d
Injection Date: 05-May-2022 09:13:53 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.9
75	30 to 60% of m/z 95	52.8
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.3
175	5 to 9% of m/z 174	6.4 (7.6)
176	Greater than 95% but less than 101% of m/z 174	80.4 (96.5)
177	5 to 9% of m/z 176	5.4 (6.7)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\bfb1041.d\8260_19.rslt\spectra.d
Injection Date: 05-May-2022 09:13:53
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2623	64.00	1220	93.00	12656	137.00	501
37.00	13641	65.00	941	94.00	35120	140.00	119
38.00	12161	67.00	1088	95.00	268416	141.00	2994
39.00	4211	68.00	28696	96.00	17656	142.00	305
40.00	71	69.00	29240	97.00	626	143.00	3284
43.00	233	70.00	2428	103.00	94	145.00	379
44.00	1952	72.00	1654	104.00	1607	146.00	351
45.00	2536	73.00	13620	105.00	507	147.00	128
46.00	280	74.00	50456	106.00	1649	148.00	575
47.00	2684	75.00	141760	107.00	239	149.00	108
48.00	1606	76.00	12261	111.00	345	150.00	166
49.00	11481	77.00	1645	112.00	118	153.00	123
50.00	50688	78.00	1049	113.00	287	155.00	643
51.00	15723	79.00	11699	115.00	219	157.00	409
52.00	712	80.00	3429	116.00	1131	159.00	272
53.00	85	81.00	12508	117.00	2220	161.00	418
55.00	213	82.00	2722	118.00	1141	171.00	86
56.00	4835	83.00	727	119.00	1577	172.00	1432
57.00	8315	85.00	210	124.00	120	174.00	223680
58.00	340	86.00	342	128.00	1077	175.00	17064
60.00	2836	87.00	11575	129.00	543	176.00	215936
61.00	14634	88.00	11298	130.00	1136	177.00	14508
62.00	13555	91.00	1202	131.00	466	178.00	459
63.00	10750	92.00	8457	135.00	430		

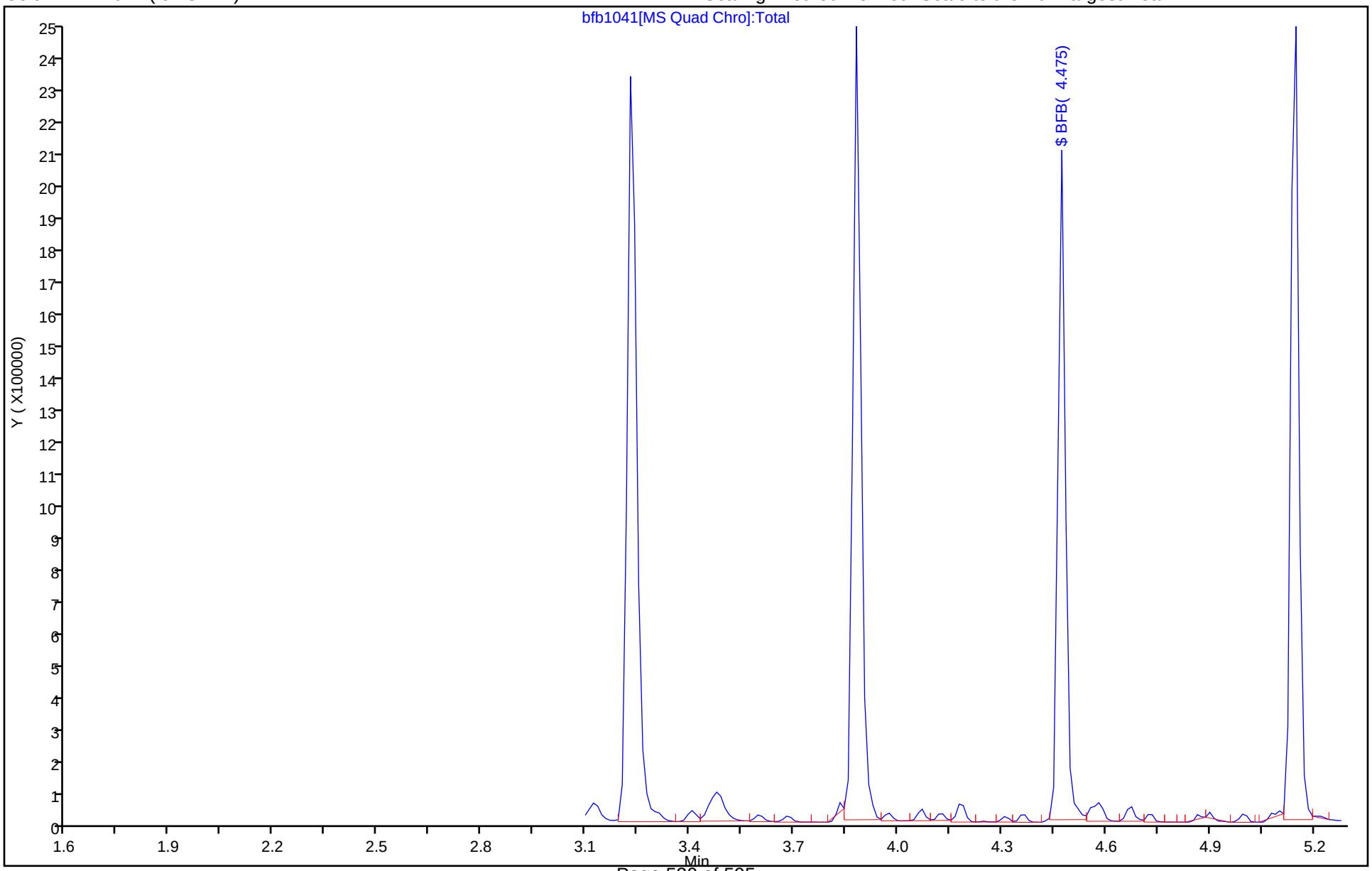
Report Date: 05-May-2022 10:10:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\bfb1041.d

Injection Date:	05-May-2022 09:13:53	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\bfb1042.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 06-May-2022 09:13:55 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 10:02:31 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 10:02:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.475	4.475	0.000	0	589805	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

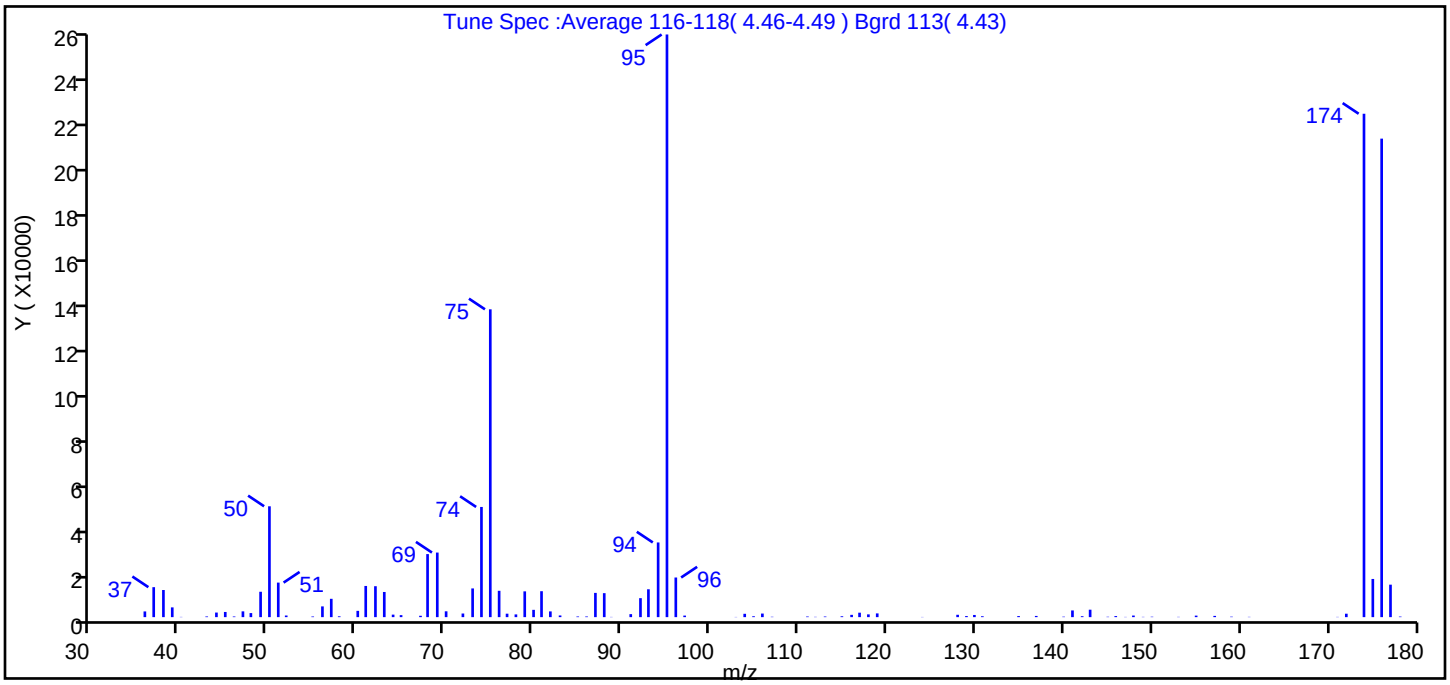
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\bfb1042.d
Injection Date: 06-May-2022 09:13:55 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.0
75	30 to 60% of m/z 95	52.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	86.4
175	5 to 9% of m/z 174	6.6 (7.6)
176	Greater than 95% but less than 101% of m/z 174	82.1 (95.1)
177	5 to 9% of m/z 176	5.6 (6.8)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\bfb1042.d\8260_19.rslt\spectra.d
Injection Date: 06-May-2022 09:13:55
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2527	65.00	888	93.00	12329	137.00	534
37.00	13261	67.00	606	94.00	33048	140.00	208
38.00	12004	68.00	27896	95.00	257792	141.00	2967
39.00	4317	69.00	28576	96.00	17536	142.00	407
40.00	103	70.00	2587	97.00	690	143.00	3296
43.00	305	72.00	1609	103.00	85	145.00	168
44.00	2030	73.00	12704	104.00	1481	146.00	477
45.00	2293	74.00	48752	105.00	392	147.00	102
46.00	289	75.00	136192	106.00	1588	148.00	708
47.00	2562	76.00	11658	107.00	163	149.00	119
48.00	1797	77.00	1528	111.00	280	150.00	189
49.00	11230	78.00	1213	112.00	131	153.00	119
50.00	49048	79.00	11408	113.00	275	155.00	675
51.00	15282	80.00	3231	115.00	382	157.00	555
52.00	724	81.00	11479	116.00	1017	159.00	210
55.00	286	82.00	2540	117.00	1971	161.00	124
56.00	4754	83.00	741	118.00	1224	171.00	107
57.00	8112	85.00	291	119.00	1654	172.00	1520
58.00	363	86.00	296	124.00	86	174.00	222720
60.00	2781	87.00	10731	128.00	1044	175.00	16896
61.00	13796	88.00	10610	129.00	479	176.00	211712
62.00	13688	89.00	98	130.00	961	177.00	14369
63.00	11133	91.00	1330	131.00	393	178.00	251
64.00	1116	92.00	8401	135.00	467		

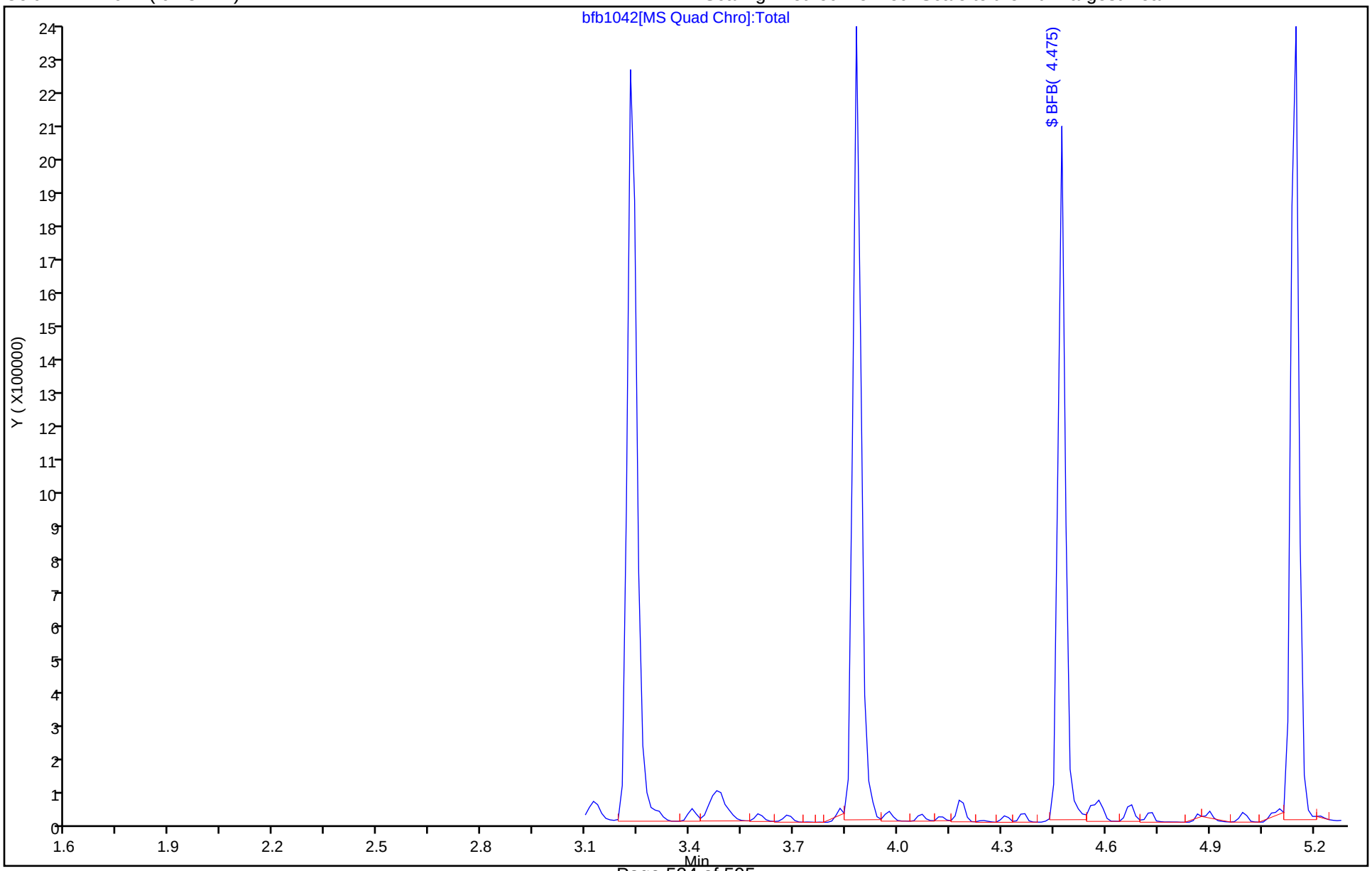
Report Date: 06-May-2022 10:02:31 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\bfb1042.d

Injection Date:	06-May-2022 09:13:55	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-525213/8

Matrix: Water | Lab File ID: U1927303.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-525213/8

Matrix: Water | Lab File ID: U1927303.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 11:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927303.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-May-2022 11:31:46 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 12:08:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 12:08:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	777424	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	579083	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	280022	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	212579	20.0	18.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	97	261135	20.0	20.4	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	709320	20.0	20.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	242273	20.0	18.7	
9 Dichlorodifluoromethane	85		2.048					ND	
10 Chloromethane	50		2.261					ND	
14 1-Chloro-1-fluoroethane TIC	47		2.265					ND	
12 Vinyl chloride	62		2.392					ND	
11 Butadiene	54		2.427					ND	
13 Bromomethane	94		2.759					ND	
15 Chloroethane	64		2.831					ND	7
16 Dichlorofluoromethane	67		3.056					ND	
17 Trichlorofluoromethane	101		3.068					ND	
23 Methylal	45		3.142					ND	
18 Ethyl ether	59		3.317					ND	
19 Acrolein	56		3.447					ND	
20 1,1-Dichloroethene	61		3.542					ND	
21 112TCTFE	101		3.554					ND	
22 Acetone	43		3.566					ND	7
24 Iodomethane	142		3.696					ND	
25 Carbon disulfide	76		3.767					ND	7
26 Acetonitrile	41	3.803	3.803	0.000	62	1700		1.08	
28 Methyl acetate	43		3.827					ND	
27 3-Chloro-1-propene	41		3.850					ND	U
29 Methylene Chloride	49		3.957					ND	7
30 2-Methyl-2-propanol	59	4.017	4.017	0.001	23	796		0.5412	
31 Acrylonitrile	53		4.147					ND	7
33 Methyl tert-butyl ether	73		4.171					ND	
32 trans-1,2-Dichloroethene	61		4.183					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57		4.408					ND	
36 Vinyl acetate	43		4.515					ND	
35 1,1-Dichloroethane	63		4.538					ND	
37 Isopropyl ether	87		4.538					ND	
38 2-Chloro-1,3-butadiene	53		4.598					ND	
39 Tert-butyl ethyl ether	59		4.823					ND	
40 2-Butanone (MEK)	72		4.965					ND	
44 Ethyl acetate	43		4.965					ND	
41 cis-1,2-Dichloroethene	96		4.989					ND	
42 2,2-Dichloropropane	77		5.001					ND	
43 Propionitrile	54		5.001					ND	
45 Methacrylonitrile	41		5.131					ND	
46 Chlorobromomethane	49		5.167					ND	
47 Tetrahydrofuran	42		5.191					ND	
48 Chloroform	83		5.238					ND	
49 1,1,1-Trichloroethane	97		5.392					ND	
50 Cyclohexane	84		5.463					ND	
53 Isobutyl alcohol	41		5.511					ND	
51 1,1-Dichloropropene	75		5.511					ND	
52 Carbon tetrachloride	117		5.523					ND	
54 Benzene	78		5.677					ND	
55 1,2-Dichloroethane	62		5.700					ND	
56 Tert-amyl methyl ether	73		5.736					ND	
57 n-Heptane	57		5.855					ND	
58 n-Butanol	56		6.021					ND	
59 Trichloroethene	130		6.175					ND	
60 Ethyl acrylate	55		6.187					ND	
63 Methyl methacrylate	41		6.365					ND	
61 Methylcyclohexane	83		6.376					ND	
62 1,2-Dichloropropane	63		6.376					ND	
65 1,4-Dioxane	88		6.424					ND	
64 Dibromomethane	174		6.459					ND	
66 Dichlorobromomethane	83		6.578					ND	
67 2-Nitropropane	41		6.732					ND	
68 2-Chloroethyl vinyl ether	63		6.768					ND	
69 cis-1,3-Dichloropropene	75		6.922					ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017					ND	
71 Toluene	91		7.218					ND	
72 trans-1,3-Dichloropropene	75		7.372					ND	
73 Ethyl methacrylate	69		7.384					ND	
74 1,1,2-Trichloroethane	97		7.550					ND	
75 Tetrachloroethene	166		7.657					ND	
76 1,3-Dichloropropane	76		7.693					ND	
77 2-Hexanone	43		7.705					ND	
78 n-Butyl acetate	43		7.776					ND	
79 Chlorodibromomethane	129		7.894					ND	
80 Tetrahydrothiophene	60		7.904					ND	
81 Ethylene Dibromide	107		8.013					ND	
82 1-Chlorohexane	91		8.369					ND	U
83 Chlorobenzene	112		8.428					ND	
84 1,1,1,2-Tetrachloroethane	131		8.499					ND	
85 Ethylbenzene	106		8.499					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 m-Xylene & p-Xylene	106		8.606					ND	
87 o-Xylene	106		8.962					ND	
88 Styrene	104		8.973					ND	
89 Bromoform	173		9.151					ND	
90 Isopropylbenzene	105		9.282					ND	
91 Cyclohexanone	55		9.377					ND	
92 1,4-Dichlorobutane	55		9.386					ND	
93 1,1,2,2-Tetrachloroethane	83		9.543					ND	
97 trans-1,4-Dichloro-2-butene	53		9.578					ND	
95 Bromobenzene	156		9.602					ND	
96 1,2,3-Trichloropropane	110		9.614					ND	
98 N-Propylbenzene	120		9.661					ND	
100 2-Chlorotoluene	126		9.768					ND	
101 1,3,5-Trimethylbenzene	105		9.815					ND	
102 4-Chlorotoluene	126		9.875					ND	
94 3-Ethyltoluene	105		10.091					ND	
103 tert-Butylbenzene	119		10.124					ND	
104 Pentachloroethane	167		10.159					ND	
105 1,2,4-Trimethylbenzene	105		10.171					ND	
106 sec-Butylbenzene	105		10.325					ND	
99 2-Ethyltoluene	105		10.400					ND	
107 1,3-Dichlorobenzene	146		10.456					ND	7
108 4-Isopropyltoluene	119		10.468					ND	
109 1,4-Dichlorobenzene	146		10.551					ND	7
110 1,2,3-Trimethylbenzene	105		10.563					ND	
111 Benzyl chloride	91		10.646					ND	
112 n-Butylbenzene	91		10.847					ND	
113 1,2-Dichlorobenzene	146		10.895					ND	
114 1,2-Dibromo-3-Chloropropane	157		11.630					ND	
115 1,3,5-Trichlorobenzene	180		11.808					ND	
116 1,2,4-Trichlorobenzene	180		12.412					ND	7
117 Hexachlorobutadiene	225		12.543					ND	
118 Naphthalene	128		12.697					ND	7
119 1,2,3-Trichlorobenzene	180		12.922					ND	7
120 2-Methylnaphthalene	142	14.025	14.037	-0.012	80	1782		0.1222	
168 1-Methylnaphthalene	142	14.286	14.286	0.000	92	1459		0.1009	
122 Ethylene oxide	1		0.040					ND	
123 Propene oxide	1		0.040					ND	
121 Epichlorohydrin	1		0.040					ND	
169 Isooctane	57		0.050					ND	
S 125 Trihalomethanes, Total	1		0.040					ND	
S 124 Total BTEX	1		0.040					ND	
S 126 1,2-Dichloroethene, Total	96		1.180					ND	
S 127 1,3-Dichloropropene, Total	75		6.800					ND	
S 128 Xylenes, Total	106		16.570					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

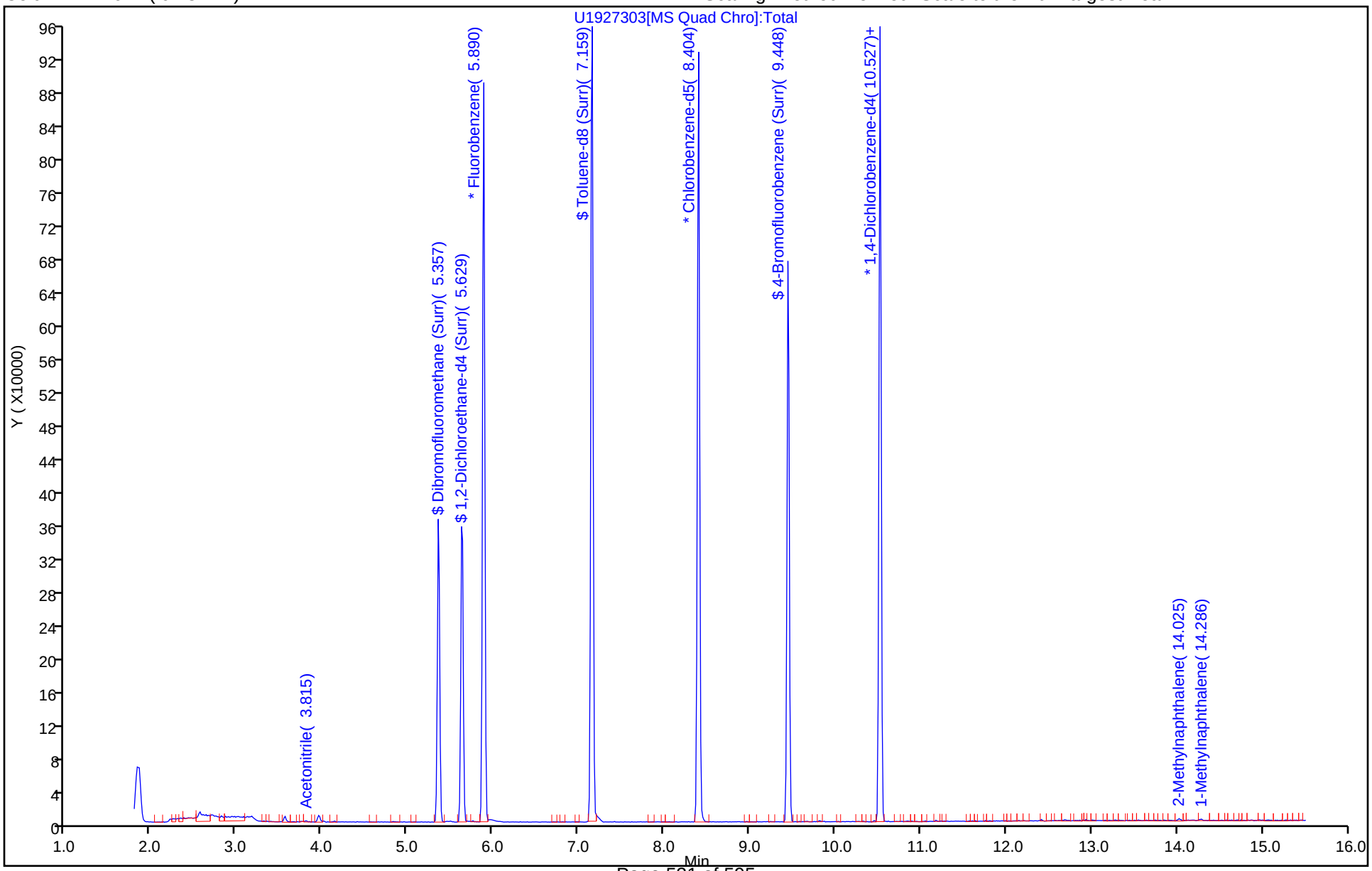
Report Date: 05-May-2022 12:08:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927303.D

Injection Date:	05-May-2022 11:31:46	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927303.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-May-2022 11:31:46 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 12:08:40 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 12:08:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.7	93.46
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.4	102.14
$ 6 Toluene-d8 (Surr)	20.0	20.1	100.72
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.7	93.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-525392/8

Matrix: Water | Lab File ID: U1927333.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 11:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-525392/8

Matrix: Water | Lab File ID: U1927333.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 11:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927333.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2022 11:28:19 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 12:20:14 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 12:20:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	791394	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	578431	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	275574	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.357	0.011	92	213177	20.0	18.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	262942	20.0	20.2	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	716306	20.0	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	244785	20.0	18.9	
9 Dichlorodifluoromethane	85		2.048					ND	
10 Chloromethane	50		2.261					ND	
14 1-Chloro-1-fluoroethane TIC	47		2.265					ND	
12 Vinyl chloride	62		2.392					ND	
11 Butadiene	54		2.416					ND	
13 Bromomethane	94		2.748					ND	
15 Chloroethane	64		2.831					ND	
16 Dichlorofluoromethane	67		3.044					ND	
17 Trichlorofluoromethane	101		3.068					ND	
23 Methylal	45		3.142					ND	
18 Ethyl ether	59		3.317					ND	
19 Acrolein	56		3.447					ND	
20 1,1-Dichloroethene	61		3.542					ND	
21 112TCTFE	101		3.554					ND	
22 Acetone	43	3.566	3.566	0.000	98	11537		0.1663	
24 Iodomethane	142		3.684					ND	
25 Carbon disulfide	76		3.756					ND	7
26 Acetonitrile	41	3.815	3.803	0.012	45	1028		0.6386	
28 Methyl acetate	43		3.827					ND	
27 3-Chloro-1-propene	41		3.851					ND	
29 Methylene Chloride	49		3.957					ND	7
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	7	522		0.3486	
31 Acrylonitrile	53		4.135					ND	7
33 Methyl tert-butyl ether	73		4.171					ND	
32 trans-1,2-Dichloroethene	61		4.183					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57		4.408					ND	
36 Vinyl acetate	43		4.515					ND	
35 1,1-Dichloroethane	63		4.538					ND	
37 Isopropyl ether	87		4.550					ND	
38 2-Chloro-1,3-butadiene	53		4.598					ND	
39 Tert-butyl ethyl ether	59		4.823					ND	
40 2-Butanone (MEK)	72		4.953					ND	
44 Ethyl acetate	43		4.977					ND	
41 cis-1,2-Dichloroethene	96		4.989					ND	
42 2,2-Dichloropropane	77		5.001					ND	
43 Propionitrile	54		5.013					ND	
45 Methacrylonitrile	41		5.131					ND	
46 Chlorobromomethane	49		5.167					ND	
47 Tetrahydrofuran	42		5.191					ND	
48 Chloroform	83		5.238					ND	
49 1,1,1-Trichloroethane	97		5.392					ND	
50 Cyclohexane	84		5.463					ND	
51 1,1-Dichloropropene	75		5.511					ND	
53 Isobutyl alcohol	41		5.511					ND	
52 Carbon tetrachloride	117		5.523					ND	
54 Benzene	78		5.677					ND	
55 1,2-Dichloroethane	62		5.700					ND	
56 Tert-amyl methyl ether	73		5.736					ND	
57 n-Heptane	57		5.855					ND	
58 n-Butanol	56		6.021					ND	
59 Trichloroethene	130		6.175					ND	
60 Ethyl acrylate	55		6.187					ND	
61 Methylcyclohexane	83		6.376					ND	
62 1,2-Dichloropropane	63		6.376					ND	
63 Methyl methacrylate	41		6.377					ND	
65 1,4-Dioxane	88		6.412					ND	
64 Dibromomethane	174		6.459					ND	
66 Dichlorobromomethane	83		6.578					ND	
67 2-Nitropropane	41		6.744					ND	
68 2-Chloroethyl vinyl ether	63		6.768					ND	
69 cis-1,3-Dichloropropene	75		6.922					ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017					ND	
71 Toluene	91		7.218					ND	
72 trans-1,3-Dichloropropene	75		7.373					ND	
73 Ethyl methacrylate	69		7.384					ND	
74 1,1,2-Trichloroethane	97		7.550					ND	
75 Tetrachloroethene	166		7.657					ND	
76 1,3-Dichloropropane	76		7.693					ND	
77 2-Hexanone	43		7.705					ND	
78 n-Butyl acetate	43		7.788					ND	
79 Chlorodibromomethane	129		7.894					ND	
80 Tetrahydrothiophene	60		7.904					ND	
81 Ethylene Dibromide	107		8.013					ND	
82 1-Chlorohexane	91		8.369					ND	U
83 Chlorobenzene	112		8.428					ND	
84 1,1,1,2-Tetrachloroethane	131		8.499					ND	
85 Ethylbenzene	106		8.499					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 m-Xylene & p-Xylene	106		8.606					ND	
87 o-Xylene	106		8.962					ND	
88 Styrene	104		8.973					ND	
89 Bromoform	173		9.151					ND	
90 Isopropylbenzene	105		9.282					ND	
92 1,4-Dichlorobutane	55		9.386					ND	
91 Cyclohexanone	55		9.389					ND	
93 1,1,2,2-Tetrachloroethane	83		9.543					ND	
97 trans-1,4-Dichloro-2-butene	53		9.578					ND	
95 Bromobenzene	156		9.602					ND	
96 1,2,3-Trichloropropane	110		9.614					ND	
98 N-Propylbenzene	120		9.661					ND	
100 2-Chlorotoluene	126		9.768					ND	
101 1,3,5-Trimethylbenzene	105		9.815					ND	
102 4-Chlorotoluene	126		9.875					ND	
94 3-Ethyltoluene	105		10.091					ND	
103 tert-Butylbenzene	119		10.124					ND	
104 Pentachloroethane	167		10.159					ND	
105 1,2,4-Trimethylbenzene	105		10.171					ND	
106 sec-Butylbenzene	105		10.325					ND	
99 2-Ethyltoluene	105		10.400					ND	
107 1,3-Dichlorobenzene	146		10.456					ND	7
108 4-Isopropyltoluene	119		10.468					ND	
109 1,4-Dichlorobenzene	146		10.551					ND	7
110 1,2,3-Trimethylbenzene	105		10.563					ND	
111 Benzyl chloride	91		10.646					ND	
112 n-Butylbenzene	91		10.847					ND	
113 1,2-Dichlorobenzene	146		10.895					ND	
114 1,2-Dibromo-3-Chloropropane	157		11.630					ND	
115 1,3,5-Trichlorobenzene	180		11.808					ND	
116 1,2,4-Trichlorobenzene	180		12.412					ND	7
117 Hexachlorobutadiene	225		12.555					ND	U
118 Naphthalene	128		12.697					ND	7
119 1,2,3-Trichlorobenzene	180		12.922					ND	
120 2-Methylnaphthalene	142	14.025	14.037	-0.012	90	1606		0.1119	
168 1-Methylnaphthalene	142	14.274	14.286	-0.012	89	1787		0.1255	
122 Ethylene oxide	1		0.040					ND	
123 Propene oxide	1		0.040					ND	
121 Epichlorohydrin	1		0.040					ND	
169 Isooctane	57		0.050					ND	
S 125 Trihalomethanes, Total	1		0.040					ND	
S 124 Total BTEX	1		0.040					ND	
S 126 1,2-Dichloroethene, Total	96		1.180					ND	
S 127 1,3-Dichloropropene, Total	75		6.800					ND	
S 128 Xylenes, Total	106		16.570					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

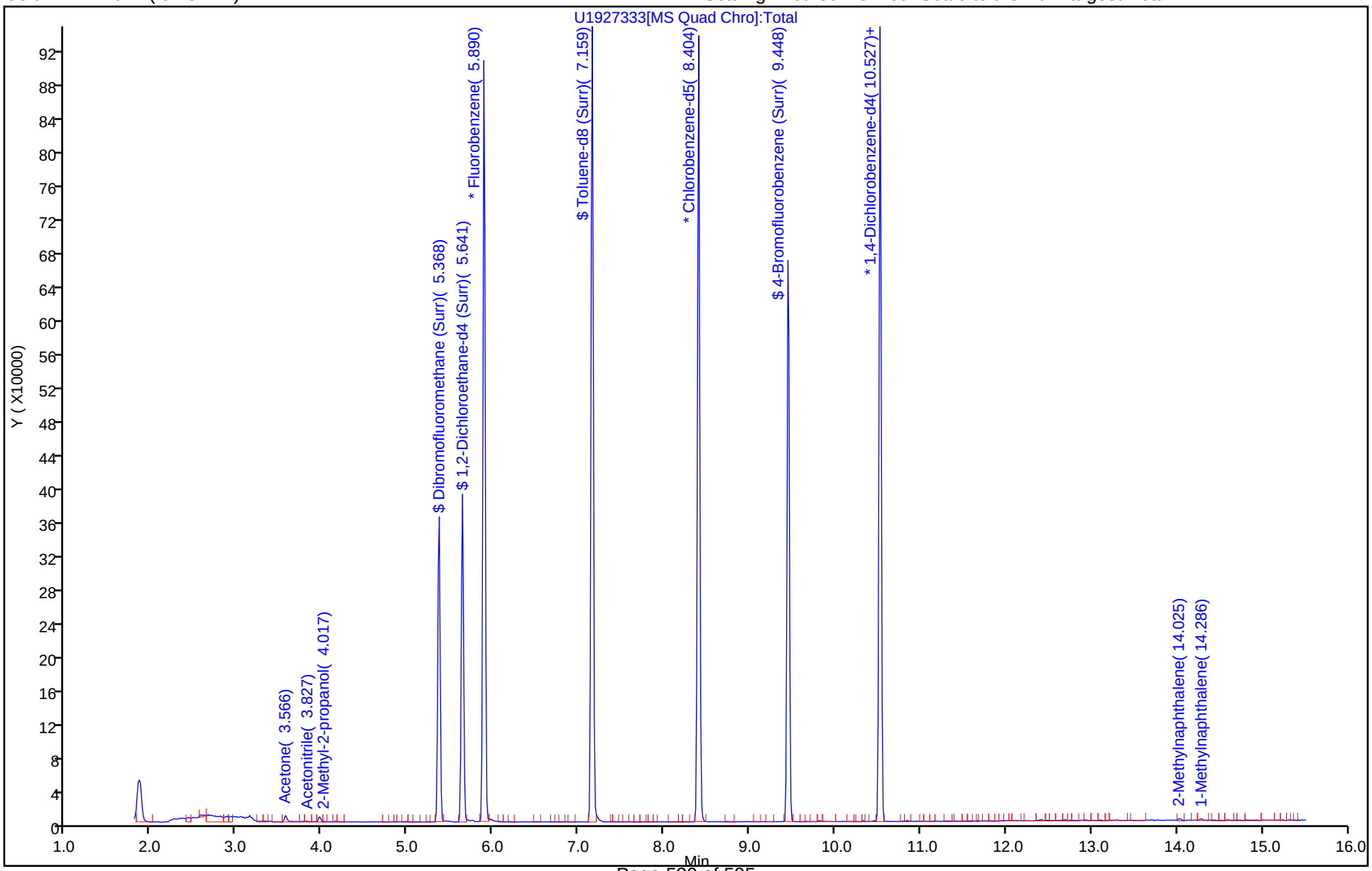
Report Date: 06-May-2022 12:20:14 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927333.D

Injection Date:	06-May-2022 11:28:19	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927333.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-May-2022 11:28:19 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 12:20:14 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 12:20:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	92.07
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	101.04
$ 6 Toluene-d8 (Surr)	20.0	20.4	101.83
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.9	94.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-525213/5

Matrix: Water | Lab File ID: U1927300.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 10:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.7		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.60
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.48
75-34-3	1,1-Dichloroethane	18.6		1.0	0.47
75-35-4	1,1-Dichloroethene	19.2		1.0	0.49
107-06-2	1,2-Dichloroethane	18.9		1.0	0.21
78-87-5	1,2-Dichloropropane	18.9		1.0	0.47
591-78-6	2-Hexanone	45.0		10	1.1
67-64-1	Acetone	37.2		10	5.4
71-43-2	Benzene	19.1		1.0	0.42
75-25-2	Bromoform	20.7		1.0	0.76
74-83-9	Bromomethane	17.7		1.0	0.42
75-15-0	Carbon disulfide	17.2		1.0	0.59
56-23-5	Carbon tetrachloride	19.1		1.0	0.26
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	17.3		1.0	0.83
67-66-3	Chloroform	18.9		1.0	0.47
74-87-3	Chloromethane	18.4		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	18.4		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.61
75-27-4	Dichlorobromomethane	19.2		1.0	0.17
100-41-4	Ethylbenzene	20.6		1.0	0.42
78-93-3	2-Butanone (MEK)	36.8		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	38.5		10	0.99
75-09-2	Methylene Chloride	19.2		5.0	2.6
100-42-5	Styrene	21.3		1.0	0.45
127-18-4	Tetrachloroethene	20.5		1.0	0.44
108-88-3	Toluene	20.3		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.67
79-01-6	Trichloroethene	18.6		1.0	0.44
75-01-4	Vinyl chloride	18.9		1.0	0.45
1330-20-7	Xylenes, Total	42.1		2.0	0.42
124-48-1	Chlorodibromomethane	20.7		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-525213/5

Matrix: Water | Lab File ID: U1927300.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 10:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
460-00-4	4-Bromofluorobenzene (Surr)	103		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927300.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-May-2022 10:25:19 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 08:42:05 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 10:46:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	879381	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	643023	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	97	341551	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	91	239226	20.0	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	275605	20.0	19.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	804084	20.0	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	296715	20.0	20.6	
9 Dichlorodifluoromethane	85	2.036	2.048	-0.012	99	304254	20.0	20.6	
10 Chloromethane	50	2.261	2.261	0.000	99	266449	20.0	18.4	
12 Vinyl chloride	62	2.392	2.392	0.000	98	293392	20.0	18.9	
11 Butadiene	54	2.416	2.427	-0.011	87	240702	20.0	16.5	
13 Bromomethane	94	2.748	2.759	-0.011	92	263969	20.0	17.7	
15 Chloroethane	64	2.831	2.831	0.000	100	204189	20.0	17.3	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	498966	20.0	17.2	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	98	471673	20.0	18.1	
18 Ethyl ether	59	3.317	3.317	0.000	89	171552	20.0	19.3	
19 Acrolein	56	3.447	3.447	0.000	98	138955	100.0	81.5	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	314135	20.0	19.2	
21 112TCTFE	101	3.554	3.554	0.000	94	245302	20.0	18.6	
22 Acetone	43	3.566	3.566	0.000	100	173311	40.0	37.2	
24 Iodomethane	142	3.696	3.696	0.000	99	369433	20.0	18.7	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	500025	20.0	17.2	
28 Methyl acetate	43	3.827	3.827	0.000	96	396923	40.0	37.5	
27 3-Chloro-1-propene	41	3.850	3.850	0.000	85	242992	20.0	18.5	
29 Methylene Chloride	49	3.957	3.957	0.000	88	268836	20.0	19.2	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	97	312307	200.0	187.7	
31 Acrylonitrile	53	4.135	4.147	-0.012	98	1051972	200.0	190.7	
33 Methyl tert-butyl ether	73	4.171	4.171	0.000	95	615836	20.0	19.1	
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	96	297412	20.0	18.8	
34 Hexane	57	4.408	4.408	0.000	90	285600	20.0	19.3	
36 Vinyl acetate	43	4.515	4.515	0.000	97	342208	20.0	19.2	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	362717	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	99	81016	40.0	36.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	247221	20.0	18.4	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	89	232545	20.0	17.9	
46 Chlorobromomethane	49	5.167	5.167	0.000	87	168208	20.0	18.3	
47 Tetrahydrofuran	42	5.191	5.191	0.001	83	174786	40.0	40.8	
48 Chloroform	83	5.238	5.238	0.000	94	412815	20.0	18.9	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	350085	20.0	18.7	
50 Cyclohexane	84	5.463	5.463	0.000	86	347973	20.0	18.8	
53 Isobutyl alcohol	41	5.511	5.511	0.000	82	289679	500.0	484.1	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	93	311377	20.0	19.5	
52 Carbon tetrachloride	117	5.523	5.523	0.000	96	311959	20.0	19.1	
54 Benzene	78	5.665	5.677	-0.012	96	868662	20.0	19.1	
55 1,2-Dichloroethane	62	5.689	5.700	-0.011	98	311596	20.0	18.9	
57 n-Heptane	57	5.855	5.855	0.000	85	156766	20.0	18.3	
59 Trichloroethene	130	6.175	6.175	0.000	97	244303	20.0	18.6	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	376183	20.0	19.3	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	88	196523	20.0	18.9	
65 1,4-Dioxane	88	6.412	6.424	-0.012	92	77775	400.0	433.9	
64 Dibromomethane	174	6.459	6.459	0.000	96	154484	20.0	18.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	263928	20.0	19.2	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	139248	20.0	19.7	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	279988	20.0	19.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	502248	40.0	38.5	
71 Toluene	91	7.218	7.218	0.000	98	910319	20.0	20.3	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.000	96	262387	20.0	21.0	
73 Ethyl methacrylate	69	7.384	7.384	0.000	88	268100	20.0	21.8	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	93	195796	20.0	20.6	
75 Tetrachloroethene	166	7.657	7.657	0.000	97	246647	20.0	20.5	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	330887	20.0	21.0	
77 2-Hexanone	43	7.705	7.705	0.000	92	388177	40.0	45.0	
79 Chlorodibromomethane	129	7.894	7.894	0.000	90	189953	20.0	20.7	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	208257	20.0	20.7	
83 Chlorobenzene	112	8.428	8.428	0.000	95	583768	20.0	19.9	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	92	210593	20.0	20.6	
85 Ethylbenzene	106	8.499	8.499	0.000	98	310120	20.0	20.6	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	381791	20.0	20.9	
87 o-Xylene	106	8.962	8.962	0.000	97	371458	20.0	21.2	
88 Styrene	104	8.973	8.973	0.000	93	597324	20.0	21.3	
89 Bromoform	173	9.151	9.151	0.000	94	129013	20.0	20.7	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1002050	20.0	21.2	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	95	312422	20.0	20.9	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	81	83349	20.0	21.8	
95 Bromobenzene	156	9.602	9.602	0.000	95	245965	20.0	19.8	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	106924	20.0	19.7	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	268929	20.0	21.2	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	234738	20.0	20.8	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	811678	20.0	21.6	
102 4-Chlorotoluene	126	9.875	9.875	0.000	97	244239	20.0	20.7	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	692139	20.0	21.0	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	829051	20.0	22.3	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1018803	20.0	21.7	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	461734	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.456	10.468	-0.012	97	850678	20.0	22.2	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	96	472321	20.0	19.7	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	714885	20.0	21.6	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.001	97	440904	20.0	20.3	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	84	66839	20.0	19.9	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	94	233277	20.0	19.9	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	90624	20.0	21.9	
118 Naphthalene	128	12.697	12.697	0.000	97	804379	20.0	21.6	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	229238	20.0	20.2	
S 125 Trihalomethanes, Total	1				0		80.0	79.5	
S 124 Total BTEX	1				0		100.0	102.1	
S 128 Xylenes, Total	106				0		40.0	42.0	

QC Flag Legend

Processing Flags

Reagents:

vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vmfasgw_00453	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

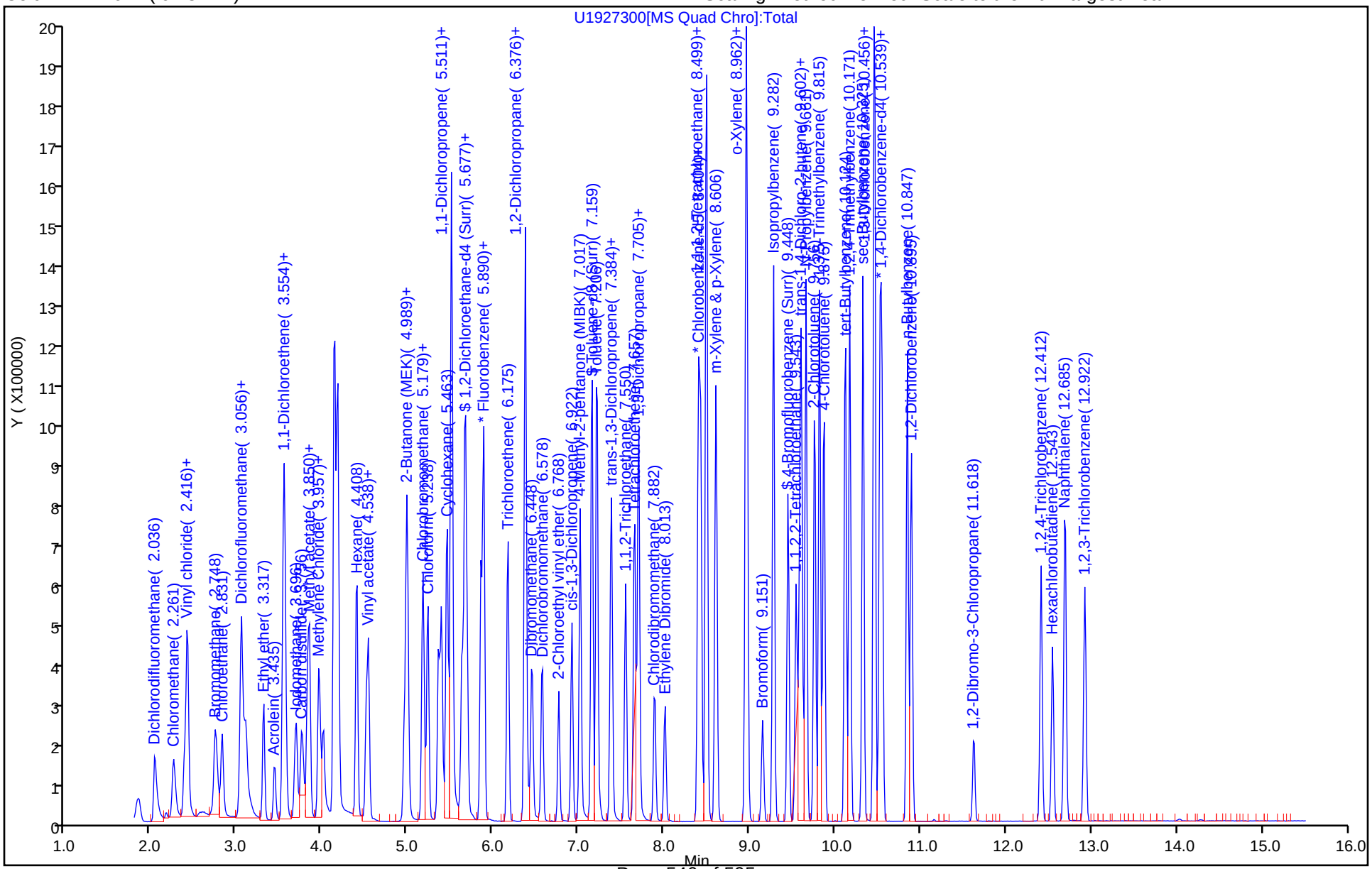
Report Date: 05-May-2022 10:46:27 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927300.D

Injection Date:	05-May-2022 10:25:19	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927300.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-May-2022 10:25:19 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118262-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 05-May-2022 08:42:05 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 05-May-2022 10:46:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	92.98
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.1	95.30
$ 6 Toluene-d8 (Surr)	20.0	20.6	102.83
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.6	103.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-525392/5

Matrix: Water | Lab File ID: U1927330.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 10:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	22.0		1.0	0.60
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.48
75-34-3	1,1-Dichloroethane	19.0		1.0	0.47
75-35-4	1,1-Dichloroethene	19.7		1.0	0.49
107-06-2	1,2-Dichloroethane	18.9		1.0	0.21
78-87-5	1,2-Dichloropropane	19.3		1.0	0.47
591-78-6	2-Hexanone	46.5		10	1.1
67-64-1	Acetone	38.1		10	5.4
71-43-2	Benzene	19.1		1.0	0.42
75-25-2	Bromoform	20.6		1.0	0.76
74-83-9	Bromomethane	17.1		1.0	0.42
75-15-0	Carbon disulfide	18.8		1.0	0.59
56-23-5	Carbon tetrachloride	19.6		1.0	0.26
108-90-7	Chlorobenzene	20.7		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.83
67-66-3	Chloroform	18.7		1.0	0.47
74-87-3	Chloromethane	18.3		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.61
75-27-4	Dichlorobromomethane	18.9		1.0	0.17
100-41-4	Ethylbenzene	21.4		1.0	0.42
78-93-3	2-Butanone (MEK)	35.8		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	39.9		10	0.99
75-09-2	Methylene Chloride	19.3		5.0	2.6
100-42-5	Styrene	22.2		1.0	0.45
127-18-4	Tetrachloroethene	21.0		1.0	0.44
108-88-3	Toluene	20.9		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	21.3		1.0	0.67
79-01-6	Trichloroethene	18.6		1.0	0.44
75-01-4	Vinyl chloride	18.7		1.0	0.45
1330-20-7	Xylenes, Total	43.8		2.0	0.42
124-48-1	Chlorodibromomethane	21.2		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-525392/5

Matrix: Water | Lab File ID: U1927330.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 10:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		62-137
460-00-4	4-Bromofluorobenzene (Surr)	107		56-136
2037-26-5	Toluene-d8 (Surr)	106		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927330.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2022 10:21:20 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 10:41:59 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 10:42:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	877589	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	89	636484	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	331420	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	238243	20.0	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	99	275794	20.0	19.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	821258	20.0	21.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	304098	20.0	21.4	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	309765	20.0	21.0	
10 Chloromethane	50	2.262	2.261	0.001	99	264480	20.0	18.3	
12 Vinyl chloride	62	2.404	2.392	0.012	98	288916	20.0	18.7	
11 Butadiene	54	2.428	2.416	0.012	88	240416	20.0	16.5	
13 Bromomethane	94	2.748	2.748	0.000	92	255616	20.0	17.1	
15 Chloroethane	64	2.831	2.831	0.000	100	202571	20.0	17.2	
16 Dichlorofluoromethane	67	3.056	3.044	0.012	98	504483	20.0	17.4	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	99	466063	20.0	18.0	
18 Ethyl ether	59	3.317	3.317	0.000	88	170501	20.0	19.3	
19 Acrolein	56	3.447	3.447	0.000	99	127802	100.0	75.1	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	320996	20.0	19.7	
21 112TCTFE	101	3.554	3.554	0.000	96	256918	20.0	19.5	
22 Acetone	43	3.566	3.566	0.000	100	176637	40.0	38.1	
24 Iodomethane	142	3.696	3.684	0.012	99	368865	20.0	18.7	
25 Carbon disulfide	76	3.756	3.756	0.000	99	543750	20.0	18.8	
28 Methyl acetate	43	3.827	3.827	0.000	96	405839	40.0	38.5	
27 3-Chloro-1-propene	41	3.851	3.851	0.001	85	244402	20.0	18.6	
29 Methylene Chloride	49	3.957	3.957	0.000	89	270115	20.0	19.3	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	96	294650	200.0	177.5	
31 Acrylonitrile	53	4.147	4.135	0.012	98	1040486	200.0	189.0	
33 Methyl tert-butyl ether	73	4.171	4.171	0.000	95	600003	20.0	18.7	
32 trans-1,2-Dichloroethene	61	4.183	4.183	0.000	97	303231	20.0	19.2	
34 Hexane	57	4.408	4.408	0.000	91	293275	20.0	19.9	
36 Vinyl acetate	43	4.515	4.515	0.000	97	337772	20.0	19.0	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	368746	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	78572	40.0	35.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	253081	20.0	18.8	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	235413	20.0	18.2	
46 Chlorobromomethane	49	5.179	5.167	0.012	88	174145	20.0	19.0	
47 Tetrahydrofuran	42	5.191	5.191	0.000	82	171292	40.0	40.1	
48 Chloroform	83	5.238	5.238	0.000	93	408025	20.0	18.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	353316	20.0	18.9	
50 Cyclohexane	84	5.463	5.463	0.000	86	354626	20.0	19.2	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	91	315937	20.0	19.8	
53 Isobutyl alcohol	41	5.511	5.511	0.000	79	272909	500.0	457.0	
52 Carbon tetrachloride	117	5.523	5.523	0.000	95	319462	20.0	19.6	
54 Benzene	78	5.677	5.677	0.000	96	864892	20.0	19.1	
55 1,2-Dichloroethane	62	5.701	5.700	0.000	98	311019	20.0	18.9	
57 n-Heptane	57	5.855	5.855	0.000	86	160815	20.0	18.9	
59 Trichloroethene	130	6.175	6.175	0.000	97	243796	20.0	18.6	
61 Methylcyclohexane	83	6.376	6.376	0.000	90	378229	20.0	19.5	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	92	199778	20.0	19.3	
65 1,4-Dioxane	88	6.424	6.412	0.012	90	79123	400.0	442.3	
64 Dibromomethane	174	6.459	6.459	0.000	96	155463	20.0	18.3	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	259045	20.0	18.9	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	137143	20.0	19.5	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	276510	20.0	19.1	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	519148	40.0	39.9	
71 Toluene	91	7.218	7.218	0.000	98	927863	20.0	20.9	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	96	263670	20.0	21.3	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	279336	20.0	22.9	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	203896	20.0	21.6	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	249926	20.0	21.0	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	337195	20.0	21.6	
77 2-Hexanone	43	7.705	7.705	0.000	92	396876	40.0	46.5	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	193114	20.0	21.2	
81 Ethylene Dibromide	107	8.013	8.013	0.000	97	213843	20.0	21.4	
83 Chlorobenzene	112	8.428	8.428	0.000	95	599765	20.0	20.7	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	213392	20.0	21.1	
85 Ethylbenzene	106	8.499	8.499	0.000	98	319128	20.0	21.4	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	395421	20.0	21.8	
87 o-Xylene	106	8.962	8.962	0.000	97	382074	20.0	22.0	
88 Styrene	104	8.973	8.973	0.000	94	615174	20.0	22.2	
89 Bromoform	173	9.151	9.151	0.000	94	127127	20.0	20.6	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1016192	20.0	21.7	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	318164	20.0	22.0	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	82	83453	20.0	22.5	
95 Bromobenzene	156	9.602	9.602	0.000	95	254891	20.0	21.1	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	109335	20.0	20.7	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	274762	20.0	22.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	239142	20.0	21.9	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	831221	20.0	22.8	
102 4-Chlorotoluene	126	9.875	9.875	0.000	98	247933	20.0	21.7	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	714773	20.0	22.3	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	843802	20.0	23.4	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1042820	20.0	22.9	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	95	468987	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.468	10.468	0.000	96	863691	20.0	23.2	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	96	480528	20.0	20.7	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	725316	20.0	22.6	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	448431	20.0	21.3	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	84	66808	20.0	20.5	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.000	94	237534	20.0	20.8	
117 Hexachlorobutadiene	225	12.543	12.555	-0.012	96	93371	20.0	23.2	
118 Naphthalene	128	12.697	12.697	0.000	97	815754	20.0	22.6	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	233258	20.0	21.2	
S 125 Trihalomethanes, Total	1				0		80.0	79.4	
S 124 Total BTEX	1				0		100.0	105.2	
S 128 Xylenes, Total	106				0		40.0	43.8	

QC Flag Legend

Processing Flags

Reagents:

vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vmfasgw_00453	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

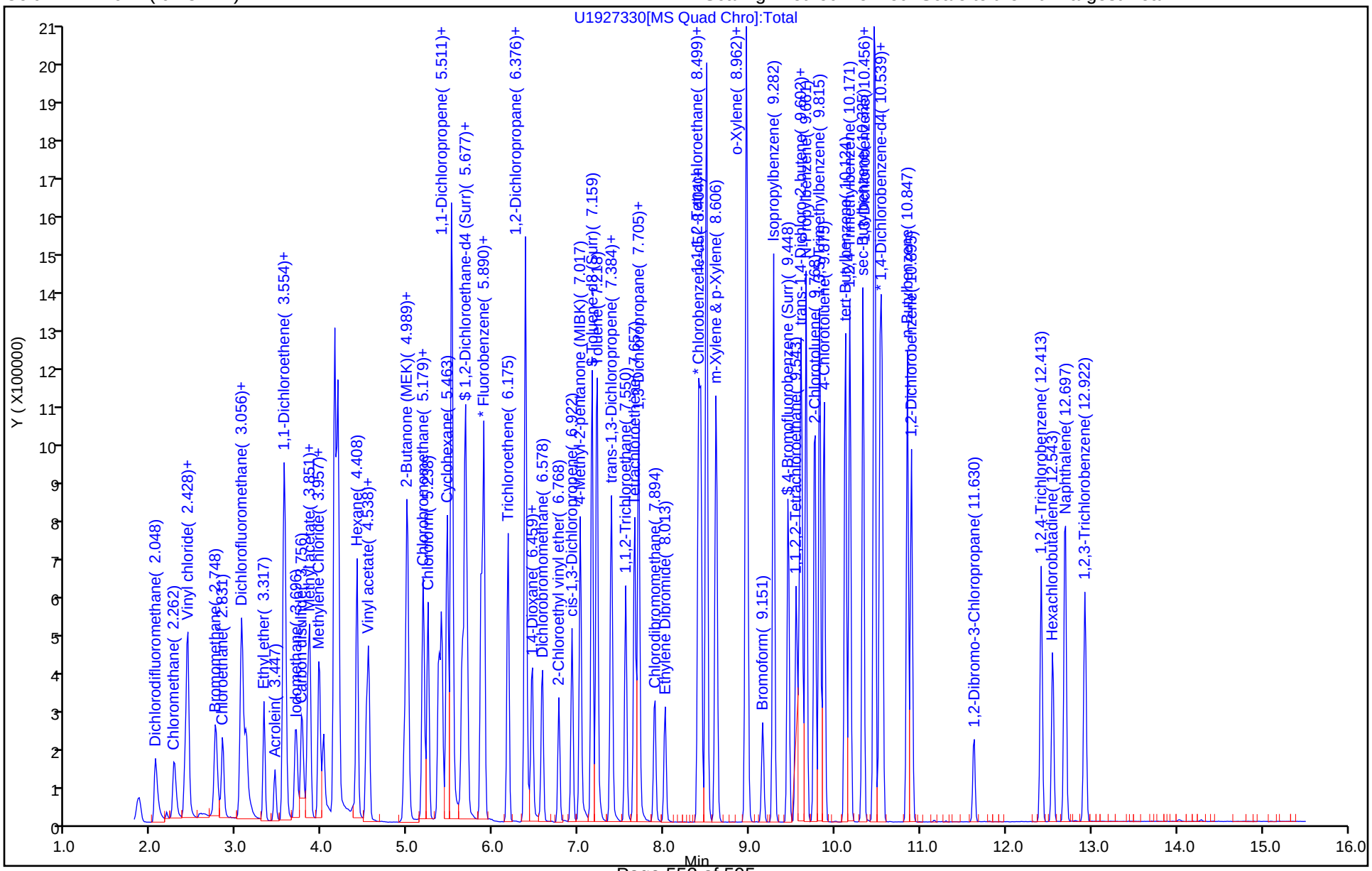
Report Date: 06-May-2022 10:42:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927330.D

Injection Date:	06-May-2022 10:21:20	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927330.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-May-2022 10:21:20 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118300-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 10:41:59 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 10:42:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	92.79
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.1	95.56
$ 6 Toluene-d8 (Surr)	20.0	21.2	106.10
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.4	106.88

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 MS | Lab Sample ID: 240-165834-9 MS

Matrix: Water | Lab File ID: U1927326.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 20:04

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1780		100	48
79-34-5	1,1,2,2-Tetrachloroethane	2210		100	60
79-00-5	1,1,2-Trichloroethane	2200		100	48
75-34-3	1,1-Dichloroethane	1870		100	47
75-35-4	1,1-Dichloroethene	1870		100	49
107-06-2	1,2-Dichloroethane	1910		100	21
78-87-5	1,2-Dichloropropane	1880		100	47
591-78-6	2-Hexanone	4580		1000	110
67-64-1	Acetone	3780		1000	540
71-43-2	Benzene	1870		100	42
75-25-2	Bromoform	2050		100	76
74-83-9	Bromomethane	1680		100	42
75-15-0	Carbon disulfide	1650		100	59
56-23-5	Carbon tetrachloride	1790		100	26
108-90-7	Chlorobenzene	1960		100	38
75-00-3	Chloroethane	1650		100	83
67-66-3	Chloroform	1870		100	47
74-87-3	Chloromethane	1730		100	63
156-59-2	cis-1,2-Dichloroethene	4650		100	46
10061-01-5	cis-1,3-Dichloropropene	1770		100	61
75-27-4	Dichlorobromomethane	1870		100	17
100-41-4	Ethylbenzene	1970		100	42
78-93-3	2-Butanone (MEK)	3820		1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	3880		1000	99
75-09-2	Methylene Chloride	1970		500	260
100-42-5	Styrene	2100		100	45
127-18-4	Tetrachloroethene	1900		100	44
108-88-3	Toluene	2020		100	44
156-60-5	trans-1,2-Dichloroethene	1870		100	51
10061-02-6	trans-1,3-Dichloropropene	2000		100	67
79-01-6	Trichloroethene	1770		100	44
75-01-4	Vinyl chloride	1890		100	45
1330-20-7	Xylenes, Total	4080		200	42
124-48-1	Chlorodibromomethane	2110		100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 MS | Lab Sample ID: 240-165834-9 MS

Matrix: Water | Lab File ID: U1927326.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 20:04

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		62-137
460-00-4	4-Bromofluorobenzene (Surr)	106		56-136
2037-26-5	Toluene-d8 (Surr)	107		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927326.D
Lims ID: 240-165834-B-9 MS
Client ID: GW-042622-SS-009
Sample Type: MS
Inject. Date: 05-May-2022 20:04:39 ALS Bottle#: 0 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-031
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	853067	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	610470	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	97	319018	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	93	234221	0.2000	18.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	270901	0.2000	19.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	796859	0.2000	21.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	290422	0.2000	21.3	
10 Chloromethane	50	2.273	2.261	0.012	99	242858	0.2000	17.3	
12 Vinyl chloride	62	2.404	2.392	0.012	98	285046	0.2000	18.9	
13 Bromomethane	94	2.759	2.759	0.000	92	242906	0.2000	16.8	
15 Chloroethane	64	2.831	2.831	0.000	100	189603	0.2000	16.5	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	295570	0.2000	18.7	
22 Acetone	43	3.566	3.566	0.000	100	170471	0.4000	37.8	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	464798	0.2000	16.5	
29 Methylene Chloride	49	3.957	3.957	0.000	88	267011	0.2000	19.7	
32 trans-1,2-Dichloroethene	61	4.182	4.183	-0.001	97	287308	0.2000	18.7	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	353623	0.2000	18.7	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	81641	0.4000	38.2	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	86	607037	0.2000	46.5	
48 Chloroform	83	5.238	5.238	0.000	93	395651	0.2000	18.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	322405	0.2000	17.8	
52 Carbon tetrachloride	117	5.522	5.523	-0.001	96	282695	0.2000	17.9	
54 Benzene	78	5.677	5.677	0.000	97	825214	0.2000	18.7	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	304692	0.2000	19.1	
59 Trichloroethene	130	6.175	6.175	0.000	97	225774	0.2000	17.7	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	189459	0.2000	18.8	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	249219	0.2000	18.7	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	249340	0.2000	17.7	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	491173	0.4000	38.8	
71 Toluene	91	7.218	7.218	0.000	98	857109	0.2000	20.2	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	96	237122	0.2000	20.0	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	198899	0.2000	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	95	216776	0.2000	19.0	
77 2-Hexanone	43	7.704	7.705	-0.001	94	375036	0.4000	45.8	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	184469	0.2000	21.1	
83 Chlorobenzene	112	8.428	8.428	0.000	95	544815	0.2000	19.6	
85 Ethylbenzene	106	8.499	8.499	0.000	98	282189	0.2000	19.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	348202	0.2000	20.0	
87 o-Xylene	106	8.961	8.962	-0.001	97	345965	0.2000	20.8	
88 Styrene	104	8.973	8.973	0.000	94	560302	0.2000	21.0	
89 Bromoform	173	9.151	9.151	0.000	93	120987	0.2000	20.5	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	307519	0.2000	22.1	
S 128 Xylenes, Total	106				0		0.4000	40.8	

QC Flag Legend

Processing Flags

Reagents:

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vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

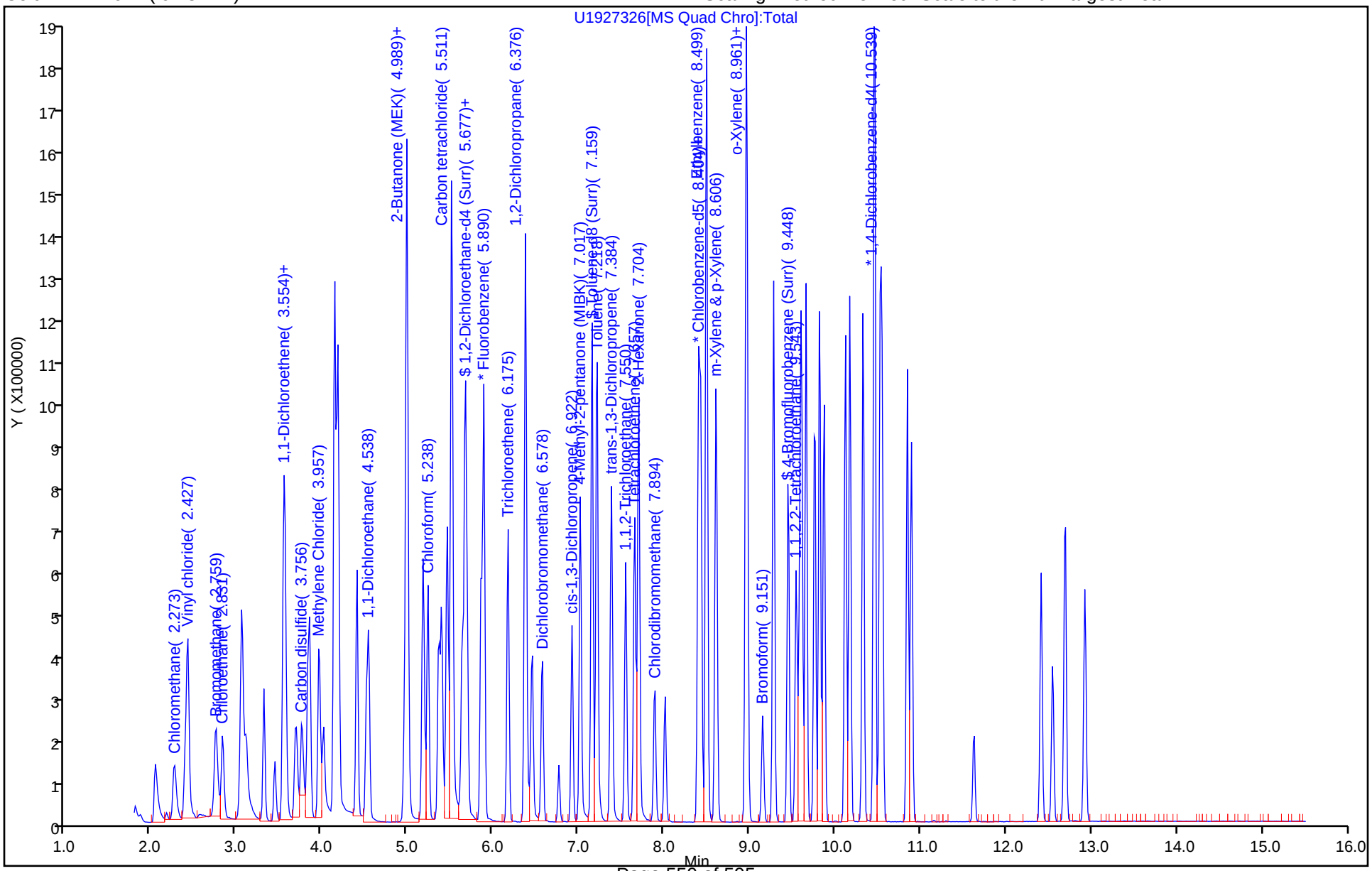
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927326.D

Injection Date:	05-May-2022 20:04:39	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-9 MS			Worklist Smp#:	31
Client ID:	GW-042622-SS-009				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Report Date: 06-May-2022 08:23:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927326.D
Lims ID: 240-165834-B-9 MS
Client ID: GW-042622-SS-009
Sample Type: MS
Inject. Date: 05-May-2022 20:04:39 ALS Bottle#: 0 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-031
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.8	9384.45
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.3	9656.78
$ 6 Toluene-d8 (Surr)	20.0	21.5	10733.54
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.3	10642.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 MS | Lab Sample ID: 240-165834-17 MS

Matrix: Water | Lab File ID: U1927341.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:27

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1980		100	48
79-34-5	1,1,2,2-Tetrachloroethane	2150		100	60
79-00-5	1,1,2-Trichloroethane	2150		100	48
75-34-3	1,1-Dichloroethane	1900		100	47
75-35-4	1,1-Dichloroethene	1990		100	49
107-06-2	1,2-Dichloroethane	1880		100	21
78-87-5	1,2-Dichloropropane	1920		100	47
591-78-6	2-Hexanone	4520		1000	110
67-64-1	Acetone	4000		1000	540
71-43-2	Benzene	1920		100	42
75-25-2	Bromoform	2060		100	76
74-83-9	Bromomethane	1720		100	42
75-15-0	Carbon disulfide	1790		100	59
56-23-5	Carbon tetrachloride	1900		100	26
108-90-7	Chlorobenzene	2050		100	38
75-00-3	Chloroethane	1730		100	83
67-66-3	Chloroform	1900		100	47
74-87-3	Chloromethane	1800		100	63
156-59-2	cis-1,2-Dichloroethene	4320		100	46
10061-01-5	cis-1,3-Dichloropropene	1860		100	61
75-27-4	Dichlorobromomethane	1890		100	17
100-41-4	Ethylbenzene	2140		100	42
78-93-3	2-Butanone (MEK)	3880		1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	3860		1000	99
75-09-2	Methylene Chloride	1960		500	260
100-42-5	Styrene	2220		100	45
127-18-4	Tetrachloroethene	2050		100	44
108-88-3	Toluene	2090		100	44
156-60-5	trans-1,2-Dichloroethene	1920		100	51
10061-02-6	trans-1,3-Dichloropropene	2030		100	67
79-01-6	Trichloroethene	3590		100	44
75-01-4	Vinyl chloride	1850		100	45
1330-20-7	Xylenes, Total	4370		200	42
124-48-1	Chlorodibromomethane	2070		100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 MS | Lab Sample ID: 240-165834-17 MS

Matrix: Water | Lab File ID: U1927341.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:27

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
460-00-4	4-Bromofluorobenzene (Surr)	103		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927341.D
Lims ID: 240-165834-B-17 MS
Client ID:
Sample Type: MS
Inject. Date: 06-May-2022 14:27:08 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-016
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 12:43:47 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:58:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	851279	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	612227	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	322393	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	226895	0.2000	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	99	265806	0.2000	19.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	773871	0.2000	20.8	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	280850	0.2000	20.5	
10 Chloromethane	50	2.273	2.261	0.012	99	253213	0.2000	18.0	
12 Vinyl chloride	62	2.404	2.392	0.012	98	278253	0.2000	18.5	
13 Bromomethane	94	2.760	2.748	0.012	92	248763	0.2000	17.2	
15 Chloroethane	64	2.843	2.831	0.012	100	198692	0.2000	17.3	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	98	314084	0.2000	19.9	
22 Acetone	43	3.566	3.566	0.000	100	179401	0.4000	40.0	
25 Carbon disulfide	76	3.768	3.756	0.012	99	503558	0.2000	17.9	
29 Methylene Chloride	49	3.969	3.957	0.012	88	266240	0.2000	19.6	
32 trans-1,2-Dichloroethene	61	4.195	4.183	0.012	96	294863	0.2000	19.2	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	358710	0.2000	19.0	
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	82619	0.4000	38.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	562841	0.2000	43.2	
48 Chloroform	83	5.238	5.238	0.000	93	402064	0.2000	19.0	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	358106	0.2000	19.8	
52 Carbon tetrachloride	117	5.523	5.523	0.000	97	299821	0.2000	19.0	
54 Benzene	78	5.677	5.677	0.000	95	847032	0.2000	19.2	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	300097	0.2000	18.8	
59 Trichloroethene	130	6.175	6.175	0.000	97	457283	0.2000	35.9	
62 1,2-Dichloropropane	63	6.377	6.376	0.001	93	192550	0.2000	19.2	
66 Dichlorobromomethane	83	6.578	6.578	0.000	98	251961	0.2000	18.9	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	261515	0.2000	18.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	488014	0.4000	38.6	
71 Toluene	91	7.219	7.218	0.000	98	891411	0.2000	20.9	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	97	242047	0.2000	20.3	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.001	92	195265	0.2000	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	95	234310	0.2000	20.5	
77 2-Hexanone	43	7.705	7.705	0.000	93	371180	0.4000	45.2	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	181220	0.2000	20.7	
83 Chlorobenzene	112	8.428	8.428	0.000	94	570863	0.2000	20.5	
85 Ethylbenzene	106	8.499	8.499	0.000	98	306447	0.2000	21.4	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	375410	0.2000	21.5	
87 o-Xylene	106	8.962	8.962	0.000	95	371752	0.2000	22.2	
88 Styrene	104	8.974	8.973	0.001	93	592547	0.2000	22.2	
89 Bromoform	173	9.151	9.151	0.000	95	122217	0.2000	20.6	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	303222	0.2000	21.5	
S 128 Xylenes, Total	106				0		0.4000	43.8	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added:	16.00	Units: uL	
vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

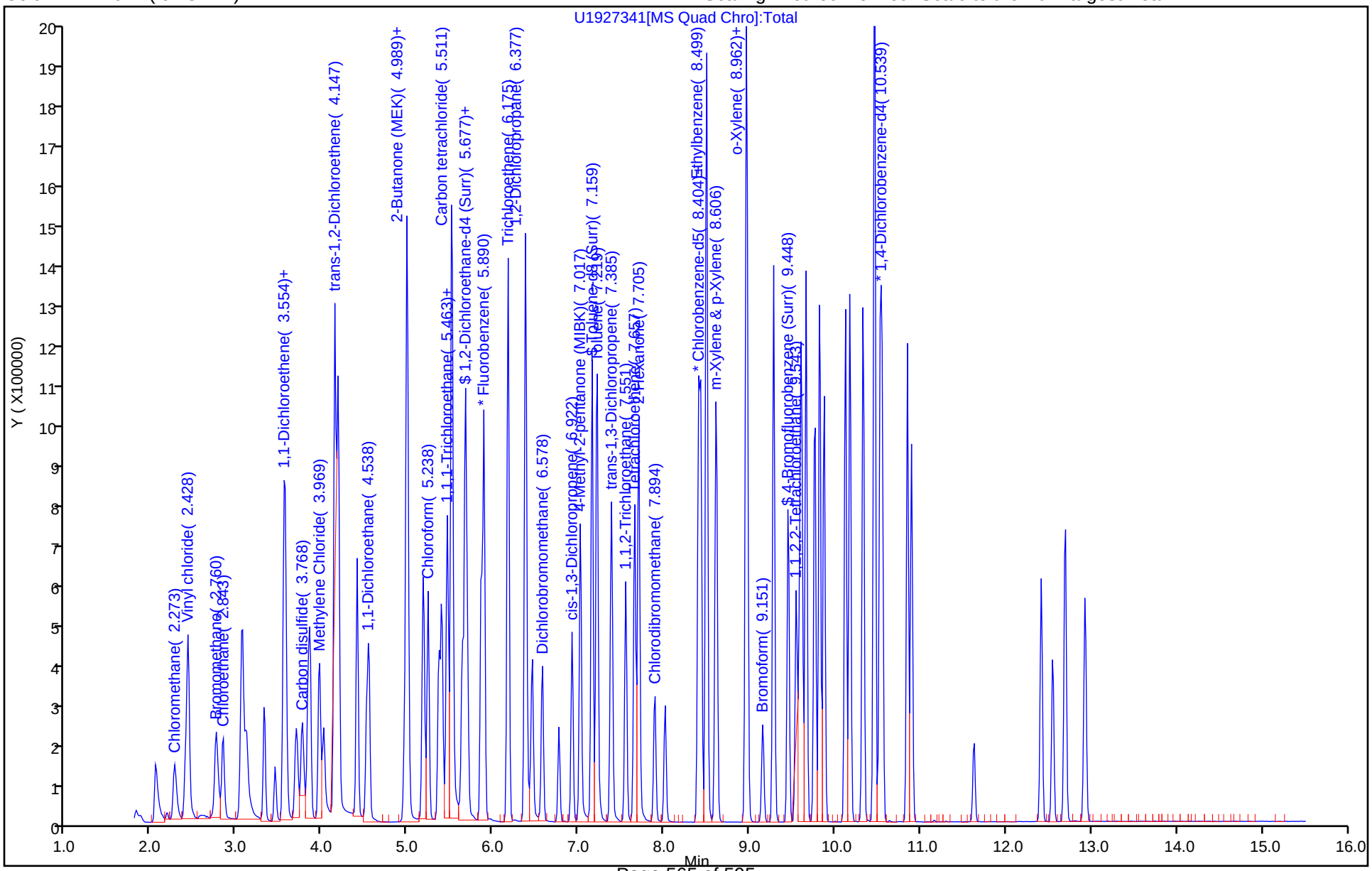
Report Date: 06-May-2022 14:58:59 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927341.D

Injection Date:	06-May-2022 14:27:08	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-17 MS			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Report Date: 06-May-2022 14:58:59 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927341.D
Lims ID: 240-165834-B-17 MS
Client ID:
Sample Type: MS
Inject. Date: 06-May-2022 14:27:08 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-016
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 12:43:47 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 14:58:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	9110.02
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.0	9495.06
$ 6 Toluene-d8 (Surr)	20.0	20.8	10393.99
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.5	10262.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 MSD | Lab Sample ID: 240-165834-9 MSD

Matrix: Water | Lab File ID: U1927327.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 20:26

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1860		100	48
79-34-5	1,1,2,2-Tetrachloroethane	2210		100	60
79-00-5	1,1,2-Trichloroethane	2160		100	48
75-34-3	1,1-Dichloroethane	1930		100	47
75-35-4	1,1-Dichloroethene	1920		100	49
107-06-2	1,2-Dichloroethane	1900		100	21
78-87-5	1,2-Dichloropropane	1910		100	47
591-78-6	2-Hexanone	4530		1000	110
67-64-1	Acetone	3770		1000	540
71-43-2	Benzene	1920		100	42
75-25-2	Bromoform	2070		100	76
74-83-9	Bromomethane	1700		100	42
75-15-0	Carbon disulfide	1750		100	59
56-23-5	Carbon tetrachloride	1830		100	26
108-90-7	Chlorobenzene	1990		100	38
75-00-3	Chloroethane	1690		100	83
67-66-3	Chloroform	1880		100	47
74-87-3	Chloromethane	1790		100	63
156-59-2	cis-1,2-Dichloroethene	4710		100	46
10061-01-5	cis-1,3-Dichloropropene	1820		100	61
75-27-4	Dichlorobromomethane	1900		100	17
100-41-4	Ethylbenzene	2070		100	42
78-93-3	2-Butanone (MEK)	3780		1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	3890		1000	99
75-09-2	Methylene Chloride	1950		500	260
100-42-5	Styrene	2160		100	45
127-18-4	Tetrachloroethene	1990		100	44
108-88-3	Toluene	2060		100	44
156-60-5	trans-1,2-Dichloroethene	1920		100	51
10061-02-6	trans-1,3-Dichloropropene	2010		100	67
79-01-6	Trichloroethene	1820		100	44
75-01-4	Vinyl chloride	1950		100	45
1330-20-7	Xylenes, Total	4230		200	42
124-48-1	Chlorodibromomethane	2070		100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042622-SS-009 MSD | Lab Sample ID: 240-165834-9 MSD

Matrix: Water | Lab File ID: U1927327.D

Analysis Method: 8260D | Date Collected: 04/26/2022 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/05/2022 20:26

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525213 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
460-00-4	4-Bromofluorobenzene (Surr)	107		56-136
2037-26-5	Toluene-d8 (Surr)	105		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927327.D
Lims ID: 240-165834-B-9 MSD
Client ID: GW-042622-SS-009
Sample Type: MSD
Inject. Date: 05-May-2022 20:26:46 ALS Bottle#: 0 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-032
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	859984	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	90	620603	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	325327	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	92	231839	0.2000	18.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	268342	0.2000	19.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	794814	0.2000	21.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	295930	0.2000	21.3	
10 Chloromethane	50	2.261	2.261	0.000	99	254287	0.2000	17.9	
12 Vinyl chloride	62	2.392	2.392	0.000	98	296445	0.2000	19.5	
13 Bromomethane	94	2.748	2.759	-0.011	92	247887	0.2000	17.0	
15 Chloroethane	64	2.831	2.831	0.000	100	195422	0.2000	16.9	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	306925	0.2000	19.2	
22 Acetone	43	3.566	3.566	0.000	99	171551	0.4000	37.7	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	495116	0.2000	17.5	
29 Methylene Chloride	49	3.957	3.957	0.000	88	267035	0.2000	19.5	
32 trans-1,2-Dichloroethene	61	4.182	4.183	-0.001	97	297484	0.2000	19.2	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	367466	0.2000	19.3	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	99	81339	0.4000	37.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	620967	0.2000	47.1	
48 Chloroform	83	5.238	5.238	0.000	94	401780	0.2000	18.8	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	340242	0.2000	18.6	
52 Carbon tetrachloride	117	5.522	5.523	-0.001	96	292605	0.2000	18.3	
54 Benzene	78	5.665	5.677	-0.012	96	854986	0.2000	19.2	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	305399	0.2000	19.0	
59 Trichloroethene	130	6.175	6.175	0.000	97	234938	0.2000	18.2	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	90	193671	0.2000	19.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	255961	0.2000	19.0	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	258410	0.2000	18.2	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	496574	0.4000	38.9	
71 Toluene	91	7.218	7.218	0.000	98	888927	0.2000	20.6	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	96	242827	0.2000	20.1	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	198248	0.2000	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	95	230660	0.2000	19.9	
77 2-Hexanone	43	7.704	7.705	-0.001	89	376862	0.4000	45.3	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	183813	0.2000	20.7	
83 Chlorobenzene	112	8.428	8.428	0.000	96	562952	0.2000	19.9	
85 Ethylbenzene	106	8.499	8.499	0.000	98	301133	0.2000	20.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	368211	0.2000	20.8	
87 o-Xylene	106	8.962	8.962	0.000	97	363762	0.2000	21.5	
88 Styrene	104	8.973	8.973	0.000	93	585305	0.2000	21.6	
89 Bromoform	173	9.151	9.151	0.000	94	124661	0.2000	20.7	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	314085	0.2000	22.1	
S 128 Xylenes, Total	106				0		0.4000	42.3	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added:	16.00	Units: uL	
vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

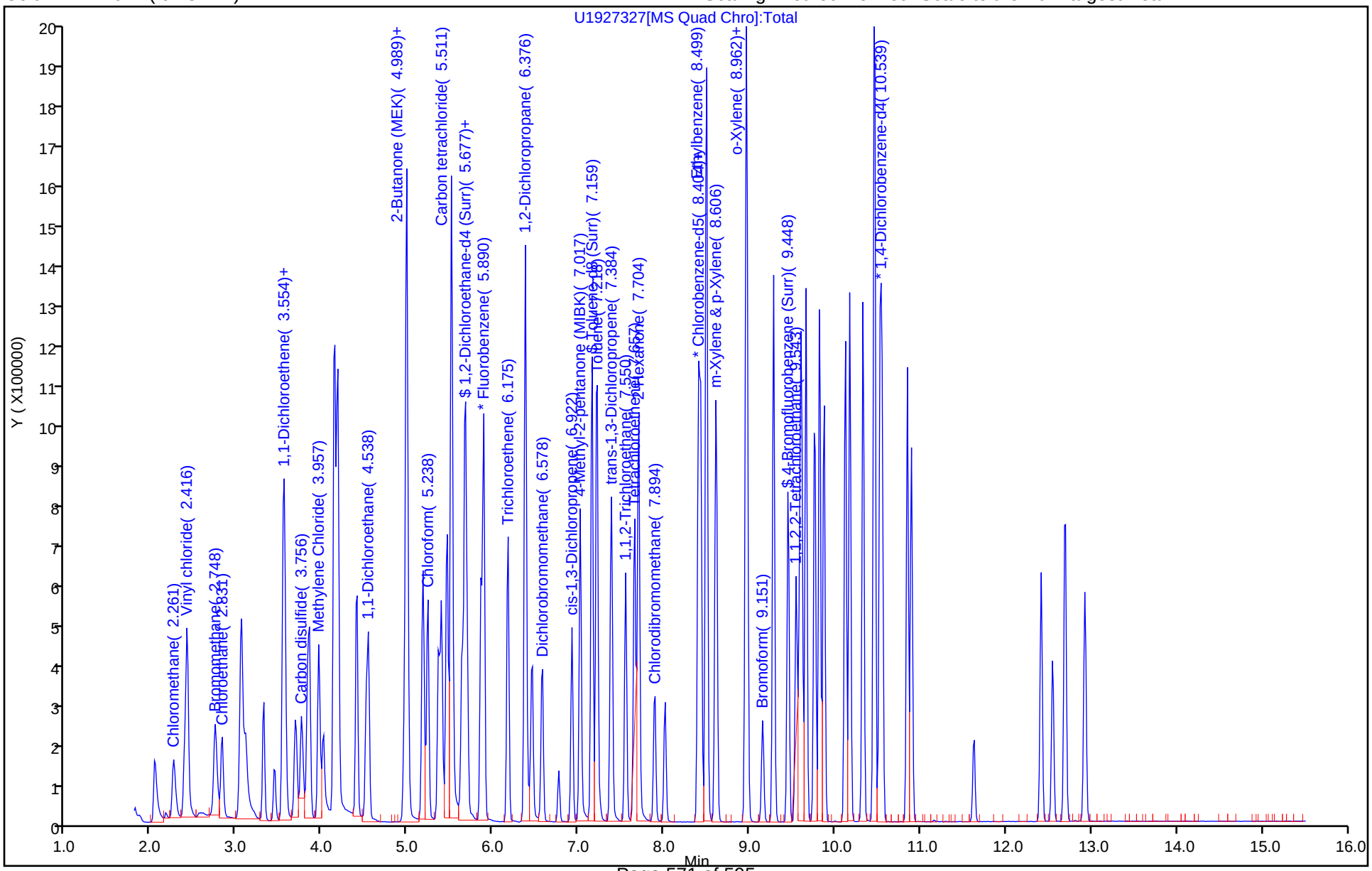
Report Date: 06-May-2022 08:23:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927327.D

Injection Date:	05-May-2022 20:26:46	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-9 MSD			Worklist Smp#:	32
Client ID:	GW-042622-SS-009				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Report Date: 06-May-2022 08:23:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\U1927327.D
Lims ID: 240-165834-B-9 MSD
Client ID: GW-042622-SS-009
Sample Type: MSD
Inject. Date: 05-May-2022 20:26:46 ALS Bottle#: 0 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118262-032
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220505-118262.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 08:21:45 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1615

First Level Reviewer: laveyt Date: 06-May-2022 08:23:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	9214.30
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.0	9488.62
$ 6 Toluene-d8 (Surr)	20.0	21.1	10531.20
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.3	10667.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 MSD | Lab Sample ID: 240-165834-17 MSD

Matrix: Water | Lab File ID: U1927342.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:49

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2000		100	48
79-34-5	1,1,2,2-Tetrachloroethane	2220		100	60
79-00-5	1,1,2-Trichloroethane	2140		100	48
75-34-3	1,1-Dichloroethane	1900		100	47
75-35-4	1,1-Dichloroethene	1930		100	49
107-06-2	1,2-Dichloroethane	1870		100	21
78-87-5	1,2-Dichloropropane	1910		100	47
591-78-6	2-Hexanone	4600		1000	110
67-64-1	Acetone	3830		1000	540
71-43-2	Benzene	1900		100	42
75-25-2	Bromoform	2000		100	76
74-83-9	Bromomethane	1660		100	42
75-15-0	Carbon disulfide	1760		100	59
56-23-5	Carbon tetrachloride	1900		100	26
108-90-7	Chlorobenzene	2000		100	38
75-00-3	Chloroethane	1670		100	83
67-66-3	Chloroform	1860		100	47
74-87-3	Chloromethane	1740		100	63
156-59-2	cis-1,2-Dichloroethene	4340		100	46
10061-01-5	cis-1,3-Dichloropropene	1880		100	61
75-27-4	Dichlorobromomethane	1880		100	17
100-41-4	Ethylbenzene	2100		100	42
78-93-3	2-Butanone (MEK)	3780		1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	3910		1000	99
75-09-2	Methylene Chloride	1920		500	260
100-42-5	Styrene	2170		100	45
127-18-4	Tetrachloroethene	2020		100	44
108-88-3	Toluene	2070		100	44
156-60-5	trans-1,2-Dichloroethene	1910		100	51
10061-02-6	trans-1,3-Dichloropropene	2080		100	67
79-01-6	Trichloroethene	3570		100	44
75-01-4	Vinyl chloride	1770		100	45
1330-20-7	Xylenes, Total	4280		200	42
124-48-1	Chlorodibromomethane	2060		100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-165834-1

SDG No.:

Client Sample ID: GW-042822-SS-016 MSD | Lab Sample ID: 240-165834-17 MSD

Matrix: Water | Lab File ID: U1927342.D

Analysis Method: 8260D | Date Collected: 04/28/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2022 14:49

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 525392 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
460-00-4	4-Bromofluorobenzene (Surr)	105		56-136
2037-26-5	Toluene-d8 (Surr)	105		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927342.D
Lims ID: 240-165834-B-17 MSD
Client ID:
Sample Type: MSD
Inject. Date: 06-May-2022 14:49:39 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-017
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:56:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	887356	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	643860	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	331403	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	92	236579	0.2000	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	99	276300	0.2000	18.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	822140	0.2000	21.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	301480	0.2000	20.9	
10 Chloromethane	50	2.261	2.261	0.000	99	254619	0.2000	17.4	
12 Vinyl chloride	62	2.392	2.392	0.000	98	277338	0.2000	17.7	
13 Bromomethane	94	2.747	2.748	-0.001	92	250855	0.2000	16.6	
15 Chloroethane	64	2.830	2.831	-0.001	100	199241	0.2000	16.7	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	317452	0.2000	19.3	
22 Acetone	43	3.566	3.566	0.000	100	179476	0.4000	38.3	
25 Carbon disulfide	76	3.755	3.756	-0.001	99	513496	0.2000	17.6	
29 Methylene Chloride	49	3.957	3.957	0.000	88	271889	0.2000	19.2	
32 trans-1,2-Dichloroethene	61	4.182	4.183	-0.001	96	305848	0.2000	19.1	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	372558	0.2000	19.0	
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	84037	0.4000	37.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	590202	0.2000	43.4	
48 Chloroform	83	5.238	5.238	0.000	93	409753	0.2000	18.6	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	378327	0.2000	20.0	
52 Carbon tetrachloride	117	5.522	5.523	-0.001	95	313425	0.2000	19.0	
54 Benzene	78	5.677	5.677	0.000	96	870930	0.2000	19.0	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	309996	0.2000	18.7	
59 Trichloroethene	130	6.175	6.175	0.000	97	474378	0.2000	35.7	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	199755	0.2000	19.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	260902	0.2000	18.8	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	275404	0.2000	18.8	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	514288	0.4000	39.1	
71 Toluene	91	7.218	7.218	0.000	98	926151	0.2000	20.7	
72 trans-1,3-Dichloropropene	75	7.372	7.373	-0.001	97	260387	0.2000	20.8	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	93	203755	0.2000	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	96	243336	0.2000	20.2	
77 2-Hexanone	43	7.704	7.705	-0.001	95	397529	0.4000	46.0	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	189734	0.2000	20.6	
83 Chlorobenzene	112	8.428	8.428	0.000	98	586302	0.2000	20.0	
85 Ethylbenzene	106	8.499	8.499	0.000	98	317639	0.2000	21.0	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	387346	0.2000	21.1	
87 o-Xylene	106	8.961	8.962	-0.001	95	380556	0.2000	21.7	
88 Styrene	104	8.973	8.973	0.000	93	608801	0.2000	21.7	
89 Bromoform	173	9.151	9.151	0.000	94	124931	0.2000	20.0	
93 1,1,2,2-Tetrachloroethane	83	9.542	9.543	-0.001	96	322062	0.2000	22.2	
S 128 Xylenes, Total	106				0		0.4000	42.8	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added:	16.00	Units: uL	
vmfasaw_00416	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

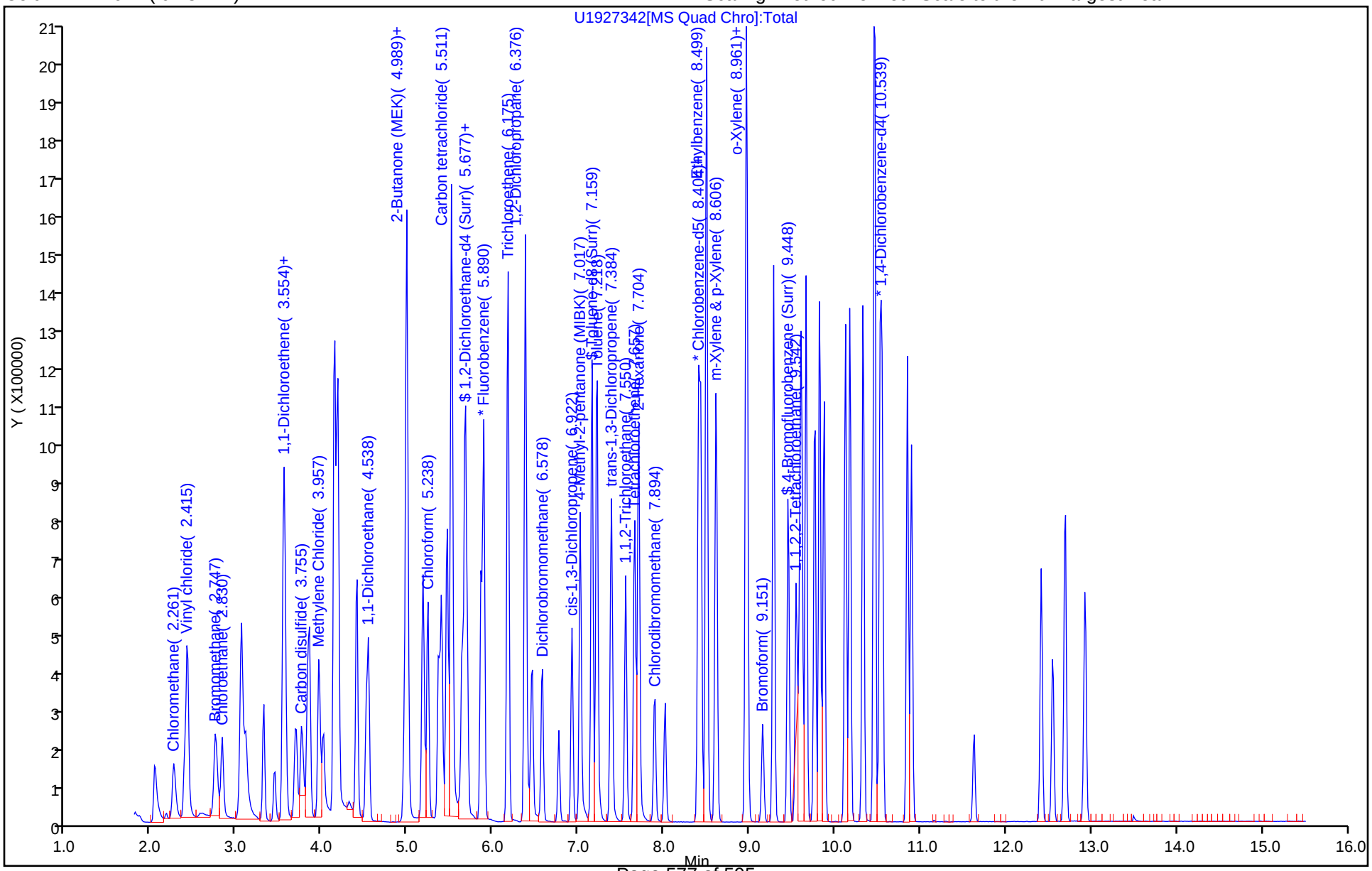
Report Date: 09-May-2022 07:56:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927342.D

Injection Date:	06-May-2022 14:49:39	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-165834-B-17 MSD			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\U1927342.D
Lims ID: 240-165834-B-17 MSD
Client ID:
Sample Type: MSD
Inject. Date: 06-May-2022 14:49:39 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118300-017
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220506-118300.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 06-May-2022 18:41:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1607

First Level Reviewer: laveyt Date: 09-May-2022 07:56:25

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	9112.65
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	18.9	9468.64
$ 6 Toluene-d8 (Surr)	20.0	21.0	10499.78
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.9	10474.71

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Start Date: 04/29/2022 09:42

Analysis Batch Number: 524469 End Date: 04/29/2022 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-524469/1		04/29/2022 09:42	1	bfb1037.d	DB-624 0.18(mm)
STD8260 240-524469/9 IC		04/29/2022 11:07	1	U1927189.D	DB-624 0.18(mm)
STD8260 240-524469/10 IC		04/29/2022 11:29	1	U1927190.D	DB-624 0.18(mm)
STD8260 240-524469/11 IC		04/29/2022 11:52	1	U1927191.D	DB-624 0.18(mm)
STD8260 240-524469/12 IC		04/29/2022 12:14	1	U1927192.D	DB-624 0.18(mm)
ICIS 240-524469/13		04/29/2022 12:36	1	U1927193.D	DB-624 0.18(mm)
STD8260 240-524469/14 IC		04/29/2022 12:59	1	U1927194.D	DB-624 0.18(mm)
STD8260 240-524469/15 IC		04/29/2022 13:21	1	U1927195.D	DB-624 0.18(mm)
STD8260 240-524469/16 IC		04/29/2022 13:44	1	U1927196.D	DB-624 0.18(mm)
ICV 240-524469/18		04/29/2022 14:56	1	U1927198.D	DB-624 0.18(mm)
ZZZZZ		04/29/2022 15:18	1		DB-624 0.18(mm)
STDA9 240-524469/21 IC		04/29/2022 16:03	1		DB-624 0.18(mm)
STDA9 240-524469/22 IC		04/29/2022 16:25	1		DB-624 0.18(mm)
STDA9 240-524469/23 IC		04/29/2022 16:48	1		DB-624 0.18(mm)
STDA9 240-524469/24 IC		04/29/2022 17:10	1		DB-624 0.18(mm)
STDA9 240-524469/25 IC		04/29/2022 17:32	1		DB-624 0.18(mm)
STDA9 240-524469/26 IC		04/29/2022 17:55	1		DB-624 0.18(mm)
ICV 240-524469/28		04/29/2022 18:39	1		DB-624 0.18(mm)
ZZZZZ		04/29/2022 19:01	1		DB-624 0.18(mm)
ZZZZZ		04/29/2022 19:24	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Start Date: 05/05/2022 09:13

Analysis Batch Number: 525213 End Date: 05/05/2022 20:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-525213/1		05/05/2022 09:13	1	bfb1041.d	DB-624 0.18(mm)
CCV 240-525213/3		05/05/2022 09:40	1	U1927298.D	DB-624 0.18(mm)
CCVIS 240-525213/4		05/05/2022 10:03	1	U1927299.D	DB-624 0.18(mm)
LCS 240-525213/5		05/05/2022 10:25	1	U1927300.D	DB-624 0.18(mm)
ZZZZZ		05/05/2022 10:47	1		DB-624 0.18(mm)
ZZZZZ		05/05/2022 11:09	1		DB-624 0.18(mm)
MB 240-525213/8		05/05/2022 11:31	1	U1927303.D	DB-624 0.18(mm)
ZZZZZ		05/05/2022 11:53	2		DB-624 0.18(mm)
ZZZZZ		05/05/2022 12:15	2		DB-624 0.18(mm)
ZZZZZ		05/05/2022 12:38	1		DB-624 0.18(mm)
ZZZZZ		05/05/2022 13:00	1		DB-624 0.18(mm)
240-165834-1	GW-042522-SS-001	05/05/2022 14:52	1	U1927312.D	DB-624 0.18(mm)
240-165834-2	GW-042522-SS-002	05/05/2022 15:14	1	U1927313.D	DB-624 0.18(mm)
240-165834-3	GW-042522-SS-003	05/05/2022 15:36	100	U1927314.D	DB-624 0.18(mm)
240-165834-4	GW-042522-SS-004	05/05/2022 15:59	1	U1927315.D	DB-624 0.18(mm)
240-165834-8	GW-042622-SS-008	05/05/2022 17:28	100	U1927319.D	DB-624 0.18(mm)
240-165834-9	GW-042622-SS-009	05/05/2022 17:51	100	U1927320.D	DB-624 0.18(mm)
240-165834-10	GW-042622-SS-010	05/05/2022 18:13	200	U1927321.D	DB-624 0.18(mm)
240-165834-11	EB-042622-SS-001	05/05/2022 18:35	1	U1927322.D	DB-624 0.18(mm)
240-165834-12	GW-042722-SS-011	05/05/2022 18:58	1	U1927323.D	DB-624 0.18(mm)
240-165834-13	GW-042722-SS-012	05/05/2022 19:20	1	U1927324.D	DB-624 0.18(mm)
240-165834-14	GW-042722-SS-013	05/05/2022 19:42	1	U1927325.D	DB-624 0.18(mm)
240-165834-9 MS	GW-042622-SS-009 MS	05/05/2022 20:04	100	U1927326.D	DB-624 0.18(mm)
240-165834-9 MSD	GW-042622-SS-009 MSD	05/05/2022 20:26	100	U1927327.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Instrument ID: A3UX19 Start Date: 05/06/2022 09:13

Analysis Batch Number: 525392 End Date: 05/06/2022 19:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-525392/1		05/06/2022 09:13	1	bfb1042.d	DB-624 0.18(mm)
CCV 240-525392/3		05/06/2022 09:36	1	U1927328.D	DB-624 0.18(mm)
CCVIS 240-525392/4		05/06/2022 09:59	1	U1927329.D	DB-624 0.18(mm)
LCS 240-525392/5		05/06/2022 10:21	1	U1927330.D	DB-624 0.18(mm)
ZZZZZ		05/06/2022 10:43	1		DB-624 0.18(mm)
ZZZZZ		05/06/2022 11:06	1		DB-624 0.18(mm)
MB 240-525392/8		05/06/2022 11:28	1	U1927333.D	DB-624 0.18(mm)
240-165834-5	GW-042522-SS-005	05/06/2022 11:50	4	U1927334.D	DB-624 0.18(mm)
240-165834-6	GW-042522-SS-006	05/06/2022 12:13	4	U1927335.D	DB-624 0.18(mm)
240-165834-7	GW-042622-SS-007	05/06/2022 12:35	80	U1927336.D	DB-624 0.18(mm)
240-165834-15	GW-042722-SS-014	05/06/2022 12:57	125	U1927337.D	DB-624 0.18(mm)
240-165834-16	GW-042722-SS-015	05/06/2022 13:20	125	U1927338.D	DB-624 0.18(mm)
240-165834-17	GW-042822-SS-016	05/06/2022 13:42	100	U1927339.D	DB-624 0.18(mm)
240-165834-18	GW-042822-SS-017	05/06/2022 14:04	1	U1927340.D	DB-624 0.18(mm)
240-165834-17 MS	GW-042822-SS-016 MS	05/06/2022 14:27	100	U1927341.D	DB-624 0.18(mm)
240-165834-17 MSD	GW-042822-SS-016 MSD	05/06/2022 14:49	100	U1927342.D	DB-624 0.18(mm)
240-165834-19	GW-042822-SS-018	05/06/2022 15:34	1	U1927344.D	DB-624 0.18(mm)
240-165834-20	GW-042822-SS-019	05/06/2022 15:56	400	U1927345.D	DB-624 0.18(mm)
240-165834-21	GW-042822-SS-020	05/06/2022 16:18	400	U1927346.D	DB-624 0.18(mm)
240-165834-22	GW-042822-SS-021	05/06/2022 16:41	1000	U1927347.D	DB-624 0.18(mm)
240-165834-23	GW-042822-SS-022	05/06/2022 17:03	400	U1927348.D	DB-624 0.18(mm)
240-165834-24	GW-042922-SS-023	05/06/2022 17:26	40	U1927349.D	DB-624 0.18(mm)
240-165834-25	GW-042922-SS-024	05/06/2022 17:48	1	U1927350.D	DB-624 0.18(mm)
240-165834-26	GW-042922-SS-025	05/06/2022 18:10	100	U1927351.D	DB-624 0.18(mm)
240-165834-27	GW-042922-SS-026	05/06/2022 18:33	100	U1927352.D	DB-624 0.18(mm)
240-165834-28	EB-042922-SS-002	05/06/2022 18:55	1	U1927353.D	DB-624 0.18(mm)
240-165834-29	TB-042922-SS-001	05/06/2022 19:17	1	U1927354.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 524469 Batch Start Date: 04/29/22 09:42 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00435	vmbfb 00028
BFB 240-524469/1		8260D		5 mL	5 mL				1 uL
STD8260 240-524469/9 IC		8260D		5 mL	5 mL	2 uL	0.4 uL	0.4 uL	
STD8260 240-524469/10 IC		8260D		5 mL	5 mL	2 uL	0.8 uL	0.8 uL	
STD8260 240-524469/11 IC		8260D		5 mL	5 mL	2 uL	1.6 uL	1.6 uL	
STD8260 240-524469/12 IC		8260D		5 mL	5 mL	2 uL	8 uL	8 uL	
ICIS 240-524469/13		8260D		5 mL	5 mL	2 uL	16 uL	16 uL	
STD8260 240-524469/14 IC		8260D		5 mL	5 mL	2 uL	32 uL	32 uL	
STD8260 240-524469/15 IC		8260D		5 mL	5 mL	2 uL	48 uL	48 uL	
STD8260 240-524469/16 IC		8260D		5 mL	5 mL	2 uL	64 uL	64 uL	
ICV 240-524469/18		8260D		5 mL	5 mL	2 uL	2 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmfasaw 00415	vmfasgw 00452	VMFASPW 00442	vmrgas 00424	vmrprimw 00479	
BFB 240-524469/1		8260D							
STD8260 240-524469/9 IC		8260D					0.4 uL	0.4 uL	
STD8260 240-524469/10 IC		8260D					0.8 uL	0.8 uL	
STD8260 240-524469/11 IC		8260D					1.6 uL	1.6 uL	
STD8260 240-524469/12 IC		8260D					8 uL	8 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 524469 Batch Start Date: 04/29/22 09:42 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmfasaw 00415	vmfasgw 00452	VMFASPW 00442	vmrgas 00424	vmrprimw 00479	
ICIS 240-524469/13		8260D					16 uL	16 uL	
STD8260 240-524469/14 IC		8260D					32 uL	32 uL	
STD8260 240-524469/15 IC		8260D					48 uL	48 uL	
STD8260 240-524469/16 IC		8260D					64 uL	64 uL	
ICV 240-524469/18		8260D		16 uL	16 uL	16 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525213 Batch Start Date: 05/05/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00436
BFB 240-525213/1		8260D		5 mL	5 mL				
CCV 240-525213/3		8260D		5 mL	5 mL		2 uL		
CCVIS 240-525213/4		8260D		5 mL	5 mL		2 uL	2 uL	16 uL
LCS 240-525213/5		8260D		5 mL	5 mL		2 uL	2 uL	
MB 240-525213/8		8260D		5 mL	5 mL		2 uL	2 uL	
240-165834-B-1	GW-042522-SS-001	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-2	GW-042522-SS-002	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-3	GW-042522-SS-003	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-4	GW-042522-SS-004	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-8	GW-042622-SS-008	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-9	GW-042622-SS-009	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-10	GW-042622-SS-010	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-11	EB-042622-SS-001	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-12	GW-042722-SS-011	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-13	GW-042722-SS-012	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-14	GW-042722-SS-013	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-9 MS	GW-042622-SS-009	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-9 MSD	GW-042622-SS-009	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00416	vmfasgw 00453	VMFASPW 00442	vmra9w 00434	vmrgas 00425
BFB 240-525213/1		8260D		1 uL					
CCV 240-525213/3		8260D						16 uL	
CCVIS 240-525213/4		8260D							16 uL
LCS 240-525213/5		8260D			16 uL	16 uL	16 uL		
MB 240-525213/8		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525213 Batch Start Date: 05/05/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00416	vmfasgw 00453	VMFASPW 00442	vmra9w 00434	vmrgas 00425
240-165834-B-1	GW-042522-SS-001	8260D	T						
240-165834-B-2	GW-042522-SS-002	8260D	T						
240-165834-B-3	GW-042522-SS-003	8260D	T						
240-165834-B-4	GW-042522-SS-004	8260D	T						
240-165834-B-8	GW-042622-SS-008	8260D	T						
240-165834-B-9	GW-042622-SS-009	8260D	T						
240-165834-B-10	GW-042622-SS-010	8260D	T						
240-165834-B-11	EB-042622-SS-001	8260D	T						
240-165834-B-12	GW-042722-SS-011	8260D	T						
240-165834-B-13	GW-042722-SS-012	8260D	T						
240-165834-B-14	GW-042722-SS-013	8260D	T						
240-165834-B-9 MS	GW-042622-SS-009	8260D	T		16 uL	16 uL	16 uL		
240-165834-B-9 MSD	GW-042622-SS-009	8260D	T		16 uL	16 uL	16 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00480					
BFB 240-525213/1		8260D							
CCV 240-525213/3		8260D							
CCVIS 240-525213/4		8260D		16 uL					
LCS 240-525213/5		8260D							
MB 240-525213/8		8260D							
240-165834-B-1	GW-042522-SS-001	8260D	T						
240-165834-B-2	GW-042522-SS-002	8260D	T						
240-165834-B-3	GW-042522-SS-003	8260D	T						
240-165834-B-4	GW-042522-SS-004	8260D	T						
240-165834-B-8	GW-042622-SS-008	8260D	T						
240-165834-B-9	GW-042622-SS-009	8260D	T						
240-165834-B-10	GW-042622-SS-010	8260D	T						
240-165834-B-11	EB-042622-SS-001	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525213 Batch Start Date: 05/05/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00480					
240-165834-B-12	GW-042722-SS-011	8260D	T						
240-165834-B-13	GW-042722-SS-012	8260D	T						
240-165834-B-14	GW-042722-SS-013	8260D	T						
240-165834-B-9 MS	GW-042622-SS-009	8260D	T						
240-165834-B-9 MSD	GW-042622-SS-009	8260D	T						

Batch Notes	
pH Indicator ID	HC160347

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525392 Batch Start Date: 05/06/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00436
BFB 240-525392/1		8260D		5 mL	5 mL				
CCV 240-525392/3		8260D		5 mL	5 mL		2 uL		
CCVIS 240-525392/4		8260D		5 mL	5 mL		2 uL	2 uL	16 uL
LCS 240-525392/5		8260D		5 mL	5 mL		2 uL	2 uL	
MB 240-525392/8		8260D		5 mL	5 mL		2 uL	2 uL	
240-165834-C-5	GW-042522-SS-005	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-C-6	GW-042522-SS-006	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-C-7	GW-042622-SS-007	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-15	GW-042722-SS-014	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-16	GW-042722-SS-015	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-17	GW-042822-SS-016	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-A-18	GW-042822-SS-017	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-17 MS	GW-042822-SS-016	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-17 MSD	GW-042822-SS-016	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-19	GW-042822-SS-018	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-20	GW-042822-SS-019	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-21	GW-042822-SS-020	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-22	GW-042822-SS-021	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-23	GW-042822-SS-022	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-24	GW-042922-SS-023	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-25	GW-042922-SS-024	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-26	GW-042922-SS-025	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-27	GW-042922-SS-026	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-C-28	EB-042922-SS-002	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-165834-B-29	TB-042922-SS-001	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00416	vmfasgw 00453	VMFASPW 00442	vmra9w 00434	vmrgas 00425

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525392 Batch Start Date: 05/06/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00416	vmfasgw 00453	VMFASPW 00442	vmra9w 00434	vmrgas 00425
BFB 240-525392/1		8260D		1 uL					
CCV 240-525392/3		8260D						16 uL	
CCVIS 240-525392/4		8260D							16 uL
LCS 240-525392/5		8260D			16 uL	16 uL	16 uL		
MB 240-525392/8		8260D							
240-165834-C-5	GW-042522-SS-005	8260D	T						
240-165834-C-6	GW-042522-SS-006	8260D	T						
240-165834-C-7	GW-042622-SS-007	8260D	T						
240-165834-B-15	GW-042722-SS-014	8260D	T						
240-165834-B-16	GW-042722-SS-015	8260D	T						
240-165834-B-17	GW-042822-SS-016	8260D	T						
240-165834-A-18	GW-042822-SS-017	8260D	T						
240-165834-B-17 MS	GW-042822-SS-016	8260D	T		16 uL	16 uL	16 uL		
240-165834-B-17 MSD	GW-042822-SS-016	8260D	T		16 uL	16 uL	16 uL		
240-165834-B-19	GW-042822-SS-018	8260D	T						
240-165834-B-20	GW-042822-SS-019	8260D	T						
240-165834-B-21	GW-042822-SS-020	8260D	T						
240-165834-B-22	GW-042822-SS-021	8260D	T						
240-165834-B-23	GW-042822-SS-022	8260D	T						
240-165834-B-24	GW-042922-SS-023	8260D	T						
240-165834-B-25	GW-042922-SS-024	8260D	T						
240-165834-B-26	GW-042922-SS-025	8260D	T						
240-165834-B-27	GW-042922-SS-026	8260D	T						
240-165834-C-28	EB-042922-SS-002	8260D	T						
240-165834-B-29	TB-042922-SS-001	8260D	T						

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00480					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525392 Batch Start Date: 05/06/22 09:13 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00480					
BFB 240-525392/1		8260D							
CCV 240-525392/3		8260D							
CCVIS 240-525392/4		8260D		16 uL					
LCS 240-525392/5		8260D							
MB 240-525392/8		8260D							
240-165834-C-5	GW-042522-SS-005	8260D	T						
240-165834-C-6	GW-042522-SS-006	8260D	T						
240-165834-C-7	GW-042622-SS-007	8260D	T						
240-165834-B-15	GW-042722-SS-014	8260D	T						
240-165834-B-16	GW-042722-SS-015	8260D	T						
240-165834-B-17	GW-042822-SS-016	8260D	T						
240-165834-A-18	GW-042822-SS-017	8260D	T						
240-165834-B-17 MS	GW-042822-SS-016	8260D	T						
240-165834-B-17 MSD	GW-042822-SS-016	8260D	T						
240-165834-B-19	GW-042822-SS-018	8260D	T						
240-165834-B-20	GW-042822-SS-019	8260D	T						
240-165834-B-21	GW-042822-SS-020	8260D	T						
240-165834-B-22	GW-042822-SS-021	8260D	T						
240-165834-B-23	GW-042822-SS-022	8260D	T						
240-165834-B-24	GW-042922-SS-023	8260D	T						
240-165834-B-25	GW-042922-SS-024	8260D	T						
240-165834-B-26	GW-042922-SS-025	8260D	T						
240-165834-B-27	GW-042922-SS-026	8260D	T						
240-165834-C-28	EB-042922-SS-002	8260D	T						
240-165834-B-29	TB-042922-SS-001	8260D	T						

Batch Notes	
pH Indicator ID	HC160347

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165834-1

SDG No.:

Batch Number: 525392 Batch Start Date: 05/06/22 09:13 Batch Analyst: Lavey, Tim

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.

Shipping and Receiving Documents

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

3.2/3.2

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Sholar	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-93085-34520.2
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin:	Page: ~~Page 2 of 7~~ 1 of 3
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #:
Address: 26850 Haggerty Rd.	Due Date Requested:			Preservation Codes:
City: Farmington Hills	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: MI, 48331	Compliance Project: ∆ Yes ∆ No			
Phone:	PO #: Purchase Order Requested			
Email: ruth.mickle@ghd.com	WO #: 11209506			
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143			
Site:	SSOW#:			

240-165834 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total	Special Instructions/Note:
			Preservation Code:				A		
GW-042522-SS-001	4-25-22	1225	G	Water			X	3	
GW-042522-SS-002	4-25-22	1340	G	Water			X	3	
GW-042522-SS-003	4-25-22	1445	G	Water			X	3	
GW-042522-SS-004	4-25-22	1630	G	Water			X	3	
GW-042522-SS-005	4-25-22	1745	G	Water			X	3	
GW-042522-SS-006	4-25-22	1750	G	Water			X	3	
GW-042622-SS-007	4-26-22	1140	G	Water			X	3	
GW-042622-SS-008	4-26-22	1315	G	Water			X	3	
GW-042622-SS-009	4-26-22	1410	G	Water		X	X	9	
GW-042622-SS-010	4-26-22	1535	G	Water			X	3	
EB-042622-SS-001	4-26-22	1555	G	Water			X	3	

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4-29-22 1815	GHD		4-30-22 0930	EET WC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Sholar	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-93085-34520.3
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin:	Page: ~~Page 3 of 7~~ 2 of 3
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #:
Address: 26850 Haggerty Rd.	Due Date Requested:			
City: Farmington Hills	TAT Requested (days):			
State, Zip: MI, 48331	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: ruth.mickle@ghd.com	WO #: 11209506			
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
GW-042722-SS-011	4-27-22	1050	G	Water			X	3	
GW-042722-SS-012	4-27-22	1150	G	Water			X	3	
GW-042722-SS-013	4-27-22	1335	G	Water			X	3	
GW-042722-SS-014	4-27-22	1550	G	Water			X	3	
GW-042722-SS-015	4-27-22	1555	G	Water			X	3	
GW-042822-SS-016	4-28-22	1040	G	Water			X		
GW-042822-SS-017	4-28-22	1145	G	Water			X		
GW-042822-SS-018	4-28-22	1245	G	Water			X		
GW-042822-SS-019	4-28-22	1345	G	Water			X		
GW-042822-SS-020	4-28-22	1350	G	Water			X		
GW-042822-SS-021	4-28-22	1440	G	Water			X		

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4-29-22 1815	GHD		4-30-22 0930	EETNC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Sholar	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-93085-34520.4
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin:	Page: ~~Page 4 of 7~~ 3 of 5
Company: GHD Services Inc.	PWSID:			Job #:
Address: 26850 Haggerty Rd.	Due Date Requested:			
City: Farmington Hills	TAT Requested (days):			
State, Zip: MI, 48331	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: ruth.mickle@ghd.com	WO #: 11209506			
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
GW-042822-SS-022	4-28-22	1615	G	Water			X	3	
GW-042922-SS-023	4-29-22	1135	G	Water			X	3	
GW-042922-SS-024	4-29-22	1255	G	Water			X	3	
GW-042922-SS-025	4-29-22	1450	G	Water			X	3	
GW-042922-SS-026	4-29-22	1625	G	Water			X	3	
EB-042922-SS-002	4-29-22	1150	G	Water			X	3	
TB-042922-SS-001	4-29-22	1650	G	Water			X	3	
				Water					
				Water					
				Water					
				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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		4/29/22 1815	GHD		4-30-22 0930	GGTNC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins TestAmerica Canton Sample Receipt Form/Narrative Login # : 165834
Canton Facility

Client GLD Site Name MLK. Anderson Cooler unpacked by: Ome

Cooler Received on 4.30.22 Opened on 5.2.22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

TestAmerica Cooler # 1A Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF **0.0** °C) Observed Cooler Temp. 3.2 °C Corrected Cooler Temp. 3.2 °C
   IR GUN #IR-15 (CF **-0.7**°C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. ____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   -Were the seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes (No)
   -Were tamper/custody seals intact and uncompromised? (Yes) No NA
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Was/were the person(s) who collected the samples clearly identified on the COC? (Yes) No
7. Did all bottles arrive in good condition (Unbroken)? (Yes) No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? (Yes) No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? (Yes) No
11. Sufficient quantity received to perform indicated analyses? (Yes) No
12. Are these work share samples and all listed on the COC? Yes (No)
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC157842**
14. Were VOAs on the COC? (Yes) No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes (No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Cooler Yes (No)
17. Was a LL Hg or Me Hg trip blank present? ____ Yes (No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other

Concerning ____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

19. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) 1 vial for GW-042822-SS017 was received in a broken container.
Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

VOA Sample Preservation - Date/Time VOAs Frozen: ____

ANALYTICAL REPORT

Job Number: 240-166223-1

Job Description: 11209506, MLK - Anderson, IN

For:
GHD Services Inc.
26850 Haggerty Rd.
Farmington Hills, MI 48331

Attention: Ms. Ruth Mickle

Approved for release.
Denise D Heckler
Project Manager II
5/19/2022 8:29 AM

Denise D Heckler, Project Manager II
180 S. Van Buren Avenue, Barberton, OH, 44203
(330)966-9477
Denise.Heckler@et.eurofinsus.com
05/19/2022

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Qualifiers

GC/MS VOA

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.
¤	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
240-166223-1

Comments
No additional comments.

Receipt
The samples were received on 5/7/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.1º C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-526140 was outside the method criteria for bromomethane, and chloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Detection Summary

Client: GHD Services Inc.
Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-050222-SS-027 — Lab Sample ID: 240-166223-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	17		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-050222-SS-028 — Lab Sample ID: 240-166223-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.96	J	1.0	0.46	ug/L	1		8260D	Total/NA

Client Sample ID: GW-050222-SS-029 — Lab Sample ID: 240-166223-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	430		10	4.6	ug/L	10		8260D	Total/NA
trans-1,2-Dichloroethene	15		10	5.1	ug/L	10		8260D	Total/NA
Trichloroethene	88		10	4.4	ug/L	10		8260D	Total/NA

Client Sample ID: GW-050222-SS-030 — Lab Sample ID: 240-166223-4

No Detections.

Client Sample ID: EB-050222-SS-003 — Lab Sample ID: 240-166223-5

No Detections.

Client Sample ID: GW-050322-SS-031 — Lab Sample ID: 240-166223-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.98	J	1.0	0.48	ug/L	1		8260D	Total/NA

Client Sample ID: GW-050322-SS-032 — Lab Sample ID: 240-166223-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.53	J	1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	56		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.79	J	1.0	0.51	ug/L	1		8260D	Total/NA

Client Sample ID: GW-050322-SS-033 — Lab Sample ID: 240-166223-8

No Detections.

Client Sample ID: GW-050322-SS-034 — Lab Sample ID: 240-166223-9

No Detections.

Client Sample ID: SW-050322-SS-001 — Lab Sample ID: 240-166223-10

No Detections.

Client Sample ID: GW-050422-SS-035 — Lab Sample ID: 240-166223-11

No Detections.

Client Sample ID: GW-050422-SS-036 — Lab Sample ID: 240-166223-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	67		50	24	ug/L	50		8260D	Total/NA
cis-1,2-Dichloroethene	2500		50	23	ug/L	50		8260D	Total/NA
trans-1,2-Dichloroethene	140		50	26	ug/L	50		8260D	Total/NA
Vinyl chloride	34	J	50	23	ug/L	50		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-050422-SS-037 — Lab Sample ID: 240-166223-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	130		100	47	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene	5900		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	100		100	51	ug/L	100		8260D	Total/NA
Trichloroethene	660		100	44	ug/L	100		8260D	Total/NA
Vinyl chloride	380		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: GW-050422-SS-038 — Lab Sample ID: 240-166223-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	140	J	250	120	ug/L	250		8260D	Total/NA
cis-1,2-Dichloroethene	5600		250	120	ug/L	250		8260D	Total/NA
Trichloroethene	750		250	110	ug/L	250		8260D	Total/NA
Vinyl chloride	350		250	110	ug/L	250		8260D	Total/NA

Client Sample ID: SW-050422-SS-003 — Lab Sample ID: 240-166223-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.7		1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	67		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.5		1.0	0.51	ug/L	1		8260D	Total/NA
Vinyl chloride	6.1		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: GW-050522-SS-039 — Lab Sample ID: 240-166223-16

No Detections.

Client Sample ID: GW-050522-SS-040 — Lab Sample ID: 240-166223-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	730		40	18	ug/L	40		8260D	Total/NA

Client Sample ID: EB-050522-SS-004 — Lab Sample ID: 240-166223-18

No Detections.

Client Sample ID: GW-050522-SS-041 — Lab Sample ID: 240-166223-19

No Detections.

Client Sample ID: GW-050522-SS-042 — Lab Sample ID: 240-166223-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	180		100	47	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene	5200		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	170		100	51	ug/L	100		8260D	Total/NA
Vinyl chloride	250		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: GW-050522-SS-043 — Lab Sample ID: 240-166223-21

No Detections.

Client Sample ID: GW-050522-SS-044 — Lab Sample ID: 240-166223-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.54	J	1.0	0.47	ug/L	1		8260D	Total/NA
Dichlorobromomethane	0.21	J	1.0	0.17	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW-050522-SS-044 (Continued)
Lab Sample ID: 240-166223-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.9	J	10	1.2	ug/L	1		8260D	Total/NA

Client Sample ID: SW-050522-SS-002
Lab Sample ID: 240-166223-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.2		2.0	0.94	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	100		2.0	0.92	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	4.0		2.0	1.0	ug/L	2		8260D	Total/NA
Vinyl chloride	7.3		2.0	0.90	ug/L	2		8260D	Total/NA

Client Sample ID: SW-050522-SS-004
Lab Sample ID: 240-166223-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1		2.0	0.94	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	100		2.0	0.92	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	4.0		2.0	1.0	ug/L	2		8260D	Total/NA
Vinyl chloride	7.2		2.0	0.90	ug/L	2		8260D	Total/NA

Client Sample ID: TB-050522-SS-002
Lab Sample ID: 240-166223-25

No Detections.

Client Sample ID: GW-050222-SS-027 — Lab Sample ID: 240-166223-1

Date Collected: 05/02/22 11:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 12:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 12:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 12:31	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 12:31	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 12:31	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 12:31	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 12:31	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 12:31	1
Acetone	10	U	10	5.4	ug/L			05/12/22 12:31	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 12:31	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 12:31	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 12:31	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 12:31	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 12:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 12:31	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 12:31	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 12:31	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 12:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 12:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 12:31	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 12:31	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 12:31	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 12:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 12:31	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 12:31	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 12:31	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 12:31	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 12:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 12:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 12:31	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 12:31	1
Vinyl chloride	**17**		1.0	0.45	ug/L			05/12/22 12:31	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 12:31	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 12:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 12:31*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/12/22 12:31*	*1*
Dibromofluoromethane (Surr)	*90*		*73 - 120*		*05/12/22 12:31*	*1*

Client Sample ID: GW-050222-SS-028 — Lab Sample ID: 240-166223-2

Date Collected: 05/02/22 13:45 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 12:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 12:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 12:54	1

Client Sample ID: GW-050222-SS-028 — Lab Sample ID: 240-166223-2

Date Collected: 05/02/22 13:45 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 12:54	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 12:54	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 12:54	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 12:54	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 12:54	1
Acetone	10	U	10	5.4	ug/L			05/12/22 12:54	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 12:54	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 12:54	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 12:54	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 12:54	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 12:54	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 12:54	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 12:54	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 12:54	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 12:54	1
cis-1,2-Dichloroethene	**0.96**	**J**	1.0	0.46	ug/L			05/12/22 12:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 12:54	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 12:54	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 12:54	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 12:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 12:54	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 12:54	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 12:54	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 12:54	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 12:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 12:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 12:54	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 12:54	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 12:54	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 12:54	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 12:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 12:54*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/12/22 12:54*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 12:54*	*1*

Client Sample ID: GW-050222-SS-029 — Lab Sample ID: 240-166223-3

Date Collected: 05/02/22 15:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	4.8	ug/L			05/12/22 13:16	10
1,1,2,2-Tetrachloroethane	10	U	10	6.0	ug/L			05/12/22 13:16	10
1,1,2-Trichloroethane	10	U	10	4.8	ug/L			05/12/22 13:16	10
1,1-Dichloroethane	10	U	10	4.7	ug/L			05/12/22 13:16	10
1,1-Dichloroethene	10	U	10	4.9	ug/L			05/12/22 13:16	10
1,2-Dichloroethane	10	U	10	2.1	ug/L			05/12/22 13:16	10

Client Sample ID: GW-050222-SS-029 — Lab Sample ID: 240-166223-3

Date Collected: 05/02/22 15:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	10	U	10	4.7	ug/L			05/12/22 13:16	10
2-Hexanone	100	U	100	11	ug/L			05/12/22 13:16	10
Acetone	100	U	100	54	ug/L			05/12/22 13:16	10
Benzene	10	U	10	4.2	ug/L			05/12/22 13:16	10
Bromoform	10	U	10	7.6	ug/L			05/12/22 13:16	10
Bromomethane	10	U	10	4.2	ug/L			05/12/22 13:16	10
Carbon disulfide	10	U	10	5.9	ug/L			05/12/22 13:16	10
Carbon tetrachloride	10	U	10	2.6	ug/L			05/12/22 13:16	10
Chlorobenzene	10	U	10	3.8	ug/L			05/12/22 13:16	10
Chloroethane	10	U	10	8.3	ug/L			05/12/22 13:16	10
Chloroform	10	U	10	4.7	ug/L			05/12/22 13:16	10
Chloromethane	10	U	10	6.3	ug/L			05/12/22 13:16	10
cis-1,2-Dichloroethene	**430**		10	4.6	ug/L			05/12/22 13:16	10
cis-1,3-Dichloropropene	10	U	10	6.1	ug/L			05/12/22 13:16	10
Dichlorobromomethane	10	U	10	1.7	ug/L			05/12/22 13:16	10
Ethylbenzene	10	U	10	4.2	ug/L			05/12/22 13:16	10
2-Butanone (MEK)	100	U	100	12	ug/L			05/12/22 13:16	10
4-Methyl-2-pentanone (MIBK)	100	U	100	9.9	ug/L			05/12/22 13:16	10
Methylene Chloride	50	U	50	26	ug/L			05/12/22 13:16	10
Styrene	10	U	10	4.5	ug/L			05/12/22 13:16	10
Tetrachloroethene	10	U	10	4.4	ug/L			05/12/22 13:16	10
Toluene	10	U	10	4.4	ug/L			05/12/22 13:16	10
trans-1,2-Dichloroethene	**15**		10	5.1	ug/L			05/12/22 13:16	10
trans-1,3-Dichloropropene	10	U	10	6.7	ug/L			05/12/22 13:16	10
Trichloroethene	**88**		10	4.4	ug/L			05/12/22 13:16	10
Vinyl chloride	10	U	10	4.5	ug/L			05/12/22 13:16	10
Xylenes, Total	20	U	20	4.2	ug/L			05/12/22 13:16	10
Chlorodibromomethane	10	U	10	3.9	ug/L			05/12/22 13:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 13:16*	*10*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*05/12/22 13:16*	*10*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/12/22 13:16*	*10*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 13:16*	*10*

Client Sample ID: GW-050222-SS-030 — Lab Sample ID: 240-166223-4

Date Collected: 05/02/22 17:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 13:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 13:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 13:38	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 13:38	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 13:38	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 13:38	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 13:38	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 13:38	1
Acetone	10	U	10	5.4	ug/L			05/12/22 13:38	1

Client Sample ID: GW-050222-SS-030 — Lab Sample ID: 240-166223-4

Date Collected: 05/02/22 17:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 13:38	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 13:38	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 13:38	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 13:38	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 13:38	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 13:38	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 13:38	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 13:38	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 13:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 13:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 13:38	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 13:38	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 13:38	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 13:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 13:38	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 13:38	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 13:38	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 13:38	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 13:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 13:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 13:38	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 13:38	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 13:38	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 13:38	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*		*05/12/22 13:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*05/12/22 13:38*	*1*
Toluene-d8 (Surr)	*100*		*78 - 122*		*05/12/22 13:38*	*1*
Dibromofluoromethane (Surr)	*89*		*73 - 120*		*05/12/22 13:38*	*1*

Client Sample ID: EB-050222-SS-003 — Lab Sample ID: 240-166223-5

Date Collected: 05/02/22 11:55 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 14:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 14:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 14:01	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 14:01	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 14:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 14:01	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 14:01	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 14:01	1
Acetone	10	U	10	5.4	ug/L			05/12/22 14:01	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:01	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 14:01	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 14:01	1

Client Sample ID: EB-050222-SS-003 Lab Sample ID: 240-166223-5

Date Collected: 05/02/22 11:55 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 14:01	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 14:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 14:01	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 14:01	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 14:01	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 14:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 14:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 14:01	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 14:01	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:01	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 14:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 14:01	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 14:01	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 14:01	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:01	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 14:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 14:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 14:01	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:01	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 14:01	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 14:01	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/12/22 14:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*05/12/22 14:01*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/12/22 14:01*	*1*
Dibromofluoromethane (Surr)	*90*		*73 - 120*		*05/12/22 14:01*	*1*

Client Sample ID: GW-050322-SS-031 Lab Sample ID: 240-166223-6

Date Collected: 05/03/22 11:40 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.98**	**J**	1.0	0.48	ug/L			05/12/22 14:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 14:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 14:23	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 14:23	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 14:23	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 14:23	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 14:23	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 14:23	1
Acetone	10	U	10	5.4	ug/L			05/12/22 14:23	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:23	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 14:23	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 14:23	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 14:23	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 14:23	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 14:23	1

Client Sample ID: GW-050322-SS-031 — Lab Sample ID: 240-166223-6

Date Collected: 05/03/22 11:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 14:23	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 14:23	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 14:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 14:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 14:23	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 14:23	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:23	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 14:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 14:23	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 14:23	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 14:23	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:23	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 14:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 14:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 14:23	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:23	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 14:23	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 14:23	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*05/12/22 14:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 14:23*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/12/22 14:23*	*1*
Dibromofluoromethane (Surr)	*90*		*73 - 120*		*05/12/22 14:23*	*1*

Client Sample ID: GW-050322-SS-032 — Lab Sample ID: 240-166223-7

Date Collected: 05/03/22 12:55 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 14:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 14:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 14:46	1
1,1-Dichloroethane	**0.53**	**J**	1.0	0.47	ug/L			05/12/22 14:46	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 14:46	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 14:46	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 14:46	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 14:46	1
Acetone	10	U	10	5.4	ug/L			05/12/22 14:46	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:46	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 14:46	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 14:46	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 14:46	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 14:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 14:46	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 14:46	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 14:46	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 14:46	1

Client Sample ID: GW-050322-SS-032 — Lab Sample ID: 240-166223-7

Date Collected: 05/03/22 12:55 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**56**		1.0	0.46	ug/L			05/12/22 14:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 14:46	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 14:46	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 14:46	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 14:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 14:46	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 14:46	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 14:46	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:46	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 14:46	1
trans-1,2-Dichloroethene	**0.79**	**J**	1.0	0.51	ug/L			05/12/22 14:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 14:46	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 14:46	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 14:46	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 14:46	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 14:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 14:46*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/12/22 14:46*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 14:46*	*1*

Client Sample ID: GW-050322-SS-033 — Lab Sample ID: 240-166223-8

Date Collected: 05/03/22 15:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 15:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:08	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 15:08	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 15:08	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 15:08	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 15:08	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 15:08	1
Acetone	10	U	10	5.4	ug/L			05/12/22 15:08	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:08	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 15:08	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 15:08	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 15:08	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 15:08	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 15:08	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 15:08	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 15:08	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 15:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 15:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 15:08	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 15:08	1

Client Sample ID: GW-050322-SS-033 — Lab Sample ID: 240-166223-8

Date Collected: 05/03/22 15:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:08	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 15:08	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 15:08	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 15:08	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 15:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:08	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 15:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 15:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 15:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 15:08	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 15:08	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 15:08*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*05/12/22 15:08*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/12/22 15:08*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 15:08*	*1*

Client Sample ID: GW-050322-SS-034 — Lab Sample ID: 240-166223-9

Date Collected: 05/03/22 16:35 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 15:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:31	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 15:31	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 15:31	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 15:31	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 15:31	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 15:31	1
Acetone	10	U	10	5.4	ug/L			05/12/22 15:31	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:31	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 15:31	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 15:31	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 15:31	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 15:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 15:31	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 15:31	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 15:31	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 15:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 15:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 15:31	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 15:31	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:31	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 15:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 15:31	1

Client Sample ID: GW-050322-SS-034 — Lab Sample ID: 240-166223-9

Date Collected: 05/03/22 16:35 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 15:31	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 15:31	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:31	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 15:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 15:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 15:31	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:31	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 15:31	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 15:31	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/12/22 15:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*05/12/22 15:31*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/12/22 15:31*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 15:31*	*1*

Client Sample ID: SW-050322-SS-001 — Lab Sample ID: 240-166223-10

Date Collected: 05/03/22 15:45 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 15:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 15:53	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 15:53	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 15:53	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 15:53	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 15:53	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 15:53	1
Acetone	10	U	10	5.4	ug/L			05/12/22 15:53	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:53	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 15:53	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 15:53	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 15:53	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 15:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 15:53	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 15:53	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 15:53	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 15:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 15:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 15:53	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 15:53	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 15:53	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 15:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 15:53	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 15:53	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 15:53	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:53	1

Client Sample ID: SW-050322-SS-001 Lab Sample ID: 240-166223-10

Date Collected: 05/03/22 15:45 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 15:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 15:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 15:53	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 15:53	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 15:53	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 15:53	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/12/22 15:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 15:53*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/12/22 15:53*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/12/22 15:53*	*1*

Client Sample ID: GW-050422-SS-035 Lab Sample ID: 240-166223-11

Date Collected: 05/04/22 10:10 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 16:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 16:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 16:15	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 16:15	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 16:15	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 16:15	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 16:15	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 16:15	1
Acetone	10	U	10	5.4	ug/L			05/12/22 16:15	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 16:15	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 16:15	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 16:15	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 16:15	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 16:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 16:15	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 16:15	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 16:15	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 16:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 16:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 16:15	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 16:15	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 16:15	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 16:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 16:15	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 16:15	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 16:15	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 16:15	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 16:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 16:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 16:15	1

Client Sample ID: GW-050422-SS-035 Lab Sample ID: 240-166223-11

Date Collected: 05/04/22 10:10 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 16:15	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 16:15	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 16:15	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 16:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*05/12/22 16:15*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/12/22 16:15*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 16:15*	*1*

Client Sample ID: GW-050422-SS-036 Lab Sample ID: 240-166223-12

Date Collected: 05/04/22 11:05 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	50	U	50	24	ug/L			05/12/22 16:38	50
1,1,2,2-Tetrachloroethane	50	U	50	30	ug/L			05/12/22 16:38	50
1,1,2-Trichloroethane	50	U	50	24	ug/L			05/12/22 16:38	50
1,1-Dichloroethane	**67**		50	24	ug/L			05/12/22 16:38	50
1,1-Dichloroethene	50	U	50	25	ug/L			05/12/22 16:38	50
1,2-Dichloroethane	50	U	50	11	ug/L			05/12/22 16:38	50
1,2-Dichloropropane	50	U	50	24	ug/L			05/12/22 16:38	50
2-Hexanone	500	U	500	56	ug/L			05/12/22 16:38	50
Acetone	500	U	500	270	ug/L			05/12/22 16:38	50
Benzene	50	U	50	21	ug/L			05/12/22 16:38	50
Bromoform	50	U	50	38	ug/L			05/12/22 16:38	50
Bromomethane	50	U	50	21	ug/L			05/12/22 16:38	50
Carbon disulfide	50	U	50	30	ug/L			05/12/22 16:38	50
Carbon tetrachloride	50	U	50	13	ug/L			05/12/22 16:38	50
Chlorobenzene	50	U	50	19	ug/L			05/12/22 16:38	50
Chloroethane	50	U	50	42	ug/L			05/12/22 16:38	50
Chloroform	50	U	50	24	ug/L			05/12/22 16:38	50
Chloromethane	50	U	50	32	ug/L			05/12/22 16:38	50
cis-1,2-Dichloroethene	**2500**		50	23	ug/L			05/12/22 16:38	50
cis-1,3-Dichloropropene	50	U	50	31	ug/L			05/12/22 16:38	50
Dichlorobromomethane	50	U	50	8.5	ug/L			05/12/22 16:38	50
Ethylbenzene	50	U	50	21	ug/L			05/12/22 16:38	50
2-Butanone (MEK)	500	U	500	58	ug/L			05/12/22 16:38	50
4-Methyl-2-pentanone (MIBK)	500	U	500	50	ug/L			05/12/22 16:38	50
Methylene Chloride	250	U	250	130	ug/L			05/12/22 16:38	50
Styrene	50	U	50	23	ug/L			05/12/22 16:38	50
Tetrachloroethene	50	U	50	22	ug/L			05/12/22 16:38	50
Toluene	50	U	50	22	ug/L			05/12/22 16:38	50
trans-1,2-Dichloroethene	**140**		50	26	ug/L			05/12/22 16:38	50
trans-1,3-Dichloropropene	50	U	50	34	ug/L			05/12/22 16:38	50
Trichloroethene	50	U	50	22	ug/L			05/12/22 16:38	50
Vinyl chloride	**34**	**J**	50	23	ug/L			05/12/22 16:38	50
Xylenes, Total	100	U	100	21	ug/L			05/12/22 16:38	50

Client Sample ID: GW-050422-SS-036 Lab Sample ID: 240-166223-12

Date Collected: 05/04/22 11:05 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	50	U	50	20	ug/L			05/12/22 16:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 16:38*	*50*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*05/12/22 16:38*	*50*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/12/22 16:38*	*50*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 16:38*	*50*

Client Sample ID: GW-050422-SS-037 Lab Sample ID: 240-166223-13

Date Collected: 05/04/22 12:10 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/12/22 17:00	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/12/22 17:00	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/12/22 17:00	100
1,1-Dichloroethane	**130**		100	47	ug/L			05/12/22 17:00	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/12/22 17:00	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/12/22 17:00	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/12/22 17:00	100
2-Hexanone	1000	U	1000	110	ug/L			05/12/22 17:00	100
Acetone	1000	U	1000	540	ug/L			05/12/22 17:00	100
Benzene	100	U	100	42	ug/L			05/12/22 17:00	100
Bromoform	100	U	100	76	ug/L			05/12/22 17:00	100
Bromomethane	100	U	100	42	ug/L			05/12/22 17:00	100
Carbon disulfide	100	U	100	59	ug/L			05/12/22 17:00	100
Carbon tetrachloride	100	U	100	26	ug/L			05/12/22 17:00	100
Chlorobenzene	100	U	100	38	ug/L			05/12/22 17:00	100
Chloroethane	100	U	100	83	ug/L			05/12/22 17:00	100
Chloroform	100	U	100	47	ug/L			05/12/22 17:00	100
Chloromethane	100	U	100	63	ug/L			05/12/22 17:00	100
cis-1,2-Dichloroethene	**5900**		100	46	ug/L			05/12/22 17:00	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/12/22 17:00	100
Dichlorobromomethane	100	U	100	17	ug/L			05/12/22 17:00	100
Ethylbenzene	100	U	100	42	ug/L			05/12/22 17:00	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/12/22 17:00	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/12/22 17:00	100
Methylene Chloride	500	U	500	260	ug/L			05/12/22 17:00	100
Styrene	100	U	100	45	ug/L			05/12/22 17:00	100
Tetrachloroethene	100	U	100	44	ug/L			05/12/22 17:00	100
Toluene	100	U	100	44	ug/L			05/12/22 17:00	100
trans-1,2-Dichloroethene	**100**		100	51	ug/L			05/12/22 17:00	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/12/22 17:00	100
Trichloroethene	**660**		100	44	ug/L			05/12/22 17:00	100
Vinyl chloride	**380**		100	45	ug/L			05/12/22 17:00	100
Xylenes, Total	200	U	200	42	ug/L			05/12/22 17:00	100
Chlorodibromomethane	100	U	100	39	ug/L			05/12/22 17:00	100

Client Sample ID: GW-050422-SS-037 — Lab Sample ID: 240-166223-13

Date Collected: 05/04/22 12:10 — **Matrix: Water**
Date Received: 05/07/22 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 17:00*	*100*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*05/12/22 17:00*	*100*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/12/22 17:00*	*100*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 17:00*	*100*

Client Sample ID: GW-050422-SS-038 — Lab Sample ID: 240-166223-14

Date Collected: 05/04/22 12:15 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	250	U	250	120	ug/L			05/12/22 17:23	250
1,1,2,2-Tetrachloroethane	250	U	250	150	ug/L			05/12/22 17:23	250
1,1,2-Trichloroethane	250	U	250	120	ug/L			05/12/22 17:23	250
1,1-Dichloroethane	**140**	**J**	250	120	ug/L			05/12/22 17:23	250
1,1-Dichloroethene	250	U	250	120	ug/L			05/12/22 17:23	250
1,2-Dichloroethane	250	U	250	53	ug/L			05/12/22 17:23	250
1,2-Dichloropropane	250	U	250	120	ug/L			05/12/22 17:23	250
2-Hexanone	2500	U	2500	280	ug/L			05/12/22 17:23	250
Acetone	2500	U	2500	1400	ug/L			05/12/22 17:23	250
Benzene	250	U	250	110	ug/L			05/12/22 17:23	250
Bromoform	250	U	250	190	ug/L			05/12/22 17:23	250
Bromomethane	250	U	250	110	ug/L			05/12/22 17:23	250
Carbon disulfide	250	U	250	150	ug/L			05/12/22 17:23	250
Carbon tetrachloride	250	U	250	65	ug/L			05/12/22 17:23	250
Chlorobenzene	250	U	250	95	ug/L			05/12/22 17:23	250
Chloroethane	250	U	250	210	ug/L			05/12/22 17:23	250
Chloroform	250	U	250	120	ug/L			05/12/22 17:23	250
Chloromethane	250	U	250	160	ug/L			05/12/22 17:23	250
cis-1,2-Dichloroethene	**5600**		250	120	ug/L			05/12/22 17:23	250
cis-1,3-Dichloropropene	250	U	250	150	ug/L			05/12/22 17:23	250
Dichlorobromomethane	250	U	250	43	ug/L			05/12/22 17:23	250
Ethylbenzene	250	U	250	110	ug/L			05/12/22 17:23	250
2-Butanone (MEK)	2500	U	2500	290	ug/L			05/12/22 17:23	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	250	ug/L			05/12/22 17:23	250
Methylene Chloride	1300	U	1300	660	ug/L			05/12/22 17:23	250
Styrene	250	U	250	110	ug/L			05/12/22 17:23	250
Tetrachloroethene	250	U	250	110	ug/L			05/12/22 17:23	250
Toluene	250	U	250	110	ug/L			05/12/22 17:23	250
trans-1,2-Dichloroethene	250	U	250	130	ug/L			05/12/22 17:23	250
trans-1,3-Dichloropropene	250	U	250	170	ug/L			05/12/22 17:23	250
Trichloroethene	**750**		250	110	ug/L			05/12/22 17:23	250
Vinyl chloride	**350**		250	110	ug/L			05/12/22 17:23	250
Xylenes, Total	500	U	500	110	ug/L			05/12/22 17:23	250
Chlorodibromomethane	250	U	250	98	ug/L			05/12/22 17:23	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*05/12/22 17:23*	*250*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*05/12/22 17:23*	*250*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/12/22 17:23*	*250*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 17:23*	*250*

Client Sample ID: SW-050422-SS-003 — Lab Sample ID: 240-166223-15

Date Collected: 05/04/22 13:05 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 17:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 17:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 17:45	1
1,1-Dichloroethane	**2.7**		1.0	0.47	ug/L			05/12/22 17:45	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 17:45	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 17:45	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 17:45	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 17:45	1
Acetone	10	U	10	5.4	ug/L			05/12/22 17:45	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 17:45	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 17:45	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 17:45	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 17:45	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 17:45	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 17:45	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 17:45	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 17:45	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 17:45	1
cis-1,2-Dichloroethene	**67**		1.0	0.46	ug/L			05/12/22 17:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 17:45	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 17:45	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 17:45	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 17:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 17:45	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 17:45	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 17:45	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 17:45	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 17:45	1
trans-1,2-Dichloroethene	**2.5**		1.0	0.51	ug/L			05/12/22 17:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 17:45	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 17:45	1
Vinyl chloride	**6.1**		1.0	0.45	ug/L			05/12/22 17:45	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 17:45	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 17:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*05/12/22 17:45*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*05/12/22 17:45*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 17:45*	*1*

Client Sample ID: GW-050522-SS-039 — Lab Sample ID: 240-166223-16

Date Collected: 05/05/22 09:35 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 18:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 18:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 18:07	1

Client Sample ID: GW-050522-SS-039 — Lab Sample ID: 240-166223-16

Date Collected: 05/05/22 09:35 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 18:07	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 18:07	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 18:07	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 18:07	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 18:07	1
Acetone	10	U	10	5.4	ug/L			05/12/22 18:07	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 18:07	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 18:07	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 18:07	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 18:07	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 18:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 18:07	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 18:07	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 18:07	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 18:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 18:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 18:07	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 18:07	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 18:07	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 18:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 18:07	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 18:07	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 18:07	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 18:07	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 18:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 18:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 18:07	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 18:07	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 18:07	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 18:07	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*05/12/22 18:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*05/12/22 18:07*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/12/22 18:07*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 18:07*	*1*

Client Sample ID: GW-050522-SS-040 — Lab Sample ID: 240-166223-17

Date Collected: 05/05/22 10:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	40	U	40	19	ug/L			05/12/22 18:30	40
1,1,2,2-Tetrachloroethane	40	U	40	24	ug/L			05/12/22 18:30	40
1,1,2-Trichloroethane	40	U	40	19	ug/L			05/12/22 18:30	40
1,1-Dichloroethane	40	U	40	19	ug/L			05/12/22 18:30	40
1,1-Dichloroethene	40	U	40	20	ug/L			05/12/22 18:30	40
1,2-Dichloroethane	40	U	40	8.4	ug/L			05/12/22 18:30	40

Client Sample ID: GW-050522-SS-040 — Lab Sample ID: 240-166223-17

Date Collected: 05/05/22 10:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	40	U	40	19	ug/L			05/12/22 18:30	40
2-Hexanone	400	U	400	44	ug/L			05/12/22 18:30	40
Acetone	400	U	400	220	ug/L			05/12/22 18:30	40
Benzene	40	U	40	17	ug/L			05/12/22 18:30	40
Bromoform	40	U	40	30	ug/L			05/12/22 18:30	40
Bromomethane	40	U	40	17	ug/L			05/12/22 18:30	40
Carbon disulfide	40	U	40	24	ug/L			05/12/22 18:30	40
Carbon tetrachloride	40	U	40	10	ug/L			05/12/22 18:30	40
Chlorobenzene	40	U	40	15	ug/L			05/12/22 18:30	40
Chloroethane	40	U	40	33	ug/L			05/12/22 18:30	40
Chloroform	40	U	40	19	ug/L			05/12/22 18:30	40
Chloromethane	40	U	40	25	ug/L			05/12/22 18:30	40
cis-1,2-Dichloroethene	40	U	40	18	ug/L			05/12/22 18:30	40
cis-1,3-Dichloropropene	40	U	40	24	ug/L			05/12/22 18:30	40
Dichlorobromomethane	40	U	40	6.8	ug/L			05/12/22 18:30	40
Ethylbenzene	40	U	40	17	ug/L			05/12/22 18:30	40
2-Butanone (MEK)	400	U	400	46	ug/L			05/12/22 18:30	40
4-Methyl-2-pentanone (MIBK)	400	U	400	40	ug/L			05/12/22 18:30	40
Methylene Chloride	200	U	200	100	ug/L			05/12/22 18:30	40
Styrene	40	U	40	18	ug/L			05/12/22 18:30	40
Tetrachloroethene	40	U	40	18	ug/L			05/12/22 18:30	40
Toluene	40	U	40	18	ug/L			05/12/22 18:30	40
trans-1,2-Dichloroethene	40	U	40	20	ug/L			05/12/22 18:30	40
trans-1,3-Dichloropropene	40	U	40	27	ug/L			05/12/22 18:30	40
Trichloroethene	40	U	40	18	ug/L			05/12/22 18:30	40
Vinyl chloride	**730**		40	18	ug/L			05/12/22 18:30	40
Xylenes, Total	80	U	80	17	ug/L			05/12/22 18:30	40
Chlorodibromomethane	40	U	40	16	ug/L			05/12/22 18:30	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 18:30*	*40*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*05/12/22 18:30*	*40*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/12/22 18:30*	*40*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 18:30*	*40*

Client Sample ID: EB-050522-SS-004 — Lab Sample ID: 240-166223-18

Date Collected: 05/05/22 10:50 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 18:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 18:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 18:53	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 18:53	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 18:53	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 18:53	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 18:53	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 18:53	1
Acetone	10	U	10	5.4	ug/L			05/12/22 18:53	1

Client Sample ID: EB-050522-SS-004 — Lab Sample ID: 240-166223-18

Date Collected: 05/05/22 10:50 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 18:53	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 18:53	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 18:53	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 18:53	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 18:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 18:53	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 18:53	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 18:53	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 18:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 18:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 18:53	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 18:53	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 18:53	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 18:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 18:53	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 18:53	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 18:53	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 18:53	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 18:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 18:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 18:53	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 18:53	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 18:53	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 18:53	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/12/22 18:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*05/12/22 18:53*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/12/22 18:53*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 18:53*	*1*

Client Sample ID: GW-050522-SS-041 — Lab Sample ID: 240-166223-19

Date Collected: 05/05/22 11:40 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 19:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 19:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 19:15	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 19:15	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 19:15	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 19:15	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 19:15	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 19:15	1
Acetone	10	U	10	5.4	ug/L			05/12/22 19:15	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 19:15	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 19:15	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 19:15	1

Client Sample ID: GW-050522-SS-041 Lab Sample ID: 240-166223-19

Date Collected: 05/05/22 11:40 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 19:15	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 19:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 19:15	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 19:15	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 19:15	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 19:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 19:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 19:15	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 19:15	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 19:15	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 19:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 19:15	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 19:15	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 19:15	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 19:15	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 19:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 19:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 19:15	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 19:15	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 19:15	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 19:15	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/12/22 19:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*05/12/22 19:15*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*05/12/22 19:15*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*05/12/22 19:15*	*1*

Client Sample ID: GW-050522-SS-042 Lab Sample ID: 240-166223-20

Date Collected: 05/05/22 13:00 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	48	ug/L			05/16/22 20:02	100
1,1,2,2-Tetrachloroethane	100	U	100	60	ug/L			05/16/22 20:02	100
1,1,2-Trichloroethane	100	U	100	48	ug/L			05/16/22 20:02	100
1,1-Dichloroethane	**180**		100	47	ug/L			05/16/22 20:02	100
1,1-Dichloroethene	100	U	100	49	ug/L			05/16/22 20:02	100
1,2-Dichloroethane	100	U	100	21	ug/L			05/16/22 20:02	100
1,2-Dichloropropane	100	U	100	47	ug/L			05/16/22 20:02	100
2-Hexanone	1000	U	1000	110	ug/L			05/16/22 20:02	100
Acetone	1000	U	1000	540	ug/L			05/16/22 20:02	100
Benzene	100	U	100	42	ug/L			05/16/22 20:02	100
Bromoform	100	U	100	76	ug/L			05/16/22 20:02	100
Bromomethane	100	U	100	42	ug/L			05/16/22 20:02	100
Carbon disulfide	100	U	100	59	ug/L			05/16/22 20:02	100
Carbon tetrachloride	100	U	100	26	ug/L			05/16/22 20:02	100
Chlorobenzene	100	U	100	38	ug/L			05/16/22 20:02	100

Client Sample ID: GW-050522-SS-042 — Lab Sample ID: 240-166223-20

Date Collected: 05/05/22 13:00 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	100	U	100	83	ug/L			05/16/22 20:02	100
Chloroform	100	U	100	47	ug/L			05/16/22 20:02	100
Chloromethane	100	U	100	63	ug/L			05/16/22 20:02	100
cis-1,2-Dichloroethene	**5200**		100	46	ug/L			05/16/22 20:02	100
cis-1,3-Dichloropropene	100	U	100	61	ug/L			05/16/22 20:02	100
Dichlorobromomethane	100	U	100	17	ug/L			05/16/22 20:02	100
Ethylbenzene	100	U	100	42	ug/L			05/16/22 20:02	100
2-Butanone (MEK)	1000	U	1000	120	ug/L			05/16/22 20:02	100
4-Methyl-2-pentanone (MIBK)	1000	U	1000	99	ug/L			05/16/22 20:02	100
Methylene Chloride	500	U	500	260	ug/L			05/16/22 20:02	100
Styrene	100	U	100	45	ug/L			05/16/22 20:02	100
Tetrachloroethene	100	U	100	44	ug/L			05/16/22 20:02	100
Toluene	100	U	100	44	ug/L			05/16/22 20:02	100
trans-1,2-Dichloroethene	**170**		100	51	ug/L			05/16/22 20:02	100
trans-1,3-Dichloropropene	100	U	100	67	ug/L			05/16/22 20:02	100
Trichloroethene	100	U	100	44	ug/L			05/16/22 20:02	100
Vinyl chloride	**250**		100	45	ug/L			05/16/22 20:02	100
Xylenes, Total	200	U	200	42	ug/L			05/16/22 20:02	100
Chlorodibromomethane	100	U	100	39	ug/L			05/16/22 20:02	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*62 - 137*		*05/16/22 20:02*	*100*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*05/16/22 20:02*	*100*
Toluene-d8 (Surr)	*98*		*78 - 122*		*05/16/22 20:02*	*100*
Dibromofluoromethane (Surr)	*113*		*73 - 120*		*05/16/22 20:02*	*100*

Client Sample ID: GW-050522-SS-043 — Lab Sample ID: 240-166223-21

Date Collected: 05/05/22 14:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 20:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/16/22 20:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 20:24	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/16/22 20:24	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/16/22 20:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/16/22 20:24	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/16/22 20:24	1
2-Hexanone	10	U	10	1.1	ug/L			05/16/22 20:24	1
Acetone	10	U	10	5.4	ug/L			05/16/22 20:24	1
Benzene	1.0	U	1.0	0.42	ug/L			05/16/22 20:24	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/16/22 20:24	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/16/22 20:24	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/16/22 20:24	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/16/22 20:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/16/22 20:24	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/16/22 20:24	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/16/22 20:24	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/16/22 20:24	1

Client Sample ID: GW-050522-SS-043 — Lab Sample ID: 240-166223-21

Date Collected: 05/05/22 14:05 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/22 20:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/16/22 20:24	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/16/22 20:24	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/16/22 20:24	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/16/22 20:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/16/22 20:24	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/16/22 20:24	1
Styrene	1.0	U	1.0	0.45	ug/L			05/16/22 20:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 20:24	1
Toluene	1.0	U	1.0	0.44	ug/L			05/16/22 20:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/22 20:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/16/22 20:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 20:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/22 20:24	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/16/22 20:24	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/16/22 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*62 - 137*		*05/16/22 20:24*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*05/16/22 20:24*	*1*
Toluene-d8 (Surr)	*96*		*78 - 122*		*05/16/22 20:24*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 120*		*05/16/22 20:24*	*1*

Client Sample ID: GW-050522-SS-044 — Lab Sample ID: 240-166223-22

Date Collected: 05/05/22 15:45 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 20:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/16/22 20:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 20:46	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/16/22 20:46	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/16/22 20:46	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/16/22 20:46	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/16/22 20:46	1
2-Hexanone	10	U	10	1.1	ug/L			05/16/22 20:46	1
Acetone	10	U	10	5.4	ug/L			05/16/22 20:46	1
Benzene	1.0	U	1.0	0.42	ug/L			05/16/22 20:46	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/16/22 20:46	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/16/22 20:46	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/16/22 20:46	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/16/22 20:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/16/22 20:46	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/16/22 20:46	1
Chloroform	**0.54**	**J**	1.0	0.47	ug/L			05/16/22 20:46	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/16/22 20:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/22 20:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/16/22 20:46	1
Dichlorobromomethane	**0.21**	**J**	1.0	0.17	ug/L			05/16/22 20:46	1

Client Sample ID: GW-050522-SS-044 — Lab Sample ID: 240-166223-22

Date Collected: 05/05/22 15:45 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/16/22 20:46	1
2-Butanone (MEK)	**1.9**	**J**	10	1.2	ug/L			05/16/22 20:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/16/22 20:46	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/16/22 20:46	1
Styrene	1.0	U	1.0	0.45	ug/L			05/16/22 20:46	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 20:46	1
Toluene	1.0	U	1.0	0.44	ug/L			05/16/22 20:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/22 20:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/16/22 20:46	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 20:46	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/22 20:46	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/16/22 20:46	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/16/22 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 137*		*05/16/22 20:46*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*05/16/22 20:46*	*1*
Toluene-d8 (Surr)	*96*		*78 - 122*		*05/16/22 20:46*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 120*		*05/16/22 20:46*	*1*

Client Sample ID: SW-050522-SS-002 — Lab Sample ID: 240-166223-23

Date Collected: 05/05/22 13:15 — **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.96	ug/L			05/17/22 14:01	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.2	ug/L			05/17/22 14:01	2
1,1,2-Trichloroethane	2.0	U	2.0	0.96	ug/L			05/17/22 14:01	2
1,1-Dichloroethane	**4.2**		2.0	0.94	ug/L			05/17/22 14:01	2
1,1-Dichloroethene	2.0	U	2.0	0.98	ug/L			05/17/22 14:01	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			05/17/22 14:01	2
1,2-Dichloropropane	2.0	U	2.0	0.94	ug/L			05/17/22 14:01	2
2-Hexanone	20	U	20	2.2	ug/L			05/17/22 14:01	2
Acetone	20	U	20	11	ug/L			05/17/22 14:01	2
Benzene	2.0	U	2.0	0.84	ug/L			05/17/22 14:01	2
Bromoform	2.0	U	2.0	1.5	ug/L			05/17/22 14:01	2
Bromomethane	2.0	U	2.0	0.84	ug/L			05/17/22 14:01	2
Carbon disulfide	2.0	U	2.0	1.2	ug/L			05/17/22 14:01	2
Carbon tetrachloride	2.0	U	2.0	0.52	ug/L			05/17/22 14:01	2
Chlorobenzene	2.0	U	2.0	0.76	ug/L			05/17/22 14:01	2
Chloroethane	2.0	U	2.0	1.7	ug/L			05/17/22 14:01	2
Chloroform	2.0	U	2.0	0.94	ug/L			05/17/22 14:01	2
Chloromethane	2.0	U	2.0	1.3	ug/L			05/17/22 14:01	2
cis-1,2-Dichloroethene	**100**		2.0	0.92	ug/L			05/17/22 14:01	2
cis-1,3-Dichloropropene	2.0	U	2.0	1.2	ug/L			05/17/22 14:01	2
Dichlorobromomethane	2.0	U	2.0	0.34	ug/L			05/17/22 14:01	2
Ethylbenzene	2.0	U	2.0	0.84	ug/L			05/17/22 14:01	2
2-Butanone (MEK)	20	U	20	2.3	ug/L			05/17/22 14:01	2
4-Methyl-2-pentanone (MIBK)	20	U	20	2.0	ug/L			05/17/22 14:01	2

Client Sample ID: SW-050522-SS-002 Lab Sample ID: 240-166223-23

Date Collected: 05/05/22 13:15 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	10	U	10	5.2	ug/L			05/17/22 14:01	2
Styrene	2.0	U	2.0	0.90	ug/L			05/17/22 14:01	2
Tetrachloroethene	2.0	U	2.0	0.88	ug/L			05/17/22 14:01	2
Toluene	2.0	U	2.0	0.88	ug/L			05/17/22 14:01	2
trans-1,2-Dichloroethene	**4.0**		2.0	1.0	ug/L			05/17/22 14:01	2
trans-1,3-Dichloropropene	2.0	U	2.0	1.3	ug/L			05/17/22 14:01	2
Trichloroethene	2.0	U	2.0	0.88	ug/L			05/17/22 14:01	2
Vinyl chloride	**7.3**		2.0	0.90	ug/L			05/17/22 14:01	2
Xylenes, Total	4.0	U	4.0	0.84	ug/L			05/17/22 14:01	2
Chlorodibromomethane	2.0	U	2.0	0.78	ug/L			05/17/22 14:01	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*05/17/22 14:01*	*2*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*05/17/22 14:01*	*2*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/17/22 14:01*	*2*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/17/22 14:01*	*2*

Client Sample ID: SW-050522-SS-004 Lab Sample ID: 240-166223-24

Date Collected: 05/05/22 13:20 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.96	ug/L			05/17/22 14:24	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.2	ug/L			05/17/22 14:24	2
1,1,2-Trichloroethane	2.0	U	2.0	0.96	ug/L			05/17/22 14:24	2
1,1-Dichloroethane	**4.1**		2.0	0.94	ug/L			05/17/22 14:24	2
1,1-Dichloroethene	2.0	U	2.0	0.98	ug/L			05/17/22 14:24	2
1,2-Dichloroethane	2.0	U	2.0	0.42	ug/L			05/17/22 14:24	2
1,2-Dichloropropane	2.0	U	2.0	0.94	ug/L			05/17/22 14:24	2
2-Hexanone	20	U	20	2.2	ug/L			05/17/22 14:24	2
Acetone	20	U	20	11	ug/L			05/17/22 14:24	2
Benzene	2.0	U	2.0	0.84	ug/L			05/17/22 14:24	2
Bromoform	2.0	U	2.0	1.5	ug/L			05/17/22 14:24	2
Bromomethane	2.0	U	2.0	0.84	ug/L			05/17/22 14:24	2
Carbon disulfide	2.0	U	2.0	1.2	ug/L			05/17/22 14:24	2
Carbon tetrachloride	2.0	U	2.0	0.52	ug/L			05/17/22 14:24	2
Chlorobenzene	2.0	U	2.0	0.76	ug/L			05/17/22 14:24	2
Chloroethane	2.0	U	2.0	1.7	ug/L			05/17/22 14:24	2
Chloroform	2.0	U	2.0	0.94	ug/L			05/17/22 14:24	2
Chloromethane	2.0	U	2.0	1.3	ug/L			05/17/22 14:24	2
cis-1,2-Dichloroethene	**100**		2.0	0.92	ug/L			05/17/22 14:24	2
cis-1,3-Dichloropropene	2.0	U	2.0	1.2	ug/L			05/17/22 14:24	2
Dichlorobromomethane	2.0	U	2.0	0.34	ug/L			05/17/22 14:24	2
Ethylbenzene	2.0	U	2.0	0.84	ug/L			05/17/22 14:24	2
2-Butanone (MEK)	20	U	20	2.3	ug/L			05/17/22 14:24	2
4-Methyl-2-pentanone (MIBK)	20	U	20	2.0	ug/L			05/17/22 14:24	2
Methylene Chloride	10	U	10	5.2	ug/L			05/17/22 14:24	2
Styrene	2.0	U	2.0	0.90	ug/L			05/17/22 14:24	2
Tetrachloroethene	2.0	U	2.0	0.88	ug/L			05/17/22 14:24	2

Client Sample ID: SW-050522-SS-004 Lab Sample ID: 240-166223-24

Date Collected: 05/05/22 13:20 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2.0	U	2.0	0.88	ug/L			05/17/22 14:24	2
trans-1,2-Dichloroethene	**4.0**		2.0	1.0	ug/L			05/17/22 14:24	2
trans-1,3-Dichloropropene	2.0	U	2.0	1.3	ug/L			05/17/22 14:24	2
Trichloroethene	2.0	U	2.0	0.88	ug/L			05/17/22 14:24	2
Vinyl chloride	**7.2**		2.0	0.90	ug/L			05/17/22 14:24	2
Xylenes, Total	4.0	U	4.0	0.84	ug/L			05/17/22 14:24	2
Chlorodibromomethane	2.0	U	2.0	0.78	ug/L			05/17/22 14:24	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*05/17/22 14:24*	*2*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*05/17/22 14:24*	*2*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/17/22 14:24*	*2*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/17/22 14:24*	*2*

Client Sample ID: TB-050522-SS-002 Lab Sample ID: 240-166223-25

Date Collected: 05/05/22 16:15 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/17/22 13:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/17/22 13:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/17/22 13:38	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/17/22 13:38	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/17/22 13:38	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/17/22 13:38	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/17/22 13:38	1
2-Hexanone	10	U	10	1.1	ug/L			05/17/22 13:38	1
Acetone	10	U	10	5.4	ug/L			05/17/22 13:38	1
Benzene	1.0	U	1.0	0.42	ug/L			05/17/22 13:38	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/17/22 13:38	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/17/22 13:38	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/17/22 13:38	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/17/22 13:38	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/17/22 13:38	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/17/22 13:38	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/17/22 13:38	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/17/22 13:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/17/22 13:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/17/22 13:38	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/17/22 13:38	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/17/22 13:38	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/17/22 13:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/17/22 13:38	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/17/22 13:38	1
Styrene	1.0	U	1.0	0.45	ug/L			05/17/22 13:38	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/17/22 13:38	1
Toluene	1.0	U	1.0	0.44	ug/L			05/17/22 13:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/17/22 13:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/17/22 13:38	1

Client Sample ID: TB-050522-SS-002 Lab Sample ID: 240-166223-25

Date Collected: 05/05/22 16:15 **Matrix: Water**
Date Received: 05/07/22 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/17/22 13:38	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/17/22 13:38	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/17/22 13:38	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/17/22 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*05/17/22 13:38*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*05/17/22 13:38*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/17/22 13:38*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/17/22 13:38*	*1*

Surrogate Summary

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-166223-1	GW-050222-SS-027	99	100	103	90
240-166223-2	GW-050222-SS-028	100	100	104	92
240-166223-3	GW-050222-SS-029	99	99	101	91
240-166223-4	GW-050222-SS-030	96	98	100	89
240-166223-5	EB-050222-SS-003	101	98	101	90
240-166223-6	GW-050322-SS-031	98	100	102	90
240-166223-7	GW-050322-SS-032	99	100	104	91
240-166223-8	GW-050322-SS-033	99	98	101	92
240-166223-9	GW-050322-SS-034	101	98	102	91
240-166223-10	SW-050322-SS-001	102	100	104	93
240-166223-11	GW-050422-SS-035	100	97	103	91
240-166223-12	GW-050422-SS-036	100	97	102	91
240-166223-13	GW-050422-SS-037	100	99	103	92
240-166223-14	GW-050422-SS-038	98	95	101	91
240-166223-15	SW-050422-SS-003	99	99	104	92
240-166223-16	GW-050522-SS-039	102	98	101	92
240-166223-17	GW-050522-SS-040	100	97	102	91
240-166223-17 MS	GW-050522-SS-040	97	107	105	93
240-166223-17 MSD	GW-050522-SS-040	95	105	104	93
240-166223-18	EB-050522-SS-004	101	99	103	92
240-166223-19	GW-050522-SS-041	100	96	102	92
240-166223-20	GW-050522-SS-042	119	92	98	113
240-166223-21	GW-050522-SS-043	117	90	96	110
240-166223-22	GW-050522-SS-044	115	90	96	110
240-166223-22 MS	GW-050522-SS-044	105	91	97	104
240-166223-22 MSD	GW-050522-SS-044	110	90	95	112
240-166223-23	SW-050522-SS-002	98	101	103	93
240-166223-24	SW-050522-SS-004	97	99	101	91
240-166223-25	TB-050522-SS-002	100	101	103	91
LCS 240-526140/5	Lab Control Sample	96	109	105	93
LCS 240-526533/5	Lab Control Sample	105	99	99	111
LCS 240-526755/5	Lab Control Sample	98	110	106	94
MB 240-526140/8	Method Blank	99	100	103	91
MB 240-526533/9	Method Blank	121	103	101	117
MB 240-526755/8	Method Blank	101	102	103	93

Surrogate Legend

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

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

Lab Sample ID: MB 240-526140/8
Matrix: Water
Analysis Batch: 526140

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 11:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/12/22 11:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/12/22 11:47	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/12/22 11:47	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/22 11:47	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/12/22 11:47	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/12/22 11:47	1
2-Hexanone	10	U	10	1.1	ug/L			05/12/22 11:47	1
Acetone	10	U	10	5.4	ug/L			05/12/22 11:47	1
Benzene	1.0	U	1.0	0.42	ug/L			05/12/22 11:47	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/12/22 11:47	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/12/22 11:47	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/12/22 11:47	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/12/22 11:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/12/22 11:47	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/12/22 11:47	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/12/22 11:47	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/12/22 11:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/22 11:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/12/22 11:47	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/12/22 11:47	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/12/22 11:47	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/12/22 11:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/12/22 11:47	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/12/22 11:47	1
Styrene	1.0	U	1.0	0.45	ug/L			05/12/22 11:47	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 11:47	1
Toluene	1.0	U	1.0	0.44	ug/L			05/12/22 11:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/22 11:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/12/22 11:47	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/22 11:47	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/22 11:47	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/12/22 11:47	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/12/22 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*05/12/22 11:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*05/12/22 11:47*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/12/22 11:47*	*1*
Dibromofluoromethane (Surr)	*91*		*73 - 120*		*05/12/22 11:47*	*1*

Lab Sample ID: LCS 240-526140/5
Matrix: Water
Analysis Batch: 526140

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	19.9		ug/L		100	64 - 131		
1,1,2,2-Tetrachloroethane			20.0	21.3		ug/L		107	58 - 157		

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

Lab Sample ID: LCS 240-526140/5
Matrix: Water
Analysis Batch: 526140

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.3		ug/L		107	70 - 138
1,1-Dichloroethane	20.0	18.9		ug/L		94	72 - 127
1,1-Dichloroethene	20.0	19.6		ug/L		98	63 - 134
1,2-Dichloroethane	20.0	19.0		ug/L		95	66 - 128
1,2-Dichloropropane	20.0	19.2		ug/L		96	75 - 133
2-Hexanone	40.0	46.1		ug/L		115	43 - 167
Acetone	40.0	37.2		ug/L		93	50 - 149
Benzene	20.0	18.9		ug/L		95	77 - 123
Bromoform	20.0	21.8		ug/L		109	57 - 129
Bromomethane	20.0	15.1		ug/L		75	36 - 142
Carbon disulfide	20.0	19.1		ug/L		96	43 - 140
Carbon tetrachloride	20.0	19.4		ug/L		97	55 - 137
Chlorobenzene	20.0	20.3		ug/L		101	80 - 121
Chloroethane	20.0	15.0		ug/L		75	38 - 152
Chloroform	20.0	18.8		ug/L		94	74 - 122
Chloromethane	20.0	16.2		ug/L		81	47 - 143
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	77 - 123
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	64 - 130
Dichlorobromomethane	20.0	19.6		ug/L		98	69 - 126
Ethylbenzene	20.0	21.5		ug/L		108	80 - 121
m-Xylene & p-Xylene	20.0	21.7		ug/L		109	80 - 120
2-Butanone (MEK)	40.0	37.2		ug/L		93	54 - 156
4-Methyl-2-pentanone (MIBK)	40.0	40.9		ug/L		102	46 - 158
Methylene Chloride	20.0	18.7		ug/L		94	71 - 125
o-Xylene	20.0	22.0		ug/L		110	80 - 123
Styrene	20.0	21.8		ug/L		109	80 - 135
Tetrachloroethene	20.0	20.7		ug/L		104	76 - 123
Toluene	20.0	20.5		ug/L		102	80 - 123
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	75 - 124
trans-1,3-Dichloropropene	20.0	22.2		ug/L		111	57 - 129
Trichloroethene	20.0	18.9		ug/L		94	70 - 122
Vinyl chloride	20.0	16.8		ug/L		84	60 - 144
Xylenes, Total	40.0	43.7		ug/L		109	80 - 121
Chlorodibromomethane	20.0	21.7		ug/L		108	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*
4-Bromofluorobenzene (Surr)	*109*		*56 - 136*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*

Lab Sample ID: 240-166223-17 MS
Matrix: Water
Analysis Batch: 526140

Client Sample ID: GW-050522-SS-040
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	40	U	800	716		ug/L		89	60 - 130
1,1,2,2-Tetrachloroethane	40	U	800	863		ug/L		108	54 - 145

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

Lab Sample ID: 240-166223-17 MS **Client Sample ID: GW-050522-SS-040**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 526140

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40	U	800	841		ug/L		105	69 - 131
1,1-Dichloroethane	40	U	800	741		ug/L		93	68 - 125
1,1-Dichloroethene	40	U	800	730		ug/L		91	56 - 135
1,2-Dichloroethane	40	U	800	750		ug/L		94	63 - 126
1,2-Dichloropropane	40	U	800	738		ug/L		92	69 - 130
2-Hexanone	400	U	1600	1840		ug/L		115	35 - 156
Acetone	400	U	1600	1510		ug/L		95	33 - 149
Benzene	40	U	800	729		ug/L		91	64 - 128
Bromoform	40	U	800	816		ug/L		102	47 - 125
Bromomethane	40	U	800	605		ug/L		76	28 - 150
Carbon disulfide	40	U	800	650		ug/L		81	38 - 140
Carbon tetrachloride	40	U	800	717		ug/L		90	51 - 133
Chlorobenzene	40	U	800	770		ug/L		96	74 - 121
Chloroethane	40	U	800	603		ug/L		75	10 - 199
Chloroform	40	U	800	735		ug/L		92	70 - 122
Chloromethane	40	U	800	632		ug/L		79	32 - 149
cis-1,2-Dichloroethene	40	U	800	719		ug/L		90	66 - 128
cis-1,3-Dichloropropene	40	U	800	723		ug/L		90	47 - 125
Dichlorobromomethane	40	U	800	741		ug/L		93	62 - 125
Ethylbenzene	40	U	800	788		ug/L		99	67 - 127
m-Xylene & p-Xylene	80	U	800	800		ug/L		100	71 - 123
2-Butanone (MEK)	400	U	1600	1460		ug/L		91	40 - 151
4-Methyl-2-pentanone (MIBK)	400	U	1600	1580		ug/L		99	31 - 153
Methylene Chloride	200	U	800	749		ug/L		94	62 - 129
o-Xylene	40	U	800	802		ug/L		100	70 - 125
Styrene	40	U	800	822		ug/L		103	70 - 139
Tetrachloroethene	40	U	800	763		ug/L		95	62 - 131
Toluene	40	U	800	775		ug/L		97	58 - 135
trans-1,2-Dichloroethene	40	U	800	731		ug/L		91	56 - 136
trans-1,3-Dichloropropene	40	U	800	809		ug/L		101	47 - 120
Trichloroethene	40	U	800	695		ug/L		87	61 - 124
Vinyl chloride	730		800	1310		ug/L		73	43 - 157
Xylenes, Total	80	U	1600	1600		ug/L		100	71 - 123
Chlorodibromomethane	40	U	800	816		ug/L		102	65 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*

Lab Sample ID: 240-166223-17 MSD **Client Sample ID: GW-050522-SS-040**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 526140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	40	U	800	746		ug/L		93	60 - 130	4	17
1,1,2,2-Tetrachloroethane	40	U	800	862		ug/L		108	54 - 145	0	15

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

Lab Sample ID: 240-166223-17 MSD
Client Sample ID: GW-050522-SS-040
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	40	U	800	845		ug/L		106	69 - 131	0	14
1,1-Dichloroethane	40	U	800	754		ug/L		94	68 - 125	2	13
1,1-Dichloroethene	40	U	800	769		ug/L		96	56 - 135	5	26
1,2-Dichloroethane	40	U	800	752		ug/L		94	63 - 126	0	12
1,2-Dichloropropane	40	U	800	762		ug/L		95	69 - 130	3	13
2-Hexanone	400	U	1600	1860		ug/L		116	35 - 156	1	17
Acetone	400	U	1600	1550		ug/L		97	33 - 149	3	34
Benzene	40	U	800	753		ug/L		94	64 - 128	3	14
Bromoform	40	U	800	848		ug/L		106	47 - 125	4	15
Bromomethane	40	U	800	615		ug/L		77	28 - 150	2	26
Carbon disulfide	40	U	800	702		ug/L		88	38 - 140	8	23
Carbon tetrachloride	40	U	800	748		ug/L		94	51 - 133	4	24
Chlorobenzene	40	U	800	797		ug/L		100	74 - 121	3	14
Chloroethane	40	U	800	619		ug/L		77	10 - 199	3	30
Chloroform	40	U	800	747		ug/L		93	70 - 122	2	14
Chloromethane	40	U	800	649		ug/L		81	32 - 149	3	27
cis-1,2-Dichloroethene	40	U	800	740		ug/L		93	66 - 128	3	14
cis-1,3-Dichloropropene	40	U	800	748		ug/L		93	47 - 125	3	13
Dichlorobromomethane	40	U	800	767		ug/L		96	62 - 125	3	13
Ethylbenzene	40	U	800	815		ug/L		102	67 - 127	3	15
m-Xylene & p-Xylene	80	U	800	820		ug/L		102	71 - 123	2	16
2-Butanone (MEK)	400	U	1600	1490		ug/L		93	40 - 151	2	20
4-Methyl-2-pentanone (MIBK)	400	U	1600	1600		ug/L		100	31 - 153	1	15
Methylene Chloride	200	U	800	757		ug/L		95	62 - 129	1	17
o-Xylene	40	U	800	836		ug/L		104	70 - 125	4	15
Styrene	40	U	800	845		ug/L		106	70 - 139	3	18
Tetrachloroethene	40	U	800	785		ug/L		98	62 - 131	3	20
Toluene	40	U	800	810		ug/L		101	58 - 135	4	14
trans-1,2-Dichloroethene	40	U	800	746		ug/L		93	56 - 136	2	15
trans-1,3-Dichloropropene	40	U	800	828		ug/L		104	47 - 120	2	14
Trichloroethene	40	U	800	728		ug/L		91	61 - 124	5	15
Vinyl chloride	730		800	1360		ug/L		80	43 - 157	4	24
Xylenes, Total	80	U	1600	1660		ug/L		104	71 - 123	3	15
Chlorodibromomethane	40	U	800	835		ug/L		104	65 - 120	2	13

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*105*		*56 - 136*
Toluene-d8 (Surr)	*104*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*

Lab Sample ID: MB 240-526533/9
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 12:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/16/22 12:37	1

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

Lab Sample ID: MB 240-526533/9
Matrix: Water
Analysis Batch: 526533

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/16/22 12:37	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/16/22 12:37	1
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/16/22 12:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/16/22 12:37	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/16/22 12:37	1
2-Hexanone	10	U	10	1.1	ug/L			05/16/22 12:37	1
Acetone	10	U	10	5.4	ug/L			05/16/22 12:37	1
Benzene	1.0	U	1.0	0.42	ug/L			05/16/22 12:37	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/16/22 12:37	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/16/22 12:37	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/16/22 12:37	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/16/22 12:37	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/16/22 12:37	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/16/22 12:37	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/16/22 12:37	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/16/22 12:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/22 12:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/16/22 12:37	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/16/22 12:37	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/16/22 12:37	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/16/22 12:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/16/22 12:37	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/16/22 12:37	1
Styrene	1.0	U	1.0	0.45	ug/L			05/16/22 12:37	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 12:37	1
Toluene	1.0	U	1.0	0.44	ug/L			05/16/22 12:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/22 12:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/16/22 12:37	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/22 12:37	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/22 12:37	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/16/22 12:37	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/16/22 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*62 - 137*		*05/16/22 12:37*	*1*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*		*05/16/22 12:37*	*1*
Toluene-d8 (Surr)	*101*		*78 - 122*		*05/16/22 12:37*	*1*
Dibromofluoromethane (Surr)	*117*		*73 - 120*		*05/16/22 12:37*	*1*

Lab Sample ID: LCS 240-526533/5
Matrix: Water
Analysis Batch: 526533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	64 - 131
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	58 - 157
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	70 - 138
1,1-Dichloroethane	20.0	20.6		ug/L		103	72 - 127

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

Lab Sample ID: LCS 240-526533/5
Matrix: Water
Analysis Batch: 526533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	20.6		ug/L		103	63 - 134
1,2-Dichloroethane	20.0	19.9		ug/L		99	66 - 128
1,2-Dichloropropane	20.0	19.6		ug/L		98	75 - 133
2-Hexanone	40.0	37.0		ug/L		93	43 - 167
Acetone	40.0	31.0		ug/L		77	50 - 149
Benzene	20.0	19.5		ug/L		97	77 - 123
Bromoform	20.0	19.2		ug/L		96	57 - 129
Bromomethane	20.0	17.5		ug/L		88	36 - 142
Carbon disulfide	20.0	20.2		ug/L		101	43 - 140
Carbon tetrachloride	20.0	21.6		ug/L		108	55 - 137
Chlorobenzene	20.0	18.7		ug/L		93	80 - 121
Chloroethane	20.0	17.4		ug/L		87	38 - 152
Chloroform	20.0	20.7		ug/L		104	74 - 122
Chloromethane	20.0	16.5		ug/L		83	47 - 143
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	77 - 123
cis-1,3-Dichloropropene	20.0	18.1		ug/L		90	64 - 130
Dichlorobromomethane	20.0	19.0		ug/L		95	69 - 126
Ethylbenzene	20.0	18.9		ug/L		95	80 - 121
m-Xylene & p-Xylene	20.0	18.9		ug/L		95	80 - 120
2-Butanone (MEK)	40.0	38.8		ug/L		97	54 - 156
4-Methyl-2-pentanone (MIBK)	40.0	37.7		ug/L		94	46 - 158
Methylene Chloride	20.0	22.6		ug/L		113	71 - 125
o-Xylene	20.0	20.1		ug/L		101	80 - 123
Styrene	20.0	18.6		ug/L		93	80 - 135
Tetrachloroethene	20.0	18.7		ug/L		94	76 - 123
Toluene	20.0	18.5		ug/L		93	80 - 123
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	75 - 124
trans-1,3-Dichloropropene	20.0	18.5		ug/L		92	57 - 129
Trichloroethene	20.0	18.5		ug/L		93	70 - 122
Vinyl chloride	20.0	18.2		ug/L		91	60 - 144
Xylenes, Total	40.0	39.0		ug/L		98	80 - 121
Chlorodibromomethane	20.0	19.2		ug/L		96	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*111*		*73 - 120*

Lab Sample ID: 240-166223-22 MS
Matrix: Water
Analysis Batch: 526533

Client Sample ID: GW-050522-SS-044
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.7		ug/L		98	60 - 130
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.3		ug/L		102	54 - 145
1,1,2-Trichloroethane	1.0	U	20.0	19.7		ug/L		98	69 - 131
1,1-Dichloroethane	1.0	U	20.0	20.3		ug/L		101	68 - 125

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

Lab Sample ID: 240-166223-22 MS
Client Sample ID: GW-050522-SS-044
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	20.0	20.4		ug/L		102	56 - 135
1,2-Dichloroethane	1.0	U	20.0	20.3		ug/L		102	63 - 126
1,2-Dichloropropane	1.0	U	20.0	19.6		ug/L		98	69 - 130
2-Hexanone	10	U	40.0	37.9		ug/L		95	35 - 156
Acetone	10	U	40.0	31.0		ug/L		77	33 - 149
Benzene	1.0	U	20.0	19.3		ug/L		96	64 - 128
Bromoform	1.0	U	20.0	17.4		ug/L		87	47 - 125
Bromomethane	1.0	U	20.0	17.6		ug/L		88	28 - 150
Carbon disulfide	1.0	U	20.0	19.5		ug/L		97	38 - 140
Carbon tetrachloride	1.0	U	20.0	20.1		ug/L		100	51 - 133
Chlorobenzene	1.0	U	20.0	18.3		ug/L		92	74 - 121
Chloroethane	1.0	U	20.0	17.8		ug/L		89	10 - 199
Chloroform	0.54	J	20.0	20.7		ug/L		101	70 - 122
Chloromethane	1.0	U	20.0	16.8		ug/L		84	32 - 149
cis-1,2-Dichloroethene	1.0	U	20.0	19.5		ug/L		98	66 - 128
cis-1,3-Dichloropropene	1.0	U	20.0	17.6		ug/L		88	47 - 125
Dichlorobromomethane	0.21	J	20.0	19.1		ug/L		94	62 - 125
Ethylbenzene	1.0	U	20.0	18.5		ug/L		93	67 - 127
m-Xylene & p-Xylene	2.0	U	20.0	18.5		ug/L		93	71 - 123
2-Butanone (MEK)	1.9	J	40.0	44.7		ug/L		107	40 - 151
4-Methyl-2-pentanone (MIBK)	10	U	40.0	38.6		ug/L		96	31 - 153
Methylene Chloride	5.0	U	20.0	22.2		ug/L		111	62 - 129
o-Xylene	1.0	U	20.0	19.3		ug/L		97	70 - 125
Styrene	1.0	U	20.0	18.0		ug/L		90	70 - 139
Tetrachloroethene	1.0	U	20.0	18.2		ug/L		91	62 - 131
Toluene	1.0	U	20.0	18.6		ug/L		93	58 - 135
trans-1,2-Dichloroethene	1.0	U	20.0	20.3		ug/L		101	56 - 136
trans-1,3-Dichloropropene	1.0	U	20.0	17.8		ug/L		89	47 - 120
Trichloroethene	1.0	U	20.0	18.1		ug/L		91	61 - 124
Vinyl chloride	1.0	U	20.0	18.2		ug/L		91	43 - 157
Xylenes, Total	2.0	U	40.0	37.8		ug/L		95	71 - 123
Chlorodibromomethane	1.0	U	20.0	18.4		ug/L		92	65 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*
4-Bromofluorobenzene (Surr)	*91*		*56 - 136*
Toluene-d8 (Surr)	*97*		*78 - 122*
Dibromofluoromethane (Surr)	*104*		*73 - 120*

Lab Sample ID: 240-166223-22 MSD
Client Sample ID: GW-050522-SS-044
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	60 - 130	4	17
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.1		ug/L		106	54 - 145	4	15
1,1,2-Trichloroethane	1.0	U	20.0	20.3		ug/L		102	69 - 131	3	14
1,1-Dichloroethane	1.0	U	20.0	20.9		ug/L		104	68 - 125	3	13

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

Lab Sample ID: 240-166223-22 MSD
Client Sample ID: GW-050522-SS-044
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	1.0	U	20.0	20.7		ug/L		104	56 - 135	1	26
1,2-Dichloroethane	1.0	U	20.0	21.5		ug/L		107	63 - 126	5	12
1,2-Dichloropropane	1.0	U	20.0	19.6		ug/L		98	69 - 130	0	13
2-Hexanone	10	U	40.0	39.0		ug/L		97	35 - 156	3	17
Acetone	10	U	40.0	35.8		ug/L		90	33 - 149	15	34
Benzene	1.0	U	20.0	19.8		ug/L		99	64 - 128	2	14
Bromoform	1.0	U	20.0	18.6		ug/L		93	47 - 125	7	15
Bromomethane	1.0	U	20.0	17.3		ug/L		86	28 - 150	2	26
Carbon disulfide	1.0	U	20.0	20.1		ug/L		101	38 - 140	3	23
Carbon tetrachloride	1.0	U	20.0	21.0		ug/L		105	51 - 133	4	24
Chlorobenzene	1.0	U	20.0	18.4		ug/L		92	74 - 121	1	14
Chloroethane	1.0	U	20.0	17.6		ug/L		88	10 - 199	1	30
Chloroform	0.54	J	20.0	21.3		ug/L		104	70 - 122	3	14
Chloromethane	1.0	U	20.0	16.7		ug/L		84	32 - 149	0	27
cis-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	66 - 128	5	14
cis-1,3-Dichloropropene	1.0	U	20.0	17.9		ug/L		89	47 - 125	1	13
Dichlorobromomethane	0.21	J	20.0	19.3		ug/L		96	62 - 125	1	13
Ethylbenzene	1.0	U	20.0	19.0		ug/L		95	67 - 127	3	15
m-Xylene & p-Xylene	2.0	U	20.0	19.0		ug/L		95	71 - 123	2	16
2-Butanone (MEK)	1.9	J	40.0	40.6		ug/L		97	40 - 151	10	20
4-Methyl-2-pentanone (MIBK)	10	U	40.0	41.0		ug/L		103	31 - 153	6	15
Methylene Chloride	5.0	U	20.0	23.7		ug/L		119	62 - 129	7	17
o-Xylene	1.0	U	20.0	19.9		ug/L		100	70 - 125	3	15
Styrene	1.0	U	20.0	18.5		ug/L		92	70 - 139	3	18
Tetrachloroethene	1.0	U	20.0	18.4		ug/L		92	62 - 131	1	20
Toluene	1.0	U	20.0	18.6		ug/L		93	58 - 135	0	14
trans-1,2-Dichloroethene	1.0	U	20.0	20.9		ug/L		104	56 - 136	3	15
trans-1,3-Dichloropropene	1.0	U	20.0	18.2		ug/L		91	47 - 120	2	14
Trichloroethene	1.0	U	20.0	18.4		ug/L		92	61 - 124	1	15
Vinyl chloride	1.0	U	20.0	17.7		ug/L		89	43 - 157	2	24
Xylenes, Total	2.0	U	40.0	38.9		ug/L		97	71 - 123	3	15
Chlorodibromomethane	1.0	U	20.0	19.2		ug/L		96	65 - 120	4	13

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*112*		*73 - 120*

Lab Sample ID: MB 240-526755/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 526755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/17/22 13:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60	ug/L			05/17/22 13:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.48	ug/L			05/17/22 13:16	1
1,1-Dichloroethane	1.0	U	1.0	0.47	ug/L			05/17/22 13:16	1

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

Lab Sample ID: MB 240-526755/8
Matrix: Water
Analysis Batch: 526755

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/17/22 13:16	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			05/17/22 13:16	1
1,2-Dichloropropane	1.0	U	1.0	0.47	ug/L			05/17/22 13:16	1
2-Hexanone	10	U	10	1.1	ug/L			05/17/22 13:16	1
Acetone	10	U	10	5.4	ug/L			05/17/22 13:16	1
Benzene	1.0	U	1.0	0.42	ug/L			05/17/22 13:16	1
Bromoform	1.0	U	1.0	0.76	ug/L			05/17/22 13:16	1
Bromomethane	1.0	U	1.0	0.42	ug/L			05/17/22 13:16	1
Carbon disulfide	1.0	U	1.0	0.59	ug/L			05/17/22 13:16	1
Carbon tetrachloride	1.0	U	1.0	0.26	ug/L			05/17/22 13:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/17/22 13:16	1
Chloroethane	1.0	U	1.0	0.83	ug/L			05/17/22 13:16	1
Chloroform	1.0	U	1.0	0.47	ug/L			05/17/22 13:16	1
Chloromethane	1.0	U	1.0	0.63	ug/L			05/17/22 13:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/17/22 13:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.61	ug/L			05/17/22 13:16	1
Dichlorobromomethane	1.0	U	1.0	0.17	ug/L			05/17/22 13:16	1
Ethylbenzene	1.0	U	1.0	0.42	ug/L			05/17/22 13:16	1
2-Butanone (MEK)	10	U	10	1.2	ug/L			05/17/22 13:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			05/17/22 13:16	1
Methylene Chloride	5.0	U	5.0	2.6	ug/L			05/17/22 13:16	1
Styrene	1.0	U	1.0	0.45	ug/L			05/17/22 13:16	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/17/22 13:16	1
Toluene	1.0	U	1.0	0.44	ug/L			05/17/22 13:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/17/22 13:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.67	ug/L			05/17/22 13:16	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/17/22 13:16	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/17/22 13:16	1
Xylenes, Total	2.0	U	2.0	0.42	ug/L			05/17/22 13:16	1
Chlorodibromomethane	1.0	U	1.0	0.39	ug/L			05/17/22 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*05/17/22 13:16*	*1*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*		*05/17/22 13:16*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*05/17/22 13:16*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*05/17/22 13:16*	*1*

Lab Sample ID: LCS 240-526755/5
Matrix: Water
Analysis Batch: 526755

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	64 - 131
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		111	58 - 157
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	70 - 138
1,1-Dichloroethane	20.0	19.7		ug/L		99	72 - 127
1,1-Dichloroethene	20.0	21.1		ug/L		105	63 - 134
1,2-Dichloroethane	20.0	19.4		ug/L		97	66 - 128

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

Lab Sample ID: LCS 240-526755/5
Matrix: Water
Analysis Batch: 526755

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	20.0	19.9		ug/L		100	75 - 133
2-Hexanone	40.0	47.9		ug/L		120	43 - 167
Acetone	40.0	38.5		ug/L		96	50 - 149
Benzene	20.0	19.6		ug/L		98	77 - 123
Bromoform	20.0	22.3		ug/L		111	57 - 129
Bromomethane	20.0	15.4		ug/L		77	36 - 142
Carbon disulfide	20.0	20.4		ug/L		102	43 - 140
Carbon tetrachloride	20.0	21.2		ug/L		106	55 - 137
Chlorobenzene	20.0	20.8		ug/L		104	80 - 121
Chloroethane	20.0	15.3		ug/L		77	38 - 152
Chloroform	20.0	19.3		ug/L		97	74 - 122
Chloromethane	20.0	16.8		ug/L		84	47 - 143
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	77 - 123
cis-1,3-Dichloropropene	20.0	21.3		ug/L		106	64 - 130
Dichlorobromomethane	20.0	20.2		ug/L		101	69 - 126
Ethylbenzene	20.0	22.2		ug/L		111	80 - 121
m-Xylene & p-Xylene	20.0	22.3		ug/L		111	80 - 120
2-Butanone (MEK)	40.0	38.4		ug/L		96	54 - 156
4-Methyl-2-pentanone (MIBK)	40.0	42.2		ug/L		106	46 - 158
Methylene Chloride	20.0	19.5		ug/L		97	71 - 125
o-Xylene	20.0	22.5		ug/L		112	80 - 123
Styrene	20.0	22.3		ug/L		112	80 - 135
Tetrachloroethene	20.0	21.3		ug/L		106	76 - 123
Toluene	20.0	21.0		ug/L		105	80 - 123
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	75 - 124
trans-1,3-Dichloropropene	20.0	22.9		ug/L		115	57 - 129
Trichloroethene	20.0	19.6		ug/L		98	70 - 122
Vinyl chloride	20.0	17.5		ug/L		88	60 - 144
Xylenes, Total	40.0	44.8		ug/L		112	80 - 121
Chlorodibromomethane	20.0	22.2		ug/L		111	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*110*		*56 - 136*
Toluene-d8 (Surr)	*106*		*78 - 122*
Dibromofluoromethane (Surr)	*94*		*73 - 120*

QC Association Summary

Client: GHD Services Inc.
Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

GC/MS VOA

Analysis Batch: 526140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-166223-1	GW-050222-SS-027	Total/NA	Water	8260D	
240-166223-2	GW-050222-SS-028	Total/NA	Water	8260D	
240-166223-3	GW-050222-SS-029	Total/NA	Water	8260D	
240-166223-4	GW-050222-SS-030	Total/NA	Water	8260D	
240-166223-5	EB-050222-SS-003	Total/NA	Water	8260D	
240-166223-6	GW-050322-SS-031	Total/NA	Water	8260D	
240-166223-7	GW-050322-SS-032	Total/NA	Water	8260D	
240-166223-8	GW-050322-SS-033	Total/NA	Water	8260D	
240-166223-9	GW-050322-SS-034	Total/NA	Water	8260D	
240-166223-10	SW-050322-SS-001	Total/NA	Water	8260D	
240-166223-11	GW-050422-SS-035	Total/NA	Water	8260D	
240-166223-12	GW-050422-SS-036	Total/NA	Water	8260D	
240-166223-13	GW-050422-SS-037	Total/NA	Water	8260D	
240-166223-14	GW-050422-SS-038	Total/NA	Water	8260D	
240-166223-15	SW-050422-SS-003	Total/NA	Water	8260D	
240-166223-16	GW-050522-SS-039	Total/NA	Water	8260D	
240-166223-17	GW-050522-SS-040	Total/NA	Water	8260D	
240-166223-18	EB-050522-SS-004	Total/NA	Water	8260D	
240-166223-19	GW-050522-SS-041	Total/NA	Water	8260D	
MB 240-526140/8	Method Blank	Total/NA	Water	8260D	
LCS 240-526140/5	Lab Control Sample	Total/NA	Water	8260D	
240-166223-17 MS	GW-050522-SS-040	Total/NA	Water	8260D	
240-166223-17 MSD	GW-050522-SS-040	Total/NA	Water	8260D	

Analysis Batch: 526533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-166223-20	GW-050522-SS-042	Total/NA	Water	8260D	
240-166223-21	GW-050522-SS-043	Total/NA	Water	8260D	
240-166223-22	GW-050522-SS-044	Total/NA	Water	8260D	
MB 240-526533/9	Method Blank	Total/NA	Water	8260D	
LCS 240-526533/5	Lab Control Sample	Total/NA	Water	8260D	
240-166223-22 MS	GW-050522-SS-044	Total/NA	Water	8260D	
240-166223-22 MSD	GW-050522-SS-044	Total/NA	Water	8260D	

Analysis Batch: 526755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-166223-23	SW-050522-SS-002	Total/NA	Water	8260D	
240-166223-24	SW-050522-SS-004	Total/NA	Water	8260D	
240-166223-25	TB-050522-SS-002	Total/NA	Water	8260D	
MB 240-526755/8	Method Blank	Total/NA	Water	8260D	
LCS 240-526755/5	Lab Control Sample	Total/NA	Water	8260D	

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-050222-SS-027 — Lab Sample ID: 240-166223-1

Date Collected: 05/02/22 11:40 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 12:31	TJL1	TAL CAN

Client Sample ID: GW-050222-SS-028 — Lab Sample ID: 240-166223-2

Date Collected: 05/02/22 13:45 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 12:54	TJL1	TAL CAN

Client Sample ID: GW-050222-SS-029 — Lab Sample ID: 240-166223-3

Date Collected: 05/02/22 15:40 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	526140	05/12/22 13:16	TJL1	TAL CAN

Client Sample ID: GW-050222-SS-030 — Lab Sample ID: 240-166223-4

Date Collected: 05/02/22 17:05 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 13:38	TJL1	TAL CAN

Client Sample ID: EB-050222-SS-003 — Lab Sample ID: 240-166223-5

Date Collected: 05/02/22 11:55 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 14:01	TJL1	TAL CAN

Client Sample ID: GW-050322-SS-031 — Lab Sample ID: 240-166223-6

Date Collected: 05/03/22 11:40 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 14:23	TJL1	TAL CAN

Client Sample ID: GW-050322-SS-032 — Lab Sample ID: 240-166223-7

Date Collected: 05/03/22 12:55 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 14:46	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-050322-SS-033 — Lab Sample ID: 240-166223-8

Date Collected: 05/03/22 15:05 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 15:08	TJL1	TAL CAN

Client Sample ID: GW-050322-SS-034 — Lab Sample ID: 240-166223-9

Date Collected: 05/03/22 16:35 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 15:31	TJL1	TAL CAN

Client Sample ID: SW-050322-SS-001 — Lab Sample ID: 240-166223-10

Date Collected: 05/03/22 15:45 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 15:53	TJL1	TAL CAN

Client Sample ID: GW-050422-SS-035 — Lab Sample ID: 240-166223-11

Date Collected: 05/04/22 10:10 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 16:15	TJL1	TAL CAN

Client Sample ID: GW-050422-SS-036 — Lab Sample ID: 240-166223-12

Date Collected: 05/04/22 11:05 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	526140	05/12/22 16:38	TJL1	TAL CAN

Client Sample ID: GW-050422-SS-037 — Lab Sample ID: 240-166223-13

Date Collected: 05/04/22 12:10 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	526140	05/12/22 17:00	TJL1	TAL CAN

Client Sample ID: GW-050422-SS-038 — Lab Sample ID: 240-166223-14

Date Collected: 05/04/22 12:15 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		250	526140	05/12/22 17:23	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: SW-050422-SS-003 — Lab Sample ID: 240-166223-15

Date Collected: 05/04/22 13:05 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 17:45	TJL1	TAL CAN

Client Sample ID: GW-050522-SS-039 — Lab Sample ID: 240-166223-16

Date Collected: 05/05/22 09:35 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 18:07	TJL1	TAL CAN

Client Sample ID: GW-050522-SS-040 — Lab Sample ID: 240-166223-17

Date Collected: 05/05/22 10:40 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		40	526140	05/12/22 18:30	TJL1	TAL CAN

Client Sample ID: EB-050522-SS-004 — Lab Sample ID: 240-166223-18

Date Collected: 05/05/22 10:50 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 18:53	TJL1	TAL CAN

Client Sample ID: GW-050522-SS-041 — Lab Sample ID: 240-166223-19

Date Collected: 05/05/22 11:40 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526140	05/12/22 19:15	TJL1	TAL CAN

Client Sample ID: GW-050522-SS-042 — Lab Sample ID: 240-166223-20

Date Collected: 05/05/22 13:00 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	526533	05/16/22 20:02	TJL1	TAL CAN

Client Sample ID: GW-050522-SS-043 — Lab Sample ID: 240-166223-21

Date Collected: 05/05/22 14:05 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526533	05/16/22 20:24	TJL1	TAL CAN

Lab Chronicle

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Client Sample ID: GW-050522-SS-044 Lab Sample ID: 240-166223-22

Date Collected: 05/05/22 15:45 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526533	05/16/22 20:46	TJL1	TAL CAN

Client Sample ID: SW-050522-SS-002 Lab Sample ID: 240-166223-23

Date Collected: 05/05/22 13:15 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		2	526755	05/17/22 14:01	TJL1	TAL CAN

Client Sample ID: SW-050522-SS-004 Lab Sample ID: 240-166223-24

Date Collected: 05/05/22 13:20 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		2	526755	05/17/22 14:24	TJL1	TAL CAN

Client Sample ID: TB-050522-SS-002 Lab Sample ID: 240-166223-25

Date Collected: 05/05/22 16:15 **Matrix: Water**
Date Received: 05/07/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	526755	05/17/22 13:38	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Laboratory: Eurofins Canton

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-22
Georgia	State	4062	02-23-22 *
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-22-16	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GHD Services Inc. Job ID: 240-166223-1
Project/Site: 11209506, MLK - Anderson, IN

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: GHD Services Inc.
Project/Site: 11209506, MLK - Anderson, IN

Job ID: 240-166223-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-166223-1	GW-050222-SS-027	Water	05/02/22 11:40	05/07/22 09:45
240-166223-2	GW-050222-SS-028	Water	05/02/22 13:45	05/07/22 09:45
240-166223-3	GW-050222-SS-029	Water	05/02/22 15:40	05/07/22 09:45
240-166223-4	GW-050222-SS-030	Water	05/02/22 17:05	05/07/22 09:45
240-166223-5	EB-050222-SS-003	Water	05/02/22 11:55	05/07/22 09:45
240-166223-6	GW-050322-SS-031	Water	05/03/22 11:40	05/07/22 09:45
240-166223-7	GW-050322-SS-032	Water	05/03/22 12:55	05/07/22 09:45
240-166223-8	GW-050322-SS-033	Water	05/03/22 15:05	05/07/22 09:45
240-166223-9	GW-050322-SS-034	Water	05/03/22 16:35	05/07/22 09:45
240-166223-10	SW-050322-SS-001	Water	05/03/22 15:45	05/07/22 09:45
240-166223-11	GW-050422-SS-035	Water	05/04/22 10:10	05/07/22 09:45
240-166223-12	GW-050422-SS-036	Water	05/04/22 11:05	05/07/22 09:45
240-166223-13	GW-050422-SS-037	Water	05/04/22 12:10	05/07/22 09:45
240-166223-14	GW-050422-SS-038	Water	05/04/22 12:15	05/07/22 09:45
240-166223-15	SW-050422-SS-003	Water	05/04/22 13:05	05/07/22 09:45
240-166223-16	GW-050522-SS-039	Water	05/05/22 09:35	05/07/22 09:45
240-166223-17	GW-050522-SS-040	Water	05/05/22 10:40	05/07/22 09:45
240-166223-18	EB-050522-SS-004	Water	05/05/22 10:50	05/07/22 09:45
240-166223-19	GW-050522-SS-041	Water	05/05/22 11:40	05/07/22 09:45
240-166223-20	GW-050522-SS-042	Water	05/05/22 13:00	05/07/22 09:45
240-166223-21	GW-050522-SS-043	Water	05/05/22 14:05	05/07/22 09:45
240-166223-22	GW-050522-SS-044	Water	05/05/22 15:45	05/07/22 09:45
240-166223-23	SW-050522-SS-002	Water	05/05/22 13:15	05/07/22 09:45
240-166223-24	SW-050522-SS-004	Water	05/05/22 13:20	05/07/22 09:45
240-166223-25	TB-050522-SS-002	Water	05/05/22 16:15	05/07/22 09:45

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX12 Analysis Batch Number: 526135

Lab Sample ID: STD8260 240-526135/9 IC Client Sample ID:

Date Analyzed: 05/12/22 11:38 Lab File ID: u1290533.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	5.26	Invalid Compound ID	laveyt	05/12/22 14:51
1,2-Dichloroethane-d4 (Surr)		Invalid Compound ID	laveyt	05/12/22 13:21
2-Methyl-2-propanol		Invalid Compound ID	laveyt	05/12/22 14:56
4-Bromofluorobenzene (Surr)		Invalid Compound ID	laveyt	05/12/22 13:21
Acetone		Invalid Compound ID	laveyt	05/12/22 13:21
Dibromofluoromethane (Surr)		Invalid Compound ID	laveyt	05/12/22 13:21
Methylene Chloride		Invalid Compound ID	laveyt	05/12/22 13:21
Toluene-d8 (Surr)		Invalid Compound ID	laveyt	05/12/22 13:21

Lab Sample ID: STD8260 240-526135/10 I Client Sample ID:

Date Analyzed: 05/12/22 12:01 Lab File ID: u1290534.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Heptane	5.96	Peak assignment corrected	laveyt	05/12/22 13:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX12 Analysis Batch Number: 526533

Lab Sample ID: 240-166223-20 Client Sample ID: GW-050522-SS-042

Date Analyzed: 05/16/22 20:02 Lab File ID: u1290611.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/17/22 08:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 524469

Lab Sample ID: STD8260 240-524469/9 IC Client Sample ID:

Date Analyzed: 04/29/22 11:07 Lab File ID: U1927189.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	laveyt	04/29/22 14:19
Methylene Chloride		Invalid Compound ID	laveyt	04/29/22 14:19
n-Heptane		Invalid Compound ID	laveyt	04/29/22 14:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 526140

Lab Sample ID: 240-166223-3 Client Sample ID: GW-050222-SS-029

Date Analyzed: 05/12/22 13:16 Lab File ID: U1927465.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/12/22 15:02

Lab Sample ID: 240-166223-10 Client Sample ID: SW-050322-SS-001

Date Analyzed: 05/12/22 15:53 Lab File ID: U1927472.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Hexanone		Invalid Compound ID	laveyt	05/13/22 08:49

Lab Sample ID: 240-166223-13 Client Sample ID: GW-050422-SS-037

Date Analyzed: 05/12/22 17:00 Lab File ID: U1927475.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/13/22 08:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Analysis Batch Number: 526755

Lab Sample ID: 240-166223-24 Client Sample ID: SW-050522-SS-004

Date Analyzed: 05/17/22 14:24 Lab File ID: U1927558.D GC Column: DB-624 ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	laveyt	05/17/22 15:03

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
vm50is_stk_A_00011	09/18/22	03/18/22	MEOH, Lot 273166	50 mL	vm30241_00008	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.vm30241_00008	10/31/24		restek, Lot A0154377		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00473	05/18/22	05/11/22	MEOH, Lot na	5 mL	vm50ss_stk_00090	5 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00090	06/20/22	12/20/21	MEOH, Lot 0000273166	200 mL	VM567650_00035	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00035	11/30/23		Restek, Lot A0143613		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00091	06/20/22	12/20/21	MEOH, Lot 0000273166	200 mL	VM567650_00035	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00035	11/30/23		Restek, Lot A0143613		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vmarolistdw_00435	05/04/22	04/27/22	MEOH, Lot na	5 mL	VMACROLSTD_00106	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00106	05/27/22	04/27/22	MEOH, Lot 0000273166	20 mL	VM568720_00042	0.25 mL	Acrolein	250 ug/mL
..VM568720_00042	02/28/23		restek, Lot A0175809		(Purchased Reagent)		Acrolein	20000 ug/mL
vmarolistdw_00436	05/12/22	05/05/22	MEOH, Lot na	5 mL	VMACROLSTD_00106	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00106	05/27/22	04/27/22	MEOH, Lot 0000273166	20 mL	VM568720_00042	0.25 mL	Acrolein	250 ug/mL
..VM568720_00042	02/28/23		restek, Lot A0175809		(Purchased Reagent)		Acrolein	20000 ug/mL
vmbfb_00028							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
					vm30026_00003	1.25 mL	BFB	50 ug/mL
.vm30026_00003	08/31/23		restek, Lot A0141187		(Purchased Reagent)		BFB	2000 ug/mL
VMFASGW_00452	05/04/22	04/27/22	MEOH, Lot NA	5 mL	VMFASG_00118	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00118	05/27/22	04/27/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00453	05/12/22	05/05/22	MEOH, Lot NA	5 mL	VMFASG_00118	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00118	05/27/22	04/27/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00454	05/20/22	05/13/22	MEOH, Lot NA	5 mL	VMFASG_00118	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00118	05/27/22	04/27/22	MEOH, Lot 0000273166	50 mL	vm569722S_00010	1 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00010	04/30/23		Restek, Lot A0159768		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASPW_00442	05/06/22	04/29/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM569721S_00007	01/31/24		Restek, Lot A0167967		(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
..VM571992S_00008	06/30/23		Restek, Lot A0167172		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMFASPW_00443	05/16/22	05/09/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967		(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
..VM571992S_00008	06/30/23		Restek, Lot A0167172		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMFASPW_00444	05/23/22	05/16/22	MEOH, Lot n/a	5 mL	VMRFASP_00081	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00081	09/30/22	04/29/22	MEOH, Lot 0000273166	100 mL	VM569721S_00007	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM571992S_00008	2 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00007	01/31/24		Restek, Lot A0167967		(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
..VM571992S_00008	06/30/23		Restek, Lot A0167172		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
vmrgas_00424	05/01/22	04/24/22	MEOH, Lot 0000273166	10 mL	vm569722_00020	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00020	04/30/24		Restek, Lot A0171131		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
vmrgas_00426	05/17/22	05/10/22	MEOH, Lot 0000273166	10 mL	vm569722_00020	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00020	04/30/24		Restek, Lot A0171131		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
vmrprimw_00479	04/29/22	04/22/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723_00010	2 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00026	0.5 mL	Vinyl acetate	50 ug/mL
					VM571992_00005	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956		(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
..VM569723_00010	09/30/24		restek, Lot A0176827		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00026	07/31/22		Restek, Lot A0168154		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
VMRPRIMW_00479	04/29/22	04/22/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM571992_00005	1 mL	Xylenes, Total	100 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
vmrprimw_00481	05/16/22	05/09/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

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	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
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723_00010	2 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM569724_00026	0.5 mL	Vinyl acetate	50 ug/mL
					VM571992_00005	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956		(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
..VM569723_00010	09/30/24		restek, Lot A0176827		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00026	07/31/22		Restek, Lot A0168154		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
VMRPRIMW_00481	05/16/22	05/09/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM571992_00005	1 mL	Xylenes, Total	100 ug/mL
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
VMRPRIMW_00482	05/23/22	05/16/22	MEOH, Lot NA	5 mL	VMRPRIM_00055	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRPRIM_00055	07/31/22	02/25/22	MEOH, Lot 0000273166	50 mL	VM569721_00007	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM571992_00005	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	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
							Dichlorobromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721_00007	09/30/22		Restek, Lot A0152956		(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
..VM571992_00005	10/31/22		Restek, Lot A0159680		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL

Reagent

vm30026_00003

Rec: 11/28/18
VM30026-00003

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30026 **Lot No.:** A0141187

Description : 4-Bromofluorobenzene Mixture

4-Bromofluorobenzene 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1-Bromo-4-fluorobenzene (BFB)	2,004.7 µg/mL	+/- 11.7645	µg/mL	Gravimetric
	CAS # 460-00-4 (Lot 20401KO)		+/- 112.4110	µg/mL	Unstressed
	Purity 99%		+/- 115.0408	µg/mL	Stressed

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

Reagent

VM567650_00035

Rec: 12/4/19
VM567650_00035

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

Catalog No. : 567650 **Lot No.:** A0143613

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dibromofluoromethane **CAS #** 1868-53-7 (Lot 0012017) **Purity** 99%	2,506.4 µg/mL	+/- 14.5724 µg/mL +/- 140.5314 µg/mL +/- 143.8196 µg/mL	Gravimetric Unstressed Stressed
2	1,2-Dichloroethane-d4 **CAS #** 17060-07-0 (Lot PR-29377) **Purity** 99%	2,503.8 µg/mL	+/- 14.5570 µg/mL +/- 140.3828 µg/mL +/- 143.6676 µg/mL	Gravimetric Unstressed Stressed
3	Toluene-d8 **CAS #** 2037-26-5 (Lot PR-27311) **Purity** 99%	2,512.2 µg/mL	+/- 14.6059 µg/mL +/- 140.8538 µg/mL +/- 144.1496 µg/mL	Gravimetric Unstressed Stressed
4	1-Bromo-4-fluorobenzene (BFB) **CAS #** 460-00-4 (Lot 20401KO) **Purity** 99%	2,501.8 µg/mL	+/- 14.5457 µg/mL +/- 140.2734 µg/mL +/- 143.5557 µg/mL	Gravimetric Unstressed Stressed

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

Reagent

VM569721_00007

Rec: 2-21-20

VM569721_00007

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Catalog No. : 569721 **Lot No.:** A0152956

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : September 30, 2022 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone **CAS #** 67-64-1 (Lot SHBK6362) **Purity** 99%	12,546.0 µg/mL	+/- 73.4596 +/- 757.0057 +/- 758.8027	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
2	2-Butanone (MEK) **CAS #** 78-93-3 (Lot SHBK5945) **Purity** 99%	12,564.0 µg/mL	+/- 73.5650 +/- 758.0918 +/- 759.8914	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	4-Methyl-2-pentanone (MIBK) **CAS #** 108-10-1 (Lot SHBK5017) **Purity** 99%	12,558.0 µg/mL	+/- 73.5299 +/- 757.7297 +/- 759.5285	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	2-Hexanone **CAS #** 591-78-6 (Lot MKCD9048) **Purity** 99%	12,562.0 µg/mL	+/- 73.5533 +/- 757.9711 +/- 759.7704	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

VM569721S_00007

Rec'd 11/8/21 VM5697215-09007

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569721.SEC **Lot No.:** A0167987

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : January 31, 2024 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Acetone	12,567.5 µg/mL	+/- 73.5855 µg/mL	Gravimetric
	CAS # 67-64-1.SEC (Lot S25F025)		+/- 758.3030 µg/mL	Unstressed
	Purity 99%		+/- 760.1031 µg/mL	Stressed
2	2-Butanone (MEK)	12,553.0 µg/mL	+/- 73.5006 µg/mL	Gravimetric
	CAS # 78-93-3.SEC (Lot RGZ2A)		+/- 757.4280 µg/mL	Unstressed
	Purity 99%		+/- 759.2261 µg/mL	Stressed
3	4-Methyl-2-pentanone (MIBK)	12,563.5 µg/mL	+/- 73.5621 µg/mL	Gravimetric
	CAS # 108-10-1.SEC (Lot E29T040)		+/- 758.0616 µg/mL	Unstressed
	Purity 99%		+/- 759.8611 µg/mL	Stressed
4	2-Hexanone	12,527.8 µg/mL	+/- 73.3532 µg/mL	Gravimetric
	CAS # 591-78-6.SEC (Lot Y3TUO)		+/- 755.9093 µg/mL	Unstressed
	Purity 98%		+/- 757.7037 µg/mL	Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

vm569722_00020

VM569722_00020 Rcld 10/6/21

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

Catalog No. : 569722 **Lot No.:** A0171131

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2024 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dichlorodifluoromethane (CFC-12) **CAS #** 75-71-8 (Lot 00012554) **Purity** 99%	2,500.4 µg/mL	+/- 17.4665 µg/mL +/- 140.5300 µg/mL +/- 143.8028 µg/mL	Gravimetric Unstressed Stressed
2	Chloromethane (methyl chloride) **CAS #** 74-87-3 (Lot SHBK6571) **Purity** 99%	2,500.3 µg/mL	+/- 17.4265 µg/mL +/- 140.5200 µg/mL +/- 143.7928 µg/mL	Gravimetric Unstressed Stressed
3	Vinyl chloride **CAS #** 75-01-4 (Lot 00015559) **Purity** 99%	2,501.4 µg/mL	+/- 16.6715 µg/mL +/- 140.4849 µg/mL +/- 143.7611 µg/mL	Gravimetric Unstressed Stressed
4	1,3-Butadiene **CAS #** 106-99-0 (Lot 00019375) **Purity** 99%	2,499.9 µg/mL	+/- 17.9031 µg/mL +/- 140.5578 µg/mL +/- 143.8287 µg/mL	Gravimetric Unstressed Stressed
5	Bromomethane (methyl bromide) **CAS #** 74-83-9 (Lot 101604) **Purity** 99%	2,500.8 µg/mL	+/- 16.8347 µg/mL +/- 140.4711 µg/mL +/- 143.7461 µg/mL	Gravimetric Unstressed Stressed
6	Chloroethane (ethyl chloride) **CAS #** 75-00-3 (Lot 107-401039114-1) **Purity** 99%	2,501.1 µg/mL	+/- 17.4608 µg/mL +/- 140.5674 µg/mL +/- 143.8412 µg/mL	Gravimetric Unstressed Stressed
7	Dichlorofluoromethane (CFC-21) **CAS #** 75-43-4 (Lot 10172500) **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 µg/mL +/- 140.1725 µg/mL +/- 143.4524 µg/mL	Gravimetric Unstressed Stressed

Reagent

vm569722S_00010

Rec: 1/26-21
VM569722S-00010

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

Catalog No. : 569722.SEC **Lot No.:** A0159768

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2023 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Dichlorodifluoromethane (CFC-12) **CAS #** 75-71-8.SEC (Lot 26165) **Purity** 99%	2,501.8 µg/mL	+/- 19.9803 µg/mL +/- 140.9385 µg/mL +/- 144.2054 µg/mL	Gravimetric Unstressed Stressed
2	Chloromethane (methyl chloride) **CAS #** 74-87-3.SEC (Lot 18343) **Purity** 99%	2,510.1 µg/mL	+/- 18.7758 µg/mL +/- 141.2337 µg/mL +/- 144.5155 µg/mL	Gravimetric Unstressed Stressed
3	Vinyl chloride **CAS #** 75-01-4.SEC (Lot MKBK6872V) **Purity** 99%	2,518.3 µg/mL	+/- 19.4159 µg/mL +/- 141.7727 µg/mL +/- 145.0634 µg/mL	Gravimetric Unstressed Stressed
4	1,3-Butadiene **CAS #** 106-99-0.SEC (Lot 24033) **Purity** 99%	2,510.8 µg/mL	+/- 17.5328 µg/mL +/- 141.1137 µg/mL +/- 144.4001 µg/mL	Gravimetric Unstressed Stressed
5	Bromomethane (methyl bromide) **CAS #** 74-83-9.SEC (Lot 00017022) **Purity** 99%	2,506.4 µg/mL	+/- 23.4232 µg/mL +/- 141.7223 µg/mL +/- 144.9835 µg/mL	Gravimetric Unstressed Stressed
6	Chloroethane (ethyl chloride) **CAS #** 75-00-3.SEC (Lot 00004202) **Purity** 99%	2,523.5 µg/mL	+/- 21.4589 µg/mL +/- 142.3524 µg/mL +/- 145.6434 µg/mL	Gravimetric Unstressed Stressed
7	Dichlorofluoromethane (CFC-21) **CAS #** 75-43-4 * (Lot 4938100) **Purity** 99%	2,500.0 µg/mL	+/- 14.5352 µg/mL +/- 140.1725 µg/mL +/- 143.4524 µg/mL	Gravimetric Unstressed Stressed

8	Trichlorofluoromethane (CFC-11)		2,496.5	µg/mL	+/-	17.7311	µg/mL	Gravimetric
	CAS # 75-69-4.SEC	(Lot 253600)			+/-	140.3462	µg/mL	Unstressed
	Purity 99%				+/-	143.6131	µg/mL	Stressed

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

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

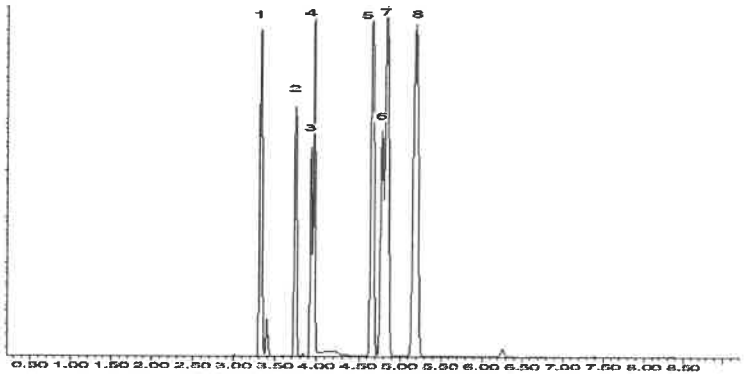
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

Date Mixed: 09-Apr-2020 **Balance:** 1127510105

Date Passed: 24-Apr-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

Reagent

VM569724_00026

VM569724_00026 Rc'd 10/29/21

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

Catalog No. : 569724 **Lot No.:** A0168154

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : July 31, 2022 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Vinyl acetate	5,038.0 µg/mL	+/- 29.4986 µg/mL	Gravimetric
	CAS # 108-05-4 (Lot RD200601)		+/- 303.9849 µg/mL	Unstressed
	Purity 99%		+/- 304.7065 µg/mL	Stressed

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VM571992_00005

Rc'd 4/19/21 VM571992_00005

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571992 **Lot No.:** A0159680

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : October 31, 2022 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L., K=2)	
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7 (Lot SHBK7710) **Purity** 99%	2,518.8 µg/mL	+/- 14.6442 µg/mL +/- 151.9673 µg/mL +/- 152.3281 µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1 (Lot 00016133) **Purity** 99%	2,523.8 µg/mL	+/- 14.6733 µg/mL +/- 152.2690 µg/mL +/- 152.6305 µg/mL	Gravimetric Unstressed Stressed
3	1,1-dichloroethene **CAS #** 75-35-4 (Lot SHBK2437) **Purity** 99%	2,517.5 µg/mL	+/- 14.6370 µg/mL +/- 151.8919 µg/mL +/- 152.2525 µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0 (Lot SHBL0592) **Purity** 99%	25,122.1 µg/mL	+/- 146.0546 µg/mL +/- 1,515.7284 µg/mL +/- 1,519.3270 µg/mL	Gravimetric Unstressed Stressed
5	Methyl acetate **CAS #** 79-20-9 (Lot SHBK5436) **Purity** 99%	5,041.4 µg/mL	+/- 29.3110 µg/mL +/- 304.1685 µg/mL +/- 304.8906 µg/mL	Gravimetric Unstressed Stressed
6	Iodomethane (methyl iodide) **CAS #** 74-88-4 (Lot D4406-0122JM) **Purity** 99%	2,520.5 µg/mL	+/- 14.6544 µg/mL +/- 152.0729 µg/mL +/- 152.4340 µg/mL	Gravimetric Unstressed Stressed
7	Allyl chloride (3-chloropropene) **CAS #** 107-05-1 (Lot 191118KJ) **Purity** 99%	2,521.0 µg/mL	+/- 14.6573 µg/mL +/- 152.1031 µg/mL +/- 152.4642 µg/mL	Gravimetric Unstressed Stressed

Reagent

VM571992S_00008

Rec'd 6/10/21 VM571992S 00008

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 571992.SEC **Lot No.:** A0167172

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2023 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Nominal Concentration (weight/volume)	Expanded Uncertainty (95% CL, k=2)		
1	Diethyl ether (ethyl ether) **CAS #** 60-29-7.SEC (Lot F23X068) **Purity** 99%	2,501.7 µg/mL	+/- 14.5449 µg/mL +/- 150.9366 µg/mL +/- 151.2950 µg/mL	Gravimetric Unstressed Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113) **CAS #** 76-13-1.SEC (Lot 18342) **Purity** 99%	2,500.8 µg/mL	+/- 14.5401 µg/mL +/- 150.8864 µg/mL +/- 151.2446 µg/mL	Gravimetric Unstressed Stressed
3	1,1-Dichloroethene **CAS #** 75-35-4.SEC (Lot 7692300) **Purity** 99%	2,501.2 µg/mL	+/- 14.5420 µg/mL +/- 150.9065 µg/mL +/- 151.2647 µg/mL	Gravimetric Unstressed Stressed
4	tert-Butanol (TBA) **CAS #** 75-65-0.SEC (Lot HGCHN) **Purity** 99%	25,001.2 µg/mL	+/- 145.3513 µg/mL +/- 1,508.4304 µg/mL +/- 1,512.0117 µg/mL	Gravimetric Unstressed Stressed
5	Methyl acetate **CAS #** 79-20-9.SEC (Lot UCNEL) **Purity** 99%	5,000.2 µg/mL	+/- 29.0714 µg/mL +/- 301.6822 µg/mL +/- 302.3985 µg/mL	Gravimetric Unstressed Stressed
6	Iodomethane (methyl iodide) **CAS #** 74-88-4.SEC (Lot Y25A027) **Purity** 99%	2,501.0 µg/mL	+/- 14.5410 µg/mL +/- 150.8964 µg/mL +/- 151.2547 µg/mL	Gravimetric Unstressed Stressed
7	Allyl chloride (3-chloropropene) **CAS #** 107-05-1.SEC (Lot H3HGC) **Purity** 99%	2,501.7 µg/mL	+/- 14.5449 µg/mL +/- 150.9366 µg/mL +/- 151.2950 µg/mL	Gravimetric Unstressed Stressed

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GW-050222-SS-027	240-166223-1	90	99	103	100
GW-050222-SS-028	240-166223-2	92	100	104	100
GW-050222-SS-029	240-166223-3	91	99	101	99
GW-050222-SS-030	240-166223-4	89	96	100	98
EB-050222-SS-003	240-166223-5	90	101	101	98
GW-050322-SS-031	240-166223-6	90	98	102	100
GW-050322-SS-032	240-166223-7	91	99	104	100
GW-050322-SS-033	240-166223-8	92	99	101	98
GW-050322-SS-034	240-166223-9	91	101	102	98
SW-050322-SS-001	240-166223-10	93	102	104	100
GW-050422-SS-035	240-166223-11	91	100	103	97
GW-050422-SS-036	240-166223-12	91	100	102	97
GW-050422-SS-037	240-166223-13	92	100	103	99
GW-050422-SS-038	240-166223-14	91	98	101	95
SW-050422-SS-003	240-166223-15	92	99	104	99
GW-050522-SS-039	240-166223-16	92	102	101	98
GW-050522-SS-040	240-166223-17	91	100	102	97
EB-050522-SS-004	240-166223-18	92	101	103	99
GW-050522-SS-041	240-166223-19	92	100	102	96
GW-050522-SS-042	240-166223-20	113	119	98	92
GW-050522-SS-043	240-166223-21	110	117	96	90
GW-050522-SS-044	240-166223-22	110	115	96	90
SW-050522-SS-002	240-166223-23	93	98	103	101
SW-050522-SS-004	240-166223-24	91	97	101	99
TB-050522-SS-002	240-166223-25	91	100	103	101
	MB 240-526140/8	91	99	103	100
	MB 240-526533/9	117	121	101	103
	MB 240-526755/8	93	101	103	102
	LCS 240-526140/5	93	96	105	109
	LCS 240-526533/5	111	105	99	99
	LCS 240-526755/5	94	98	106	110
GW-050522-SS-040 MS	240-166223-17 MS	93	97	105	107
GW-050522-SS-044 MS	240-166223-22 MS	104	105	97	91

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-120
DCA = 1,2-Dichloroethane-d4 (Surr)	62-137
TOL = Toluene-d8 (Surr)	78-122
BFB = 4-Bromofluorobenzene (Surr)	56-136

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GW-050522-SS-040 MSD	240-166223-17 MSD	93	95	104	105
GW-050522-SS-044 MSD	240-166223-22 MSD	112	110	95	90

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	73-120
DCA = 1,2-Dichloroethane-d4 (Surr)	62-137
TOL = Toluene-d8 (Surr)	78-122
BFB = 4-Bromofluorobenzene (Surr)	56-136

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927458.D

Lab ID: LCS 240-526140/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.9	100	64-131	
1,1,2,2-Tetrachloroethane	20.0	21.3	107	58-157	
1,1,2-Trichloroethane	20.0	21.3	107	70-138	
1,1-Dichloroethane	20.0	18.9	94	72-127	
1,1-Dichloroethene	20.0	19.6	98	63-134	
1,2-Dichloroethane	20.0	19.0	95	66-128	
1,2-Dichloropropane	20.0	19.2	96	75-133	
2-Hexanone	40.0	46.1	115	43-167	
Acetone	40.0	37.2	93	50-149	
Benzene	20.0	18.9	95	77-123	
Bromoform	20.0	21.8	109	57-129	
Bromomethane	20.0	15.1	75	36-142	
Carbon disulfide	20.0	19.1	96	43-140	
Carbon tetrachloride	20.0	19.4	97	55-137	
Chlorobenzene	20.0	20.3	101	80-121	
Chloroethane	20.0	15.0	75	38-152	
Chloroform	20.0	18.8	94	74-122	
Chloromethane	20.0	16.2	81	47-143	
cis-1,2-Dichloroethene	20.0	18.8	94	77-123	
cis-1,3-Dichloropropene	20.0	20.5	103	64-130	
Dichlorobromomethane	20.0	19.6	98	69-126	
Ethylbenzene	20.0	21.5	108	80-121	
m-Xylene & p-Xylene	20.0	21.7	109	80-120	
2-Butanone (MEK)	40.0	37.2	93	54-156	
4-Methyl-2-pentanone (MIBK)	40.0	40.9	102	46-158	
Methylene Chloride	20.0	18.7	94	71-125	
o-Xylene	20.0	22.0	110	80-123	
Styrene	20.0	21.8	109	80-135	
Tetrachloroethene	20.0	20.7	104	76-123	
Toluene	20.0	20.5	102	80-123	
trans-1,2-Dichloroethene	20.0	18.9	95	75-124	
trans-1,3-Dichloropropene	20.0	22.2	111	57-129	
Trichloroethene	20.0	18.9	94	70-122	
Vinyl chloride	20.0	16.8	84	60-144	
Xylenes, Total	40.0	43.7	109	80-121	
Chlorodibromomethane	20.0	21.7	108	70-124	

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 Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: u1290587.D

Lab ID: LCS 240-526533/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.2	101	64-131	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	58-157	
1,1,2-Trichloroethane	20.0	19.8	99	70-138	
1,1-Dichloroethane	20.0	20.6	103	72-127	
1,1-Dichloroethene	20.0	20.6	103	63-134	
1,2-Dichloroethane	20.0	19.9	99	66-128	
1,2-Dichloropropane	20.0	19.6	98	75-133	
2-Hexanone	40.0	37.0	93	43-167	
Acetone	40.0	31.0	77	50-149	
Benzene	20.0	19.5	97	77-123	
Bromoform	20.0	19.2	96	57-129	
Bromomethane	20.0	17.5	88	36-142	
Carbon disulfide	20.0	20.2	101	43-140	
Carbon tetrachloride	20.0	21.6	108	55-137	
Chlorobenzene	20.0	18.7	93	80-121	
Chloroethane	20.0	17.4	87	38-152	
Chloroform	20.0	20.7	104	74-122	
Chloromethane	20.0	16.5	83	47-143	
cis-1,2-Dichloroethene	20.0	21.0	105	77-123	
cis-1,3-Dichloropropene	20.0	18.1	90	64-130	
Dichlorobromomethane	20.0	19.0	95	69-126	
Ethylbenzene	20.0	18.9	95	80-121	
m-Xylene & p-Xylene	20.0	18.9	95	80-120	
2-Butanone (MEK)	40.0	38.8	97	54-156	
4-Methyl-2-pentanone (MIBK)	40.0	37.7	94	46-158	
Methylene Chloride	20.0	22.6	113	71-125	
o-Xylene	20.0	20.1	101	80-123	
Styrene	20.0	18.6	93	80-135	
Tetrachloroethene	20.0	18.7	94	76-123	
Toluene	20.0	18.5	93	80-123	
trans-1,2-Dichloroethene	20.0	20.5	103	75-124	
trans-1,3-Dichloropropene	20.0	18.5	92	57-129	
Trichloroethene	20.0	18.5	93	70-122	
Vinyl chloride	20.0	18.2	91	60-144	
Xylenes, Total	40.0	39.0	98	80-121	
Chlorodibromomethane	20.0	19.2	96	70-124	

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 Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927552.D

Lab ID: LCS 240-526755/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	64-131	
1,1,2,2-Tetrachloroethane	20.0	22.3	111	58-157	
1,1,2-Trichloroethane	20.0	21.3	106	70-138	
1,1-Dichloroethane	20.0	19.7	99	72-127	
1,1-Dichloroethene	20.0	21.1	105	63-134	
1,2-Dichloroethane	20.0	19.4	97	66-128	
1,2-Dichloropropane	20.0	19.9	100	75-133	
2-Hexanone	40.0	47.9	120	43-167	
Acetone	40.0	38.5	96	50-149	
Benzene	20.0	19.6	98	77-123	
Bromoform	20.0	22.3	111	57-129	
Bromomethane	20.0	15.4	77	36-142	
Carbon disulfide	20.0	20.4	102	43-140	
Carbon tetrachloride	20.0	21.2	106	55-137	
Chlorobenzene	20.0	20.8	104	80-121	
Chloroethane	20.0	15.3	77	38-152	
Chloroform	20.0	19.3	97	74-122	
Chloromethane	20.0	16.8	84	47-143	
cis-1,2-Dichloroethene	20.0	19.6	98	77-123	
cis-1,3-Dichloropropene	20.0	21.3	106	64-130	
Dichlorobromomethane	20.0	20.2	101	69-126	
Ethylbenzene	20.0	22.2	111	80-121	
m-Xylene & p-Xylene	20.0	22.3	111	80-120	
2-Butanone (MEK)	40.0	38.4	96	54-156	
4-Methyl-2-pentanone (MIBK)	40.0	42.2	106	46-158	
Methylene Chloride	20.0	19.5	97	71-125	
o-Xylene	20.0	22.5	112	80-123	
Styrene	20.0	22.3	112	80-135	
Tetrachloroethene	20.0	21.3	106	76-123	
Toluene	20.0	21.0	105	80-123	
trans-1,2-Dichloroethene	20.0	20.0	100	75-124	
trans-1,3-Dichloropropene	20.0	22.9	115	57-129	
Trichloroethene	20.0	19.6	98	70-122	
Vinyl chloride	20.0	17.5	88	60-144	
Xylenes, Total	40.0	44.8	112	80-121	
Chlorodibromomethane	20.0	22.2	111	70-124	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927482.D

Lab ID: 240-166223-17 MS Client ID: GW-050522-SS-040 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	800	40 U	716	89	60-130	
1,1,2,2-Tetrachloroethane	800	40 U	863	108	54-145	
1,1,2-Trichloroethane	800	40 U	841	105	69-131	
1,1-Dichloroethane	800	40 U	741	93	68-125	
1,1-Dichloroethene	800	40 U	730	91	56-135	
1,2-Dichloroethane	800	40 U	750	94	63-126	
1,2-Dichloropropane	800	40 U	738	92	69-130	
2-Hexanone	1600	400 U	1840	115	35-156	
Acetone	1600	400 U	1510	95	33-149	
Benzene	800	40 U	729	91	64-128	
Bromoform	800	40 U	816	102	47-125	
Bromomethane	800	40 U	605	76	28-150	
Carbon disulfide	800	40 U	650	81	38-140	
Carbon tetrachloride	800	40 U	717	90	51-133	
Chlorobenzene	800	40 U	770	96	74-121	
Chloroethane	800	40 U	603	75	10-199	
Chloroform	800	40 U	735	92	70-122	
Chloromethane	800	40 U	632	79	32-149	
cis-1,2-Dichloroethene	800	40 U	719	90	66-128	
cis-1,3-Dichloropropene	800	40 U	723	90	47-125	
Dichlorobromomethane	800	40 U	741	93	62-125	
Ethylbenzene	800	40 U	788	99	67-127	
m-Xylene & p-Xylene	800	80 U	800	100	71-123	
2-Butanone (MEK)	1600	400 U	1460	91	40-151	
4-Methyl-2-pentanone (MIBK)	1600	400 U	1580	99	31-153	
Methylene Chloride	800	200 U	749	94	62-129	
o-Xylene	800	40 U	802	100	70-125	
Styrene	800	40 U	822	103	70-139	
Tetrachloroethene	800	40 U	763	95	62-131	
Toluene	800	40 U	775	97	58-135	
trans-1,2-Dichloroethene	800	40 U	731	91	56-136	
trans-1,3-Dichloropropene	800	40 U	809	101	47-120	
Trichloroethene	800	40 U	695	87	61-124	
Vinyl chloride	800	730	1310	73	43-157	
Xylenes, Total	1600	80 U	1600	100	71-123	
Chlorodibromomethane	800	40 U	816	102	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: u1290614.D

Lab ID: 240-166223-22 MS Client ID: GW-050522-SS-044 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.7	98	60-130	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	20.3	102	54-145	
1,1,2-Trichloroethane	20.0	1.0 U	19.7	98	69-131	
1,1-Dichloroethane	20.0	1.0 U	20.3	101	68-125	
1,1-Dichloroethene	20.0	1.0 U	20.4	102	56-135	
1,2-Dichloroethane	20.0	1.0 U	20.3	102	63-126	
1,2-Dichloropropane	20.0	1.0 U	19.6	98	69-130	
2-Hexanone	40.0	10 U	37.9	95	35-156	
Acetone	40.0	10 U	31.0	77	33-149	
Benzene	20.0	1.0 U	19.3	96	64-128	
Bromoform	20.0	1.0 U	17.4	87	47-125	
Bromomethane	20.0	1.0 U	17.6	88	28-150	
Carbon disulfide	20.0	1.0 U	19.5	97	38-140	
Carbon tetrachloride	20.0	1.0 U	20.1	100	51-133	
Chlorobenzene	20.0	1.0 U	18.3	92	74-121	
Chloroethane	20.0	1.0 U	17.8	89	10-199	
Chloroform	20.0	0.54 J	20.7	101	70-122	
Chloromethane	20.0	1.0 U	16.8	84	32-149	
cis-1,2-Dichloroethene	20.0	1.0 U	19.5	98	66-128	
cis-1,3-Dichloropropene	20.0	1.0 U	17.6	88	47-125	
Dichlorobromomethane	20.0	0.21 J	19.1	94	62-125	
Ethylbenzene	20.0	1.0 U	18.5	93	67-127	
m-Xylene & p-Xylene	20.0	2.0 U	18.5	93	71-123	
2-Butanone (MEK)	40.0	1.9 J	44.7	107	40-151	
4-Methyl-2-pentanone (MIBK)	40.0	10 U	38.6	96	31-153	
Methylene Chloride	20.0	5.0 U	22.2	111	62-129	
o-Xylene	20.0	1.0 U	19.3	97	70-125	
Styrene	20.0	1.0 U	18.0	90	70-139	
Tetrachloroethene	20.0	1.0 U	18.2	91	62-131	
Toluene	20.0	1.0 U	18.6	93	58-135	
trans-1,2-Dichloroethene	20.0	1.0 U	20.3	101	56-136	
trans-1,3-Dichloropropene	20.0	1.0 U	17.8	89	47-120	
Trichloroethene	20.0	1.0 U	18.1	91	61-124	
Vinyl chloride	20.0	1.0 U	18.2	91	43-157	
Xylenes, Total	40.0	2.0 U	37.8	95	71-123	
Chlorodibromomethane	20.0	1.0 U	18.4	92	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U1927483.D

Lab ID: 240-166223-17 MSD Client ID: GW-050522-SS-040 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	800	746	93	4	17	60-130	
1,1,2,2-Tetrachloroethane	800	862	108	0	15	54-145	
1,1,2-Trichloroethane	800	845	106	0	14	69-131	
1,1-Dichloroethane	800	754	94	2	13	68-125	
1,1-Dichloroethene	800	769	96	5	26	56-135	
1,2-Dichloroethane	800	752	94	0	12	63-126	
1,2-Dichloropropane	800	762	95	3	13	69-130	
2-Hexanone	1600	1860	116	1	17	35-156	
Acetone	1600	1550	97	3	34	33-149	
Benzene	800	753	94	3	14	64-128	
Bromoform	800	848	106	4	15	47-125	
Bromomethane	800	615	77	2	26	28-150	
Carbon disulfide	800	702	88	8	23	38-140	
Carbon tetrachloride	800	748	94	4	24	51-133	
Chlorobenzene	800	797	100	3	14	74-121	
Chloroethane	800	619	77	3	30	10-199	
Chloroform	800	747	93	2	14	70-122	
Chloromethane	800	649	81	3	27	32-149	
cis-1,2-Dichloroethene	800	740	93	3	14	66-128	
cis-1,3-Dichloropropene	800	748	93	3	13	47-125	
Dichlorobromomethane	800	767	96	3	13	62-125	
Ethylbenzene	800	815	102	3	15	67-127	
m-Xylene & p-Xylene	800	820	102	2	16	71-123	
2-Butanone (MEK)	1600	1490	93	2	20	40-151	
4-Methyl-2-pentanone (MIBK)	1600	1600	100	1	15	31-153	
Methylene Chloride	800	757	95	1	17	62-129	
o-Xylene	800	836	104	4	15	70-125	
Styrene	800	845	106	3	18	70-139	
Tetrachloroethene	800	785	98	3	20	62-131	
Toluene	800	810	101	4	14	58-135	
trans-1,2-Dichloroethene	800	746	93	2	15	56-136	
trans-1,3-Dichloropropene	800	828	104	2	14	47-120	
Trichloroethene	800	728	91	5	15	61-124	
Vinyl chloride	800	1360	80	4	24	43-157	
Xylenes, Total	1600	1660	104	3	15	71-123	
Chlorodibromomethane	800	835	104	2	13	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Matrix: Water Level: Low Lab File ID: u1290615.D

Lab ID: 240-166223-22 MSD Client ID: GW-050522-SS-044 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	4	17	60-130	
1,1,2,2-Tetrachloroethane	20.0	21.1	106	4	15	54-145	
1,1,2-Trichloroethane	20.0	20.3	102	3	14	69-131	
1,1-Dichloroethane	20.0	20.9	104	3	13	68-125	
1,1-Dichloroethene	20.0	20.7	104	1	26	56-135	
1,2-Dichloroethane	20.0	21.5	107	5	12	63-126	
1,2-Dichloropropane	20.0	19.6	98	0	13	69-130	
2-Hexanone	40.0	39.0	97	3	17	35-156	
Acetone	40.0	35.8	90	15	34	33-149	
Benzene	20.0	19.8	99	2	14	64-128	
Bromoform	20.0	18.6	93	7	15	47-125	
Bromomethane	20.0	17.3	86	2	26	28-150	
Carbon disulfide	20.0	20.1	101	3	23	38-140	
Carbon tetrachloride	20.0	21.0	105	4	24	51-133	
Chlorobenzene	20.0	18.4	92	1	14	74-121	
Chloroethane	20.0	17.6	88	1	30	10-199	
Chloroform	20.0	21.3	104	3	14	70-122	
Chloromethane	20.0	16.7	84	0	27	32-149	
cis-1,2-Dichloroethene	20.0	20.6	103	5	14	66-128	
cis-1,3-Dichloropropene	20.0	17.9	89	1	13	47-125	
Dichlorobromomethane	20.0	19.3	96	1	13	62-125	
Ethylbenzene	20.0	19.0	95	3	15	67-127	
m-Xylene & p-Xylene	20.0	19.0	95	2	16	71-123	
2-Butanone (MEK)	40.0	40.6	97	10	20	40-151	
4-Methyl-2-pentanone (MIBK)	40.0	41.0	103	6	15	31-153	
Methylene Chloride	20.0	23.7	119	7	17	62-129	
o-Xylene	20.0	19.9	100	3	15	70-125	
Styrene	20.0	18.5	92	3	18	70-139	
Tetrachloroethene	20.0	18.4	92	1	20	62-131	
Toluene	20.0	18.6	93	0	14	58-135	
trans-1,2-Dichloroethene	20.0	20.9	104	3	15	56-136	
trans-1,3-Dichloropropene	20.0	18.2	91	2	14	47-120	
Trichloroethene	20.0	18.4	92	1	15	61-124	
Vinyl chloride	20.0	17.7	89	2	24	43-157	
Xylenes, Total	40.0	38.9	97	3	15	71-123	
Chlorodibromomethane	20.0	19.2	96	4	13	65-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: U1927461.D Lab Sample ID: MB 240-526140/8

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

Instrument ID: A3UX19 Date Analyzed: 05/12/2022 11:47

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-526140/5	U1927458.D	05/12/2022 10:39
GW-050222-SS-027	240-166223-1	U1927463.D	05/12/2022 12:31
GW-050222-SS-028	240-166223-2	U1927464.D	05/12/2022 12:54
GW-050222-SS-029	240-166223-3	U1927465.D	05/12/2022 13:16
GW-050222-SS-030	240-166223-4	U1927466.D	05/12/2022 13:38
EB-050222-SS-003	240-166223-5	U1927467.D	05/12/2022 14:01
GW-050322-SS-031	240-166223-6	U1927468.D	05/12/2022 14:23
GW-050322-SS-032	240-166223-7	U1927469.D	05/12/2022 14:46
GW-050322-SS-033	240-166223-8	U1927470.D	05/12/2022 15:08
GW-050322-SS-034	240-166223-9	U1927471.D	05/12/2022 15:31
SW-050322-SS-001	240-166223-10	U1927472.D	05/12/2022 15:53
GW-050422-SS-035	240-166223-11	U1927473.D	05/12/2022 16:15
GW-050422-SS-036	240-166223-12	U1927474.D	05/12/2022 16:38
GW-050422-SS-037	240-166223-13	U1927475.D	05/12/2022 17:00
GW-050422-SS-038	240-166223-14	U1927476.D	05/12/2022 17:23
SW-050422-SS-003	240-166223-15	U1927477.D	05/12/2022 17:45
GW-050522-SS-039	240-166223-16	U1927478.D	05/12/2022 18:07
GW-050522-SS-040	240-166223-17	U1927479.D	05/12/2022 18:30
EB-050522-SS-004	240-166223-18	U1927480.D	05/12/2022 18:53
GW-050522-SS-041	240-166223-19	U1927481.D	05/12/2022 19:15
GW-050522-SS-040 MS	240-166223-17 MS	U1927482.D	05/12/2022 19:37
GW-050522-SS-040 MSD	240-166223-17 MSD	U1927483.D	05/12/2022 20:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: u1290591.D Lab Sample ID: MB 240-526533/9

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

Instrument ID: A3UX12 Date Analyzed: 05/16/2022 12:37

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-526533/5	u1290587.D	05/16/2022 11:08
GW-050522-SS-042	240-166223-20	u1290611.D	05/16/2022 20:02
GW-050522-SS-043	240-166223-21	u1290612.D	05/16/2022 20:24
GW-050522-SS-044	240-166223-22	u1290613.D	05/16/2022 20:46
GW-050522-SS-044 MS	240-166223-22 MS	u1290614.D	05/16/2022 21:08
GW-050522-SS-044 MSD	240-166223-22 MSD	u1290615.D	05/16/2022 21:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: U1927555.D Lab Sample ID: MB 240-526755/8

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

Instrument ID: A3UX19 Date Analyzed: 05/17/2022 13:16

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-526755/5	U1927552.D	05/17/2022 12:09
TB-050522-SS-002	240-166223-25	U1927556.D	05/17/2022 13:38
SW-050522-SS-002	240-166223-23	U1927557.D	05/17/2022 14:01
SW-050522-SS-004	240-166223-24	U1927558.D	05/17/2022 14:24

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: bfb4854.D BFB Injection Date: 05/12/2022

Instrument ID: A3UX12 BFB Injection Time: 09:24

Analysis Batch No.: 526135

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	48.3	
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	78.8	
175	5.0 - 9.0 % of mass 174	5.7	(7.2) 1
176	95.0 - 101.0 % of mass 174	77.3	(98.1) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.5) 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
	STD8260 240-526135/9	u1290533.D	05/12/2022	11:38
	STD8260 240-526135/10	u1290534.D	05/12/2022	12:01
	STD8260 240-526135/11	u1290535.D	05/12/2022	12:23
	STD8260 240-526135/12	u1290536.D	05/12/2022	12:45
	ICIS 240-526135/13	u1290537.D	05/12/2022	13:07
	STD8260 240-526135/14	u1290538.D	05/12/2022	13:29
	STD8260 240-526135/15	u1290539.D	05/12/2022	13:51
	STD8260 240-526135/16	u1290540.D	05/12/2022	14:14
	ICV 240-526135/18	u1290542.D	05/12/2022	14:58

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: bfb4856.D BFB Injection Date: 05/16/2022

Instrument ID: A3UX12 BFB Injection Time: 10:02

Analysis Batch No.: 526533

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	48.5	
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	78.7	
175	5.0 - 9.0 % of mass 174	5.8	(7.3) 1
176	95.0 - 101.0 % of mass 174	75.7	(96.3) 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
	CCV 240-526533/3	u1290585.D	05/16/2022	10:24
	CCVIS 240-526533/4	u1290586.D	05/16/2022	10:46
	LCS 240-526533/5	u1290587.D	05/16/2022	11:08
	CCV 240-526533/7	u1290589.D	05/16/2022	11:53
	MB 240-526533/9	u1290591.D	05/16/2022	12:37
GW-050522-SS-042	240-166223-20	u1290611.D	05/16/2022	20:02
GW-050522-SS-043	240-166223-21	u1290612.D	05/16/2022	20:24
GW-050522-SS-044	240-166223-22	u1290613.D	05/16/2022	20:46
GW-050522-SS-044 MS	240-166223-22 MS	u1290614.D	05/16/2022	21:08
GW-050522-SS-044 MSD	240-166223-22 MSD	u1290615.D	05/16/2022	21:30

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: bfb1037.d BFB Injection Date: 04/29/2022

Instrument ID: A3UX19 BFB Injection Time: 09:42

Analysis Batch No.: 524469

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.6	
75	30.0 - 60.0 % of mass 95	52.8	
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	84.9	
175	5.0 - 9.0 % of mass 174	6.7	(7.9) 1
176	95.0 - 101.0 % of mass 174	81.0	(95.5) 1
177	5.0 - 9.0 % of mass 176	5.4	(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
	STD8260 240-524469/9	U1927189.D	04/29/2022	11:07
	STD8260 240-524469/10	U1927190.D	04/29/2022	11:29
	STD8260 240-524469/11	U1927191.D	04/29/2022	11:52
	STD8260 240-524469/12	U1927192.D	04/29/2022	12:14
	ICIS 240-524469/13	U1927193.D	04/29/2022	12:36
	STD8260 240-524469/14	U1927194.D	04/29/2022	12:59
	STD8260 240-524469/15	U1927195.D	04/29/2022	13:21
	STD8260 240-524469/16	U1927196.D	04/29/2022	13:44
	ICV 240-524469/18	U1927198.D	04/29/2022	14:56
	ICV 240-524469/28	U1927208.D	04/29/2022	18:39

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: bfb1046.d BFB Injection Date: 05/12/2022

Instrument ID: A3UX19 BFB Injection Time: 09:30

Analysis Batch No.: 526140

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	51.9	
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	84.1	
175	5.0 - 9.0 % of mass 174	6.2	(7.4) 1
176	95.0 - 101.0 % of mass 174	81.0	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.4	(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
	CCV 240-526140/3	U1927456.D	05/12/2022	9:55
	CCVIS 240-526140/4	U1927457.D	05/12/2022	10:17
	LCS 240-526140/5	U1927458.D	05/12/2022	10:39
	MB 240-526140/8	U1927461.D	05/12/2022	11:47
GW-050222-SS-027	240-166223-1	U1927463.D	05/12/2022	12:31
GW-050222-SS-028	240-166223-2	U1927464.D	05/12/2022	12:54
GW-050222-SS-029	240-166223-3	U1927465.D	05/12/2022	13:16
GW-050222-SS-030	240-166223-4	U1927466.D	05/12/2022	13:38
EB-050222-SS-003	240-166223-5	U1927467.D	05/12/2022	14:01
GW-050322-SS-031	240-166223-6	U1927468.D	05/12/2022	14:23
GW-050322-SS-032	240-166223-7	U1927469.D	05/12/2022	14:46
GW-050322-SS-033	240-166223-8	U1927470.D	05/12/2022	15:08
GW-050322-SS-034	240-166223-9	U1927471.D	05/12/2022	15:31
SW-050322-SS-001	240-166223-10	U1927472.D	05/12/2022	15:53
GW-050422-SS-035	240-166223-11	U1927473.D	05/12/2022	16:15
GW-050422-SS-036	240-166223-12	U1927474.D	05/12/2022	16:38
GW-050422-SS-037	240-166223-13	U1927475.D	05/12/2022	17:00
GW-050422-SS-038	240-166223-14	U1927476.D	05/12/2022	17:23
SW-050422-SS-003	240-166223-15	U1927477.D	05/12/2022	17:45
GW-050522-SS-039	240-166223-16	U1927478.D	05/12/2022	18:07
GW-050522-SS-040	240-166223-17	U1927479.D	05/12/2022	18:30
EB-050522-SS-004	240-166223-18	U1927480.D	05/12/2022	18:53
GW-050522-SS-041	240-166223-19	U1927481.D	05/12/2022	19:15
GW-050522-SS-040 MS	240-166223-17 MS	U1927482.D	05/12/2022	19:37
GW-050522-SS-040 MSD	240-166223-17 MSD	U1927483.D	05/12/2022	20:00

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab File ID: bfb1049.d BFB Injection Date: 05/17/2022

Instrument ID: A3UX19 BFB Injection Time: 11:00

Analysis Batch No.: 526755

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	52.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	83.2	
175	5.0 - 9.0 % of mass 174	6.5	(7.8) 1
176	95.0 - 101.0 % of mass 174	80.4	(96.6) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.5) 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
	CCV 240-526755/3	U1927550.D	05/17/2022	11:24
	CCVIS 240-526755/4	U1927551.D	05/17/2022	11:47
	LCS 240-526755/5	U1927552.D	05/17/2022	12:09
	MB 240-526755/8	U1927555.D	05/17/2022	13:16
TB-050522-SS-002	240-166223-25	U1927556.D	05/17/2022	13:38
SW-050522-SS-002	240-166223-23	U1927557.D	05/17/2022	14:01
SW-050522-SS-004	240-166223-24	U1927558.D	05/17/2022	14:24

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Sample No.: ICIS 240-526135/13 Date Analyzed: 05/12/2022 13:07

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): u1290537.D Heated Purge: (Y/N) N

Calibration ID: 65701

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		919353	5.96	652746	8.48	355877	10.60
UPPER LIMIT		1838706	6.46	1305492	8.98	711754	11.10
LOWER LIMIT		459677	5.46	326373	7.98	177939	10.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-526135/18		910178	5.97	649010	8.48	340548	10.60
CCVIS 240-526533/4		884294	5.97	602149	8.48	344471	10.60

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Sample No.: CCVIS 240-526533/4 Date Analyzed: 05/16/2022 10:46

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): u1290586.D Heated Purge: (Y/N) N

Calibration ID: 65705

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		884294	5.97	602149	8.48	344471	10.60
UPPER LIMIT		1768588	6.47	1204298	8.98	688942	11.10
LOWER LIMIT		442147	5.47	301075	7.98	172236	10.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-526533/5		894280	5.97	616347	8.48	344351	10.60
CCV 240-526533/7		864661	5.97	586582	8.48	324782	10.60
MB 240-526533/9		887772	5.96	630748	8.48	349218	10.60
240-166223-20	GW-050522-SS-042	830353	5.96	568939	8.48	306452	10.60
240-166223-21	GW-050522-SS-043	847076	5.96	563709	8.48	312510	10.60
240-166223-22	GW-050522-SS-044	809748	5.96	550778	8.48	303350	10.60
240-166223-22 MS	GW-050522-SS-044 MS	833204	5.96	585398	8.48	317861	10.60
240-166223-22 MSD	GW-050522-SS-044 MSD	844008	5.96	588914	8.48	326124	10.60

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Sample No.: ICIS 240-524469/13 Date Analyzed: 04/29/2022 12:36

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927193.D Heated Purge: (Y/N) N

Calibration ID: 65488

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		768809	5.89	611064	8.40	322411	10.53
UPPER LIMIT		1537618	6.39	1222128	8.90	644822	11.03
LOWER LIMIT		384405	5.39	305532	7.90	161206	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-524469/18		787851	5.89	629617	8.40	328856	10.53
ICV 240-524469/28		766359	5.89	624762	8.40	301517	10.53
CCVIS 240-526140/4		1101436	5.89	819901	8.40	420501	10.53
CCVIS 240-526755/4		796624	5.89	591486	8.40	310050	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Sample No.: CCVIS 240-526140/4 Date Analyzed: 05/12/2022 10:17

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927457.D Heated Purge: (Y/N) N

Calibration ID: 65492

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1101436	5.89	819901	8.40	420501	10.53
UPPER LIMIT		2202872	6.39	1639802	8.90	841002	11.03
LOWER LIMIT		550718	5.39	409951	7.90	210251	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-526140/5		1052643	5.89	775576	8.40	401554	10.53
MB 240-526140/8		994472	5.89	737278	8.40	360410	10.53
240-166223-1	GW-050222-SS-027	987646	5.89	724843	8.40	358936	10.53
240-166223-2	GW-050222-SS-028	956695	5.89	705827	8.40	344120	10.53
240-166223-3	GW-050222-SS-029	961980	5.89	709063	8.40	343728	10.53
240-166223-4	GW-050222-SS-030	969199	5.89	722977	8.40	350750	10.53
240-166223-5	EB-050222-SS-003	935777	5.89	690893	8.40	333808	10.53
240-166223-6	GW-050322-SS-031	962198	5.89	706595	8.40	346543	10.53
240-166223-7	GW-050322-SS-032	961600	5.89	689880	8.40	327969	10.53
240-166223-8	GW-050322-SS-033	928752	5.89	690175	8.40	333037	10.53
240-166223-9	GW-050322-SS-034	947779	5.89	697619	8.40	338958	10.53
240-166223-10	SW-050322-SS-001	902568	5.89	662159	8.40	316408	10.53
240-166223-11	GW-050422-SS-035	898950	5.89	654299	8.40	322732	10.53
240-166223-12	GW-050422-SS-036	935970	5.89	689756	8.40	333398	10.53
240-166223-13	GW-050422-SS-037	938264	5.89	687208	8.40	336257	10.53
240-166223-14	GW-050422-SS-038	924057	5.89	676574	8.40	329005	10.53
240-166223-15	SW-050422-SS-003	936195	5.89	673398	8.40	326156	10.53
240-166223-16	GW-050522-SS-039	904570	5.89	660715	8.40	328065	10.53
240-166223-17	GW-050522-SS-040	934212	5.89	683579	8.40	326369	10.53
240-166223-18	EB-050522-SS-004	910850	5.89	667706	8.40	325982	10.53
240-166223-19	GW-050522-SS-041	875897	5.89	650329	8.40	308719	10.53
240-166223-17 MS	GW-050522-SS-040 MS	989438	5.89	728624	8.40	376603	10.53
240-166223-17 MSD	GW-050522-SS-040 MSD	988417	5.89	728918	8.40	377619	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

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

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Sample No.: CCVIS 240-526755/4 Date Analyzed: 05/17/2022 11:47

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): U1927551.D Heated Purge: (Y/N) N

Calibration ID: 65492

		FB		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		796624	5.89	591486	8.40	310050	10.53
UPPER LIMIT		1593248	6.39	1182972	8.90	620100	11.03
LOWER LIMIT		398312	5.39	295743	7.90	155025	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-526755/5		811187	5.89	607959	8.40	307369	10.53
MB 240-526755/8		745524	5.89	551265	8.40	273412	10.53
240-166223-25	TB-050522-SS-002	744657	5.89	551192	8.40	261646	10.53
240-166223-23	SW-050522-SS-002	777585	5.89	564576	8.40	279082	10.53
240-166223-24	SW-050522-SS-004	746511	5.89	542770	8.40	261483	10.53

FB = Fluorobenzene
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-027 | Lab Sample ID: 240-166223-1

Matrix: Water | Lab File ID: U1927463.D

Analysis Method: 8260D | Date Collected: 05/02/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 12:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	17		1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-027 | Lab Sample ID: 240-166223-1

Matrix: Water | Lab File ID: U1927463.D

Analysis Method: 8260D | Date Collected: 05/02/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 12:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	90		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927463.D
Lims ID: 240-166223-C-1
Client ID: GW-050222-SS-027
Sample Type: Client
Inject. Date: 12-May-2022 12:31:54 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-010
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 12:51:48 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 12:52:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	987646	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	724843	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	358936	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	259274	17.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	321848	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	905926	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	322565	19.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	288790	16.6	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

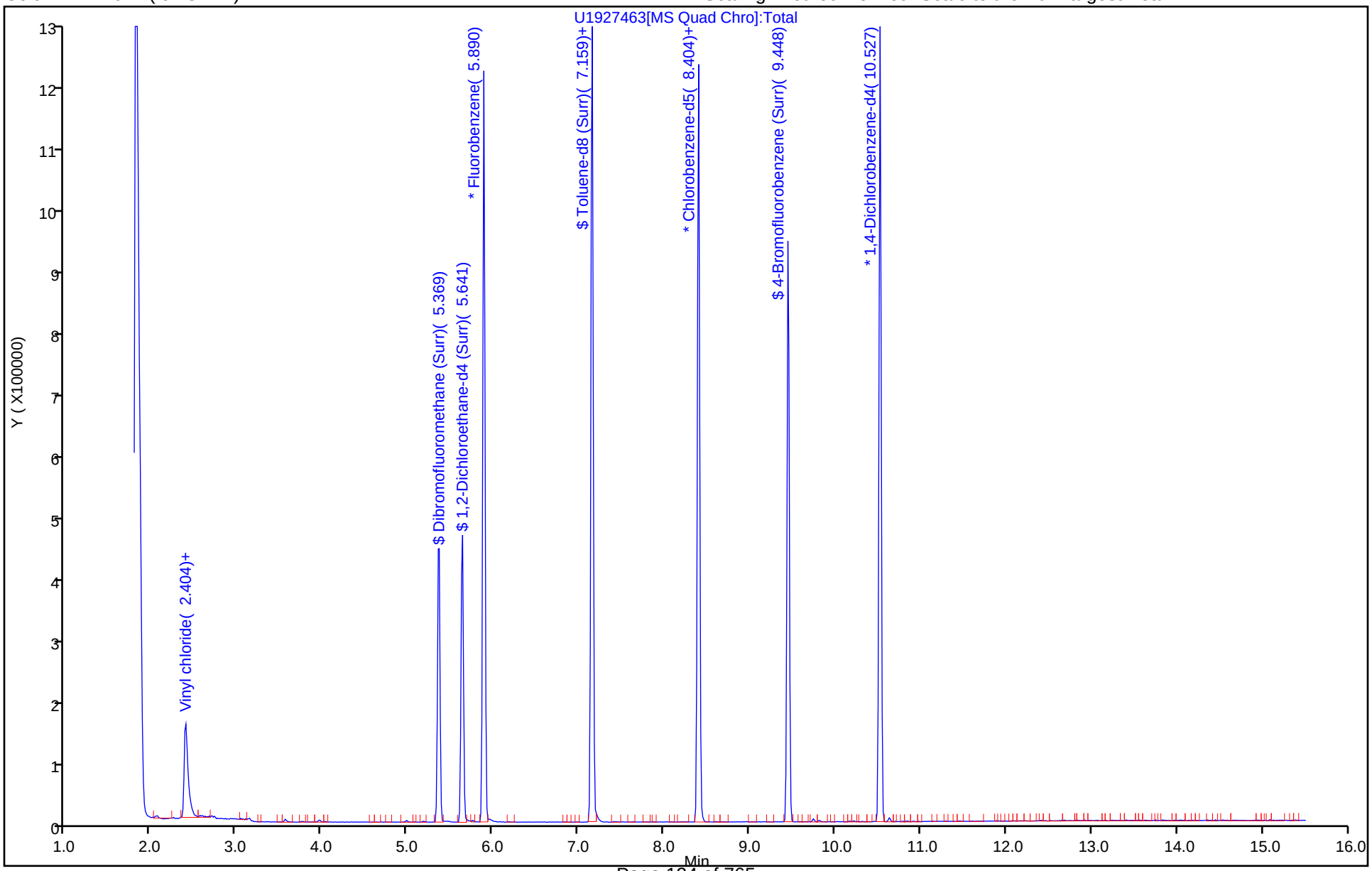
Report Date: 12-May-2022 12:52:22 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927463.D

Injection Date:	12-May-2022 12:31:54	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-C-1	Lab Sample ID:	240-166223-1	Worklist Smp#:	10
Client ID:	GW-050222-SS-027				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927463.D				
Lims ID:	240-166223-C-1				
Client ID:	GW-050222-SS-027				
Sample Type:	Client				
Inject. Date:	12-May-2022 12:31:54	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-010				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 12:51:48	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 12:52:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	17.9	89.73
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	99.10
$ 6 Toluene-d8 (Surr)	20.0	20.6	102.77
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	99.55

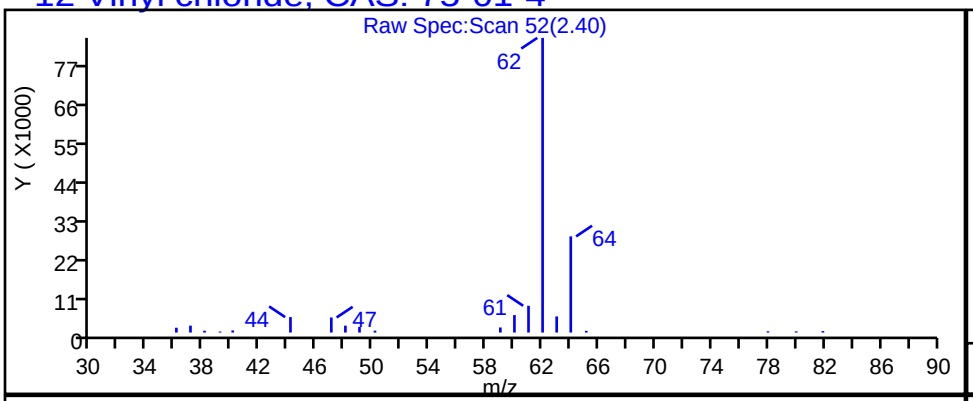
Report Date: 12-May-2022 12:52:22 Chrom Revision: 2.3 12-Apr-2022 20:29:44

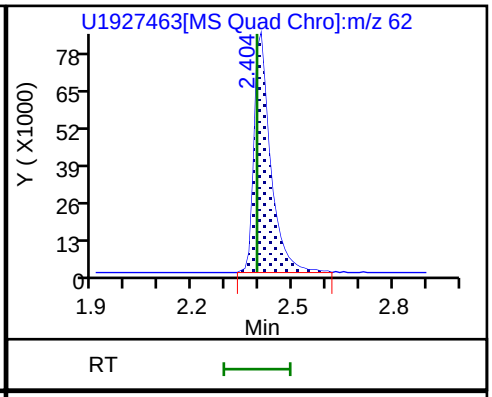
Eurofins Canton

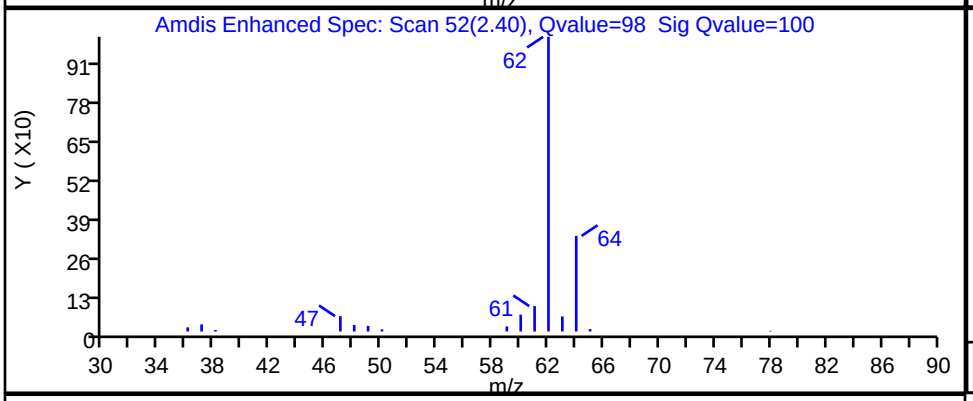
Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927463.D

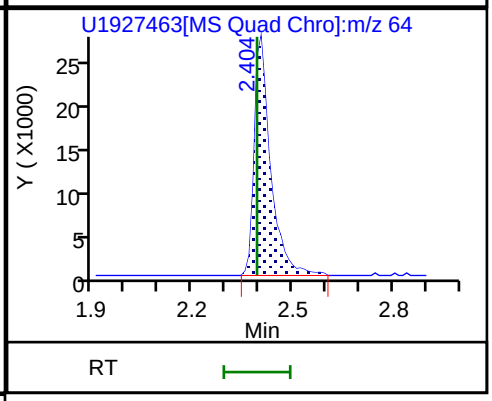
Injection Date:	12-May-2022 12:31:54	Instrument ID:	A3UX19		
Lims ID:	240-166223-C-1	Lab Sample ID:	240-166223-1		
Client ID:	GW-050222-SS-027				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

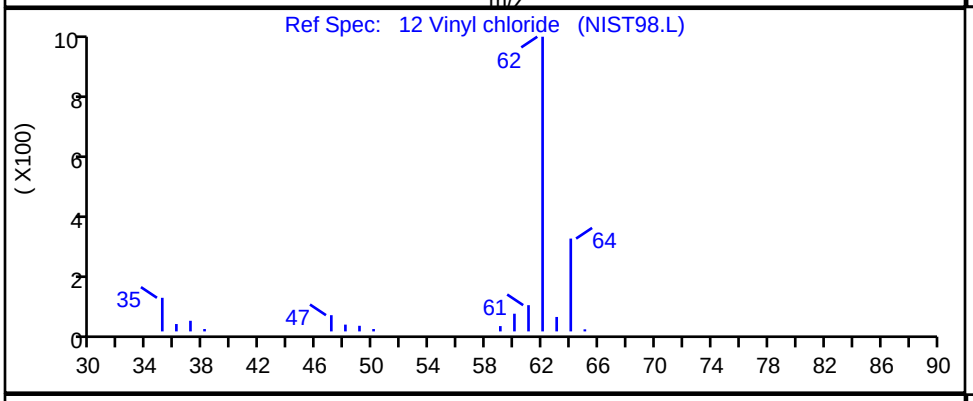
12 Vinyl chloride, CAS: 75-01-4

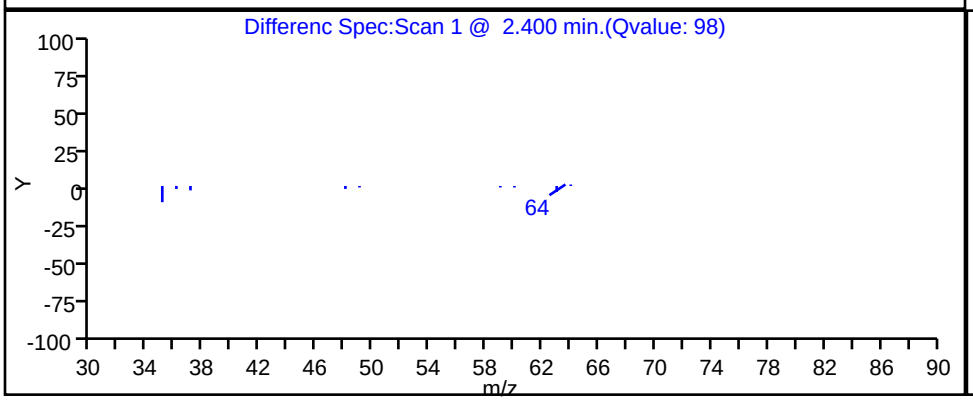


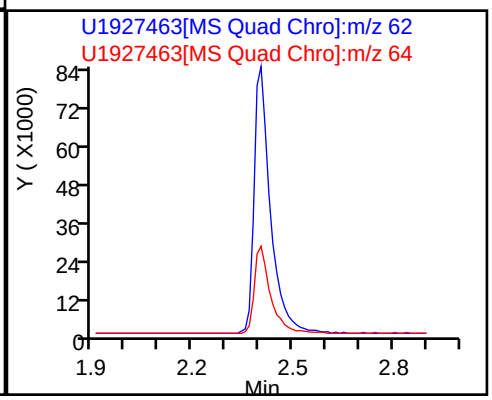












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-028 | Lab Sample ID: 240-166223-2

Matrix: Water | Lab File ID: U1927464.D

Analysis Method: 8260D | Date Collected: 05/02/2022 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 12:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	0.96	J	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-028 | Lab Sample ID: 240-166223-2

Matrix: Water | Lab File ID: U1927464.D

Analysis Method: 8260D | Date Collected: 05/02/2022 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 12:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927464.D
Lims ID: 240-166223-B-2
Client ID: GW-050222-SS-028
Sample Type: Client
Inject. Date: 12-May-2022 12:54:14 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-011
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 11:11:18 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 13:23:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	956695	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	705827	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	344120	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	257786	18.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	97	314940	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	888802	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	314579	19.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	96	1994	0.1158	
35 1,1-Dichloroethane	63		4.538				ND	7
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	14096	0.9621	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

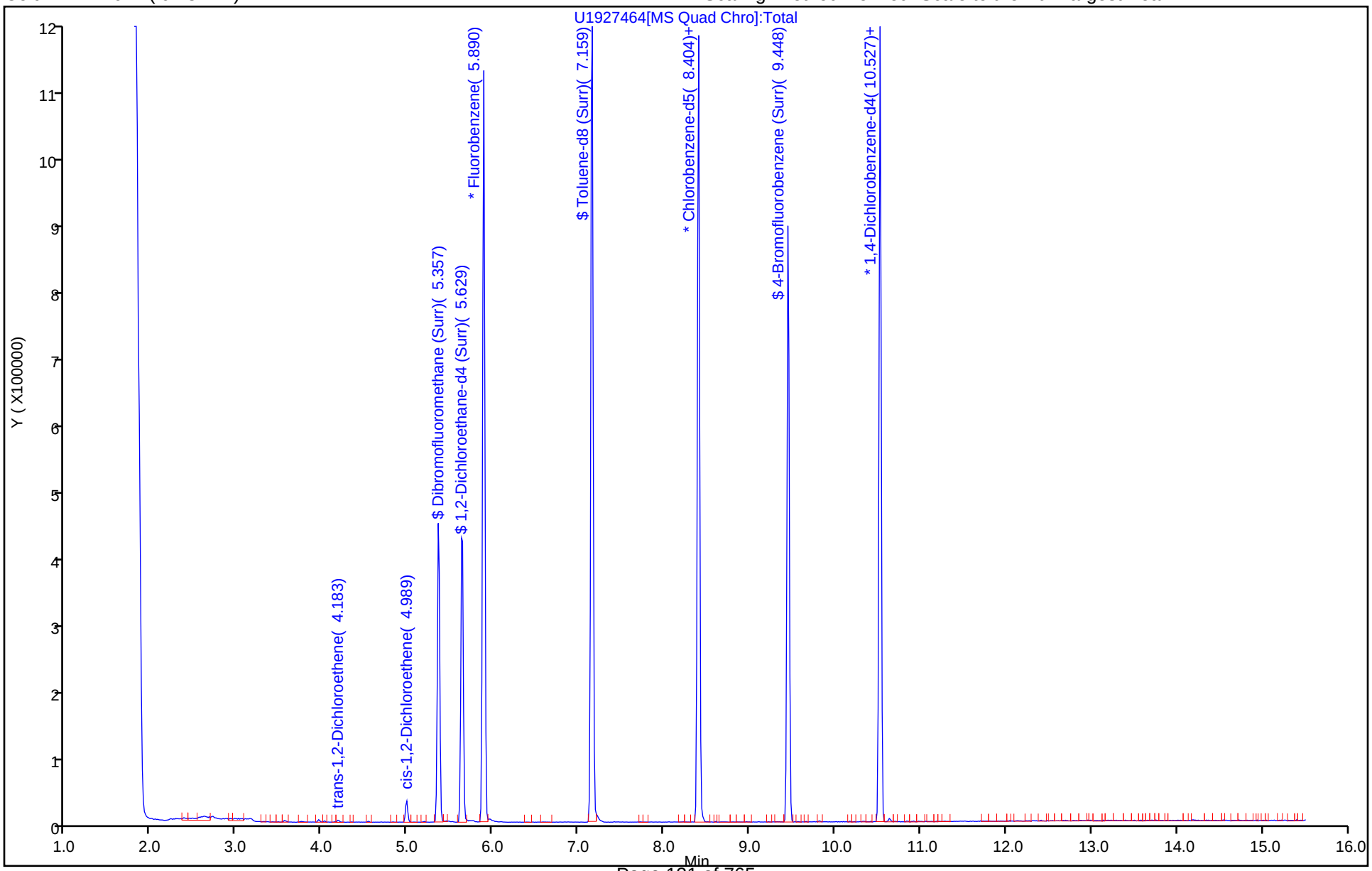
Report Date: 12-May-2022 13:23:54 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927464.D

Injection Date:	12-May-2022 12:54:14	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-2	Lab Sample ID:	240-166223-2	Worklist Smp#:	11
Client ID:	GW-050222-SS-028				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927464.D
Lims ID: 240-166223-B-2
Client ID: GW-050222-SS-028
Sample Type: Client
Inject. Date: 12-May-2022 12:54:14 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-011
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 11:11:18 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 13:23:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	92.10
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	100.11
$ 6 Toluene-d8 (Surr)	20.0	20.7	103.55
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	99.70

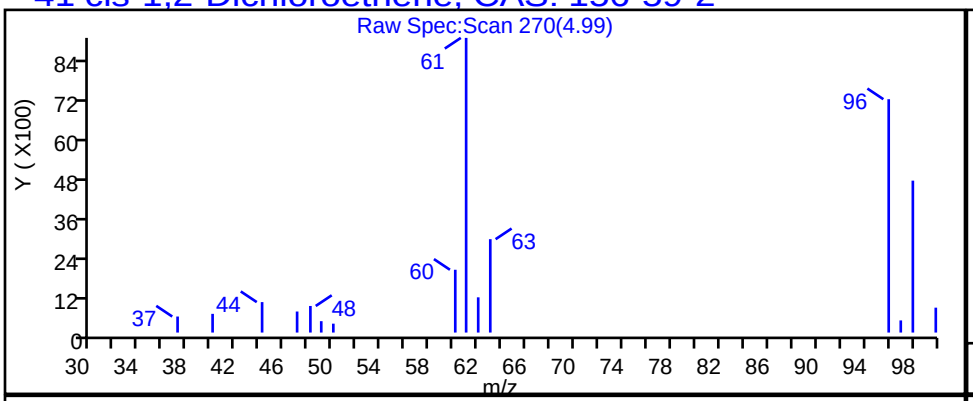
Report Date: 12-May-2022 13:23:54 Chrom Revision: 2.3 12-Apr-2022 20:29:44

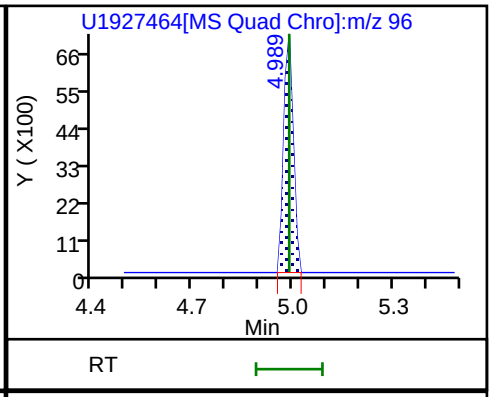
Eurofins Canton

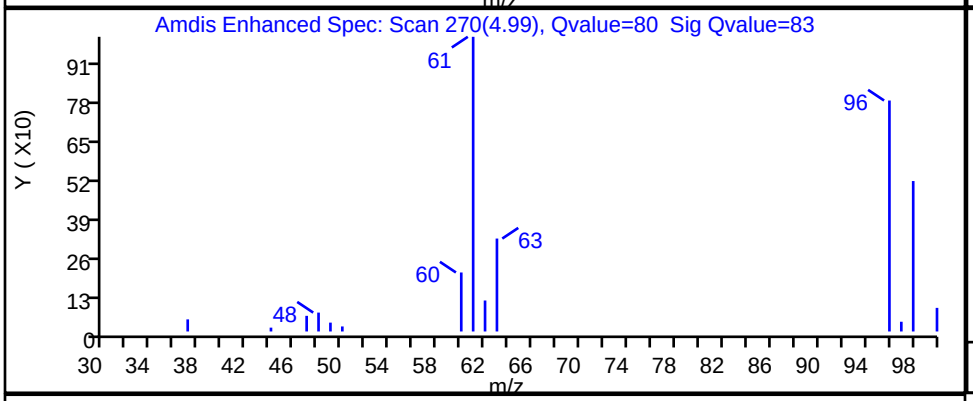
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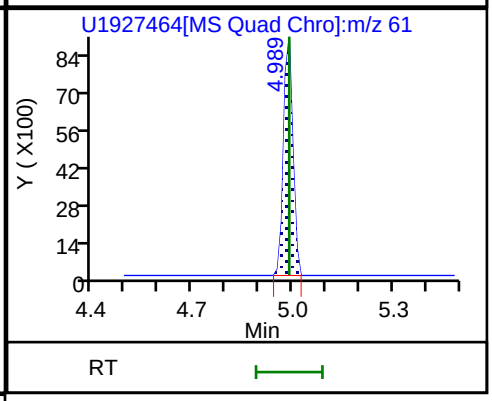
Injection Date:	12-May-2022 12:54:14	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-2	Lab Sample ID:	240-166223-2		
Client ID:	GW-050222-SS-028				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

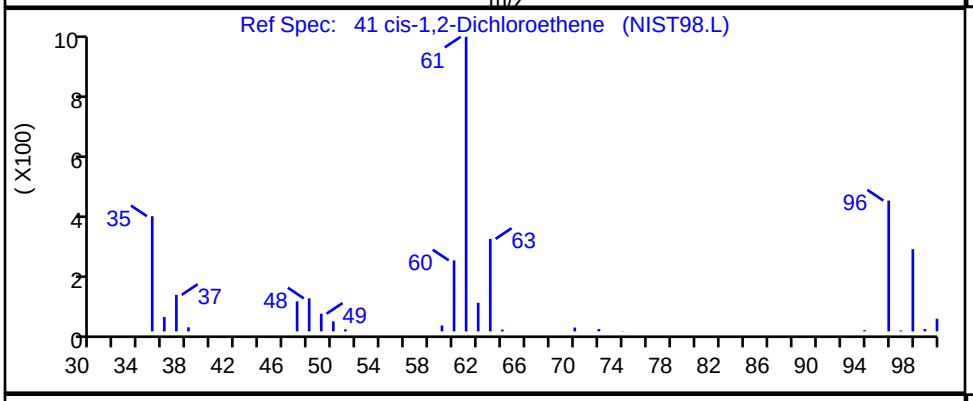
41 cis-1,2-Dichloroethene, CAS: 156-59-2

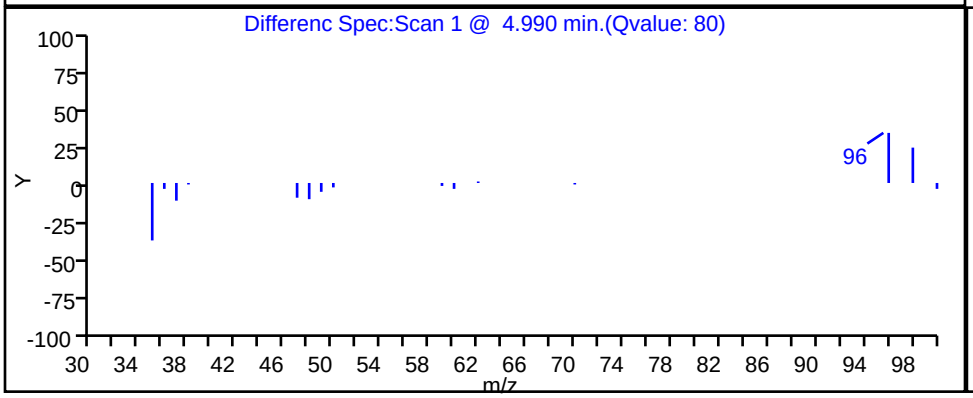


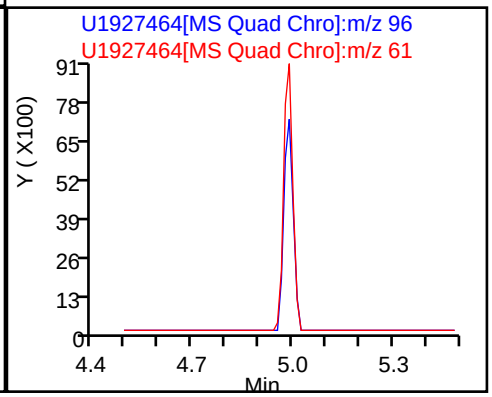












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-029 | Lab Sample ID: 240-166223-3

Matrix: Water | Lab File ID: U1927465.D

Analysis Method: 8260D | Date Collected: 05/02/2022 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	10	U	10	4.8
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	6.0
79-00-5	1,1,2-Trichloroethane	10	U	10	4.8
75-34-3	1,1-Dichloroethane	10	U	10	4.7
75-35-4	1,1-Dichloroethene	10	U	10	4.9
107-06-2	1,2-Dichloroethane	10	U	10	2.1
78-87-5	1,2-Dichloropropane	10	U	10	4.7
591-78-6	2-Hexanone	100	U	100	11
67-64-1	Acetone	100	U	100	54
71-43-2	Benzene	10	U	10	4.2
75-25-2	Bromoform	10	U	10	7.6
74-83-9	Bromomethane	10	U	10	4.2
75-15-0	Carbon disulfide	10	U	10	5.9
56-23-5	Carbon tetrachloride	10	U	10	2.6
108-90-7	Chlorobenzene	10	U	10	3.8
75-00-3	Chloroethane	10	U	10	8.3
67-66-3	Chloroform	10	U	10	4.7
74-87-3	Chloromethane	10	U	10	6.3
156-59-2	cis-1,2-Dichloroethene	430		10	4.6
10061-01-5	cis-1,3-Dichloropropene	10	U	10	6.1
75-27-4	Dichlorobromomethane	10	U	10	1.7
100-41-4	Ethylbenzene	10	U	10	4.2
78-93-3	2-Butanone (MEK)	100	U	100	12
108-10-1	4-Methyl-2-pentanone (MIBK)	100	U	100	9.9
75-09-2	Methylene Chloride	50	U	50	26
100-42-5	Styrene	10	U	10	4.5
127-18-4	Tetrachloroethene	10	U	10	4.4
108-88-3	Toluene	10	U	10	4.4
156-60-5	trans-1,2-Dichloroethene	15		10	5.1
10061-02-6	trans-1,3-Dichloropropene	10	U	10	6.7
79-01-6	Trichloroethene	88		10	4.4
75-01-4	Vinyl chloride	10	U	10	4.5
1330-20-7	Xylenes, Total	20	U	20	4.2
124-48-1	Chlorodibromomethane	10	U	10	3.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-029 | Lab Sample ID: 240-166223-3

Matrix: Water | Lab File ID: U1927465.D

Analysis Method: 8260D | Date Collected: 05/02/2022 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927465.D
Lims ID: 240-166223-B-3
Client ID: GW-050222-SS-029
Sample Type: Client
Inject. Date: 12-May-2022 13:16:23 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 240-0118477-012
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	961980	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	709063	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	343728	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	254841	18.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	98	312691	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	871021	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	315065	19.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	92	4668	0.2750	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	97	5312	0.2974	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.194	4.182	0.012	96	26358	1.52	
35 1,1-Dichloroethane	63	4.550	4.538	0.012	94	4657	0.2187	
40 2-Butanone (MEK)	72		4.953				ND	U
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	639383	43.4	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	92	3739	0.1828	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	126082	8.76	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

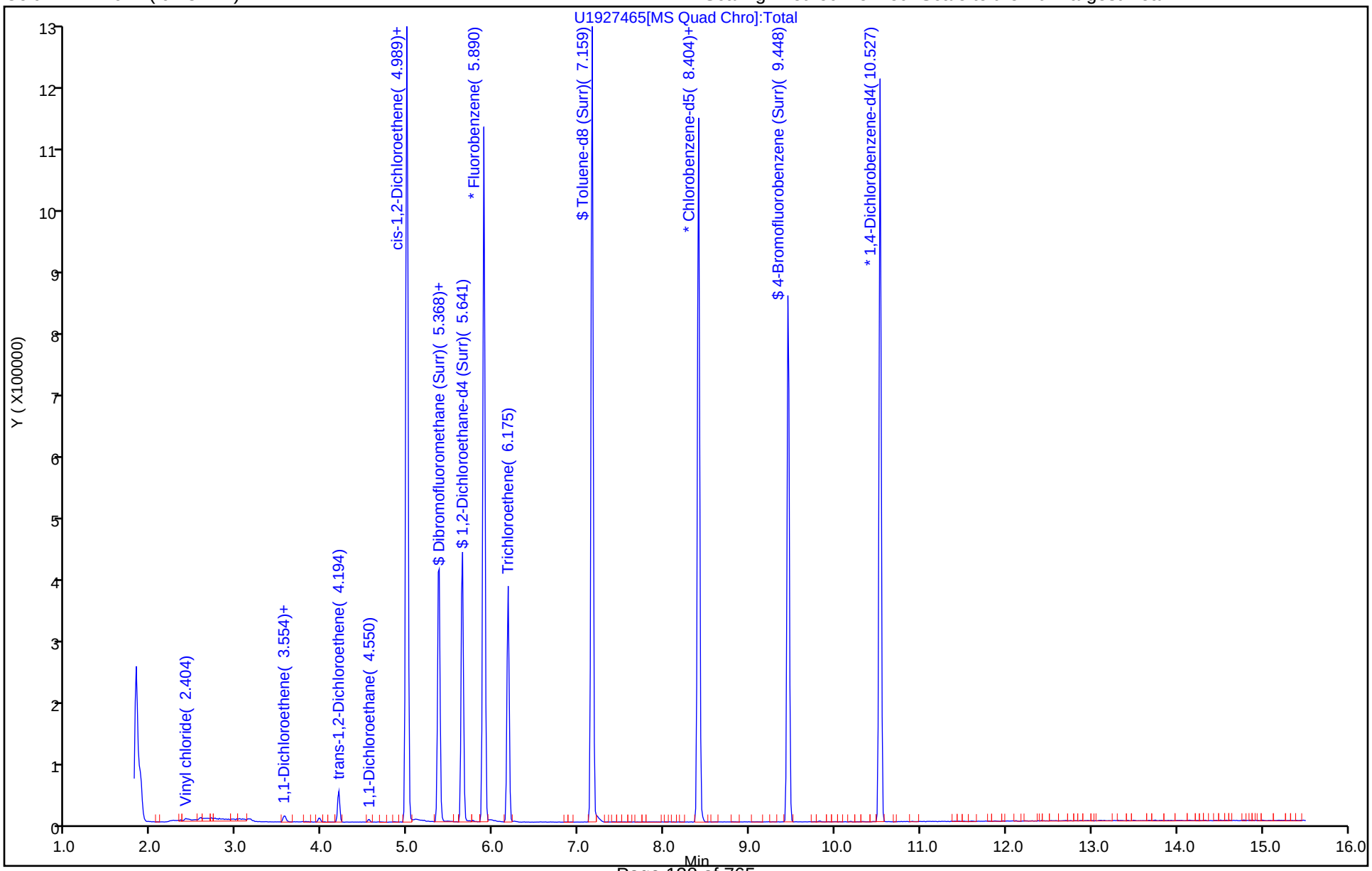
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927465.D

Injection Date:	12-May-2022 13:16:23	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-3	Lab Sample ID:	240-166223-3	Worklist Smp#:	12
Client ID:	GW-050222-SS-029				
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927465.D				
Lims ID:	240-166223-B-3				
Client ID:	GW-050222-SS-029				
Sample Type:	Client				
Inject. Date:	12-May-2022 13:16:23	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Sample Info:	240-0118477-012				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 15:02:21	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 15:02:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.1	905.46
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	988.45
$ 6 Toluene-d8 (Surr)	20.0	20.2	1010.11
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	994.01

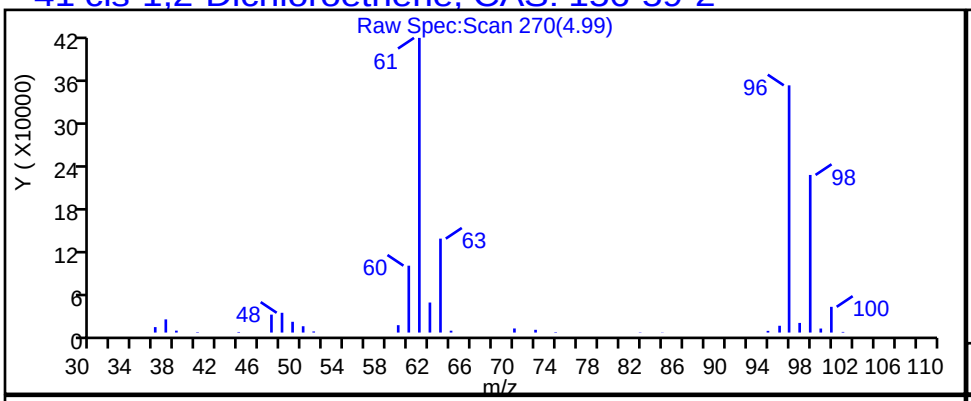
Report Date: 12-May-2022 15:02:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

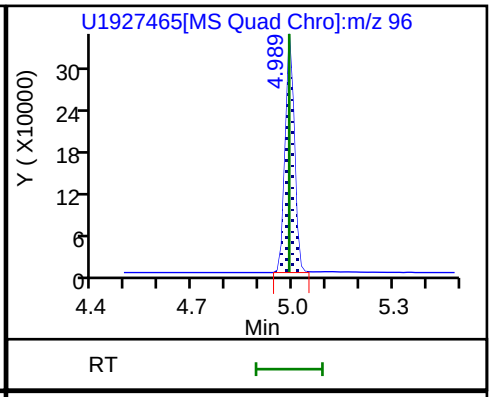
Eurofins Canton

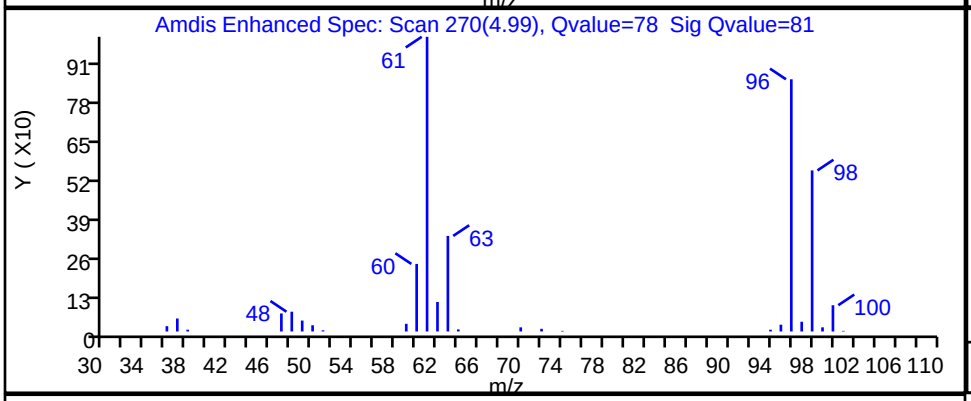
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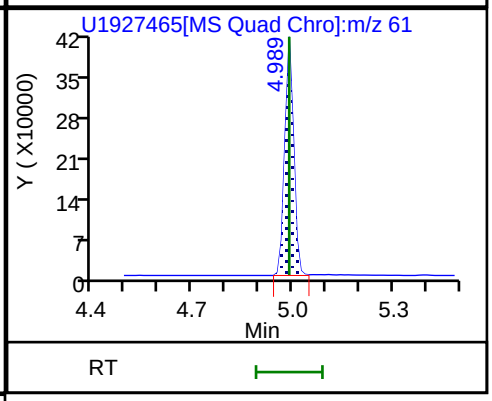
Injection Date:	12-May-2022 13:16:23	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-3	Lab Sample ID:	240-166223-3		
Client ID:	GW-050222-SS-029				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

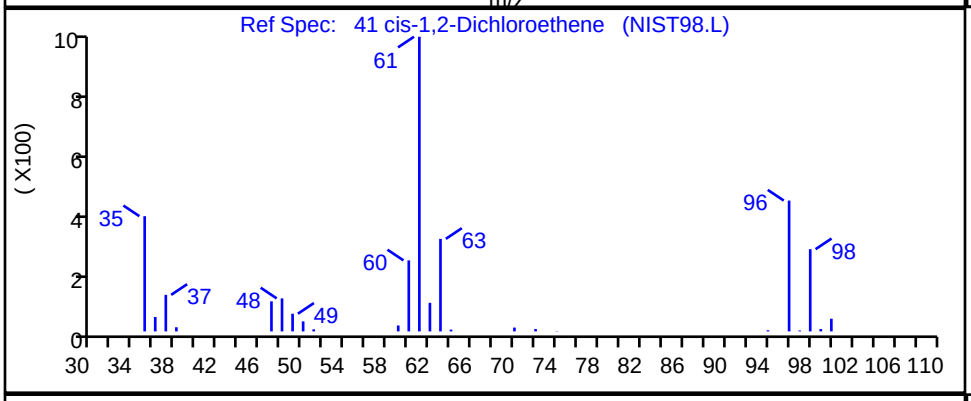
41 cis-1,2-Dichloroethene, CAS: 156-59-2

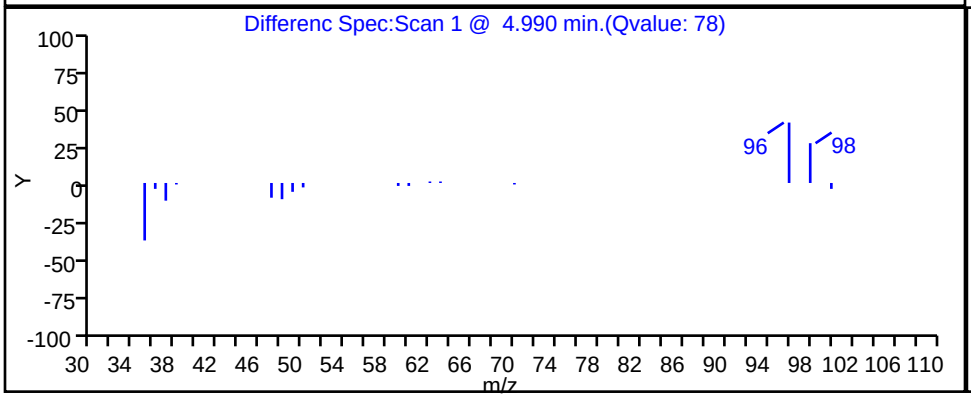


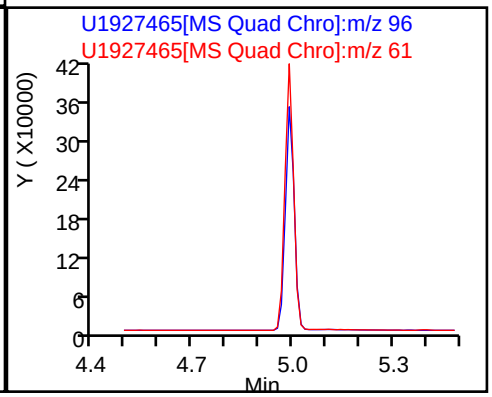












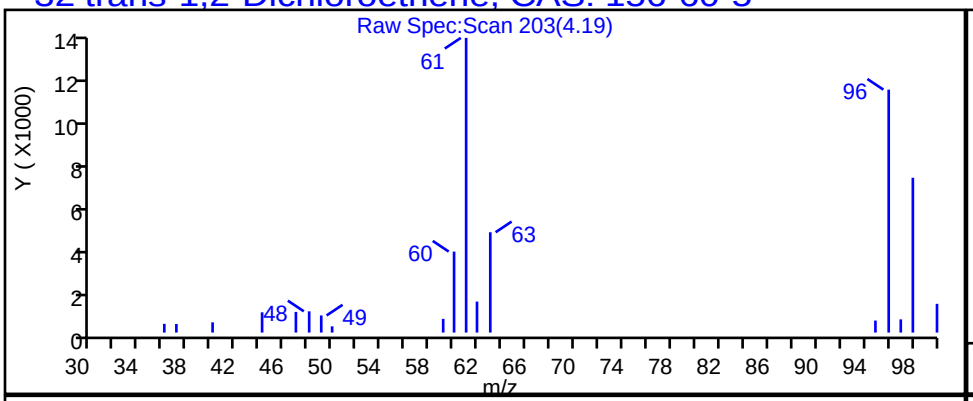
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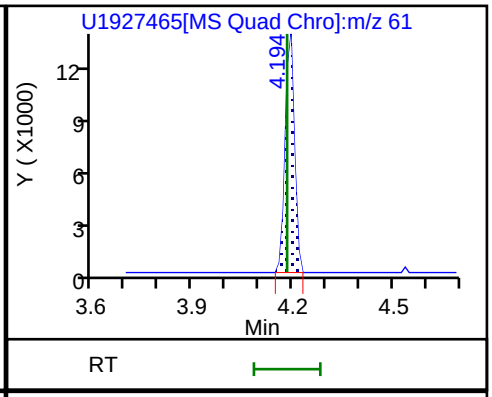
Eurofins Canton

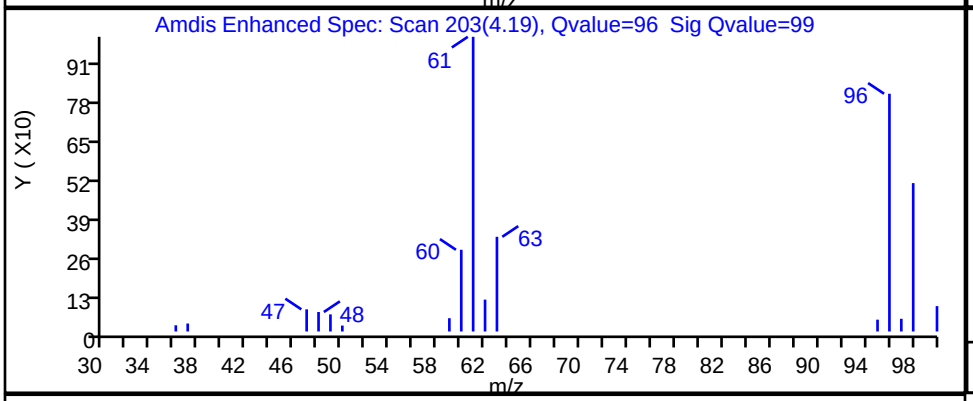
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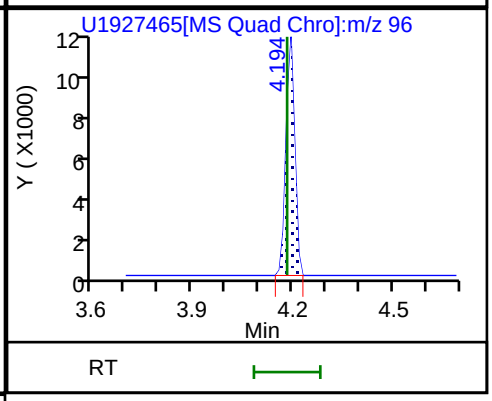
Injection Date:	12-May-2022 13:16:23	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-3	Lab Sample ID:	240-166223-3		
Client ID:	GW-050222-SS-029				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

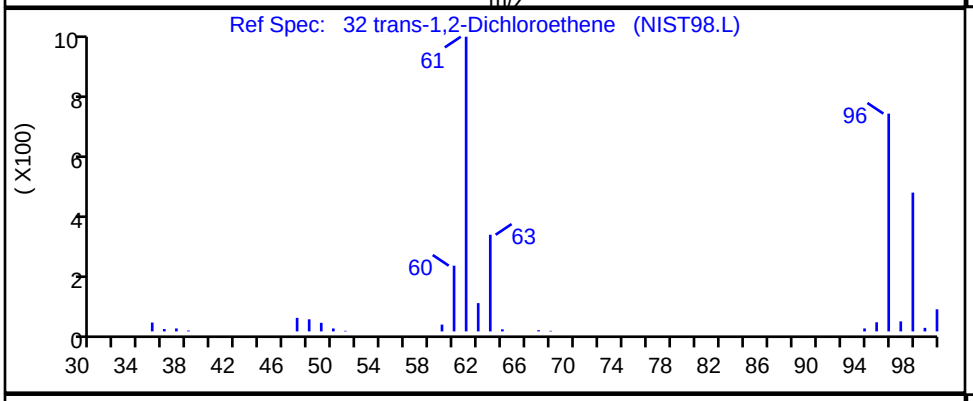
32 trans-1,2-Dichloroethene, CAS: 156-60-5

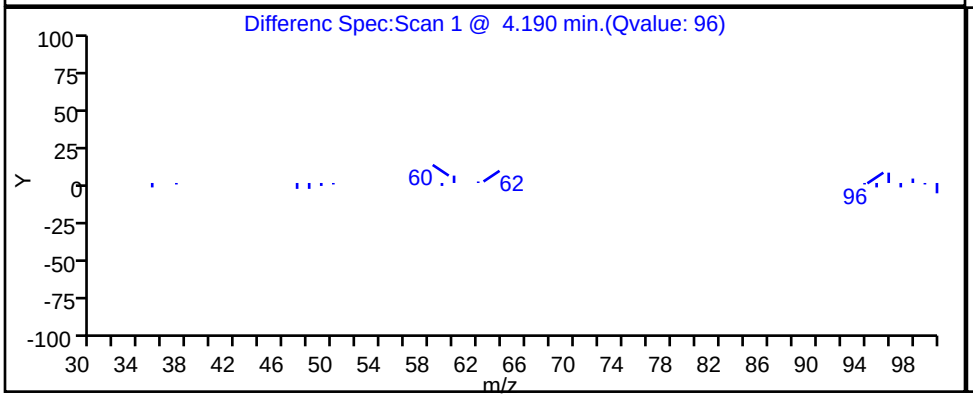


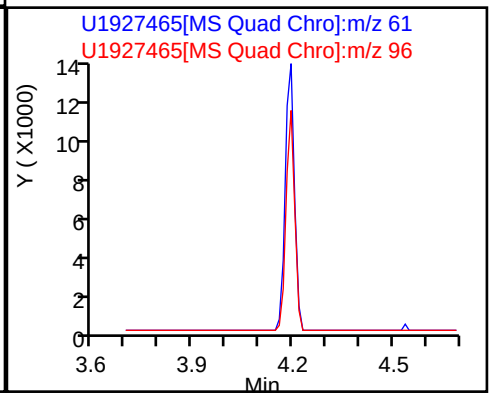












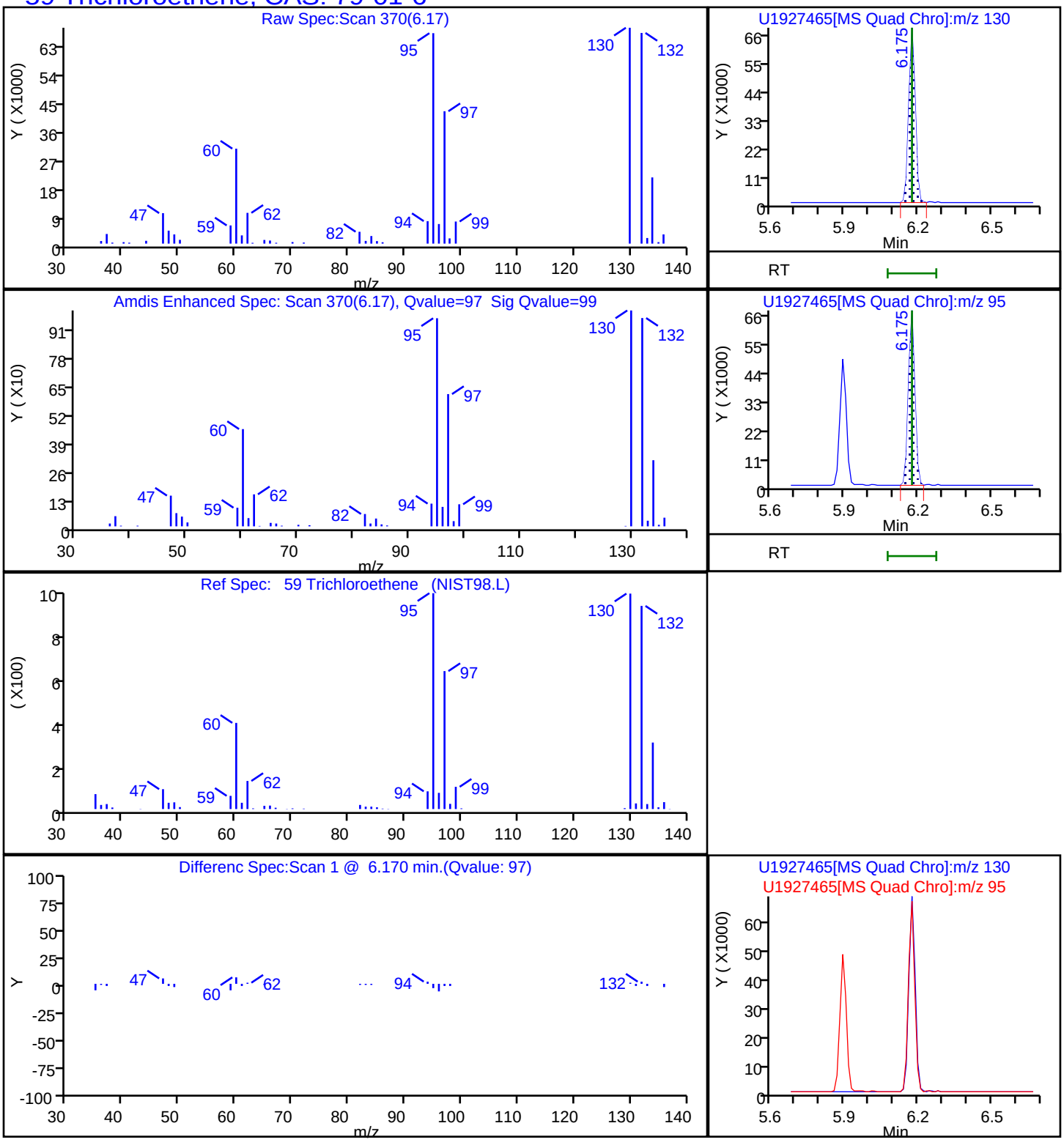
Report Date: 12-May-2022 15:02:21 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927465.D

Injection Date:	12-May-2022 13:16:23	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-3	Lab Sample ID:	240-166223-3		
Client ID:	GW-050222-SS-029				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



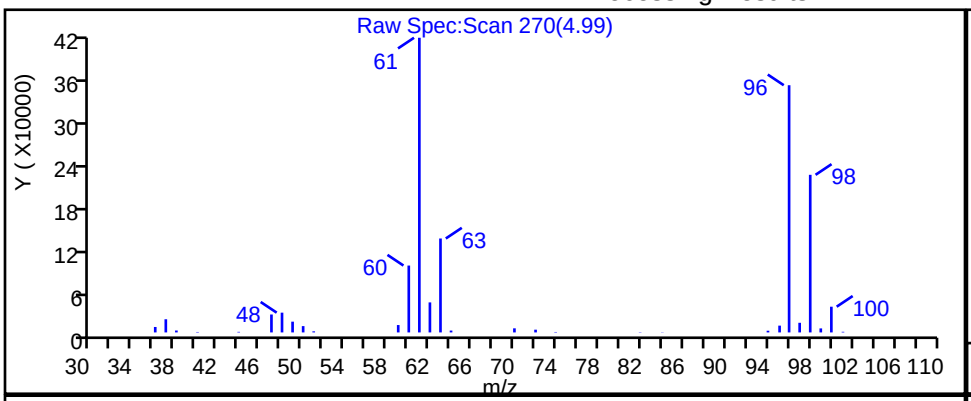
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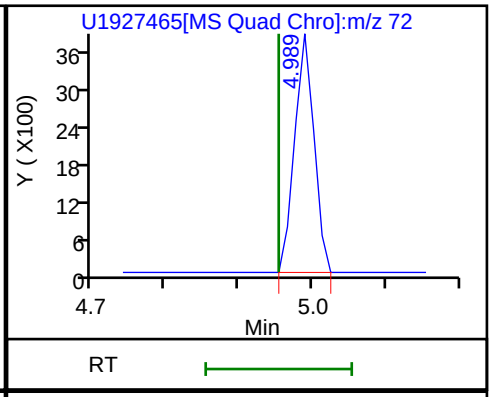
Eurofins Canton

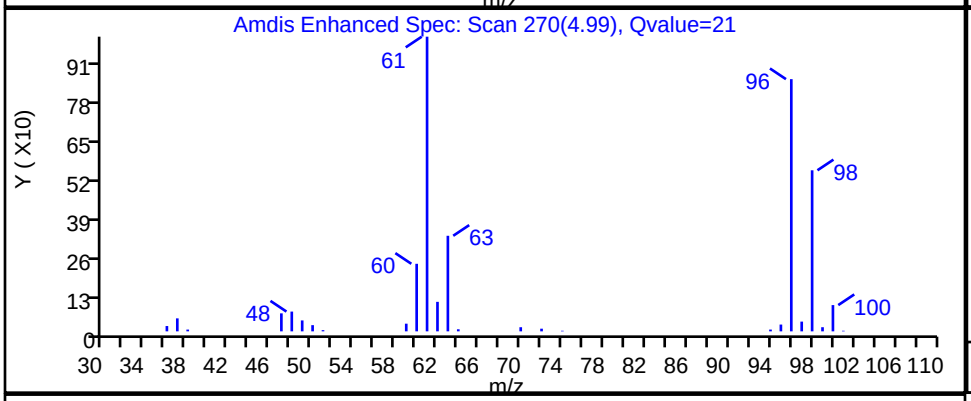
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Injection Date:	12-May-2022 13:16:23	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-3	Lab Sample ID:	240-166223-3		
Client ID:	GW-050222-SS-029				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

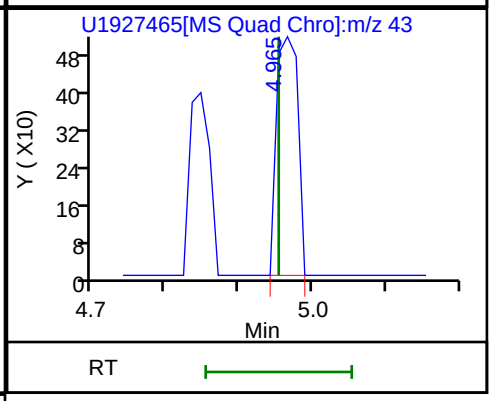
40 2-Butanone (MEK), CAS: 78-93-3

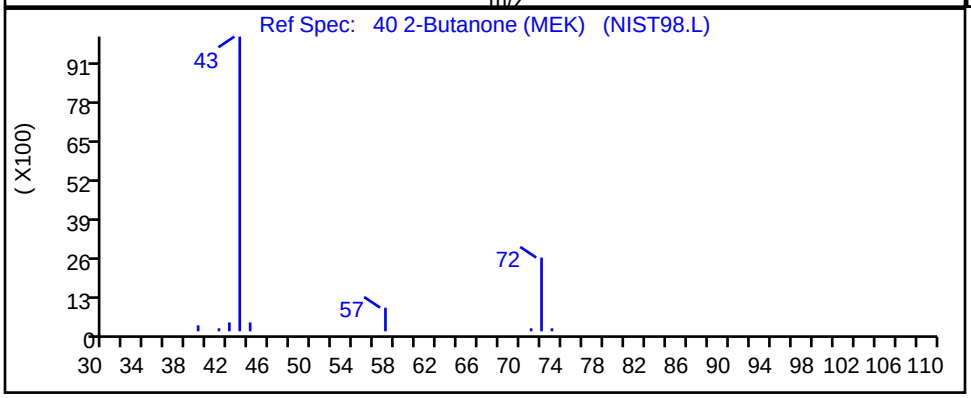
Processing Results











RT	Mass	Response	Amount
4.99	72.00	7078	2.939279
4.97	43.00	1054	

Reviewer: laveyt, 12-May-2022 15:02:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-030 | Lab Sample ID: 240-166223-4

Matrix: Water | Lab File ID: U1927466.D

Analysis Method: 8260D | Date Collected: 05/02/2022 17:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 13:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050222-SS-030 | Lab Sample ID: 240-166223-4

Matrix: Water | Lab File ID: U1927466.D

Analysis Method: 8260D | Date Collected: 05/02/2022 17:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 13:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		62-137
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
2037-26-5	Toluene-d8 (Surr)	100		78-122
1868-53-7	Dibromofluoromethane (Surr)	89		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927466.D
Lims ID: 240-166223-B-4
Client ID: GW-050222-SS-030
Sample Type: Client
Inject. Date: 12-May-2022 13:38:44 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-013
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	969199	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	722977	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	350750	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	253414	17.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	307492	19.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	882877	20.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	317618	19.7	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

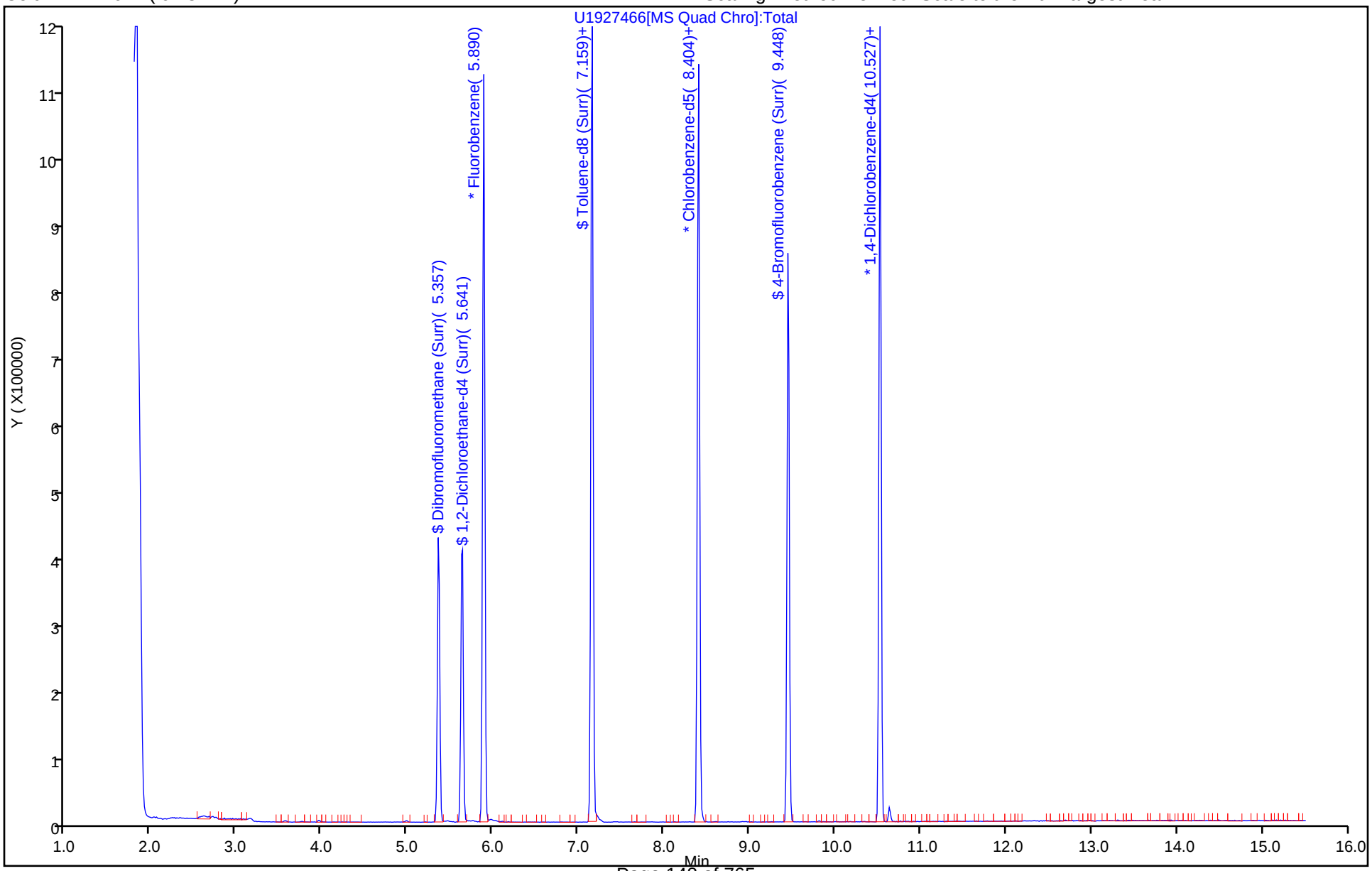
Report Date: 12-May-2022 15:02:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927466.D

Injection Date:	12-May-2022 13:38:44	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-4	Lab Sample ID:	240-166223-4	Worklist Smp#:	13
Client ID:	GW-050222-SS-030				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927466.D
Lims ID: 240-166223-B-4
Client ID: GW-050222-SS-030
Sample Type: Client
Inject. Date: 12-May-2022 13:38:44 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-013
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	17.9	89.37
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.3	96.48
$ 6 Toluene-d8 (Surr)	20.0	20.1	100.42
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.7	98.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: EB-050222-SS-003 | Lab Sample ID: 240-166223-5

Matrix: Water | Lab File ID: U1927467.D

Analysis Method: 8260D | Date Collected: 05/02/2022 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: EB-050222-SS-003 | Lab Sample ID: 240-166223-5

Matrix: Water | Lab File ID: U1927467.D

Analysis Method: 8260D | Date Collected: 05/02/2022 11:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	90		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927467.D
Lims ID: 240-166223-B-5
Client ID: EB-050222-SS-003
Sample Type: Client
Inject. Date: 12-May-2022 14:01:05 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-014
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	935777	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	690893	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	333808	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	247358	18.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	309609	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	846736	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	302779	19.6	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91	7.207	7.218	-0.011	97	5128	0.1067	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

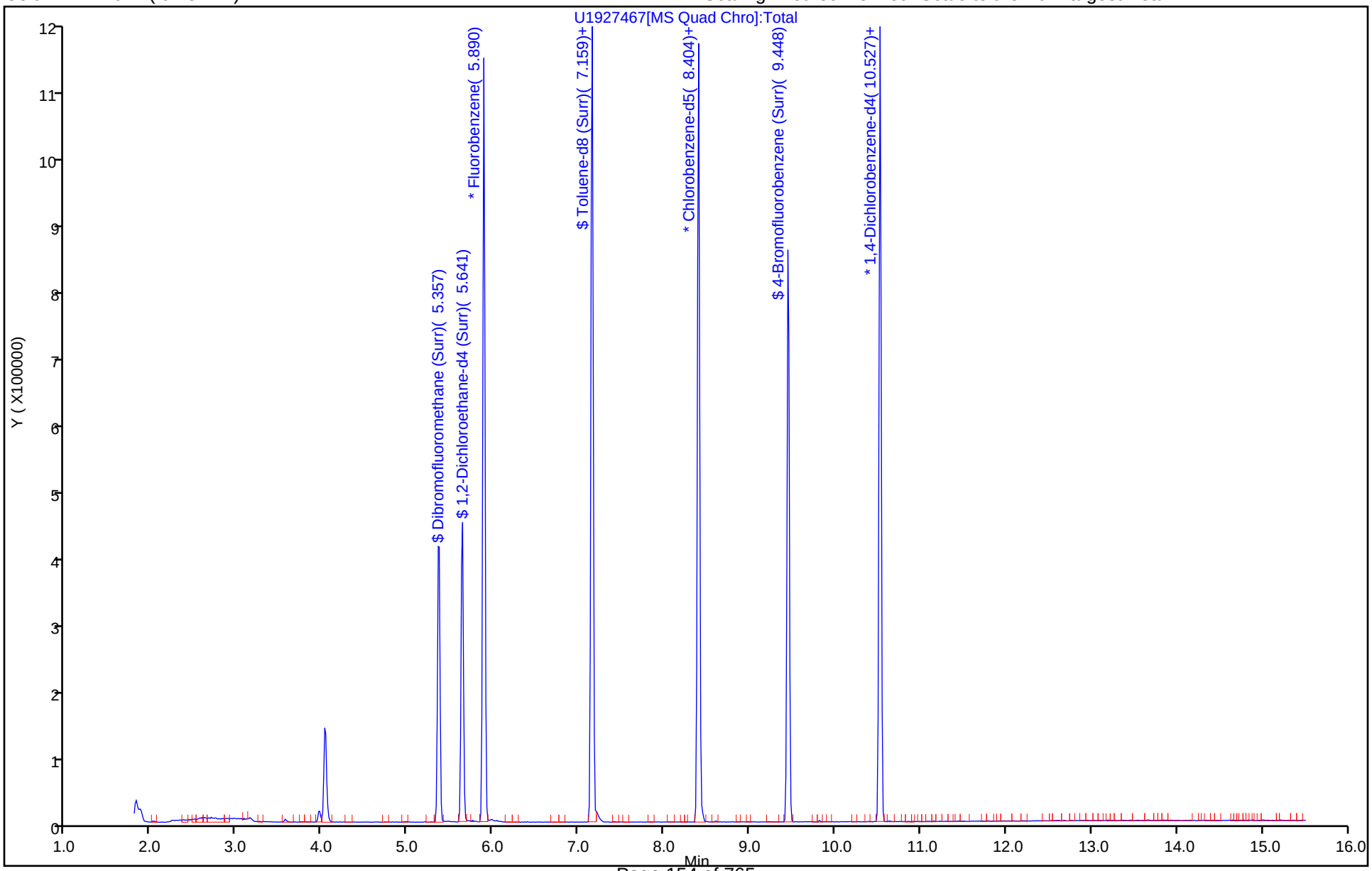
Report Date: 12-May-2022 15:02:47 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927467.D

Injection Date:	12-May-2022 14:01:05	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-5	Lab Sample ID:	240-166223-5	Worklist Smp#:	14
Client ID:	EB-050222-SS-003				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927467.D				
Lims ID:	240-166223-B-5				
Client ID:	EB-050222-SS-003				
Sample Type:	Client				
Inject. Date:	12-May-2022 14:01:05	ALS Bottle#:	0	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-014				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 15:02:21	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 15:02:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.1	90.35
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.1	100.61
$ 6 Toluene-d8 (Surr)	20.0	20.2	100.78
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.6	98.04

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-031 | Lab Sample ID: 240-166223-6

Matrix: Water | Lab File ID: U1927468.D

Analysis Method: 8260D | Date Collected: 05/03/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.98	J	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-031 | Lab Sample ID: 240-166223-6

Matrix: Water | Lab File ID: U1927468.D

Analysis Method: 8260D | Date Collected: 05/03/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	90		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927468.D
Lims ID: 240-166223-B-6
Client ID: GW-050322-SS-031
Sample Type: Client
Inject. Date: 12-May-2022 14:23:37 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-015
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	962198	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	706595	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	346543	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	254545	18.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	97	311550	19.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	878933	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	314823	19.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	20054	0.9801	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

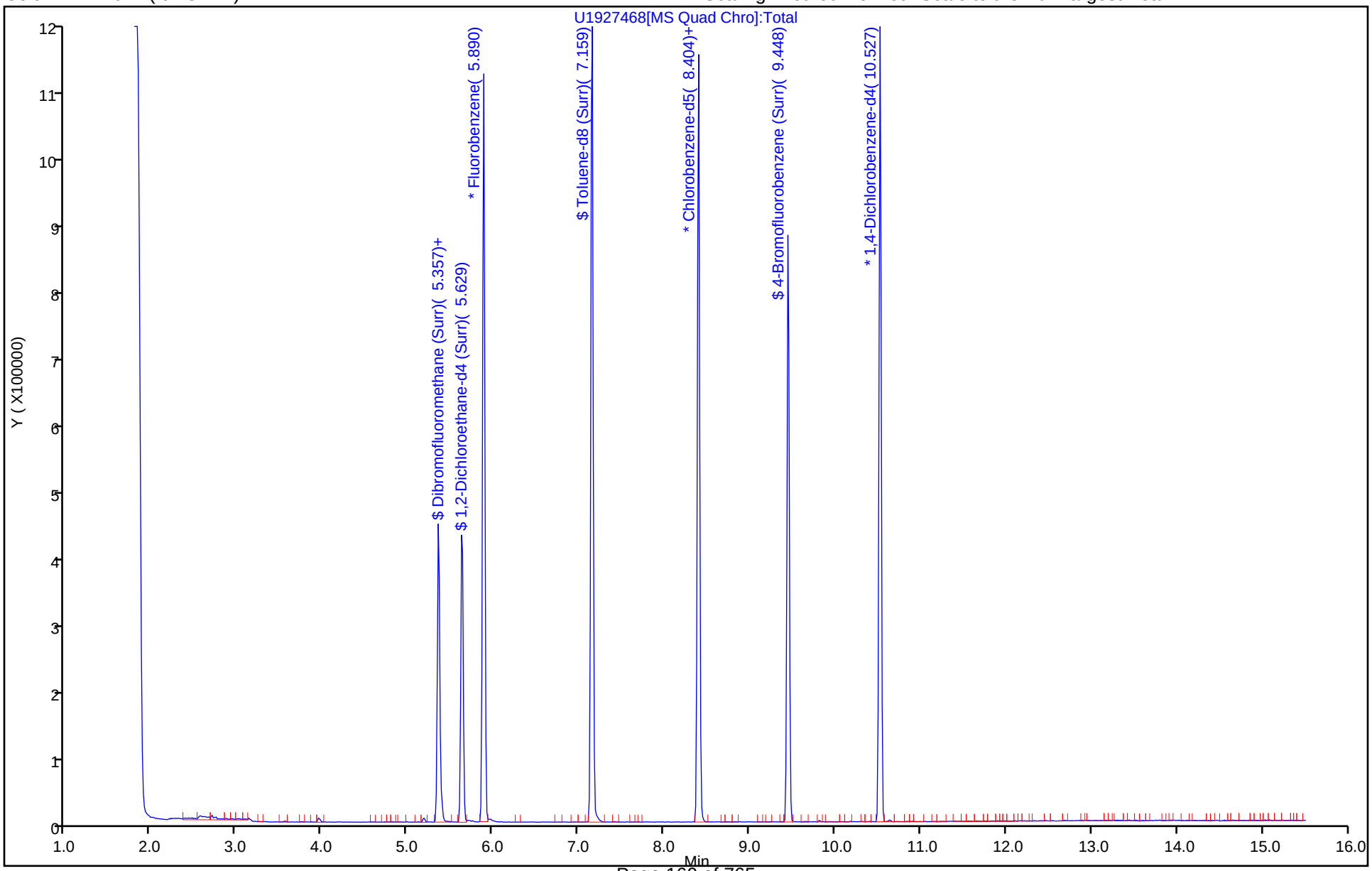
Report Date: 12-May-2022 15:02:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927468.D

Injection Date:	12-May-2022 14:23:37	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-6	Lab Sample ID:	240-166223-6	Worklist Smp#:	15
Client ID:	GW-050322-SS-031				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927468.D
Lims ID: 240-166223-B-6
Client ID: GW-050322-SS-031
Sample Type: Client
Inject. Date: 12-May-2022 14:23:37 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-015
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 15:02:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:02:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.1	90.42
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.7	98.46
$ 6 Toluene-d8 (Surr)	20.0	20.5	102.28
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	99.67

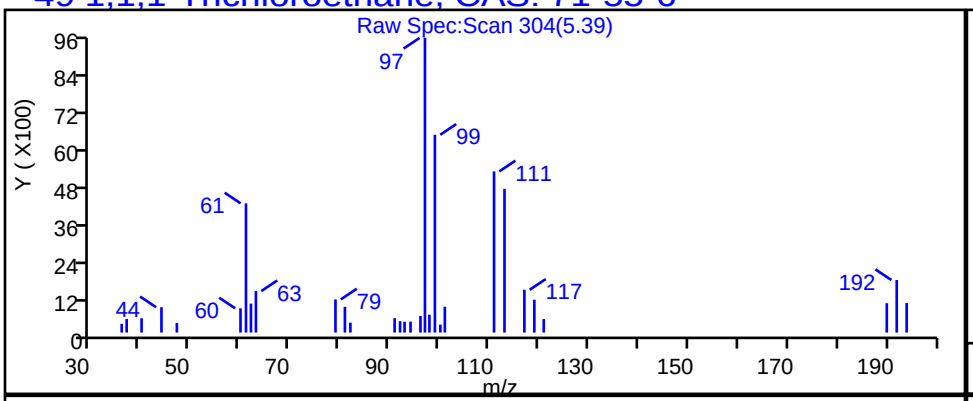
Report Date: 12-May-2022 15:02:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

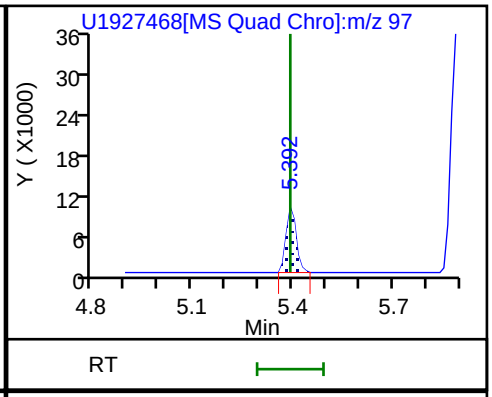
Eurofins Canton

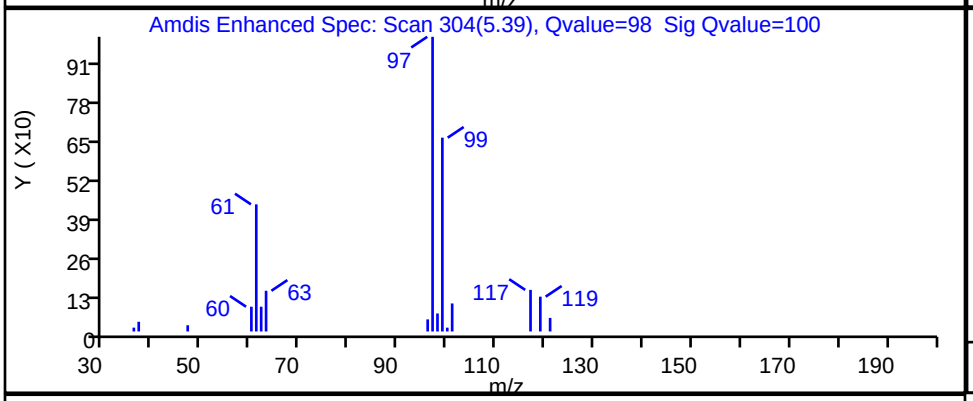
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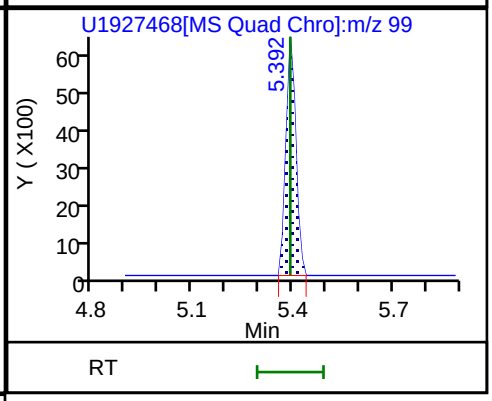
Injection Date:	12-May-2022 14:23:37	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-6	Lab Sample ID:	240-166223-6		
Client ID:	GW-050322-SS-031				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

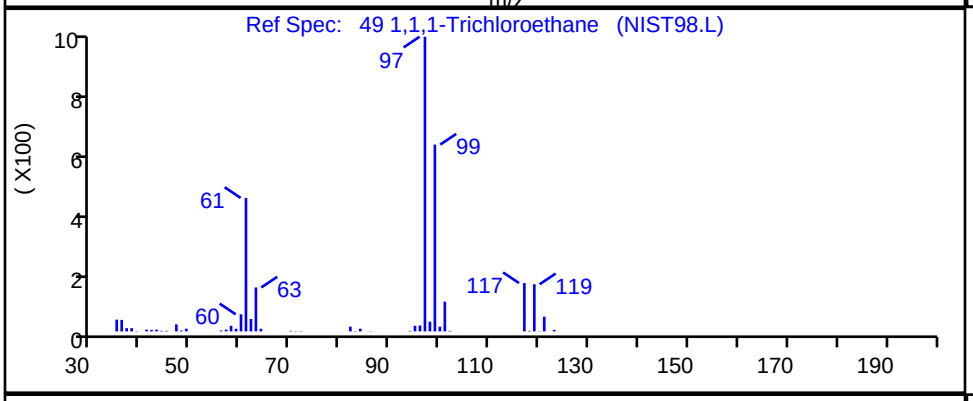
49 1,1,1-Trichloroethane, CAS: 71-55-6

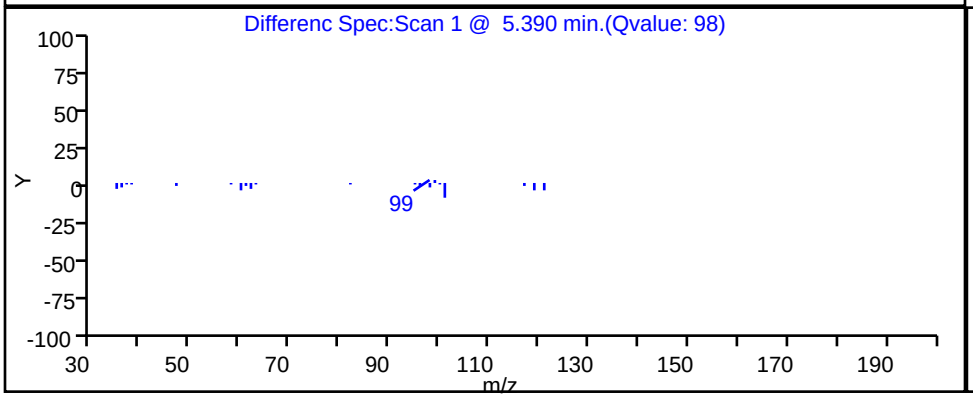


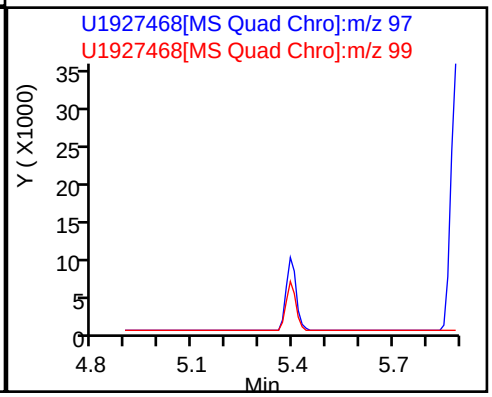












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-032 | Lab Sample ID: 240-166223-7

Matrix: Water | Lab File ID: U1927469.D

Analysis Method: 8260D | Date Collected: 05/03/2022 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	0.53	J	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	56		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.79	J	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-032 | Lab Sample ID: 240-166223-7

Matrix: Water | Lab File ID: U1927469.D

Analysis Method: 8260D | Date Collected: 05/03/2022 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927469.D
Lims ID: 240-166223-B-7
Client ID: GW-050322-SS-032
Sample Type: Client
Inject. Date: 12-May-2022 14:46:08 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-016
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 13:25:26 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:45:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	961600	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	689880	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	327969	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.356	0.000	93	255498	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	311542	19.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	874881	20.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.447	9.448	-0.001	90	309086	20.0	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	7
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	93	3261	0.1826	
22 Acetone	43		3.554				ND	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.182	4.182	0.000	98	13753	0.7944	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	95	11382	0.5347	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	821006	55.7	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130	6.175	6.175	-0.001	90	1877	0.1304	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

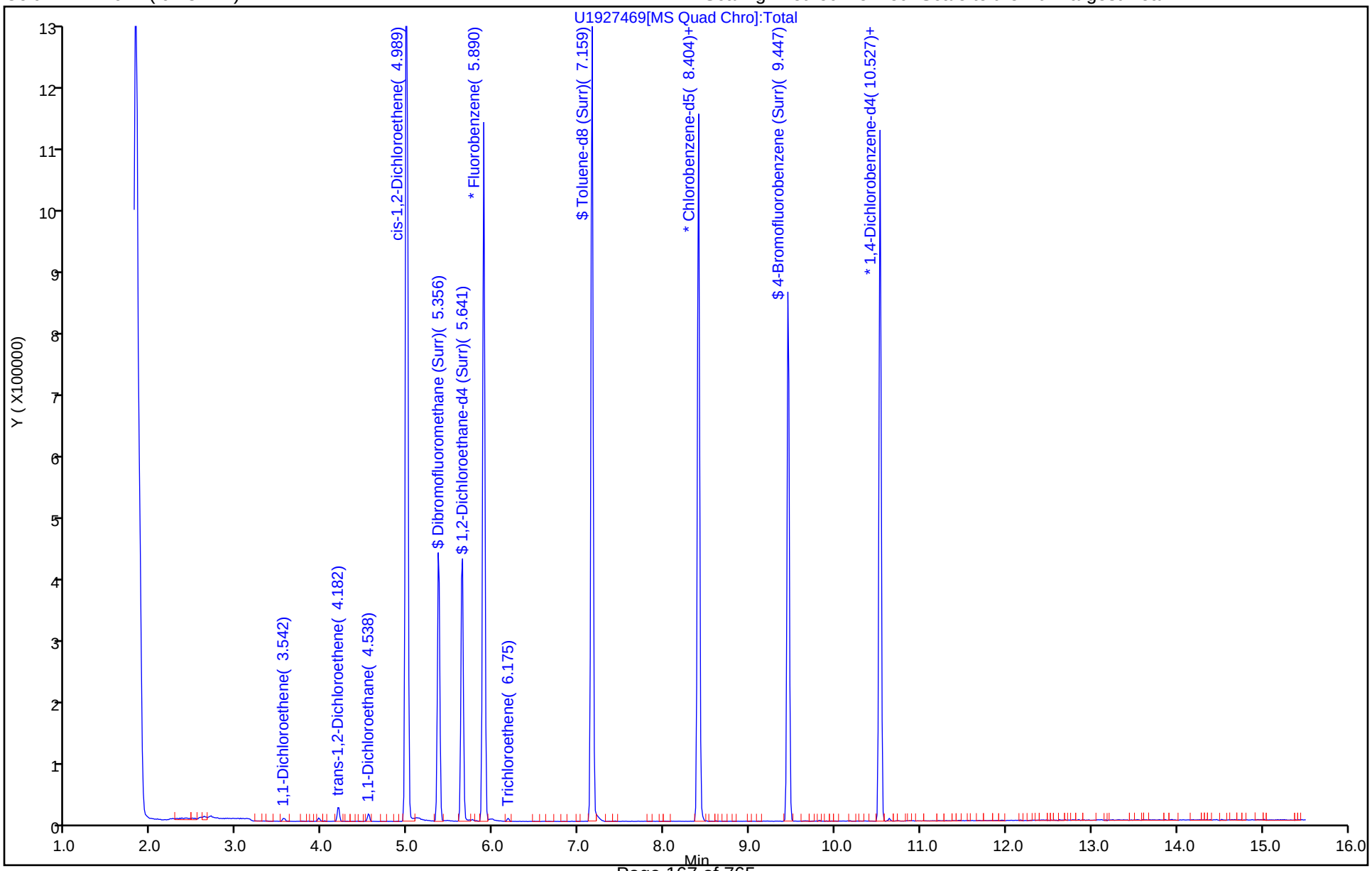
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927469.D

Injection Date:	12-May-2022 14:46:08	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-7	Lab Sample ID:	240-166223-7	Worklist Smp#:	16
Client ID:	GW-050322-SS-032				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927469.D				
Lims ID:	240-166223-B-7				
Client ID:	GW-050322-SS-032				
Sample Type:	Client				
Inject. Date:	12-May-2022 14:46:08	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-016				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 13:25:26	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 15:45:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	90.82
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.7	98.52
$ 6 Toluene-d8 (Surr)	20.0	20.9	104.28
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.0	100.23

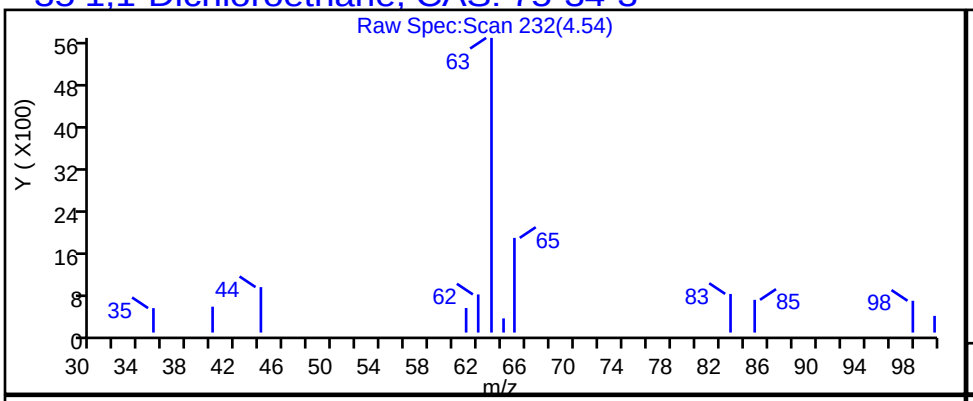
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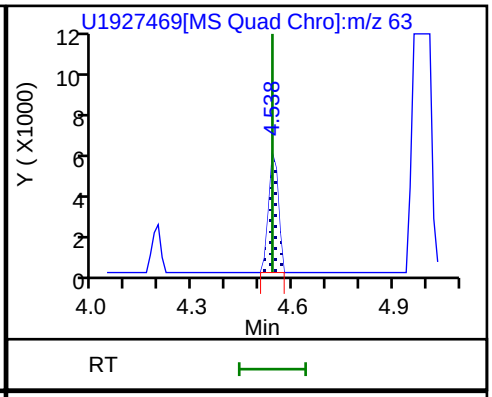
Eurofins Canton

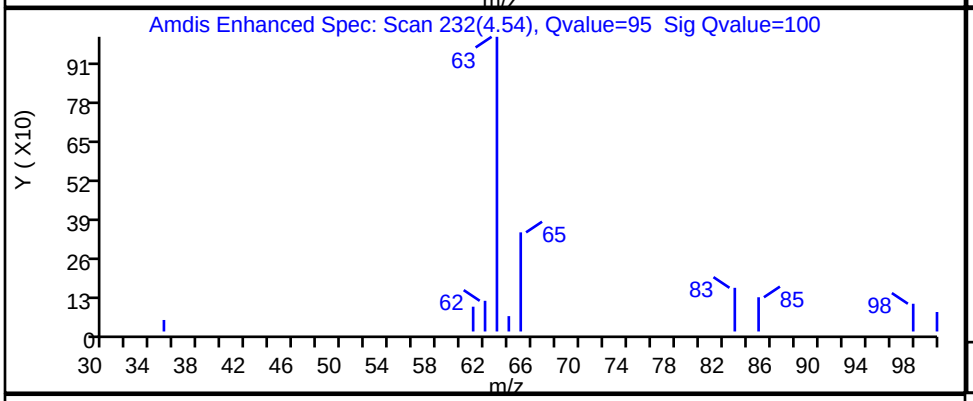
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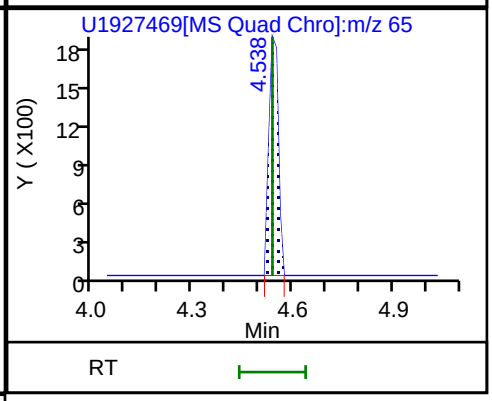
Injection Date:	12-May-2022 14:46:08	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-7	Lab Sample ID:	240-166223-7		
Client ID:	GW-050322-SS-032				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

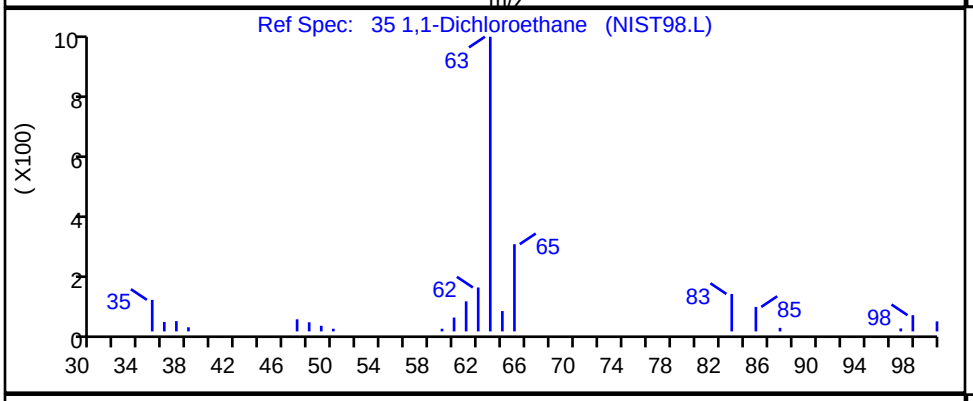
35 1,1-Dichloroethane, CAS: 75-34-3

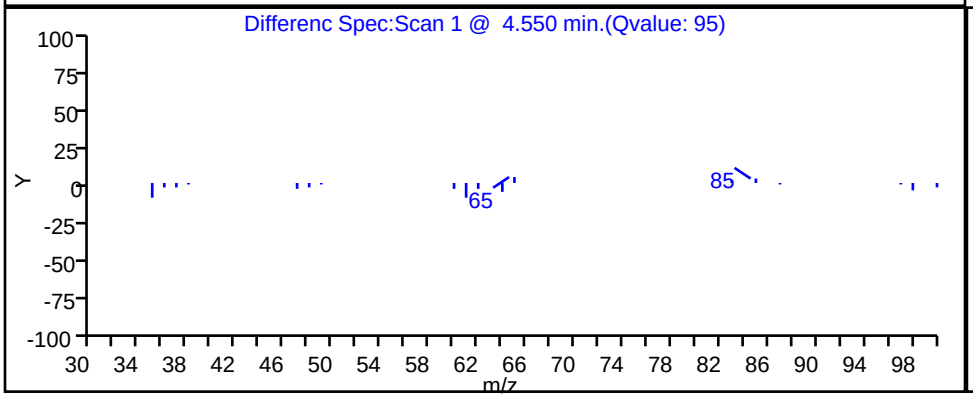


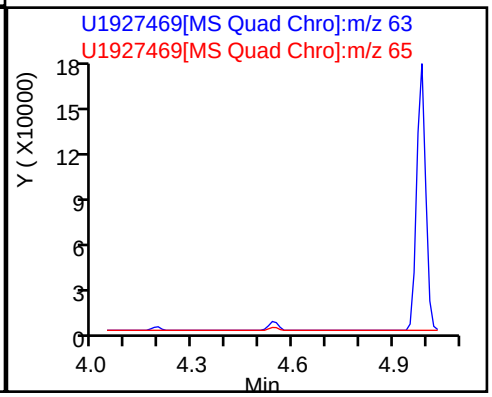












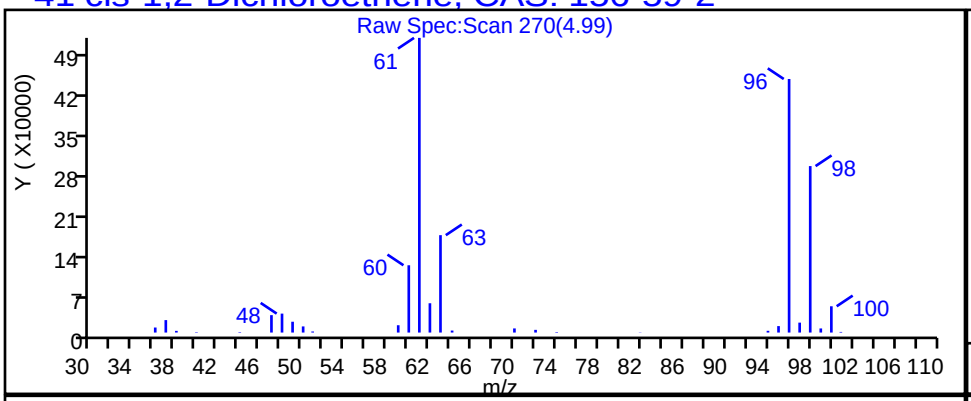
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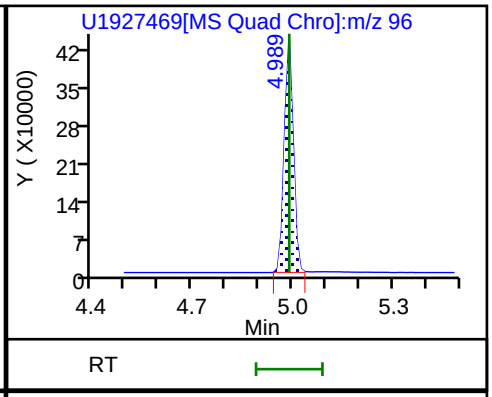
Eurofins Canton

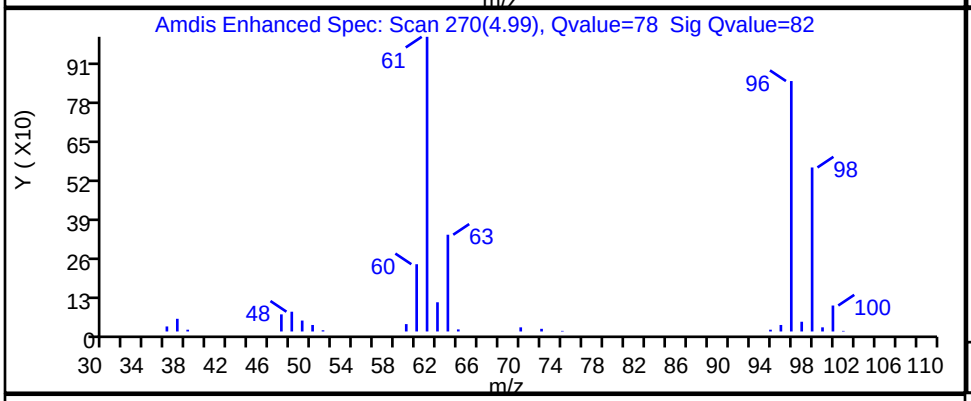
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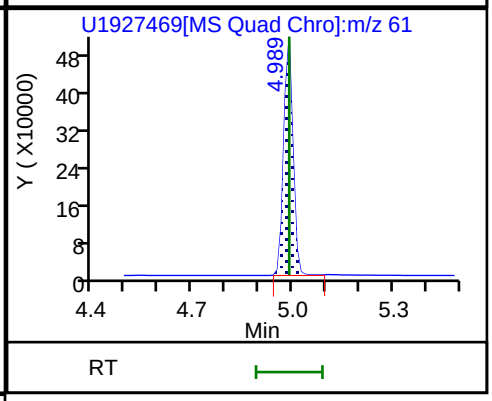
Injection Date:	12-May-2022 14:46:08	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-7	Lab Sample ID:	240-166223-7		
Client ID:	GW-050322-SS-032				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

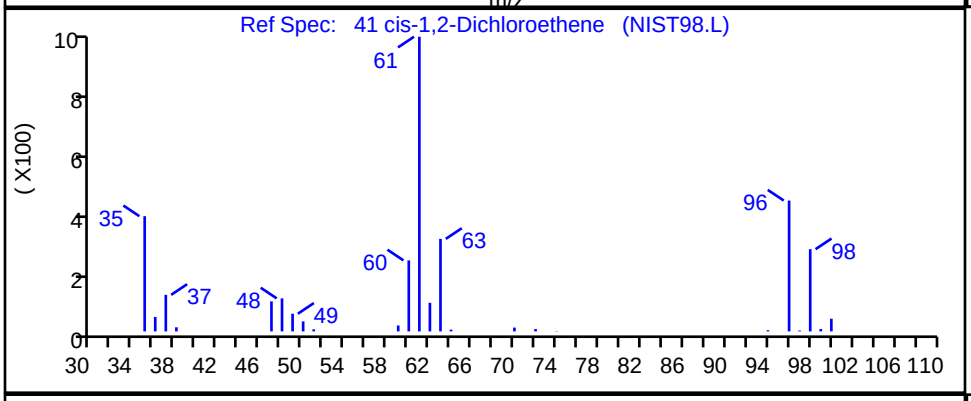
41 cis-1,2-Dichloroethene, CAS: 156-59-2

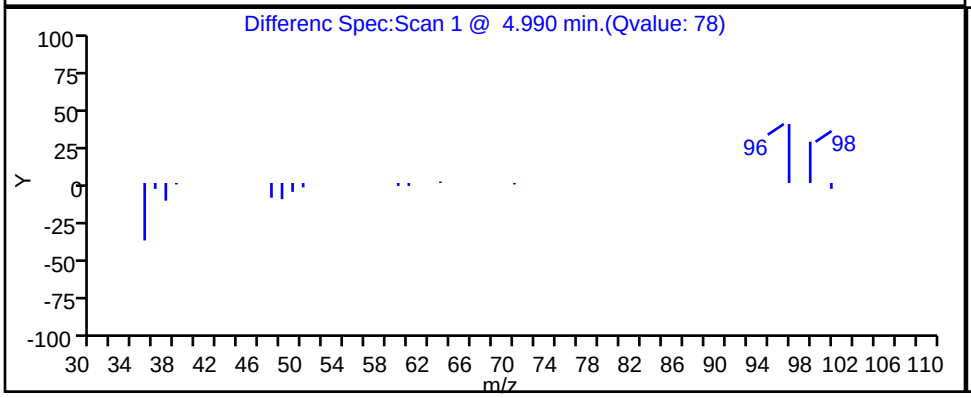


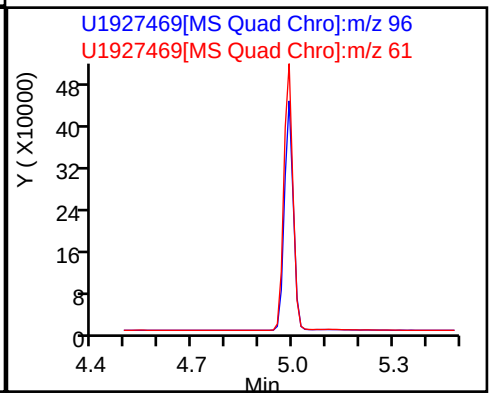












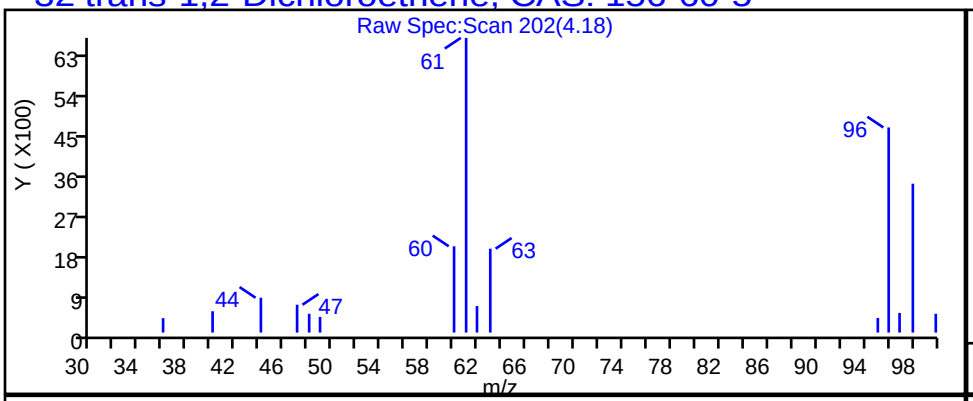
Report Date: 12-May-2022 15:45:30 Chrom Revision: 2.3 12-Apr-2022 20:29:44

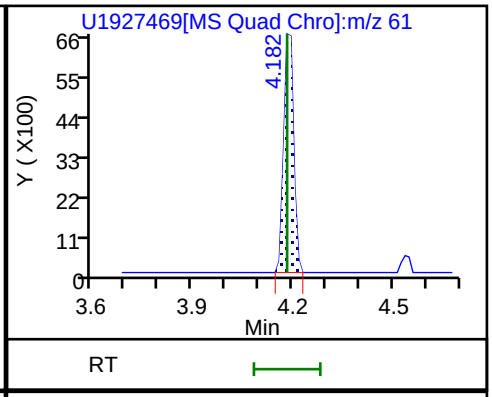
Eurofins Canton

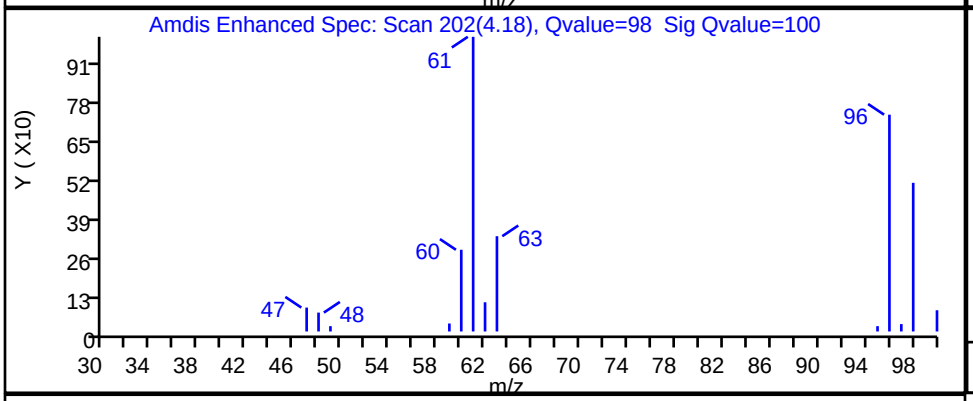
Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927469.D

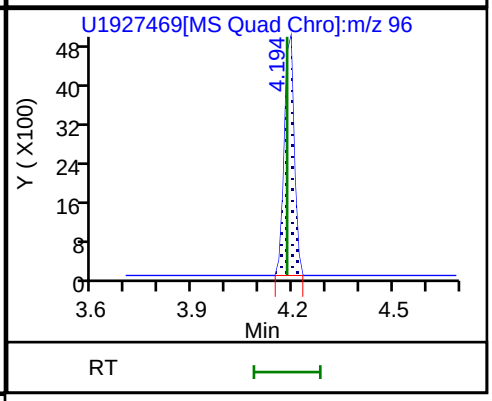
Injection Date:	12-May-2022 14:46:08	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-7	Lab Sample ID:	240-166223-7		
Client ID:	GW-050322-SS-032				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

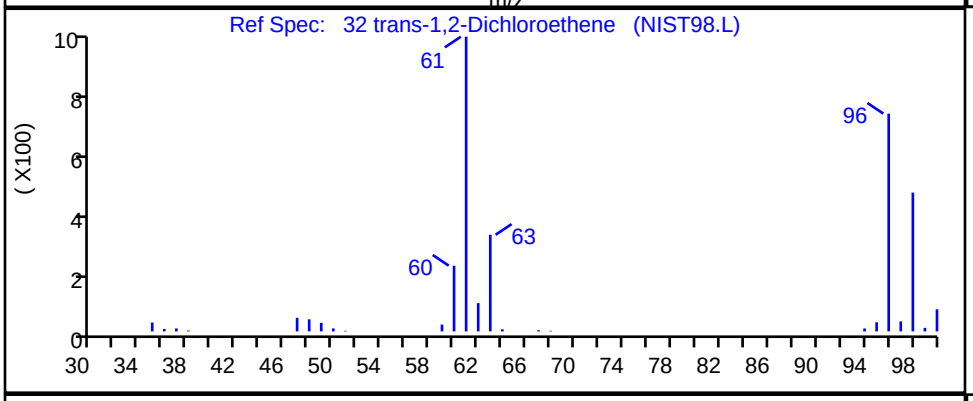
32 trans-1,2-Dichloroethene, CAS: 156-60-5

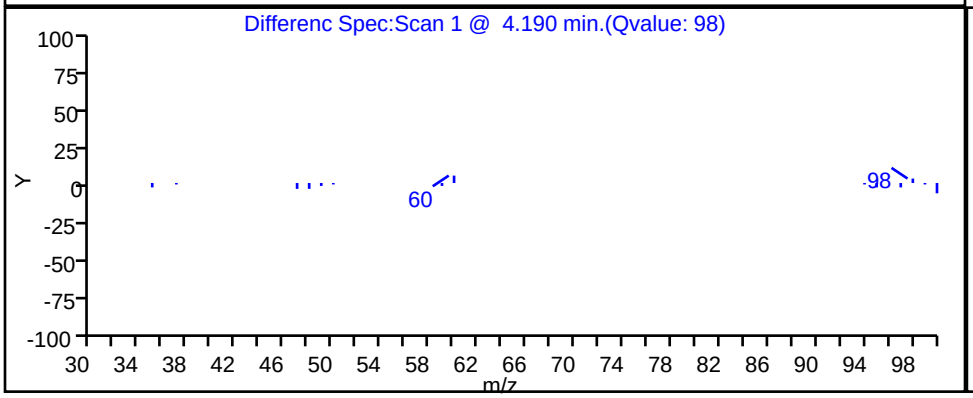


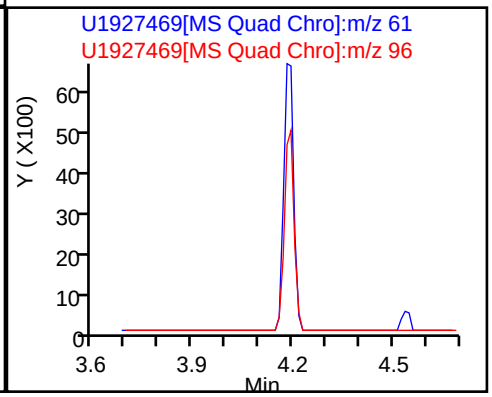












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-033 | Lab Sample ID: 240-166223-8

Matrix: Water | Lab File ID: U1927470.D

Analysis Method: 8260D | Date Collected: 05/03/2022 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-033 | Lab Sample ID: 240-166223-8

Matrix: Water | Lab File ID: U1927470.D

Analysis Method: 8260D | Date Collected: 05/03/2022 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927470.D
Lims ID: 240-166223-C-8
Client ID: GW-050322-SS-033
Sample Type: Client
Inject. Date: 12-May-2022 15:08:28 ALS Bottle#: 0 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-017
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 13:25:26 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:45:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	928752	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	690175	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	333037	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	249165	18.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	302437	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	849286	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	301214	19.5	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	7
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

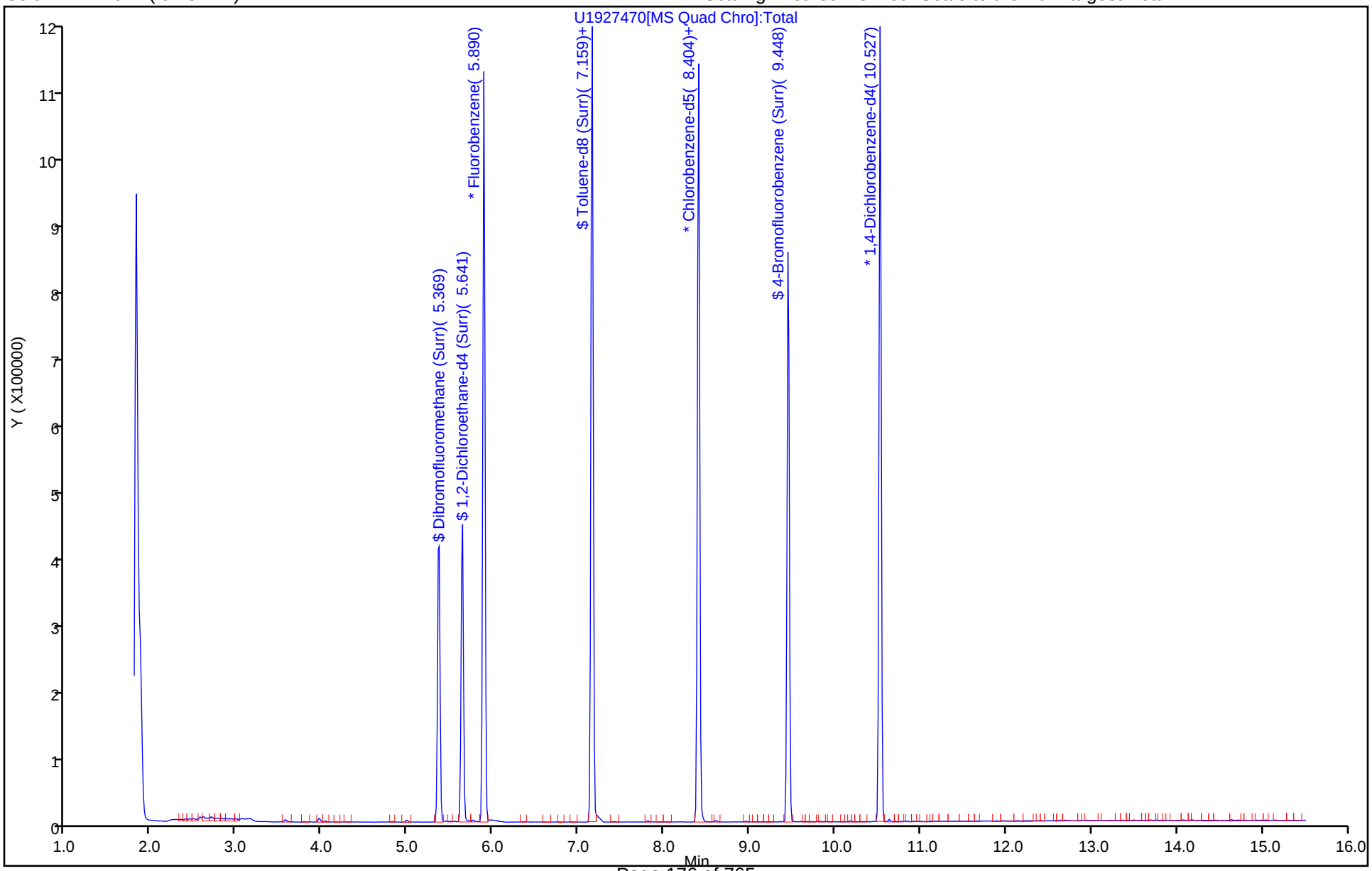
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927470.D

Injection Date:	12-May-2022 15:08:28	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-C-8	Lab Sample ID:	240-166223-8	Worklist Smp#:	17
Client ID:	GW-050322-SS-033				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927470.D				
Lims ID:	240-166223-C-8				
Client ID:	GW-050322-SS-033				
Sample Type:	Client				
Inject. Date:	12-May-2022 15:08:28	ALS Bottle#:	0	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-017				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 13:25:26	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 15:45:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.3	91.70
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	99.02
$ 6 Toluene-d8 (Surr)	20.0	20.2	101.19
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.5	97.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-034 | Lab Sample ID: 240-166223-9

Matrix: Water | Lab File ID: U1927471.D

Analysis Method: 8260D | Date Collected: 05/03/2022 16:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050322-SS-034 | Lab Sample ID: 240-166223-9

Matrix: Water | Lab File ID: U1927471.D

Analysis Method: 8260D | Date Collected: 05/03/2022 16:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927471.D
Lims ID: 240-166223-B-9
Client ID: GW-050322-SS-034
Sample Type: Client
Inject. Date: 12-May-2022 15:31:01 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-018
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 13:47:37 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 15:48:29

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	947779	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	697619	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	338958	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	252282	18.2	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	97	314976	20.2	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	867378	20.4	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	306409	19.7	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62		2.392				ND	
	13 Bromomethane	94		2.748				ND	
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61		3.542				ND	
	22 Acetone	43		3.554				ND	7
	25 Carbon disulfide	76		3.756				ND	7
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61		4.182				ND	
	35 1,1-Dichloroethane	63		4.538				ND	
	40 2-Butanone (MEK)	72		4.953				ND	
	41 cis-1,2-Dichloroethene	96		4.989				ND	7
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	7
	52 Carbon tetrachloride	117		5.522				ND	
	54 Benzene	78		5.665				ND	
	55 1,2-Dichloroethane	62		5.689				ND	
	59 Trichloroethene	130		6.175				ND	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.566				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

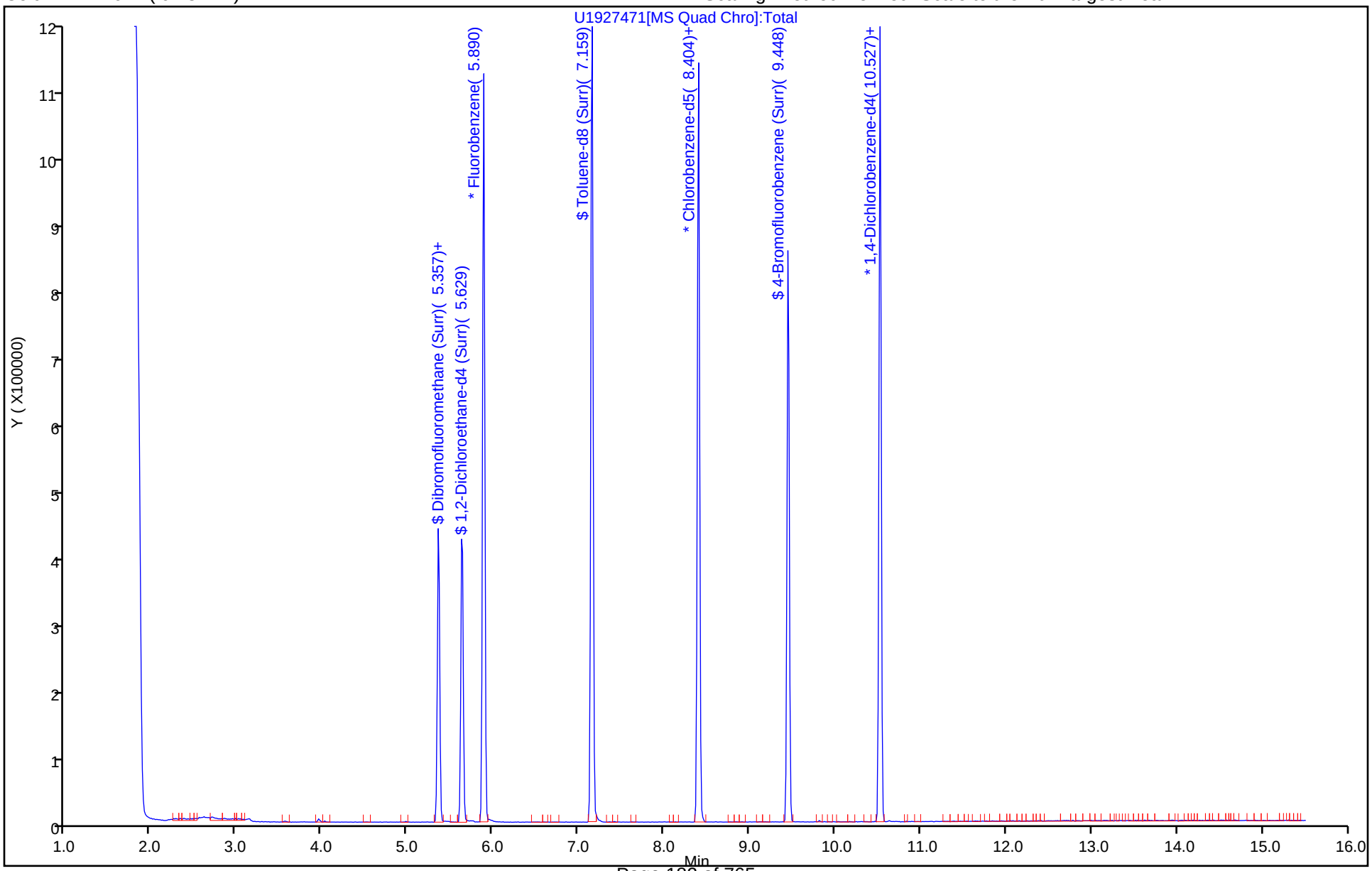
Report Date: 12-May-2022 15:48:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927471.D

Injection Date:	12-May-2022 15:31:01	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-9	Lab Sample ID:	240-166223-9	Worklist Smp#:	18
Client ID:	GW-050322-SS-034				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927471.D				
Lims ID:	240-166223-B-9				
Client ID:	GW-050322-SS-034				
Sample Type:	Client				
Inject. Date:	12-May-2022 15:31:01	ALS Bottle#:	0	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-018				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	12-May-2022 13:47:37	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1622				

First Level Reviewer: laveyt Date: 12-May-2022 15:48:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	90.98
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	101.06
$ 6 Toluene-d8 (Surr)	20.0	20.4	102.24
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.7	98.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050322-SS-001 | Lab Sample ID: 240-166223-10

Matrix: Water | Lab File ID: U1927472.D

Analysis Method: 8260D | Date Collected: 05/03/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050322-SS-001 | Lab Sample ID: 240-166223-10

Matrix: Water | Lab File ID: U1927472.D

Analysis Method: 8260D | Date Collected: 05/03/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 15:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927472.D
Lims ID: 240-166223-B-10
Client ID: SW-050322-SS-001
Sample Type: Client
Inject. Date: 12-May-2022 15:53:33 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-019
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:49:49 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:49:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	902568	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	662159	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	316408	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	245260	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	302133	20.4	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	836332	20.8	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	294667	19.9	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	U
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	7
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

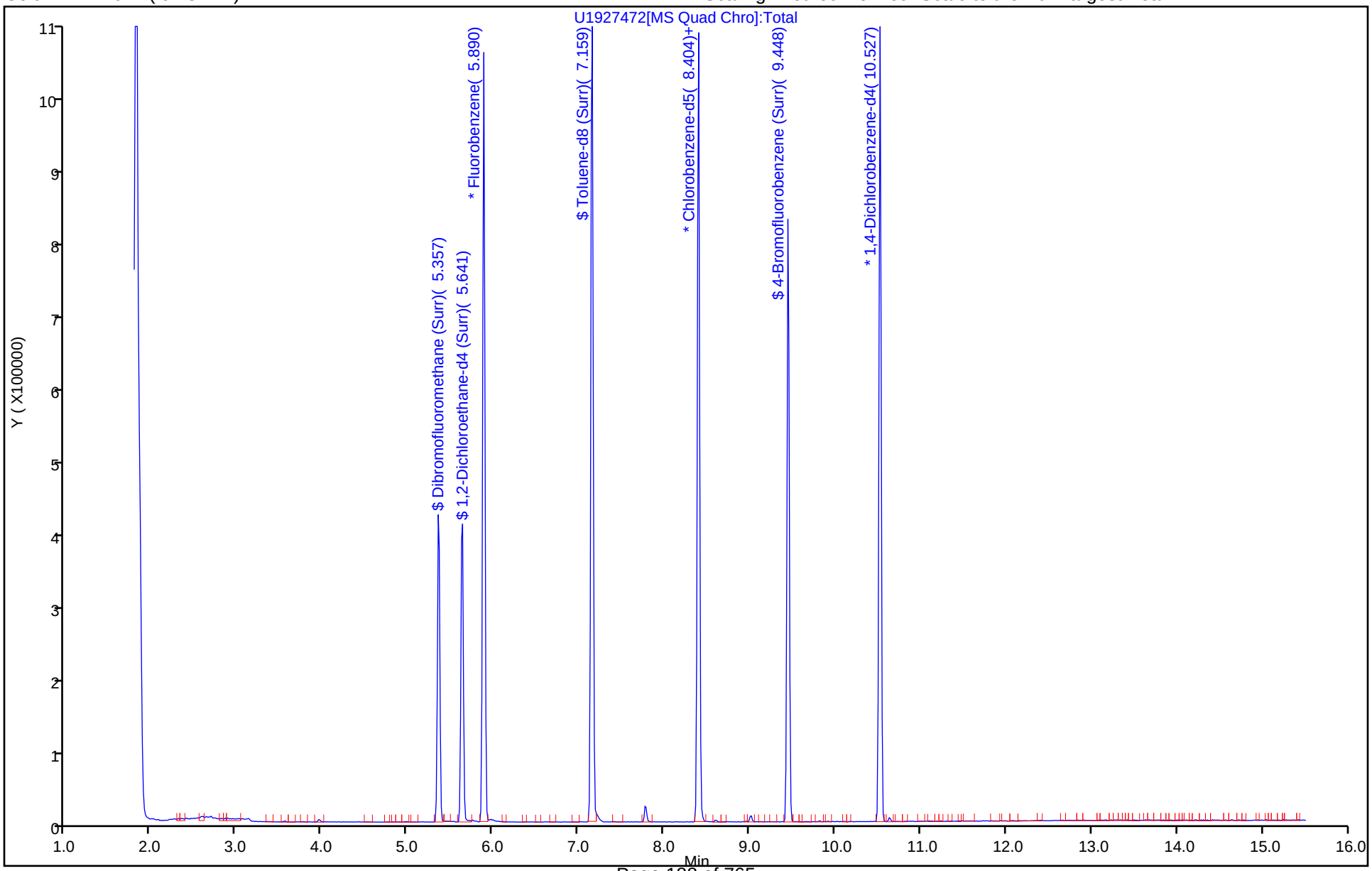
Report Date: 13-May-2022 08:49:49 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927472.D

Injection Date:	12-May-2022 15:53:33	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-10	Lab Sample ID:	240-166223-10	Worklist Smp#:	19
Client ID:	SW-050322-SS-001				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927472.D
Lims ID: 240-166223-B-10
Client ID: SW-050322-SS-001
Sample Type: Client
Inject. Date: 12-May-2022 15:53:33 ALS Bottle#: 0 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-019
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:49:49 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:49:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	92.88
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.4	101.79
$ 6 Toluene-d8 (Surr)	20.0	20.8	103.86
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	99.55

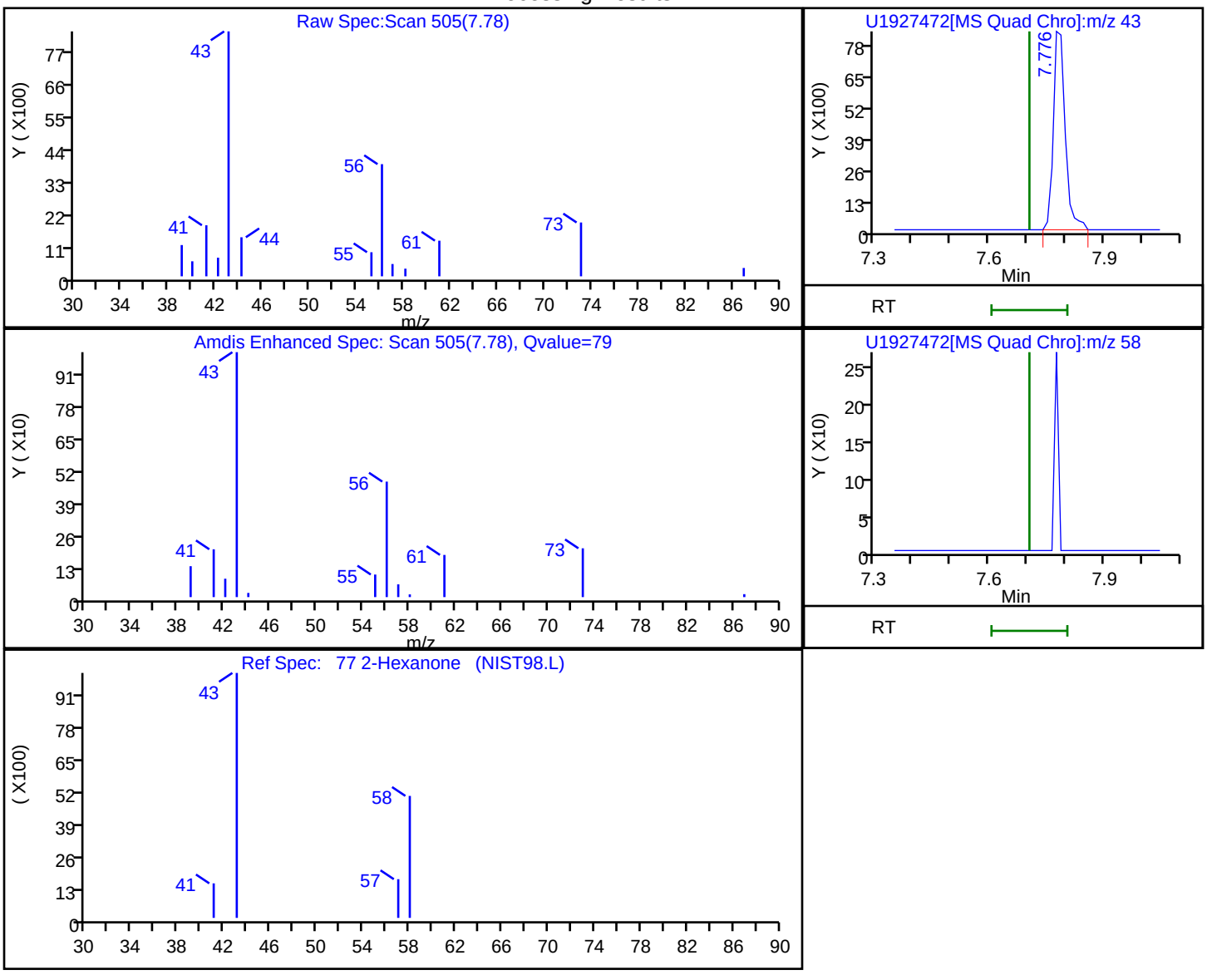
User Disabled Compound Report

Eurofins Canton

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927472.D				
Injection Date:	12-May-2022 15:53:33	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-10	Lab Sample ID:	240-166223-10		
Client ID:	SW-050322-SS-001				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

77 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.78	43.00	18265	2.056572
7.70	58.00	0	

Reviewer: laveyt, 13-May-2022 08:49:45

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-035 | Lab Sample ID: 240-166223-11

Matrix: Water | Lab File ID: U1927473.D

Analysis Method: 8260D | Date Collected: 05/04/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 16:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-035 | Lab Sample ID: 240-166223-11

Matrix: Water | Lab File ID: U1927473.D

Analysis Method: 8260D | Date Collected: 05/04/2022 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 16:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927473.D
Lims ID: 240-166223-B-11
Client ID: GW-050422-SS-035
Sample Type: Client
Inject. Date: 12-May-2022 16:15:54 ALS Bottle#: 0 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-020
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:49:49 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:49:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	898950	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	654299	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	322732	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	240562	18.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	294815	19.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	818962	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	284745	19.5	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

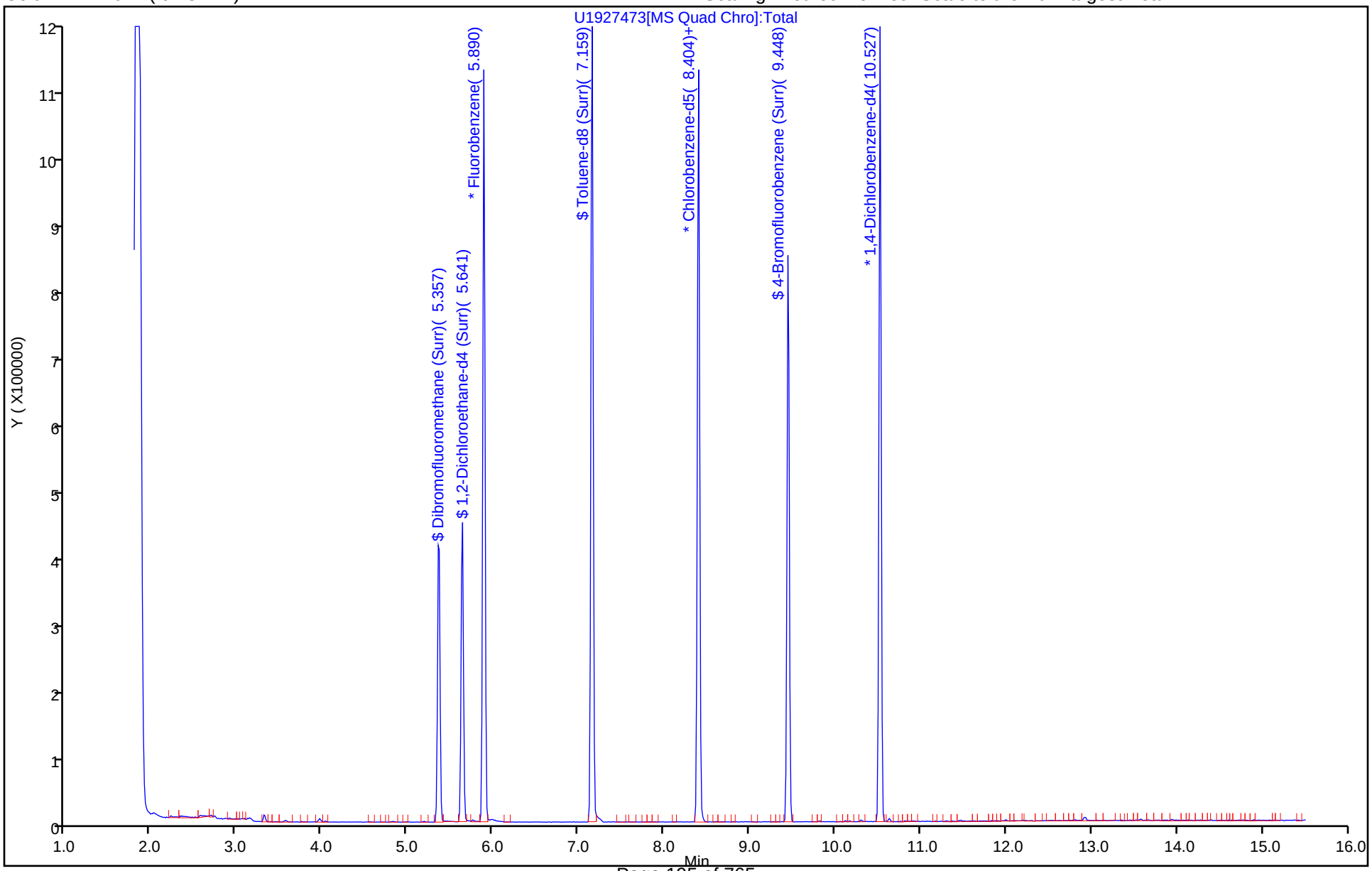
Report Date: 13-May-2022 08:49:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927473.D

Injection Date:	12-May-2022 16:15:54	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-11	Lab Sample ID:	240-166223-11	Worklist Smp#:	20
Client ID:	GW-050422-SS-035				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927473.D				
Lims ID:	240-166223-B-11				
Client ID:	GW-050422-SS-035				
Sample Type:	Client				
Inject. Date:	12-May-2022 16:15:54	ALS Bottle#:	0	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-020				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	13-May-2022 08:49:49	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1645				

First Level Reviewer: laveyt Date: 13-May-2022 08:49:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.3	91.47
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.9	99.73
$ 6 Toluene-d8 (Surr)	20.0	20.6	102.92
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.5	97.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-036 | Lab Sample ID: 240-166223-12

Matrix: Water | Lab File ID: U1927474.D

Analysis Method: 8260D | Date Collected: 05/04/2022 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 16:38

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	50	U	50	24
79-34-5	1,1,2,2-Tetrachloroethane	50	U	50	30
79-00-5	1,1,2-Trichloroethane	50	U	50	24
75-34-3	1,1-Dichloroethane	67		50	24
75-35-4	1,1-Dichloroethene	50	U	50	25
107-06-2	1,2-Dichloroethane	50	U	50	11
78-87-5	1,2-Dichloropropane	50	U	50	24
591-78-6	2-Hexanone	500	U	500	56
67-64-1	Acetone	500	U	500	270
71-43-2	Benzene	50	U	50	21
75-25-2	Bromoform	50	U	50	38
74-83-9	Bromomethane	50	U	50	21
75-15-0	Carbon disulfide	50	U	50	30
56-23-5	Carbon tetrachloride	50	U	50	13
108-90-7	Chlorobenzene	50	U	50	19
75-00-3	Chloroethane	50	U	50	42
67-66-3	Chloroform	50	U	50	24
74-87-3	Chloromethane	50	U	50	32
156-59-2	cis-1,2-Dichloroethene	2500		50	23
10061-01-5	cis-1,3-Dichloropropene	50	U	50	31
75-27-4	Dichlorobromomethane	50	U	50	8.5
100-41-4	Ethylbenzene	50	U	50	21
78-93-3	2-Butanone (MEK)	500	U	500	58
108-10-1	4-Methyl-2-pentanone (MIBK)	500	U	500	50
75-09-2	Methylene Chloride	250	U	250	130
100-42-5	Styrene	50	U	50	23
127-18-4	Tetrachloroethene	50	U	50	22
108-88-3	Toluene	50	U	50	22
156-60-5	trans-1,2-Dichloroethene	140		50	26
10061-02-6	trans-1,3-Dichloropropene	50	U	50	34
79-01-6	Trichloroethene	50	U	50	22
75-01-4	Vinyl chloride	34	J	50	23
1330-20-7	Xylenes, Total	100	U	100	21
124-48-1	Chlorodibromomethane	50	U	50	20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-036 | Lab Sample ID: 240-166223-12

Matrix: Water | Lab File ID: U1927474.D

Analysis Method: 8260D | Date Collected: 05/04/2022 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 16:38

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927474.D
Lims ID: 240-166223-B-12
Client ID: GW-050422-SS-036
Sample Type: Client
Inject. Date: 12-May-2022 16:38:26 ALS Bottle#: 0 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 240-0118477-021
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:49:49 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:50:11

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	935970	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	689756	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	333398	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	249957	18.3	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	97	306914	19.9	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	854243	20.4	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	298999	19.4	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.392	2.392	0.000	98	11336	0.6863	
	13 Bromomethane	94		2.748				ND	7
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61		3.542				ND	
	22 Acetone	43		3.554				ND	7
	25 Carbon disulfide	76		3.756				ND	
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	96	48747	2.89	
	35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	27639	1.33	
	40 2-Butanone (MEK)	72		4.953				ND	
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	77	703634	49.1	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.522				ND	
	54 Benzene	78		5.665				ND	
	55 1,2-Dichloroethane	62		5.689				ND	
	59 Trichloroethene	130		6.175				ND	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.566				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

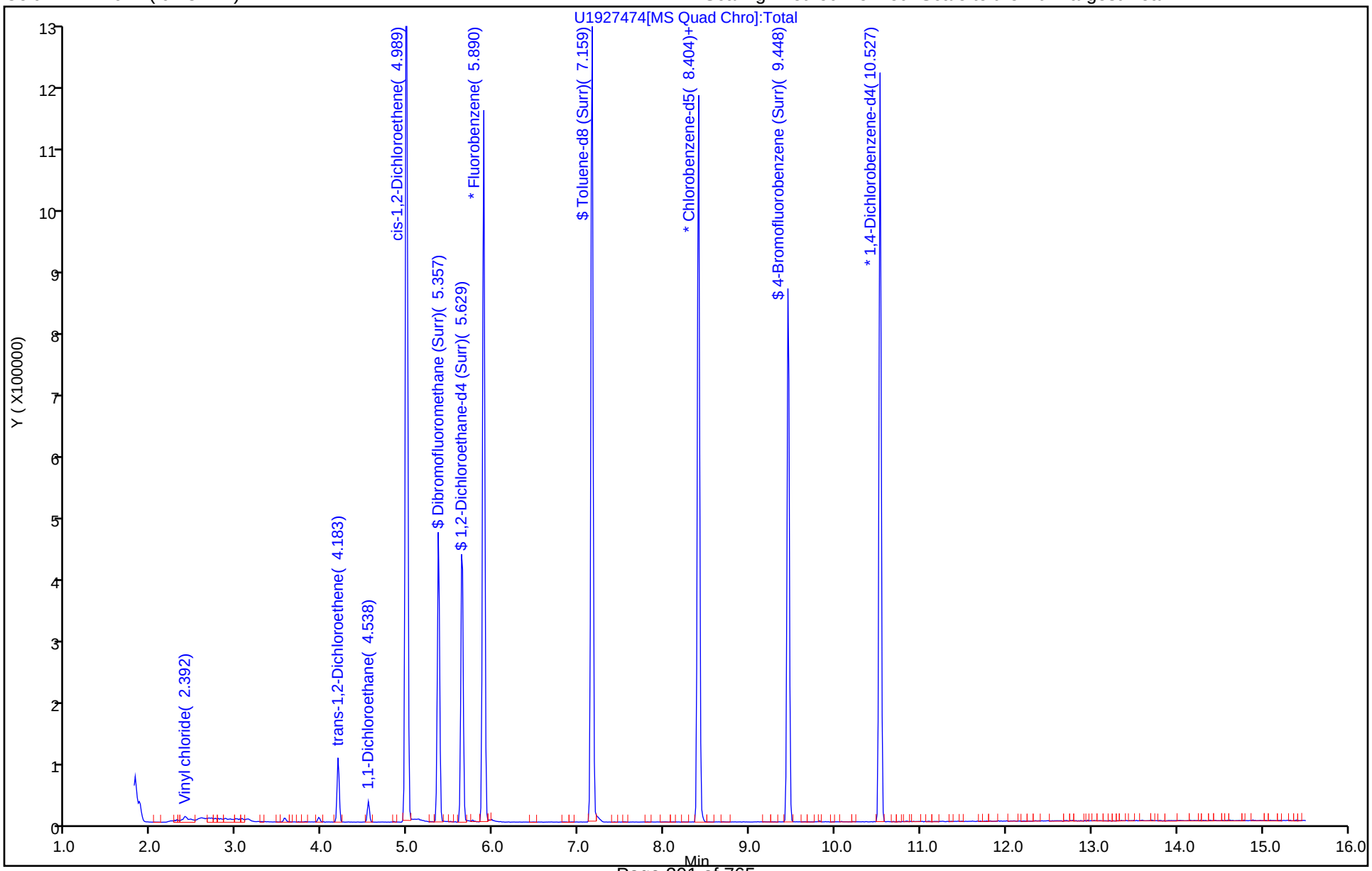
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927474.D

Injection Date:	12-May-2022 16:38:26	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-12	Lab Sample ID:	240-166223-12	Worklist Smp#:	21
Client ID:	GW-050422-SS-036				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927474.D				
Lims ID:	240-166223-B-12				
Client ID:	GW-050422-SS-036				
Sample Type:	Client				
Inject. Date:	12-May-2022 16:38:26	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	240-0118477-021				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	13-May-2022 08:49:49	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1645				

First Level Reviewer: laveyt Date: 13-May-2022 08:50:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.3	4563.94
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.9	4985.74
$ 6 Toluene-d8 (Surr)	20.0	20.4	5091.93
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.4	4848.63

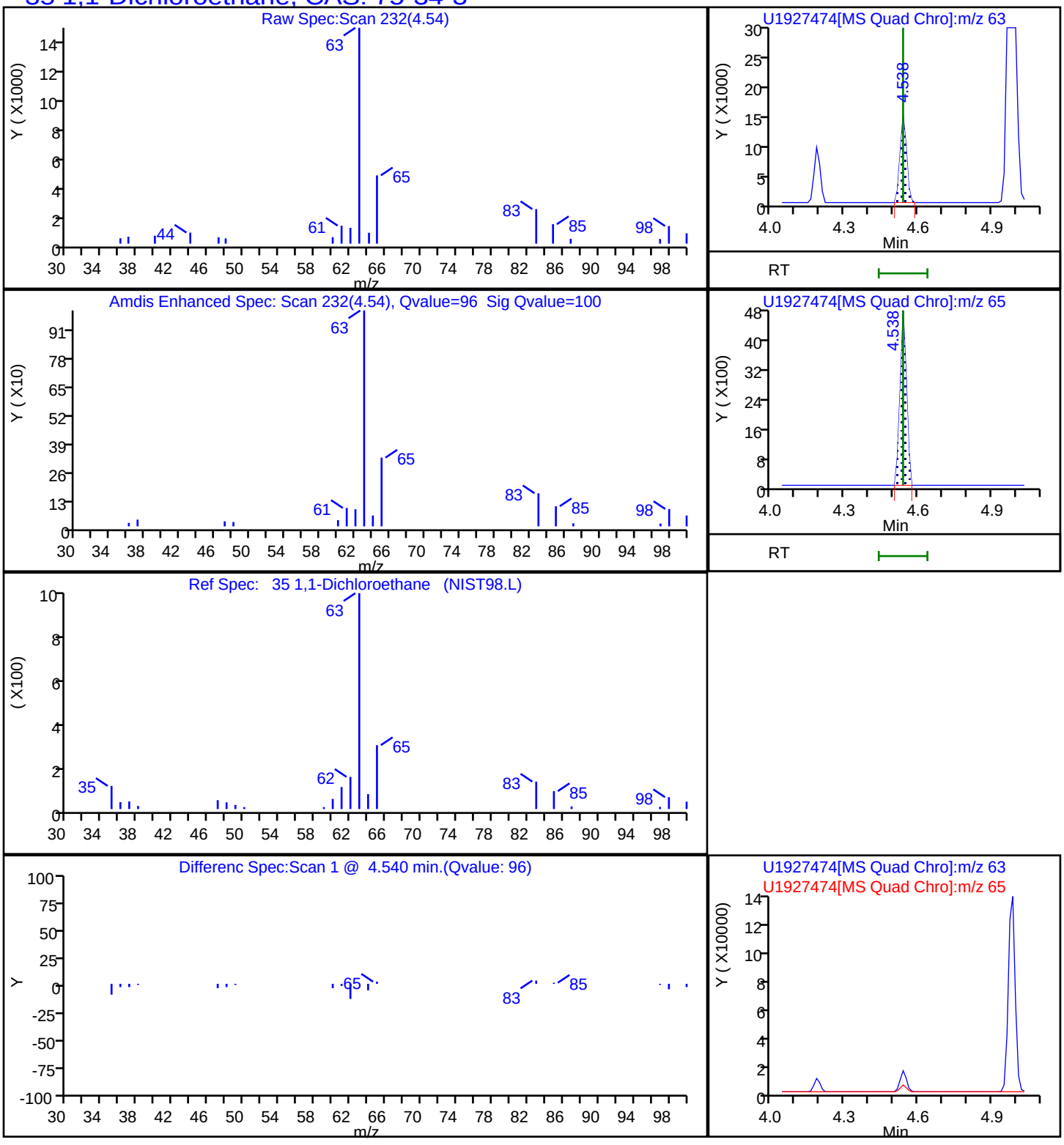
Report Date: 13-May-2022 08:50:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927474.D

Injection Date:	12-May-2022 16:38:26	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-12	Lab Sample ID:	240-166223-12		
Client ID:	GW-050422-SS-036				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

35 1,1-Dichloroethane, CAS: 75-34-3



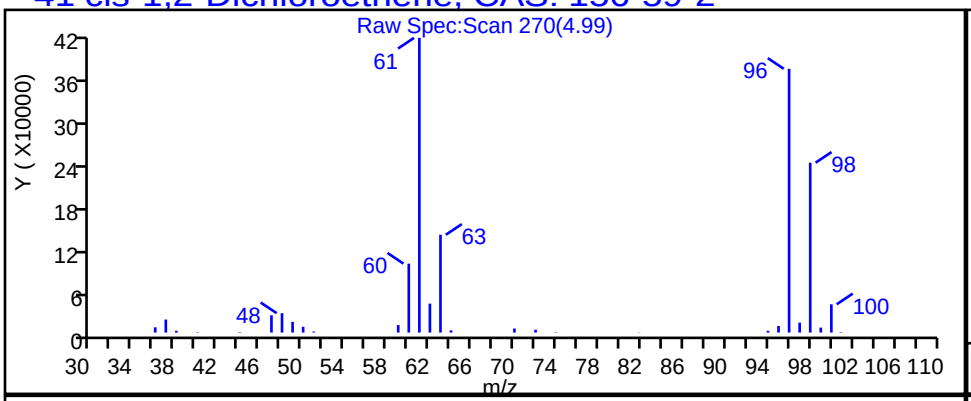
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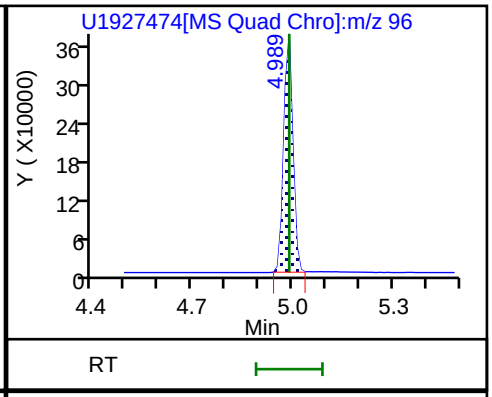
Eurofins Canton

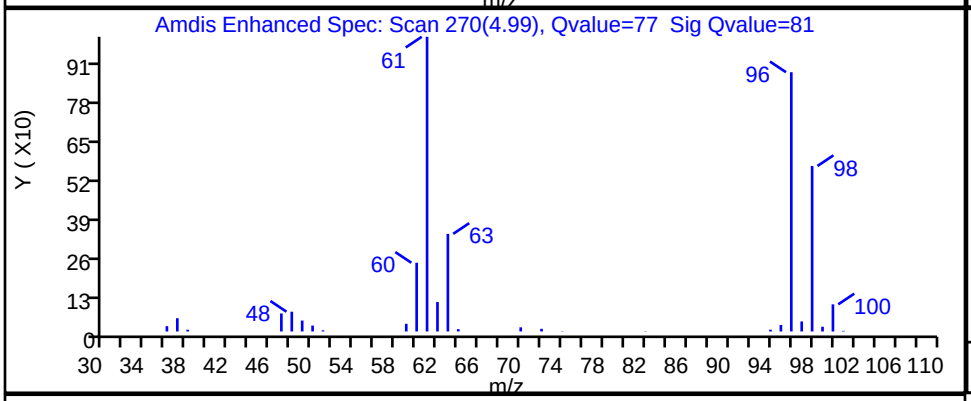
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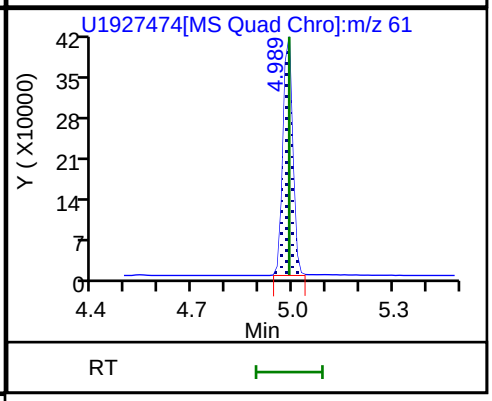
Injection Date:	12-May-2022 16:38:26	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-12	Lab Sample ID:	240-166223-12		
Client ID:	GW-050422-SS-036				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

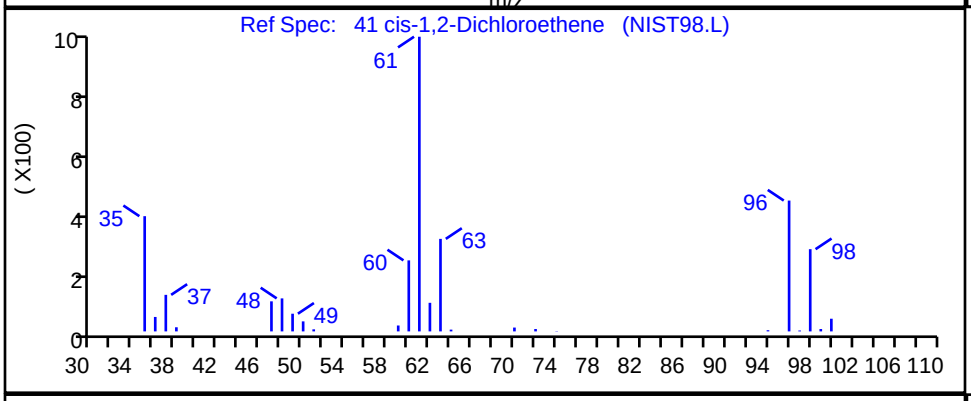
41 cis-1,2-Dichloroethene, CAS: 156-59-2

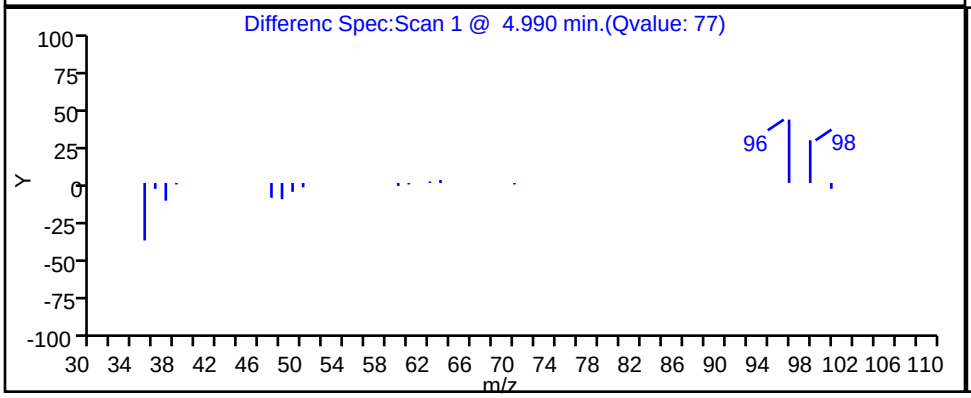


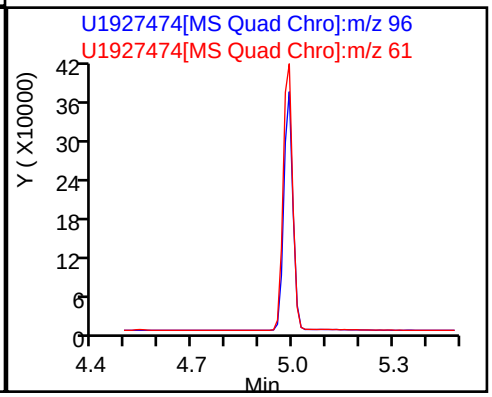












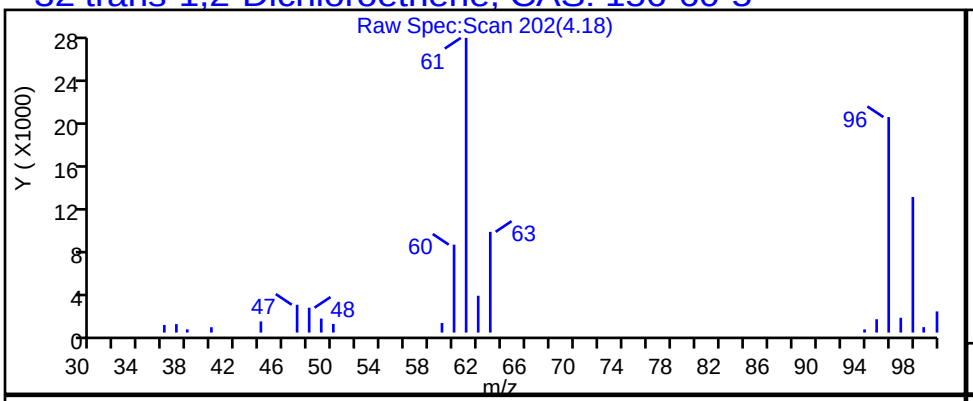
Report Date: 13-May-2022 08:50:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

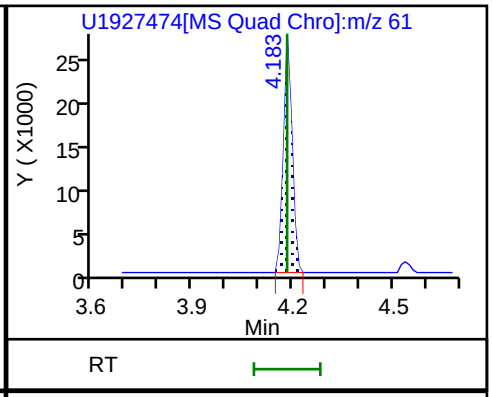
Eurofins Canton

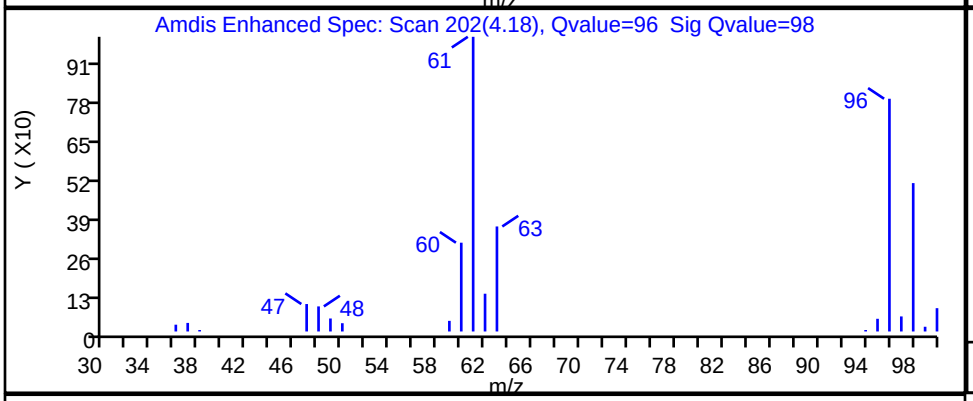
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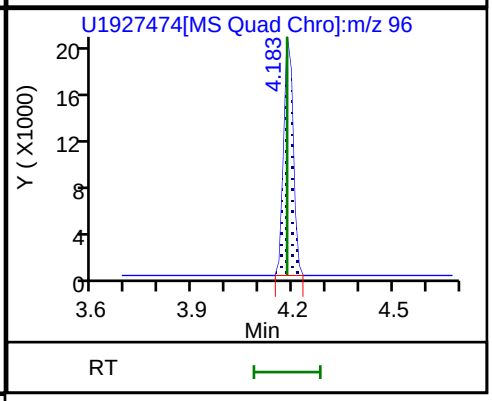
Injection Date:	12-May-2022 16:38:26	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-12	Lab Sample ID:	240-166223-12		
Client ID:	GW-050422-SS-036				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

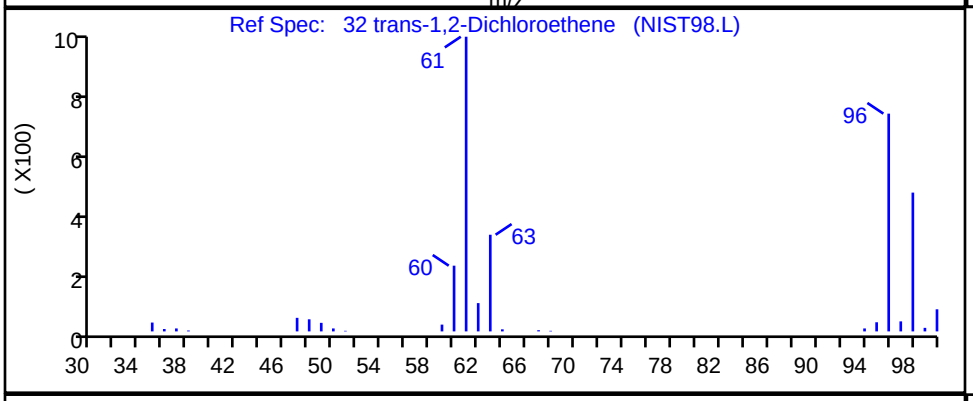
32 trans-1,2-Dichloroethene, CAS: 156-60-5

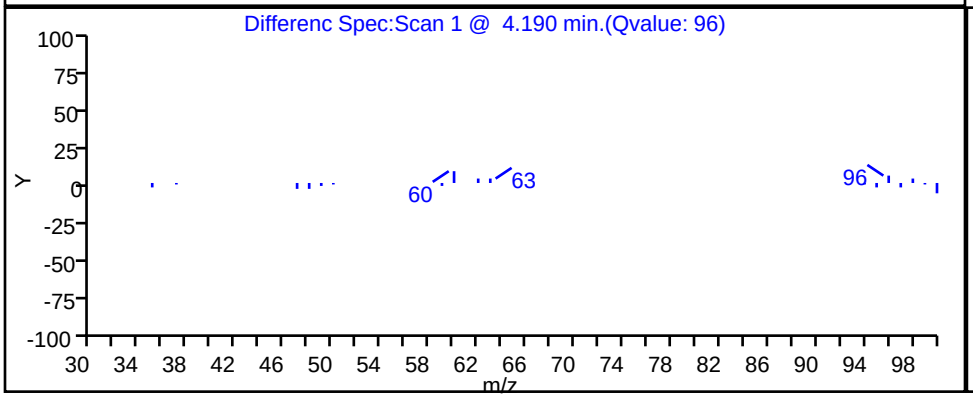


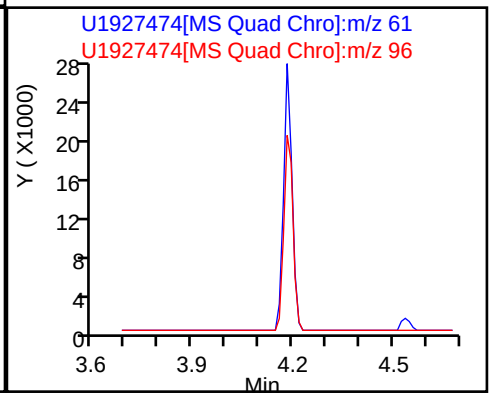












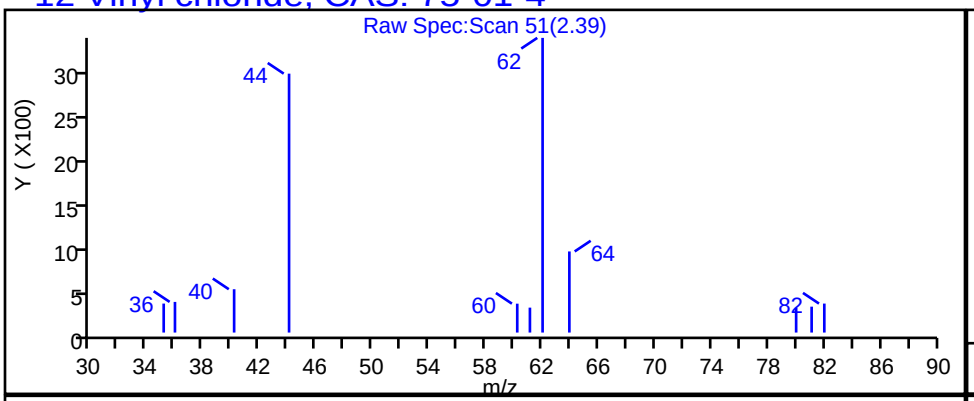
Report Date: 13-May-2022 08:50:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

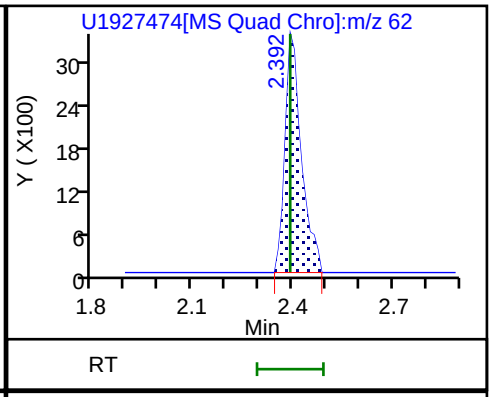
Eurofins Canton

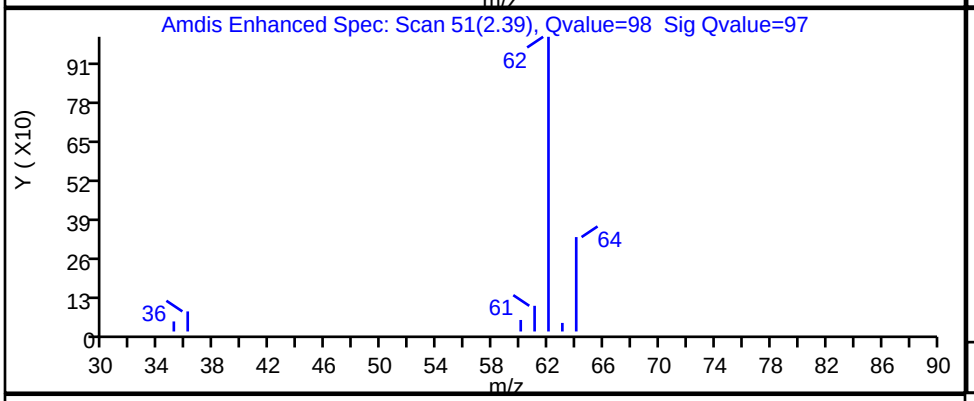
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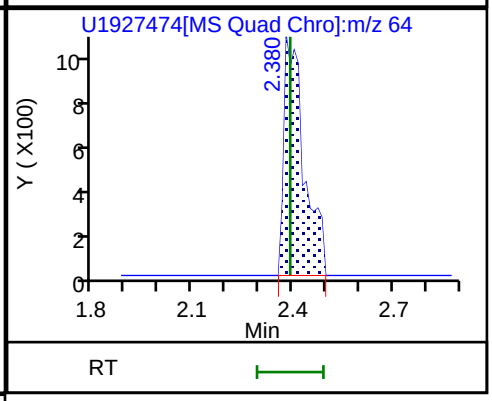
Injection Date:	12-May-2022 16:38:26	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-12	Lab Sample ID:	240-166223-12		
Client ID:	GW-050422-SS-036				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

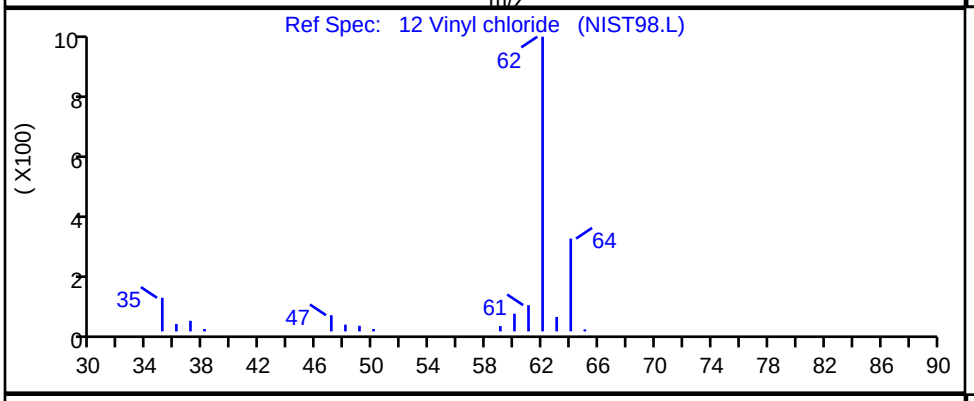
12 Vinyl chloride, CAS: 75-01-4

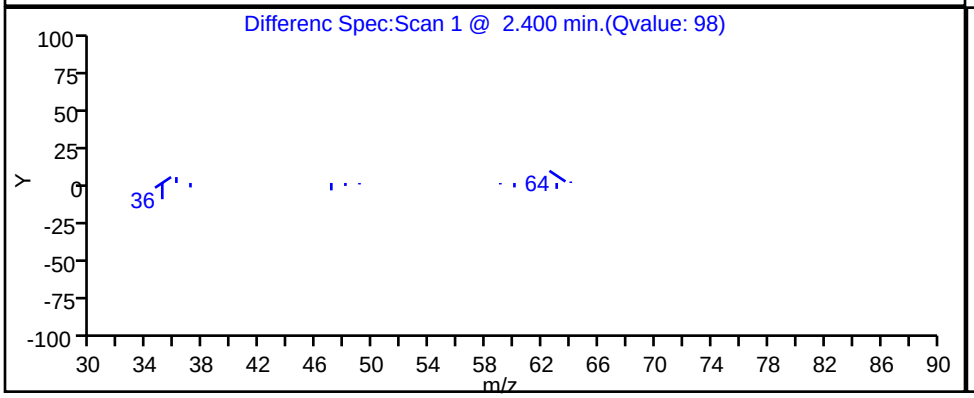


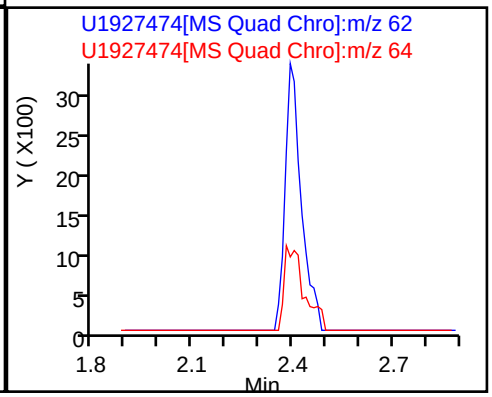












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-037 | Lab Sample ID: 240-166223-13

Matrix: Water | Lab File ID: U1927475.D

Analysis Method: 8260D | Date Collected: 05/04/2022 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:00

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	130		100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	5900		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	100		100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	660		100	44
75-01-4	Vinyl chloride	380		100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-037 | Lab Sample ID: 240-166223-13

Matrix: Water | Lab File ID: U1927475.D

Analysis Method: 8260D | Date Collected: 05/04/2022 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:00

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927475.D
Lims ID: 240-166223-B-13
Client ID: GW-050422-SS-037
Sample Type: Client
Inject. Date: 12-May-2022 17:00:46 ALS Bottle#: 0 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118477-022
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:50:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	938264	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	687208	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	336257	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	251932	18.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	308335	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	863386	20.7	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	303772	19.8	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.404	2.392	0.012	98	62153	3.75	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61	3.554	3.542	0.012	97	5932	0.3405	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	94	17267	1.02	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	26917	1.30	
40 2-Butanone (MEK)	72		4.953				ND	U
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	846809	58.9	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	97	4588	0.2299	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130	6.175	6.175	0.000	97	92723	6.60	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

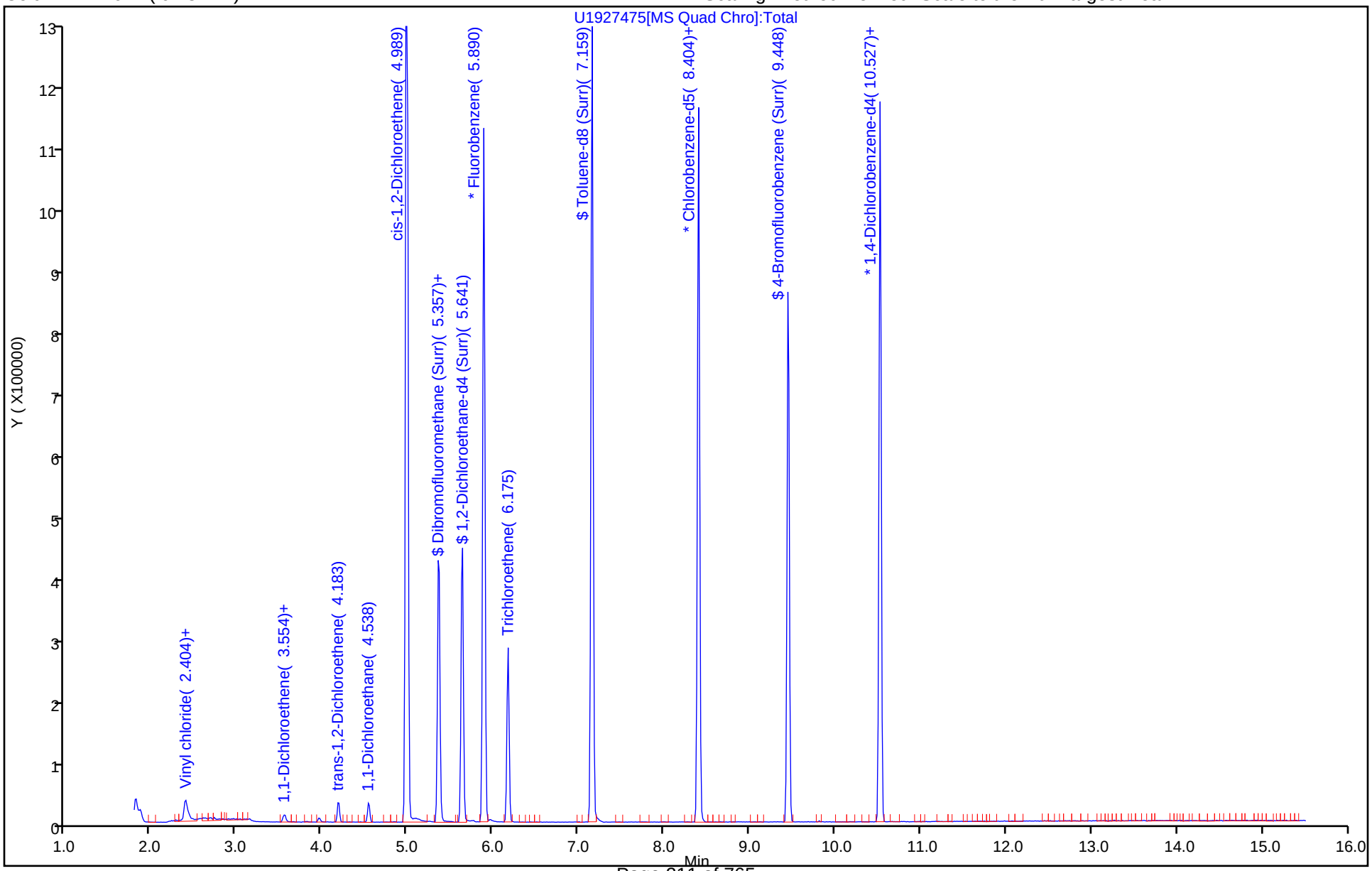
Report Date: 13-May-2022 08:50:36 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927475.D

Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13	Worklist Smp#:	22
Client ID:	GW-050422-SS-037				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927475.D				
Lims ID:	240-166223-B-13				
Client ID:	GW-050422-SS-037				
Sample Type:	Client				
Inject. Date:	12-May-2022 17:00:46	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Sample Info:	240-0118477-022				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	13-May-2022 08:50:35	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1645				

First Level Reviewer: laveyt Date: 13-May-2022 08:50:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	9177.50
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	9993.15
$ 6 Toluene-d8 (Surr)	20.0	20.7	10331.01
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.8	9888.59

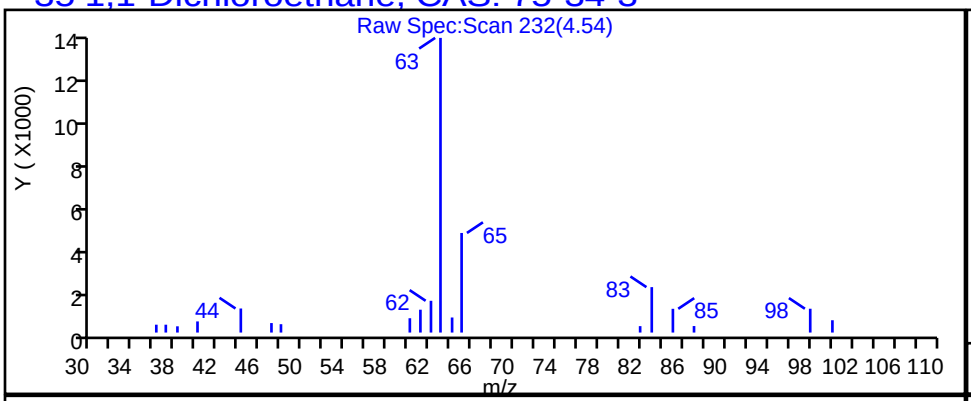
Report Date: 13-May-2022 08:50:36 Chrom Revision: 2.3 12-Apr-2022 20:29:44

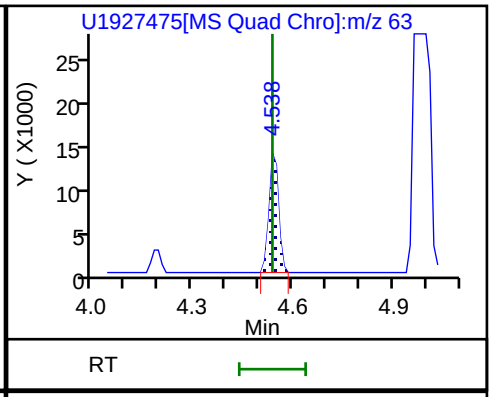
Eurofins Canton

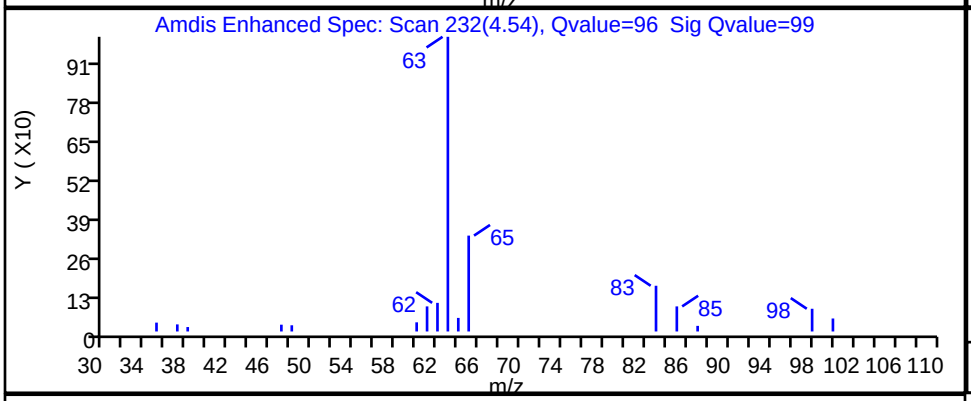
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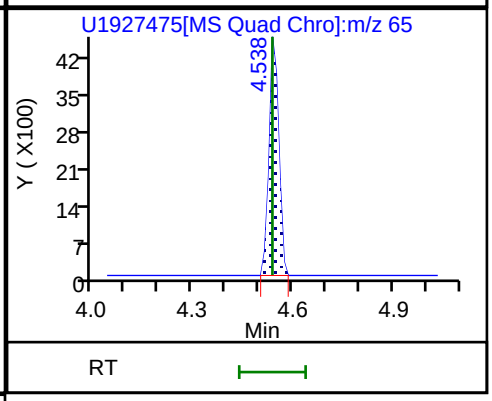
Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

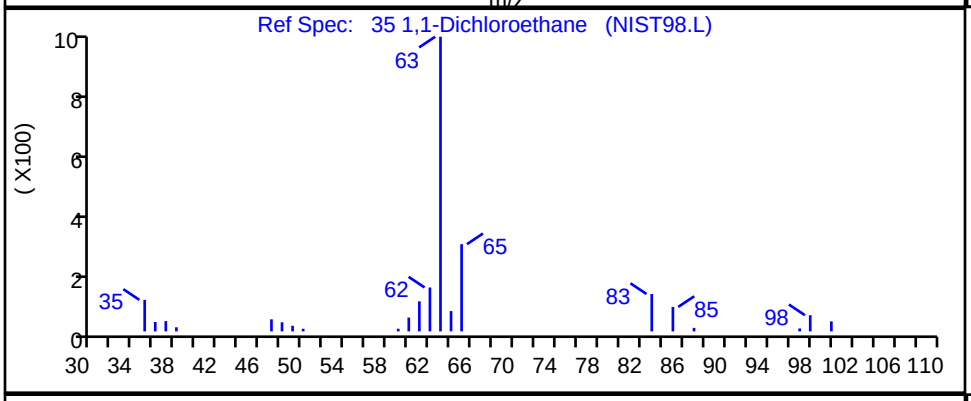
35 1,1-Dichloroethane, CAS: 75-34-3

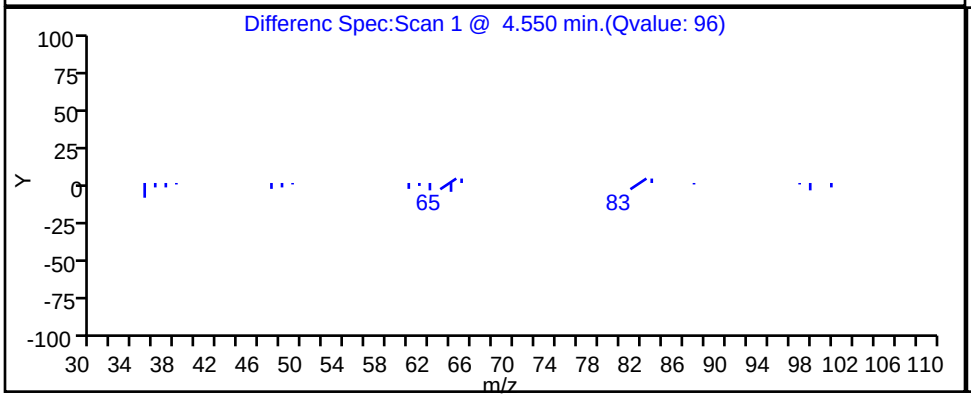


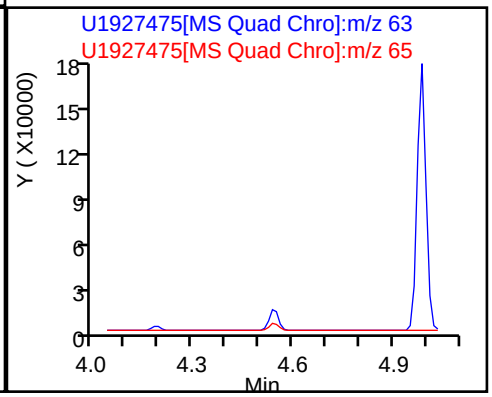












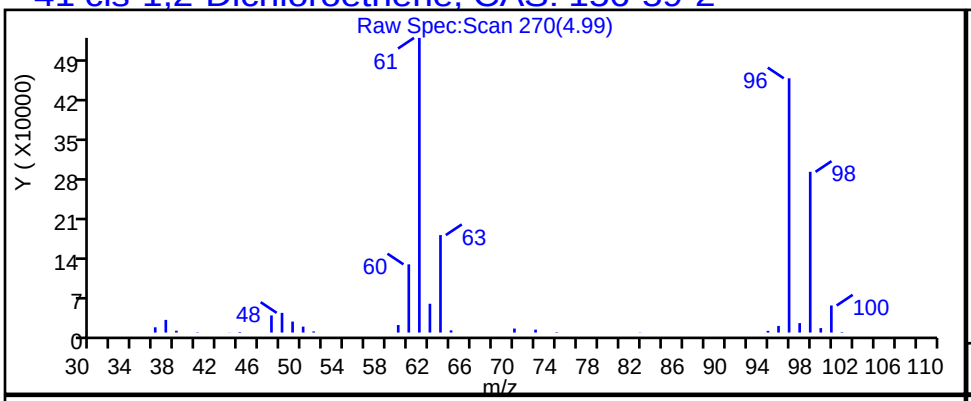
Report Date: 13-May-2022 08:50:36 Chrom Revision: 2.3 12-Apr-2022 20:29:44

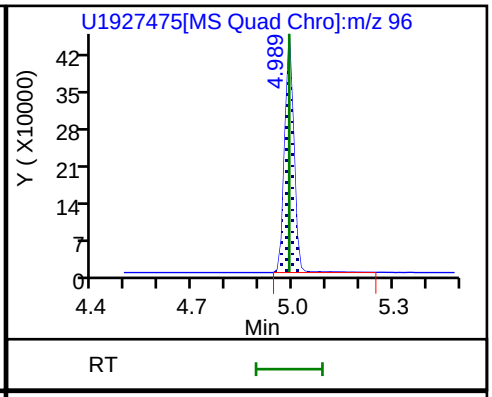
Eurofins Canton

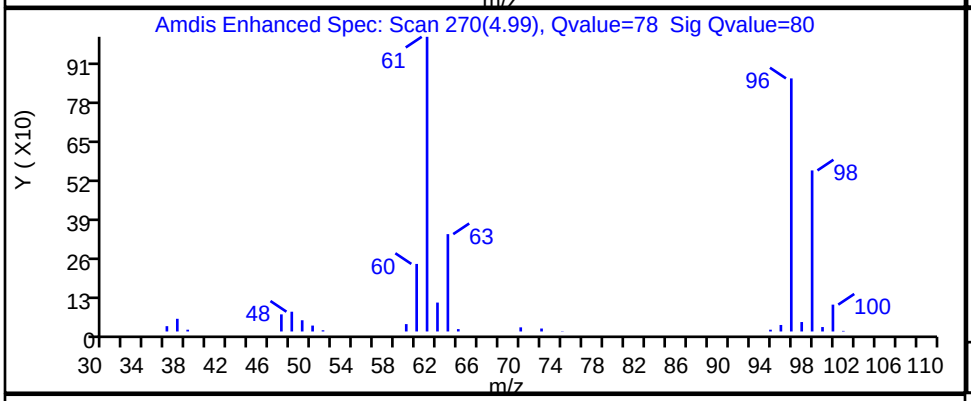
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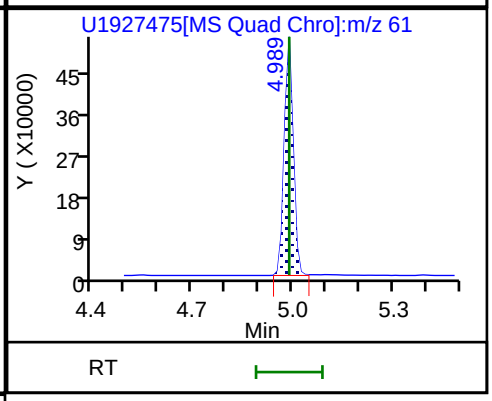
Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

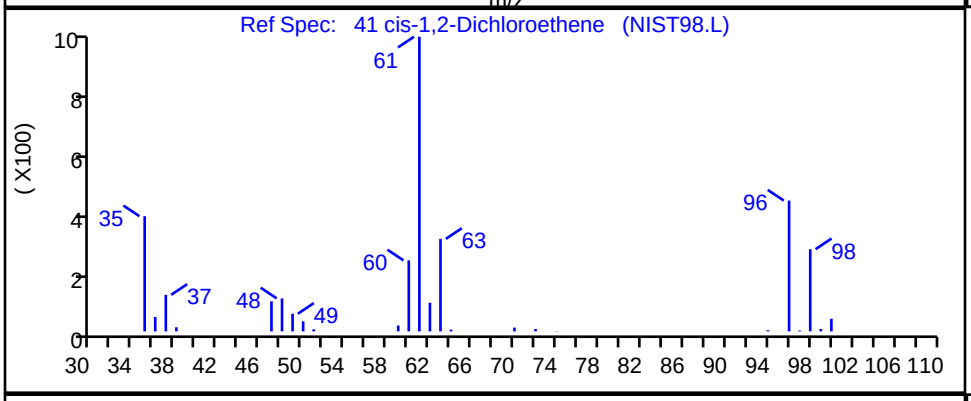
41 cis-1,2-Dichloroethene, CAS: 156-59-2

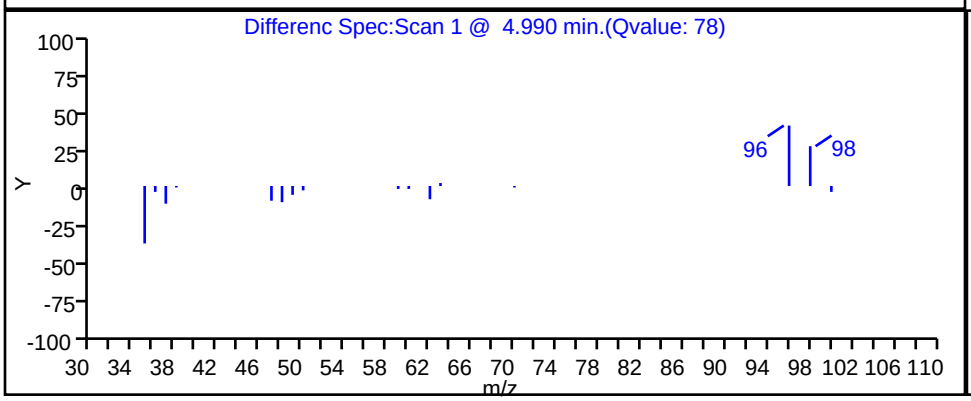


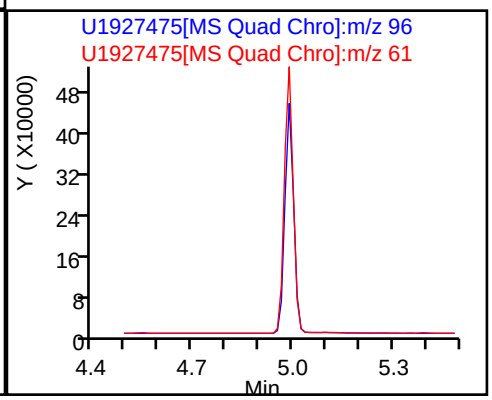












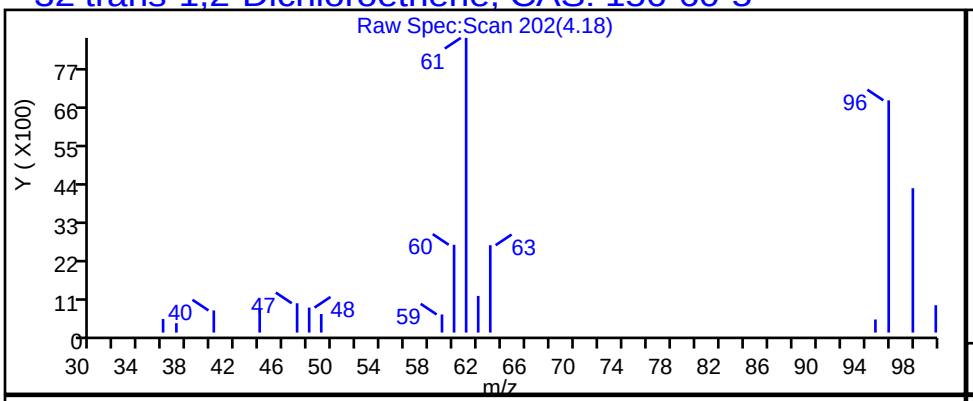
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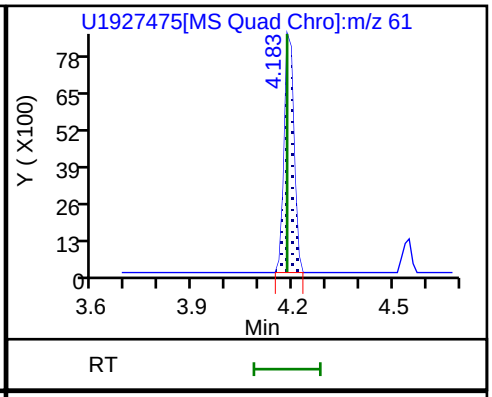
Eurofins Canton

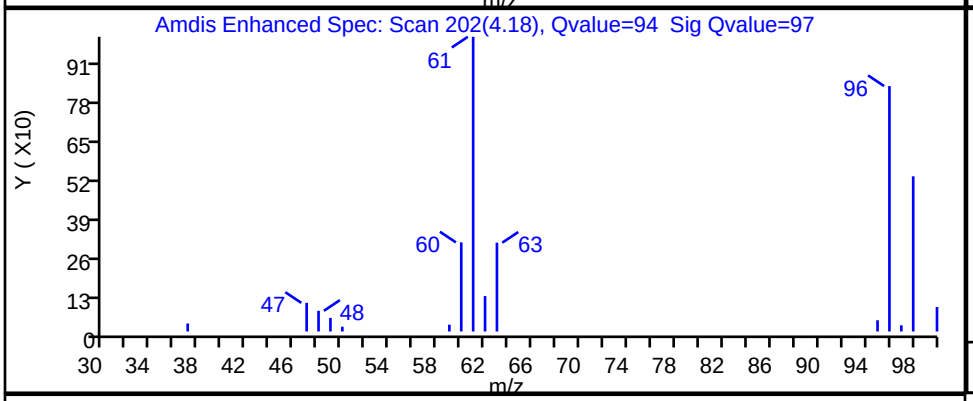
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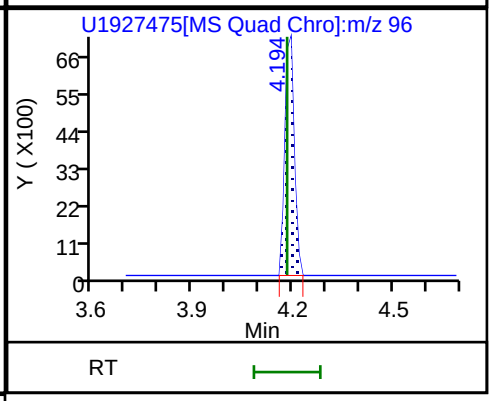
Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

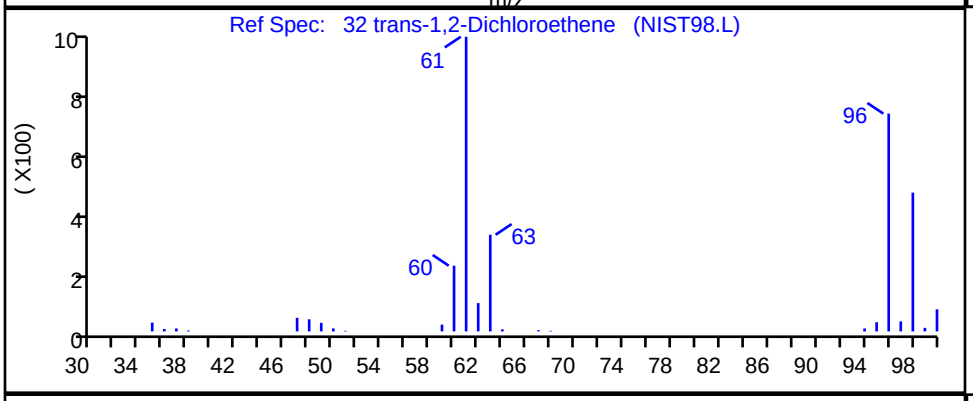
32 trans-1,2-Dichloroethene, CAS: 156-60-5

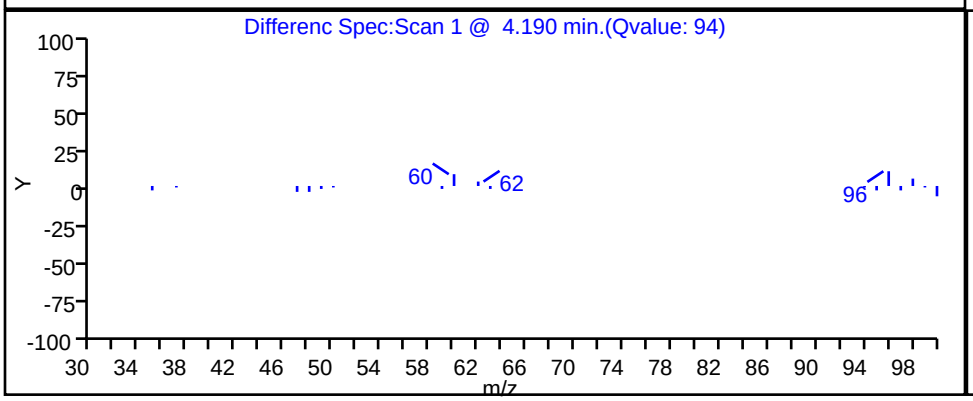


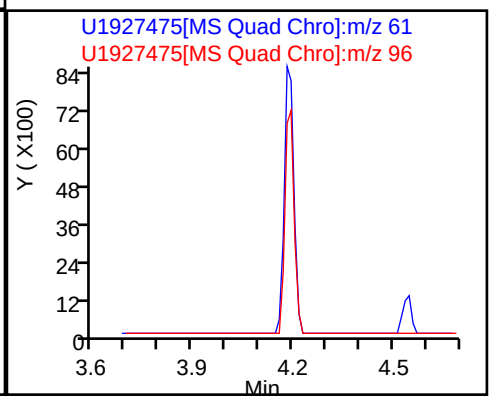












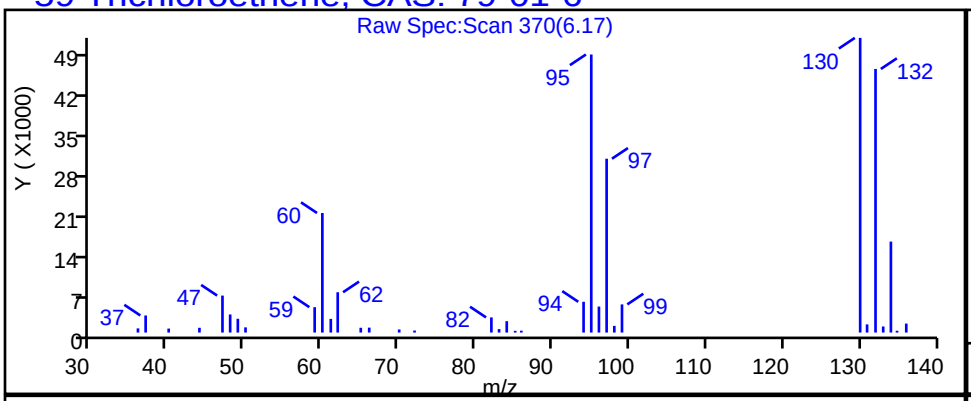
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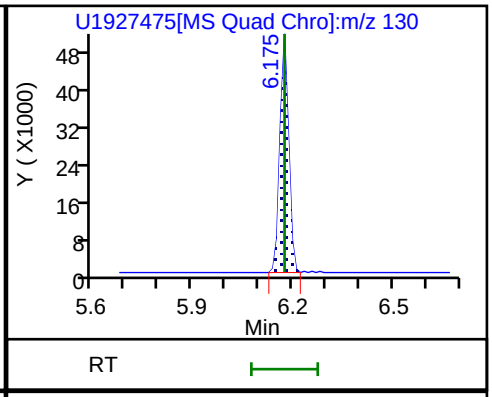
Eurofins Canton

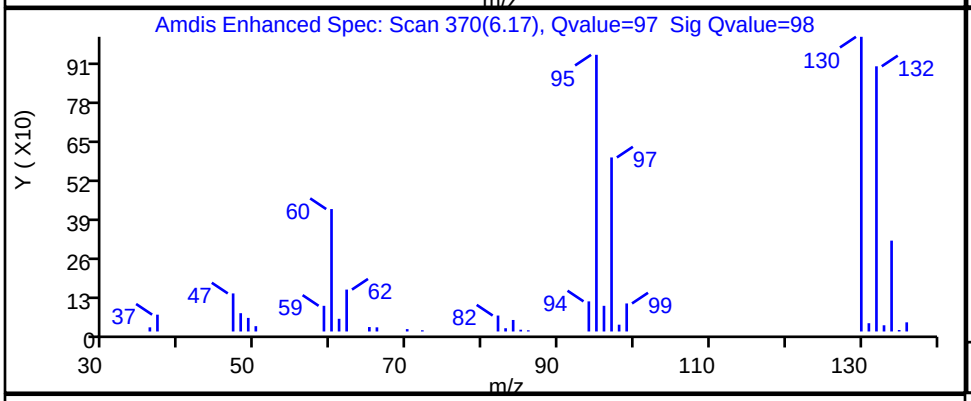
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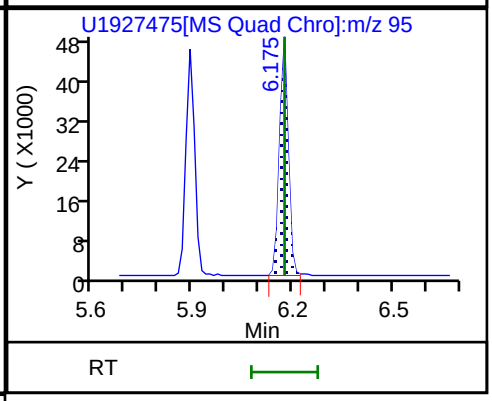
Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

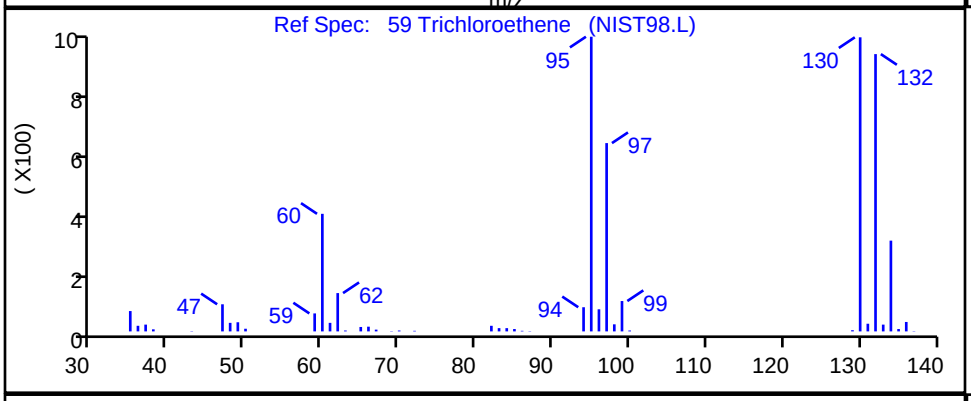
59 Trichloroethene, CAS: 79-01-6

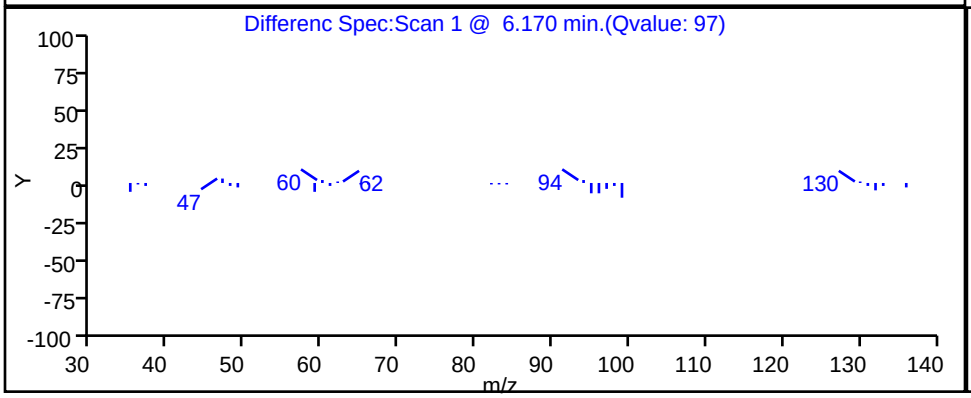


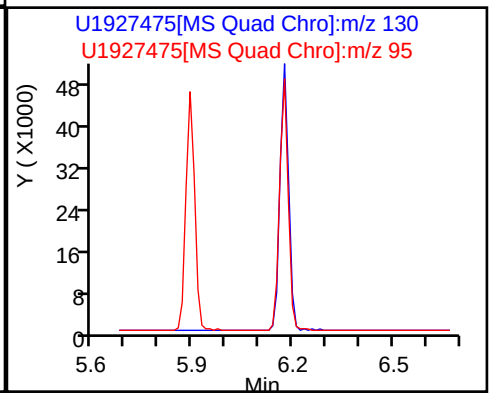












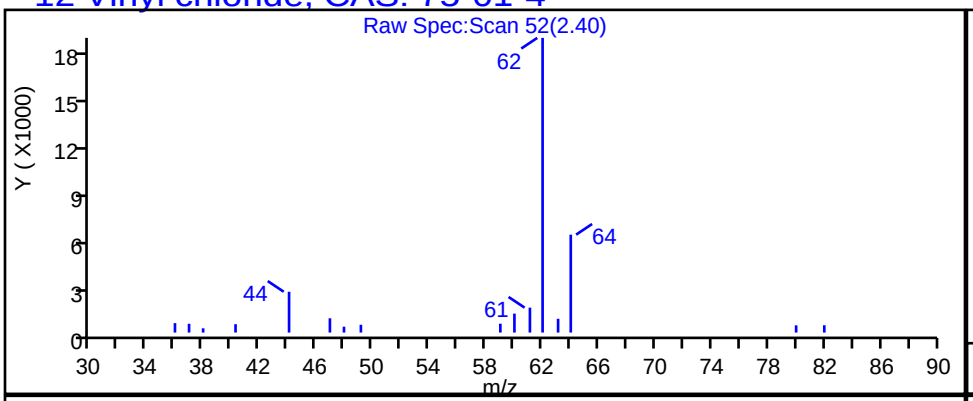
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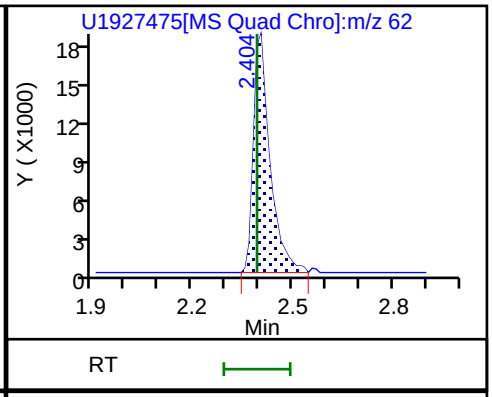
Eurofins Canton

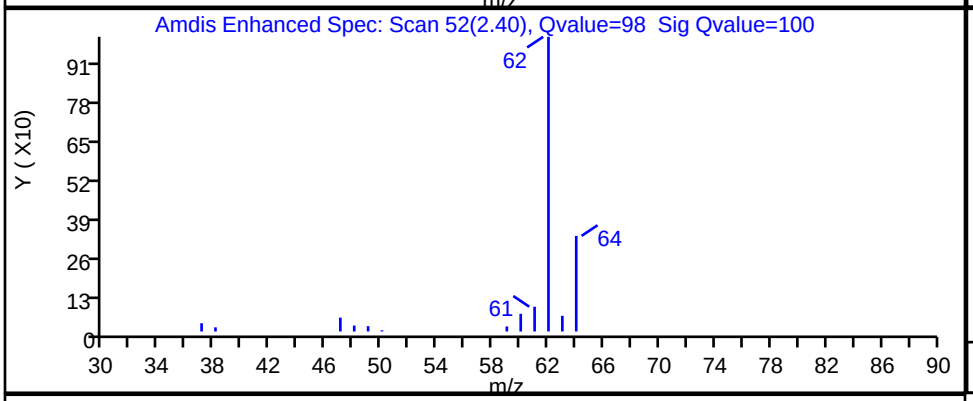
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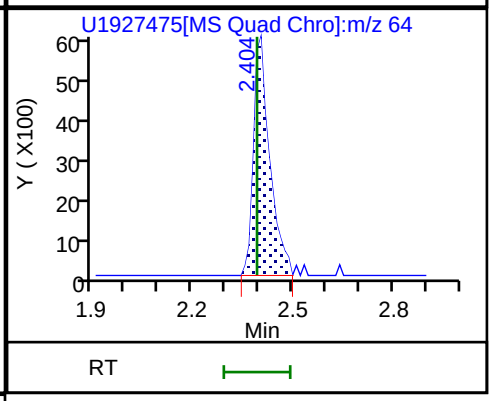
Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

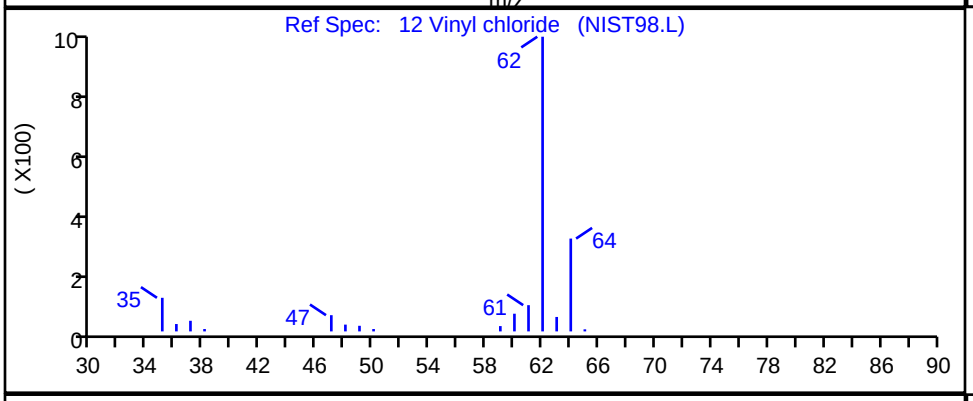
12 Vinyl chloride, CAS: 75-01-4

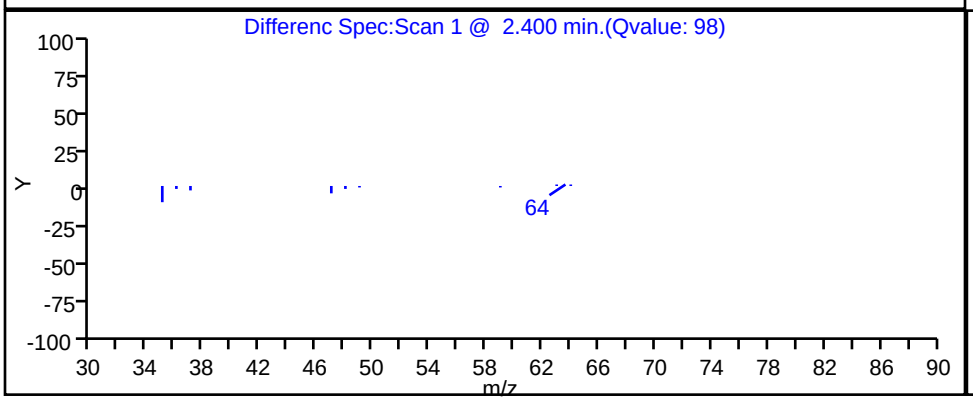


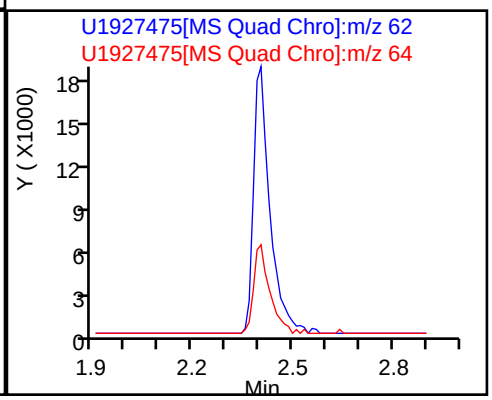












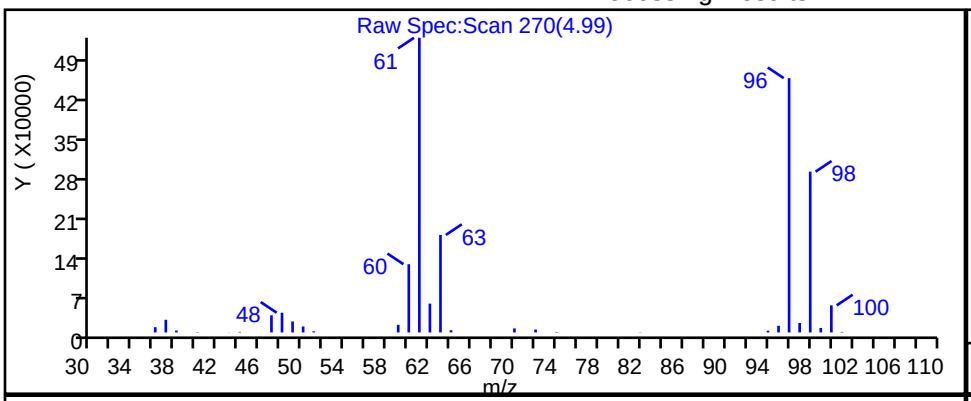
User Disabled Compound Report

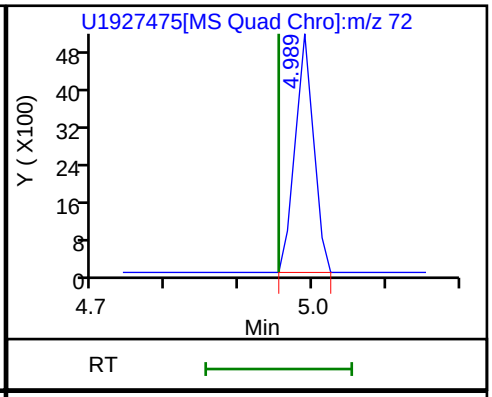
Eurofins Canton

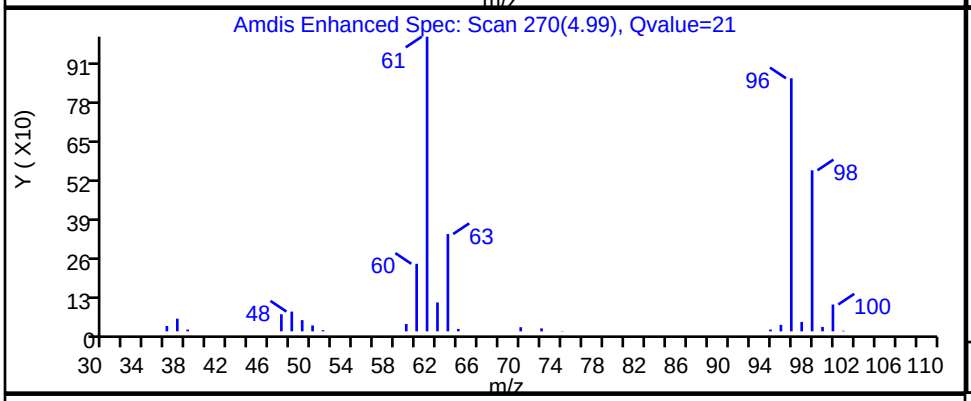
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Injection Date:	12-May-2022 17:00:46	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-13	Lab Sample ID:	240-166223-13		
Client ID:	GW-050422-SS-037				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

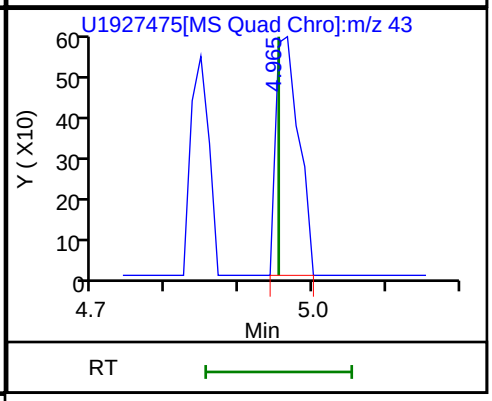
40 2-Butanone (MEK), CAS: 78-93-3

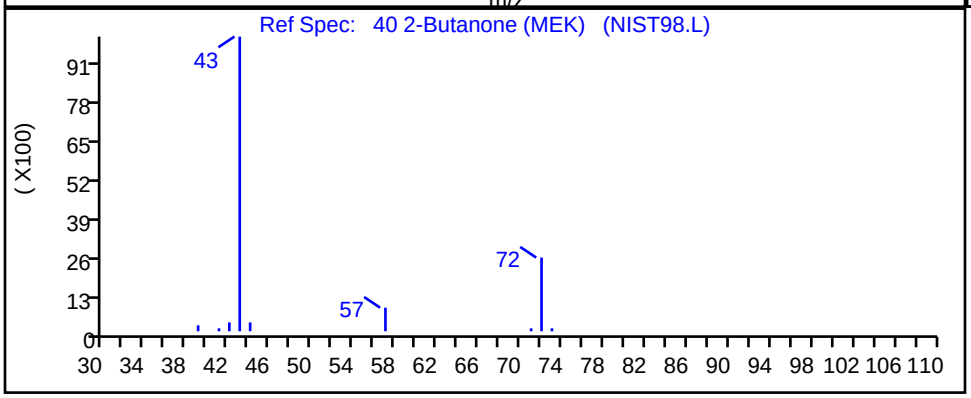
Processing Results











RT	Mass	Response	Amount
4.99	72.00	9139	3.891078
4.97	43.00	1294	

Reviewer: laveyt, 13-May-2022 08:50:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-038 | Lab Sample ID: 240-166223-14

Matrix: Water | Lab File ID: U1927476.D

Analysis Method: 8260D | Date Collected: 05/04/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:23

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	250	U	250	120
79-34-5	1,1,2,2-Tetrachloroethane	250	U	250	150
79-00-5	1,1,2-Trichloroethane	250	U	250	120
75-34-3	1,1-Dichloroethane	140	J	250	120
75-35-4	1,1-Dichloroethene	250	U	250	120
107-06-2	1,2-Dichloroethane	250	U	250	53
78-87-5	1,2-Dichloropropane	250	U	250	120
591-78-6	2-Hexanone	2500	U	2500	280
67-64-1	Acetone	2500	U	2500	1400
71-43-2	Benzene	250	U	250	110
75-25-2	Bromoform	250	U	250	190
74-83-9	Bromomethane	250	U	250	110
75-15-0	Carbon disulfide	250	U	250	150
56-23-5	Carbon tetrachloride	250	U	250	65
108-90-7	Chlorobenzene	250	U	250	95
75-00-3	Chloroethane	250	U	250	210
67-66-3	Chloroform	250	U	250	120
74-87-3	Chloromethane	250	U	250	160
156-59-2	cis-1,2-Dichloroethene	5600		250	120
10061-01-5	cis-1,3-Dichloropropene	250	U	250	150
75-27-4	Dichlorobromomethane	250	U	250	43
100-41-4	Ethylbenzene	250	U	250	110
78-93-3	2-Butanone (MEK)	2500	U	2500	290
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	U	2500	250
75-09-2	Methylene Chloride	1300	U	1300	660
100-42-5	Styrene	250	U	250	110
127-18-4	Tetrachloroethene	250	U	250	110
108-88-3	Toluene	250	U	250	110
156-60-5	trans-1,2-Dichloroethene	250	U	250	130
10061-02-6	trans-1,3-Dichloropropene	250	U	250	170
79-01-6	Trichloroethene	750		250	110
75-01-4	Vinyl chloride	350		250	110
1330-20-7	Xylenes, Total	500	U	500	110
124-48-1	Chlorodibromomethane	250	U	250	98

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050422-SS-038 | Lab Sample ID: 240-166223-14

Matrix: Water | Lab File ID: U1927476.D

Analysis Method: 8260D | Date Collected: 05/04/2022 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:23

Soil Aliquot Vol: | Dilution Factor: 250

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927476.D
Lims ID: 240-166223-B-14
Client ID: GW-050422-SS-038
Sample Type: Client
Inject. Date: 12-May-2022 17:23:06 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 250.0000
Sample Info: 240-0118477-023
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:50:55

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	924057	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	676574	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	329005	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	245971	18.2	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	97	298984	19.7	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	832665	20.2	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	288204	19.1	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.392	2.392	0.000	97	23038	1.41	
	13 Bromomethane	94		2.748				ND	
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61	3.542	3.542	0.000	40	2538	0.1479	
	22 Acetone	43		3.554				ND	7
	25 Carbon disulfide	76		3.756				ND	
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	96	6344	0.3813	
	35 1,1-Dichloroethane	63	4.538	4.538	0.000	95	11715	0.5727	
	40 2-Butanone (MEK)	72		4.953				ND	
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	319294	22.6	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	7
	52 Carbon tetrachloride	117		5.522				ND	
	54 Benzene	78		5.665				ND	
	55 1,2-Dichloroethane	62		5.689				ND	
	59 Trichloroethene	130	6.175	6.175	0.000	97	41359	2.99	
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.566				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

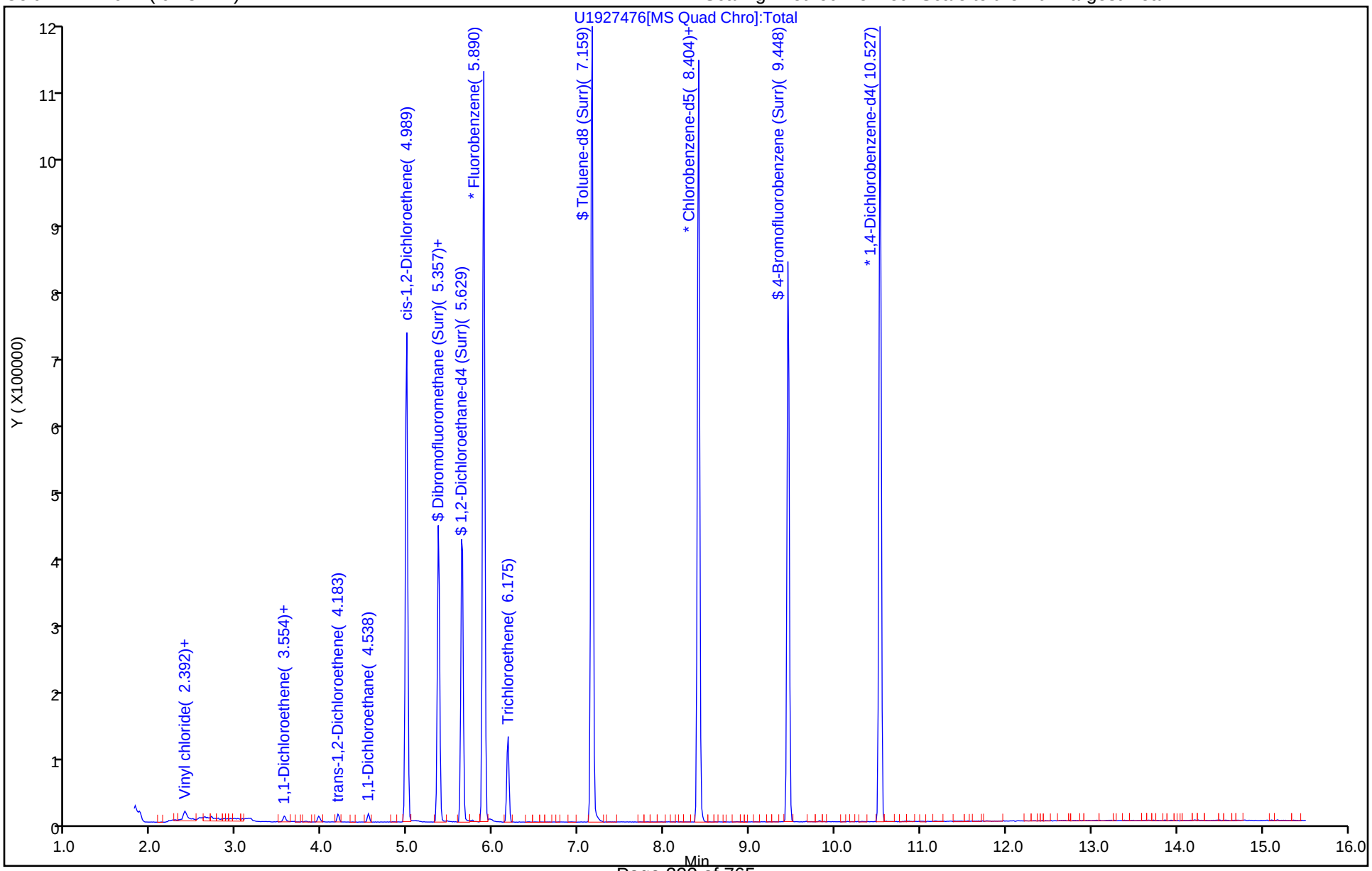
Report Date: 13-May-2022 08:50:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927476.D

Injection Date:	12-May-2022 17:23:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-14	Lab Sample ID:	240-166223-14	Worklist Smp#:	23
Client ID:	GW-050422-SS-038				
Purge Vol:	5.000 mL	Dil. Factor:	250.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927476.D
Lims ID: 240-166223-B-14
Client ID: GW-050422-SS-038
Sample Type: Client
Inject. Date: 12-May-2022 17:23:06 ALS Bottle#: 0 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 250.0000
Sample Info: 240-0118477-023
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:50:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	22745.28
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.7	24597.67
$ 6 Toluene-d8 (Surr)	20.0	20.2	25300.03
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.1	23823.17

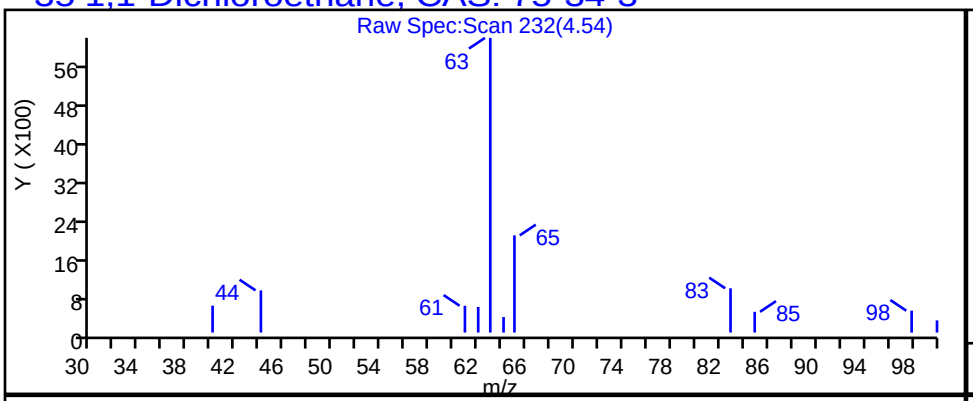
Report Date: 13-May-2022 08:50:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

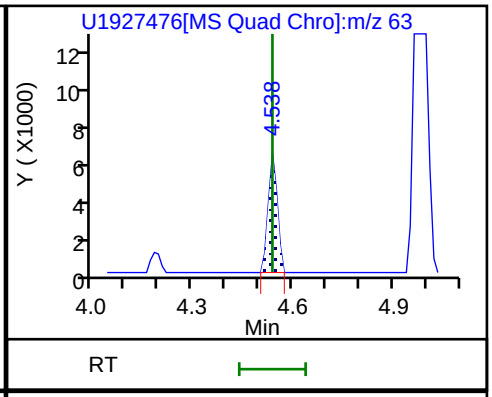
Eurofins Canton

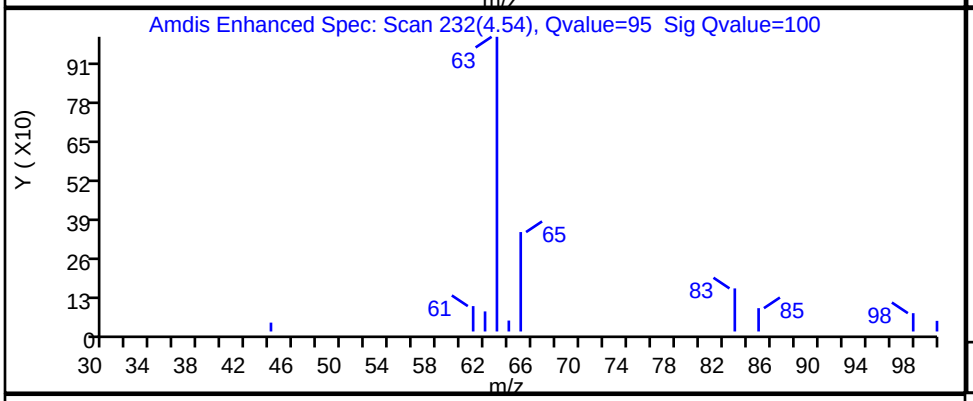
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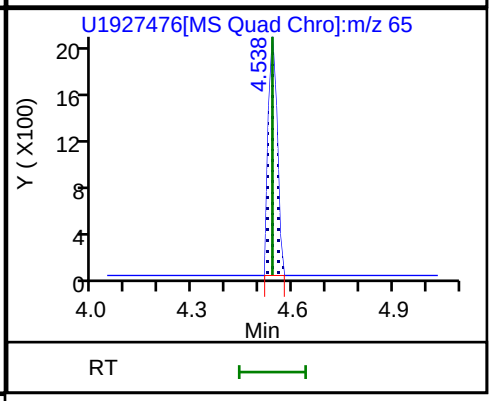
Injection Date:	12-May-2022 17:23:06	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-14	Lab Sample ID:	240-166223-14		
Client ID:	GW-050422-SS-038				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	250.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

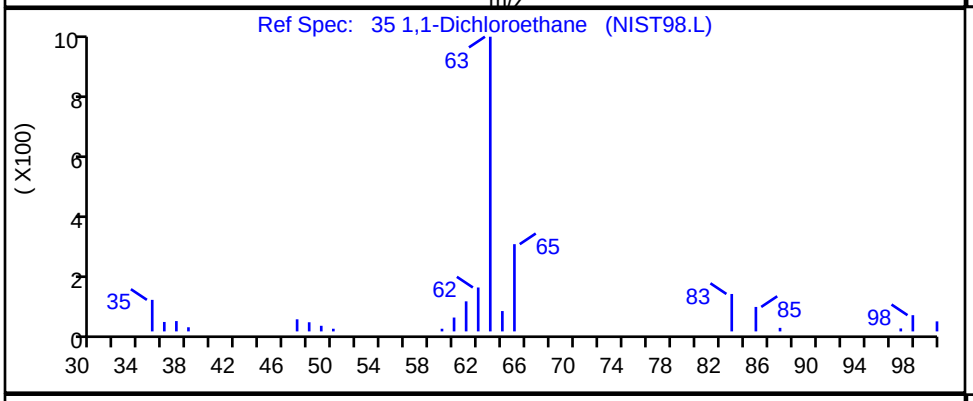
35 1,1-Dichloroethane, CAS: 75-34-3

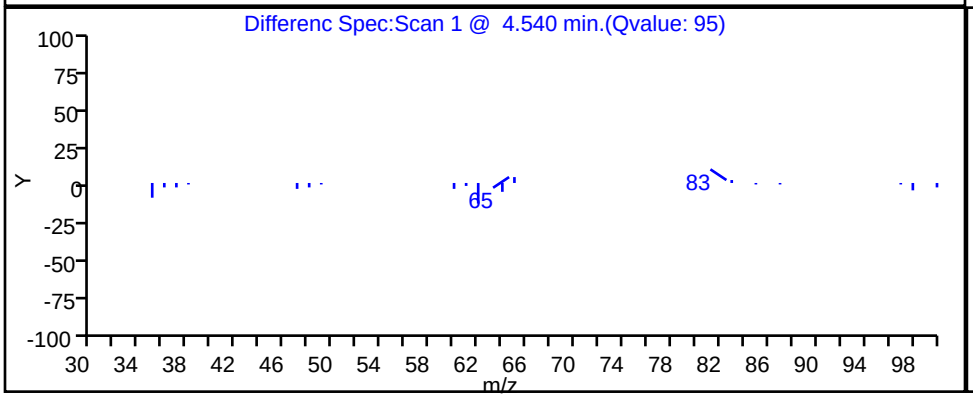


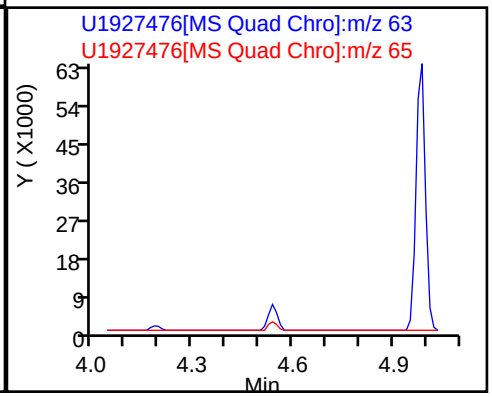












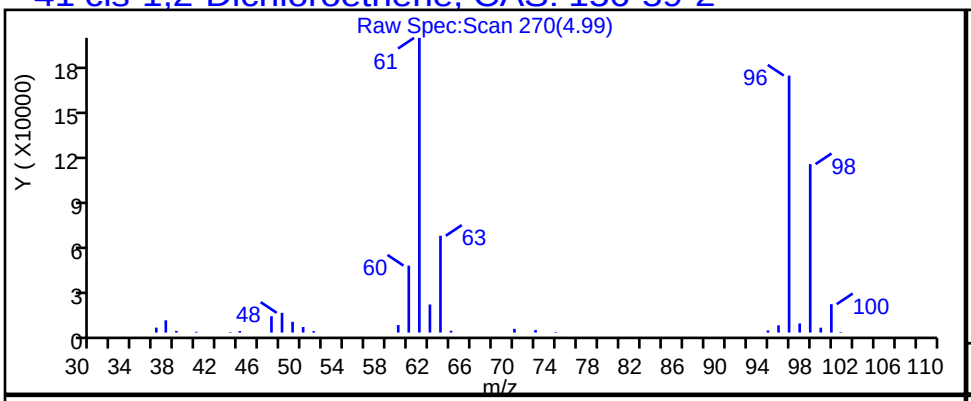
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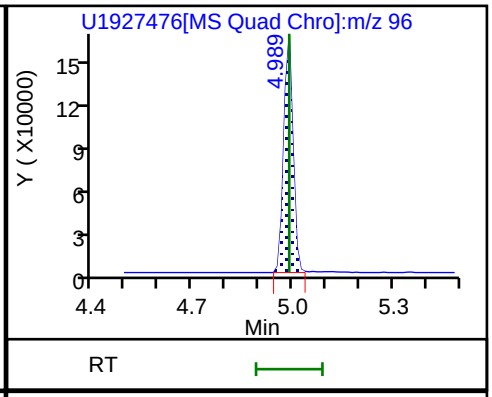
Eurofins Canton

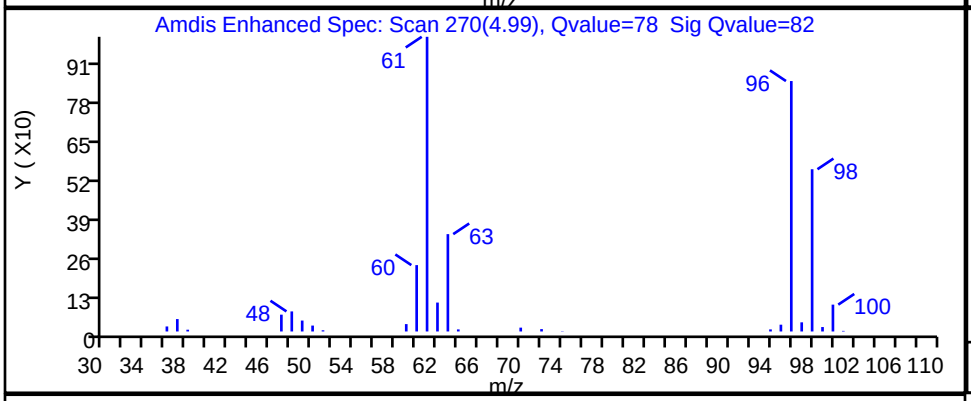
Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927476.D

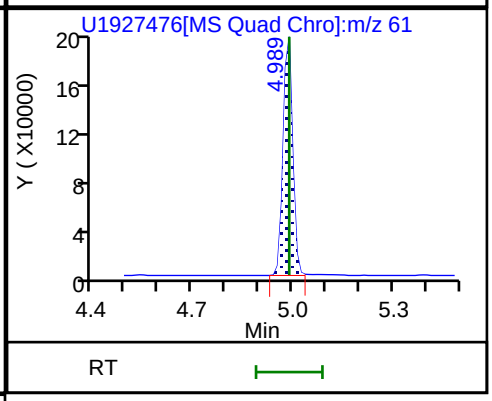
Injection Date:	12-May-2022 17:23:06	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-14	Lab Sample ID:	240-166223-14		
Client ID:	GW-050422-SS-038				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	250.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

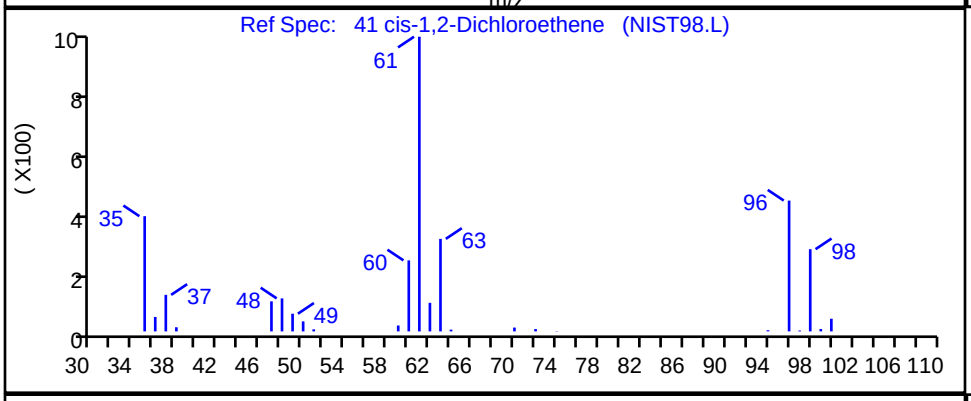
41 cis-1,2-Dichloroethene, CAS: 156-59-2

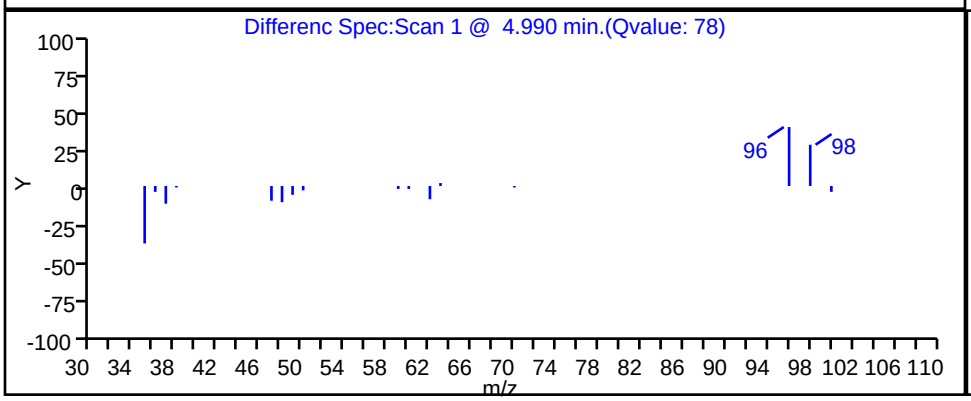


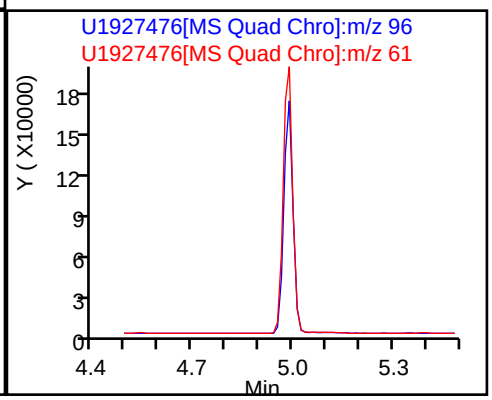












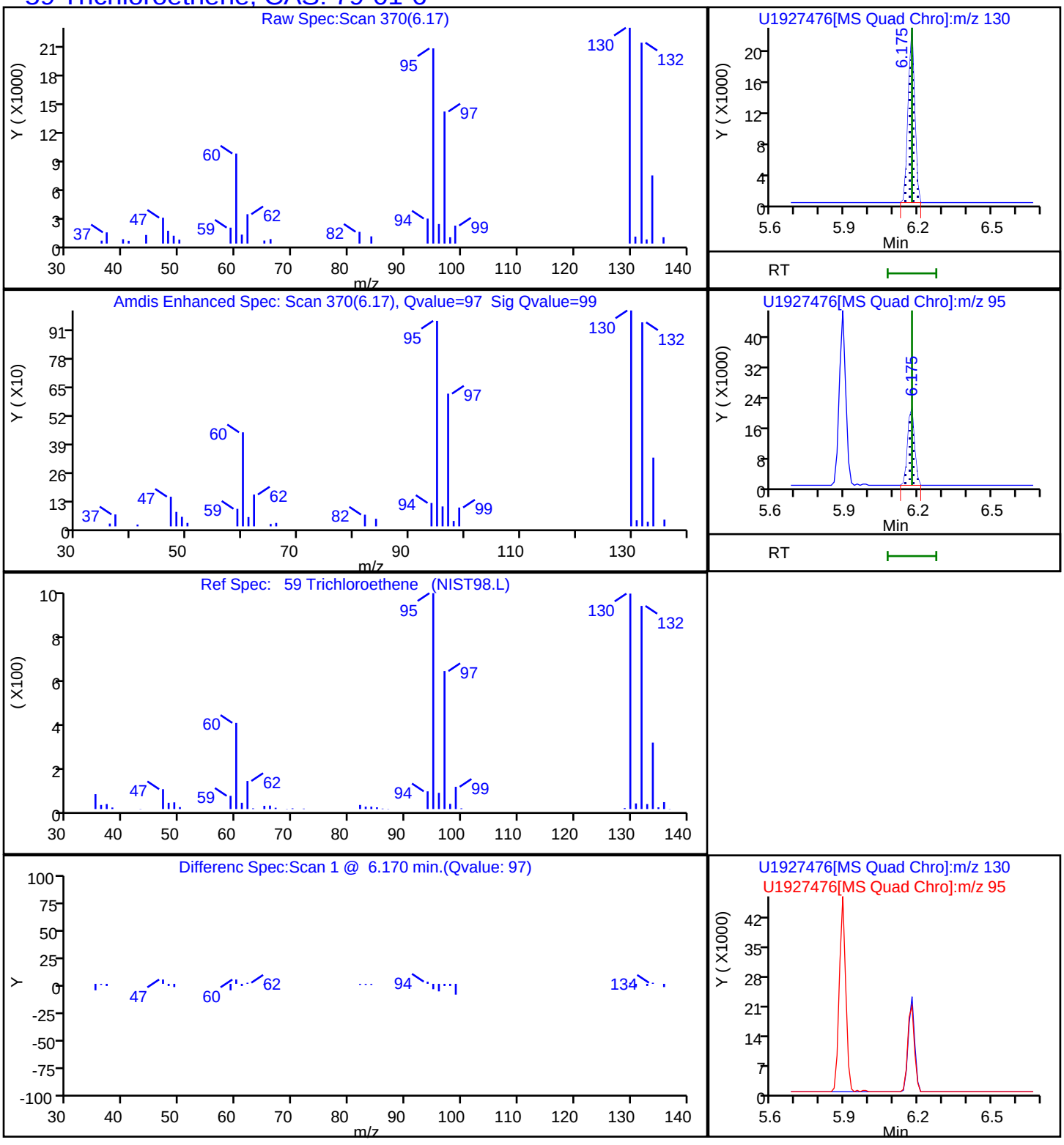
Report Date: 13-May-2022 08:50:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927476.D

Injection Date:	12-May-2022 17:23:06	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-14	Lab Sample ID:	240-166223-14		
Client ID:	GW-050422-SS-038				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	250.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

59 Trichloroethene, CAS: 79-01-6



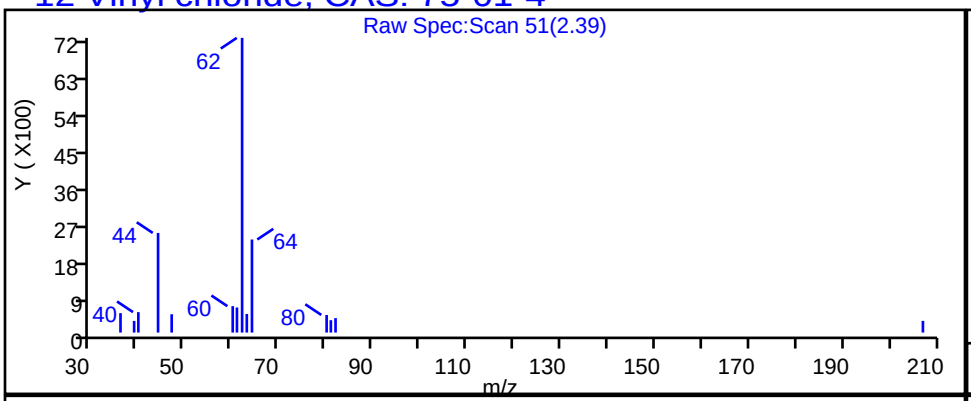
Report Date: 13-May-2022 08:50:55 Chrom Revision: 2.3 12-Apr-2022 20:29:44

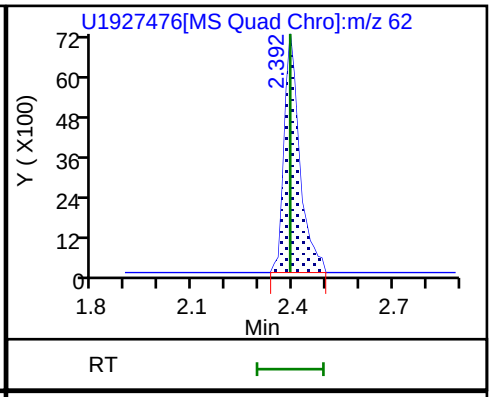
Eurofins Canton

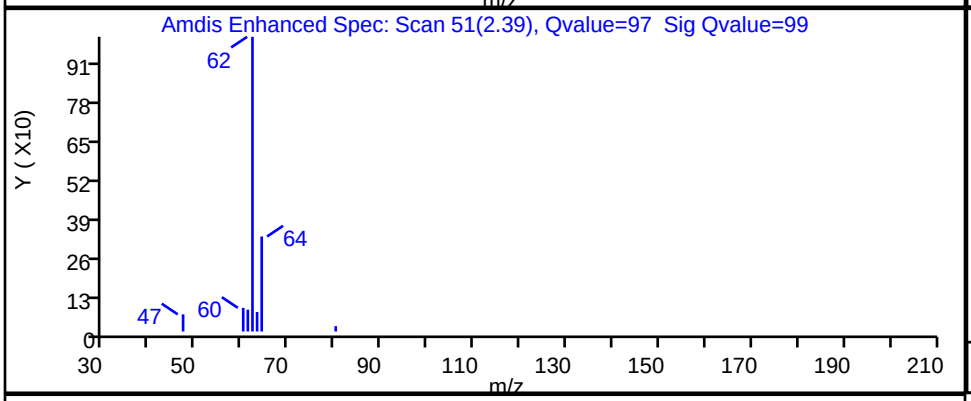
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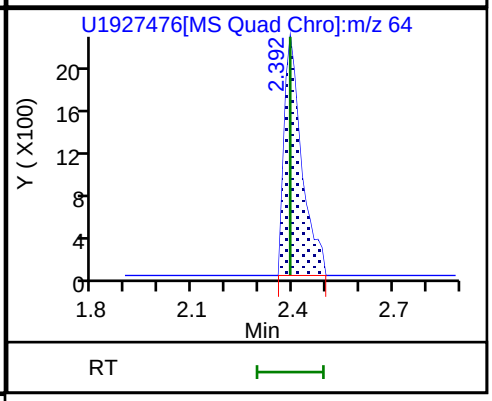
Injection Date:	12-May-2022 17:23:06	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-14	Lab Sample ID:	240-166223-14		
Client ID:	GW-050422-SS-038				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	250.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

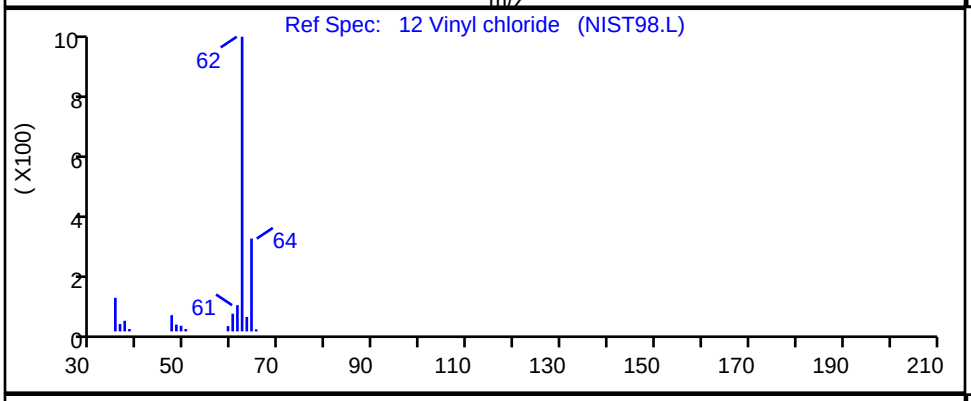
12 Vinyl chloride, CAS: 75-01-4

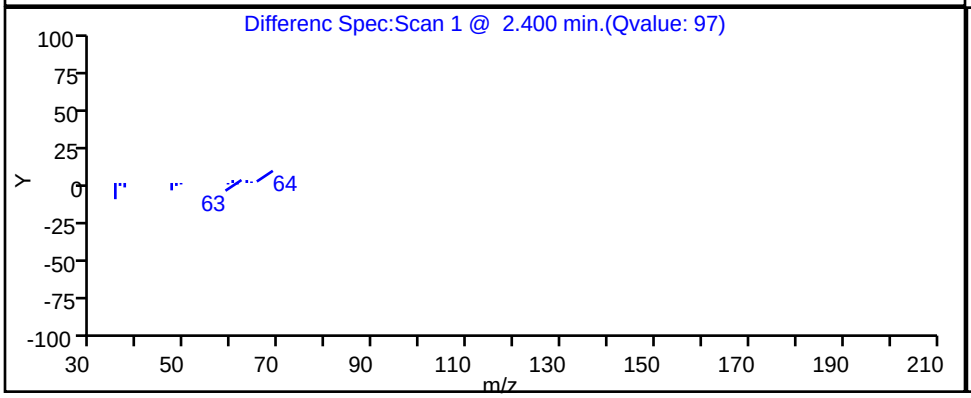


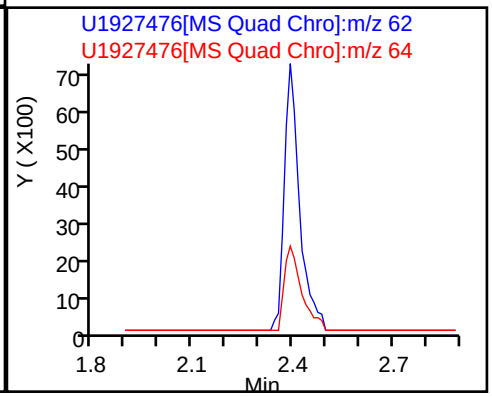












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050422-SS-003 | Lab Sample ID: 240-166223-15

Matrix: Water | Lab File ID: U1927477.D

Analysis Method: 8260D | Date Collected: 05/04/2022 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	2.7		1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	67		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	2.5		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	6.1		1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050422-SS-003 | Lab Sample ID: 240-166223-15

Matrix: Water | Lab File ID: U1927477.D

Analysis Method: 8260D | Date Collected: 05/04/2022 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 17:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927477.D
Lims ID: 240-166223-B-15
Client ID: SW-050422-SS-003
Sample Type: Client
Inject. Date: 12-May-2022 17:45:25 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-024
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:10

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
*	1 Fluorobenzene	96	5.890	5.890	0.000	99	936195	20.0	
*	2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	673398	20.0	
*	3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	326156	20.0	
$	4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	252227	18.4	
$	5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	305334	19.8	
$	6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	847837	20.7	
$	7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	297763	19.8	
	10 Chloromethane	50		2.261				ND	
	12 Vinyl chloride	62	2.404	2.392	0.012	98	101019	6.11	
	13 Bromomethane	94		2.748				ND	7
	15 Chloroethane	64		2.831				ND	
	20 1,1-Dichloroethene	61	3.542	3.542	0.000	96	4641	0.2670	
	22 Acetone	43		3.554				ND	7
	25 Carbon disulfide	76		3.756				ND	7
	29 Methylene Chloride	49		3.957				ND	7
	32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	98	42057	2.50	
	35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	56019	2.70	
	40 2-Butanone (MEK)	72		4.953				ND	
	41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	966989	67.4	
	48 Chloroform	83		5.238				ND	
	49 1,1,1-Trichloroethane	97		5.392				ND	
	52 Carbon tetrachloride	117		5.522				ND	
	54 Benzene	78		5.665				ND	
	55 1,2-Dichloroethane	62		5.689				ND	
	59 Trichloroethene	130		6.175				ND	7
	62 1,2-Dichloropropane	63		6.376				ND	
	66 Dichlorobromomethane	83		6.566				ND	
	69 cis-1,3-Dichloropropene	75		6.922				ND	
	70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
	71 Toluene	91		7.218				ND	
	72 trans-1,3-Dichloropropene	75		7.372				ND	
	74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

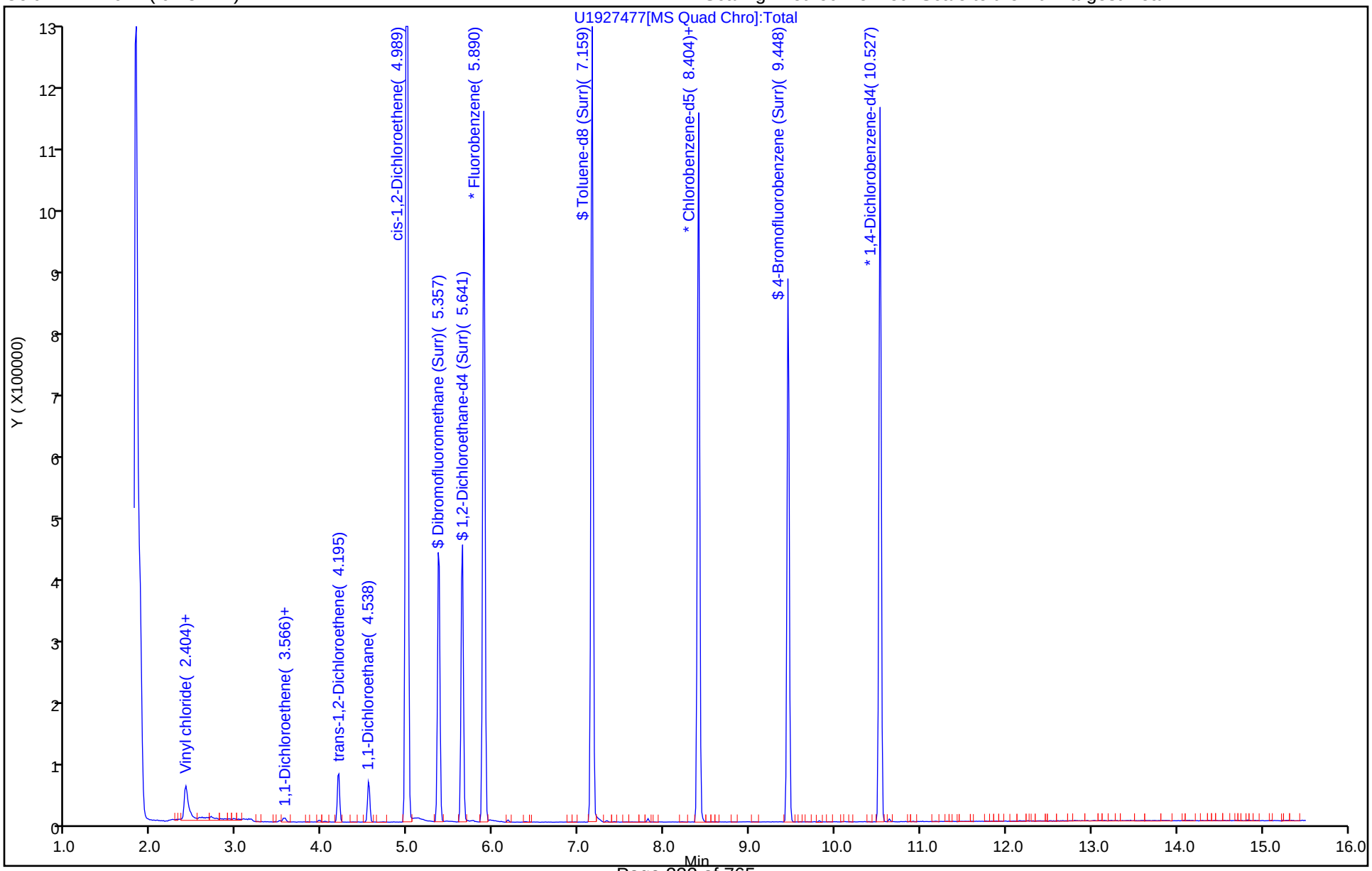
Report Date: 13-May-2022 08:51:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927477.D

Injection Date:	12-May-2022 17:45:25	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-15	Lab Sample ID:	240-166223-15	Worklist Smp#:	24
Client ID:	SW-050422-SS-003				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927477.D
Lims ID: 240-166223-B-15
Client ID: SW-050422-SS-003
Sample Type: Client
Inject. Date: 12-May-2022 17:45:25 ALS Bottle#: 0 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-024
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	92.09
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	99.18
$ 6 Toluene-d8 (Surr)	20.0	20.7	103.53
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.8	98.92

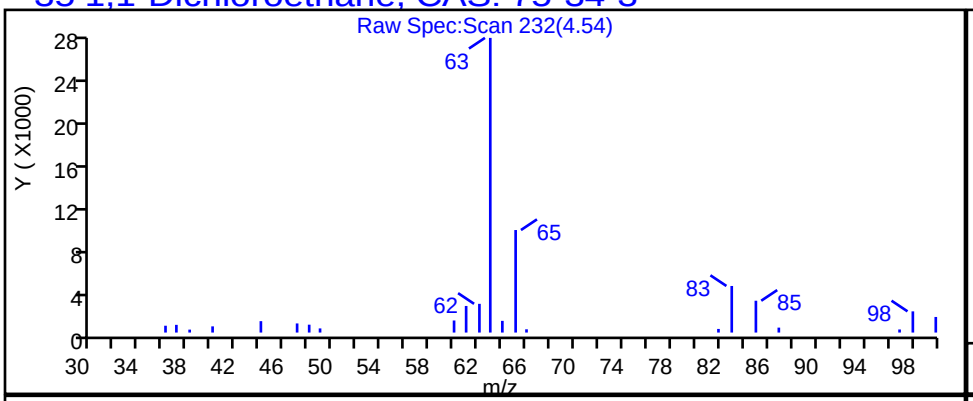
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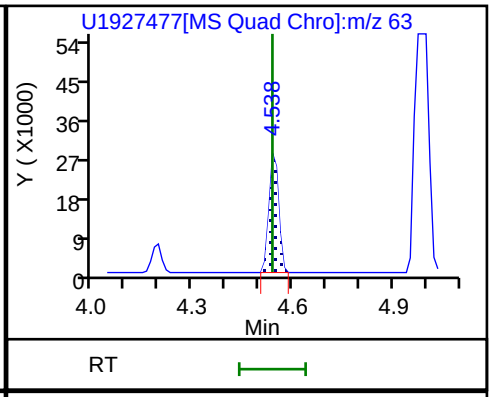
Eurofins Canton

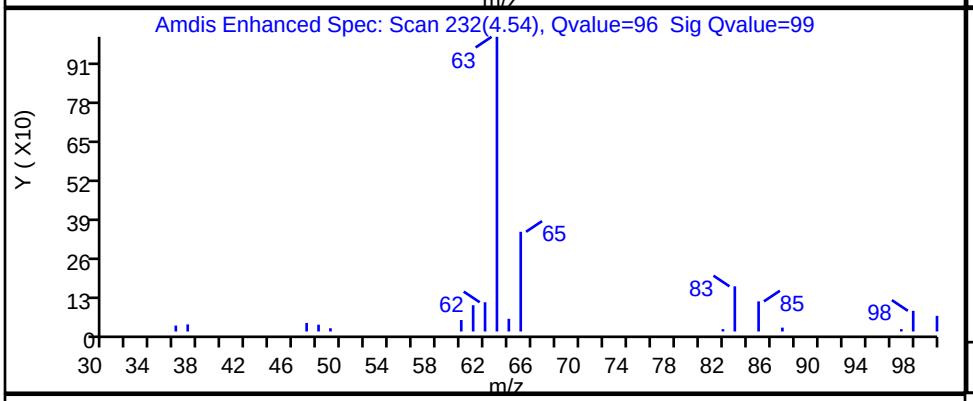
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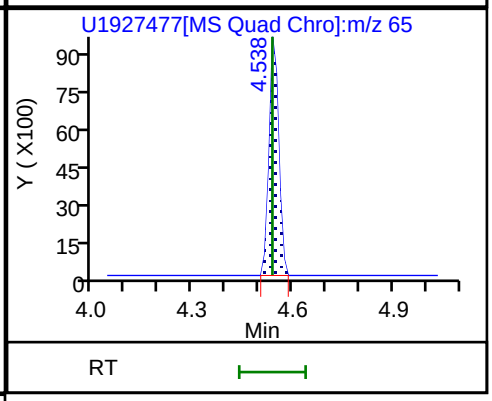
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Lims ID:	240-166223-B-15	Lab Sample ID:	240-166223-15		
Client ID:	SW-050422-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

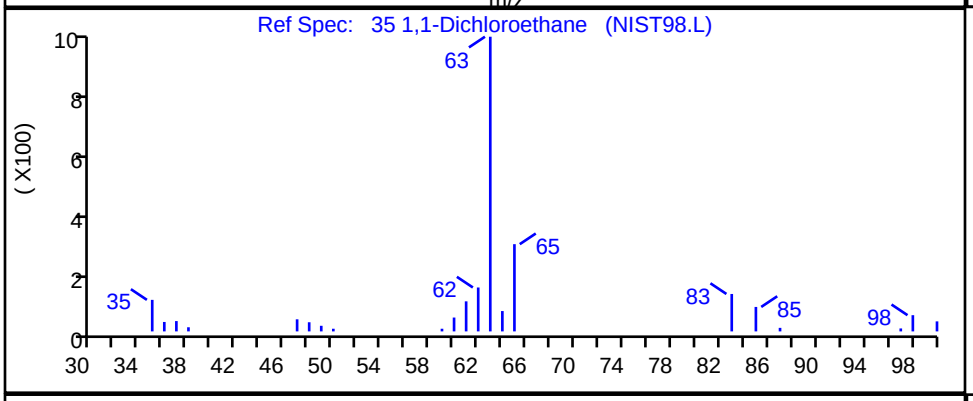
35 1,1-Dichloroethane, CAS: 75-34-3

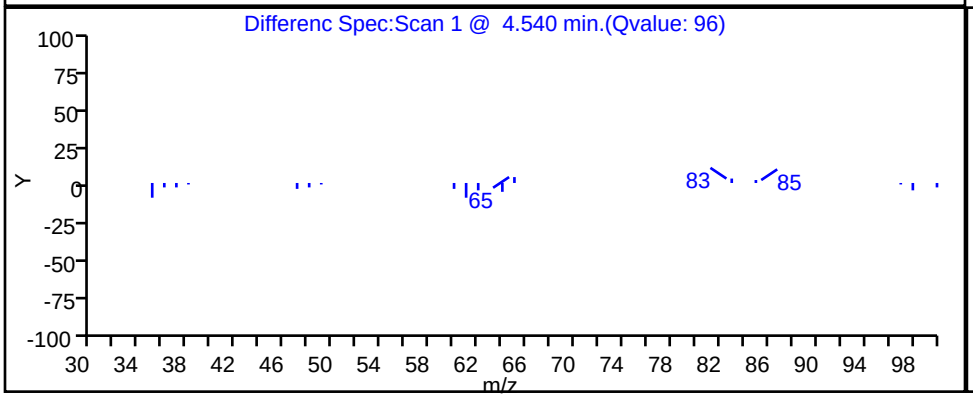


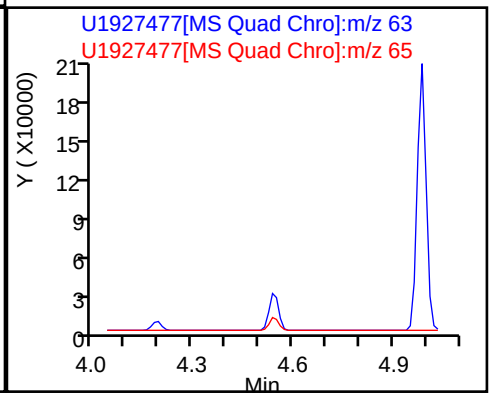












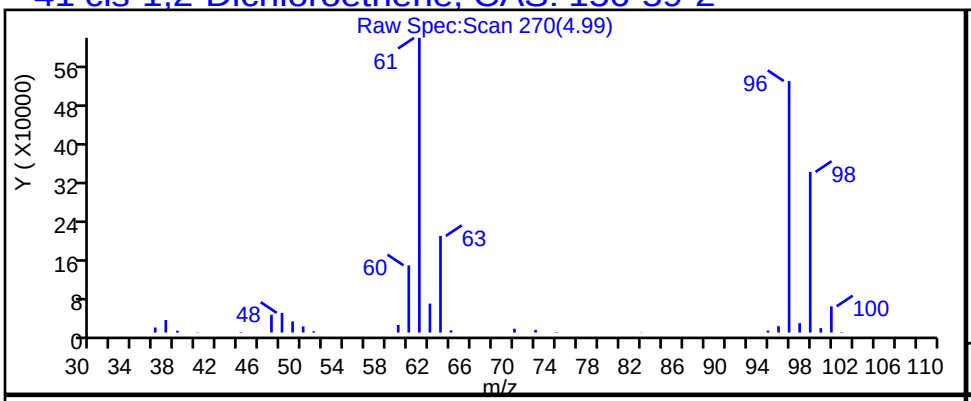
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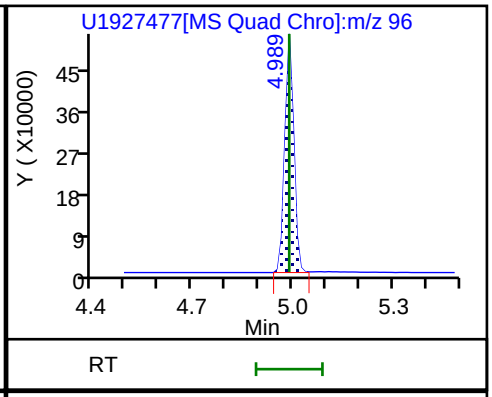
Eurofins Canton

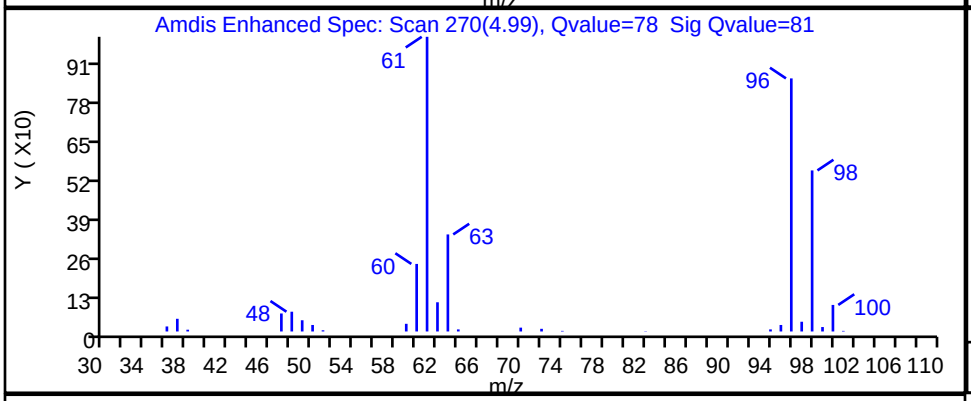
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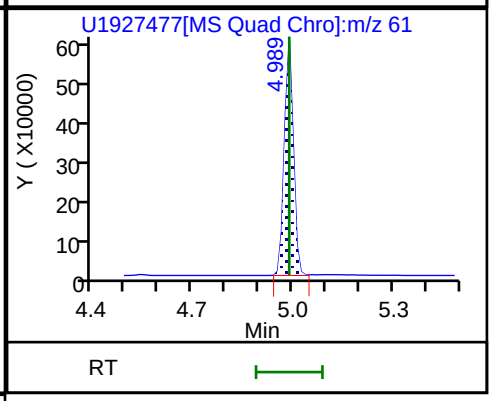
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Lims ID:	240-166223-B-15	Lab Sample ID:	240-166223-15		
Client ID:	SW-050422-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

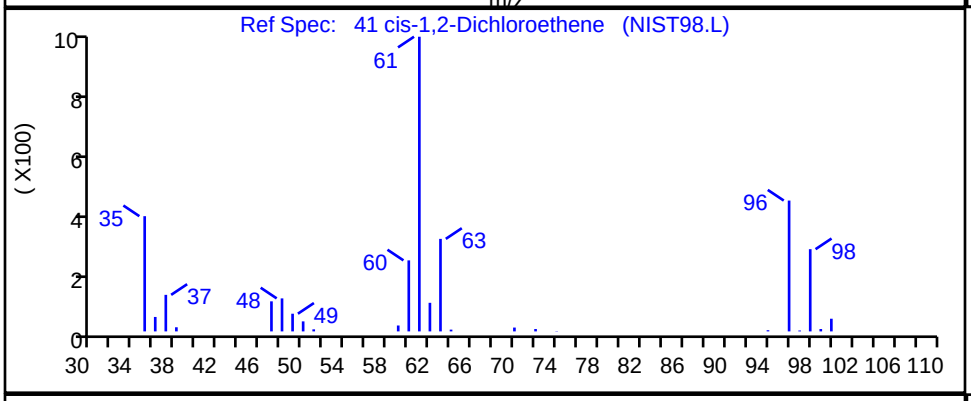
41 cis-1,2-Dichloroethene, CAS: 156-59-2

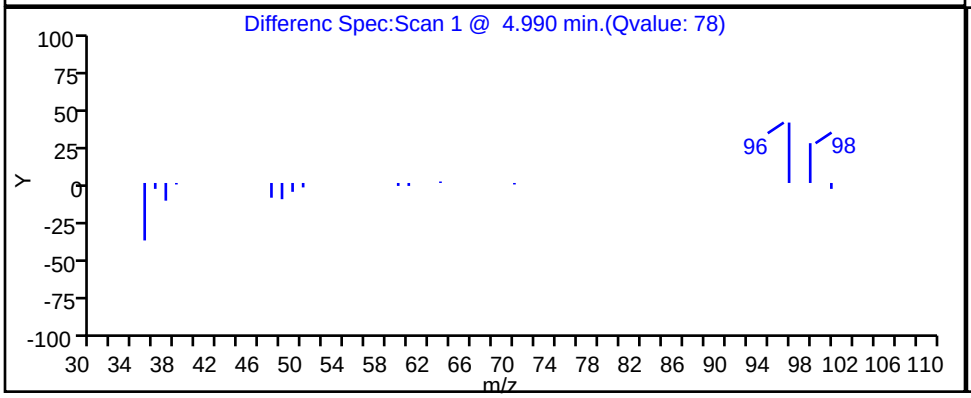


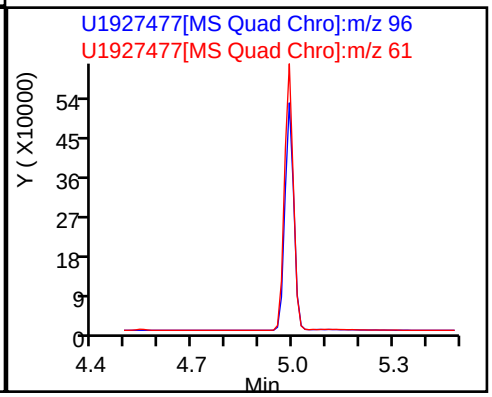












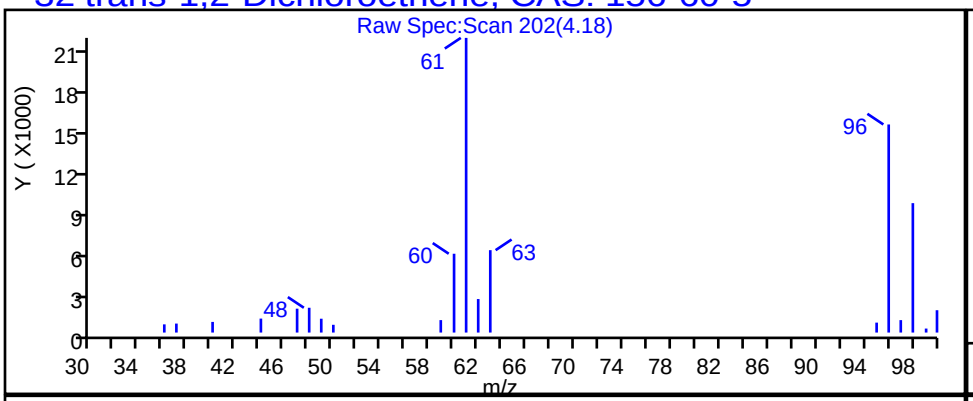
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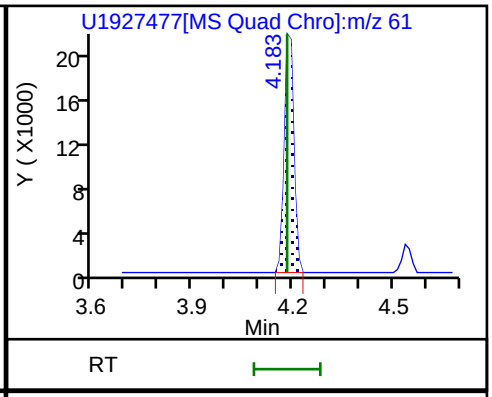
Eurofins Canton

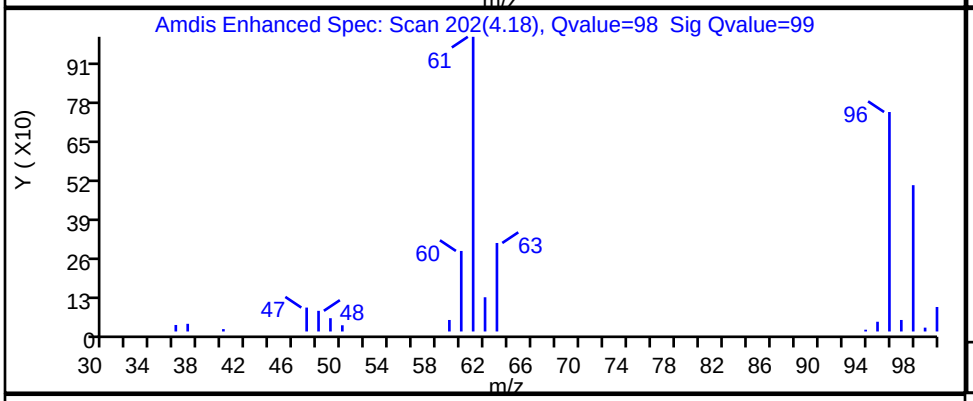
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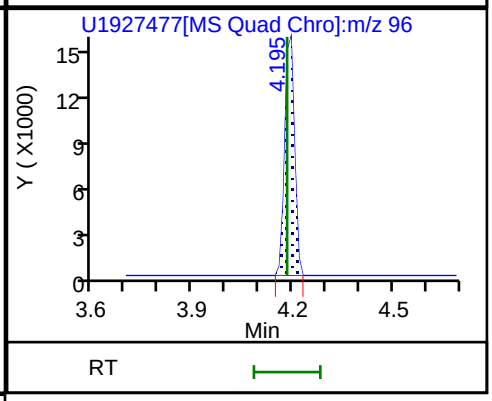
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Lims ID:	240-166223-B-15	Lab Sample ID:	240-166223-15		
Client ID:	SW-050422-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

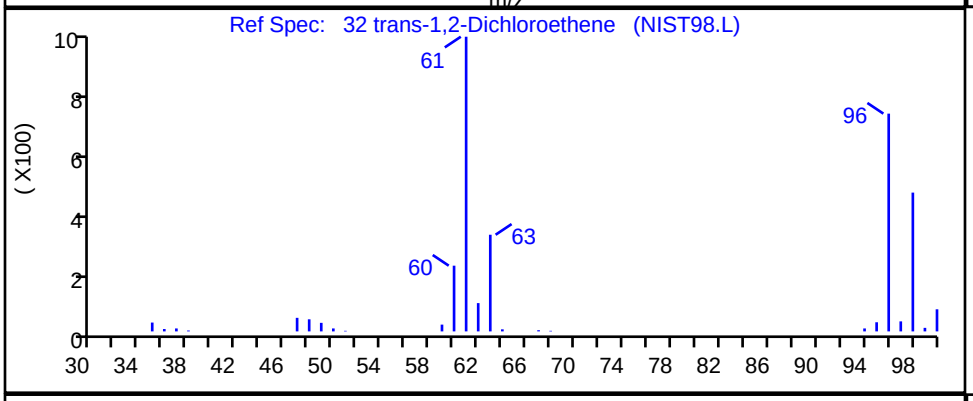
32 trans-1,2-Dichloroethene, CAS: 156-60-5

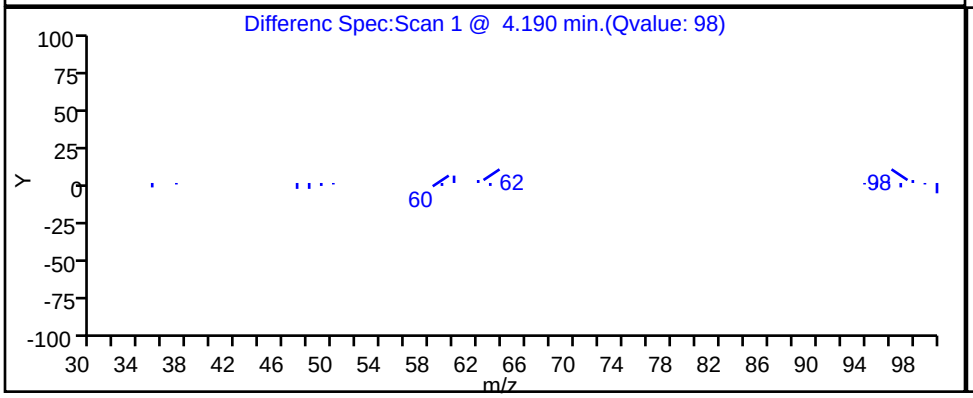


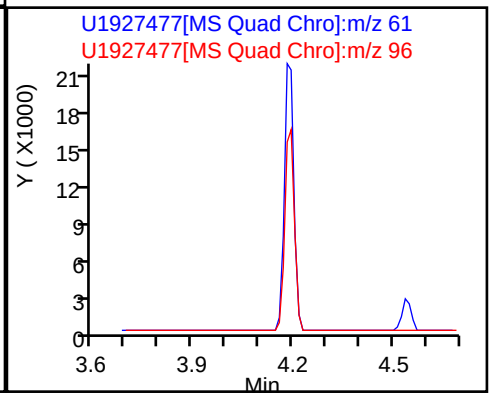












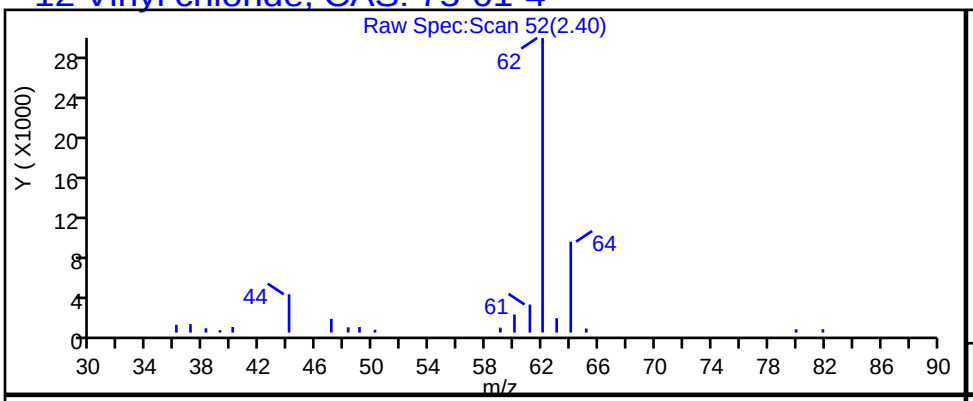
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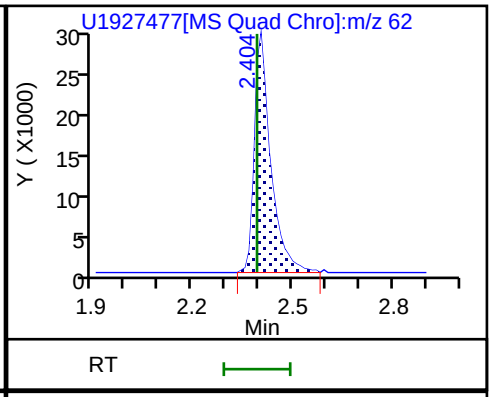
Eurofins Canton

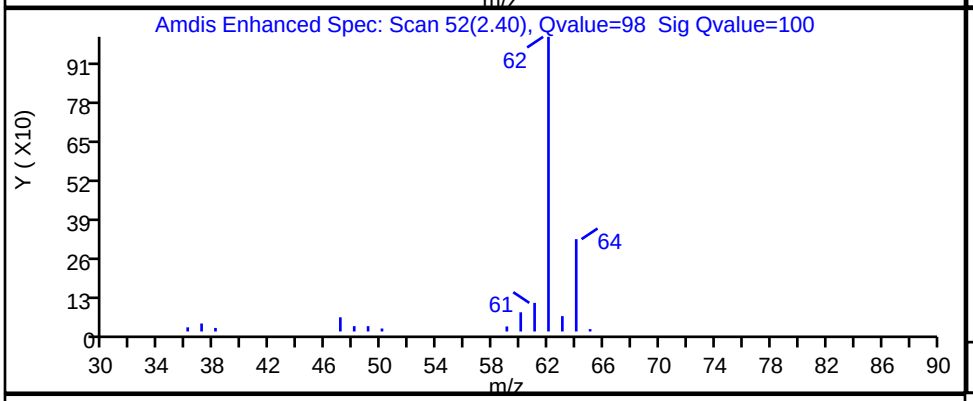
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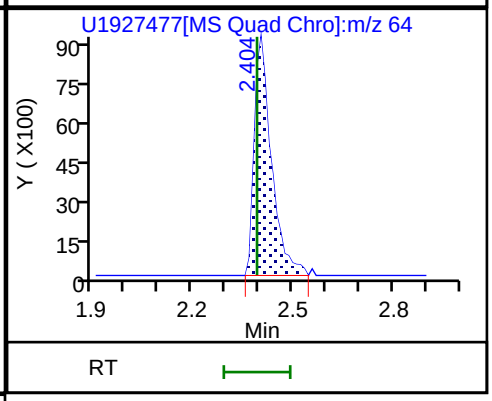
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Client ID:	SW-050422-SS-003				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

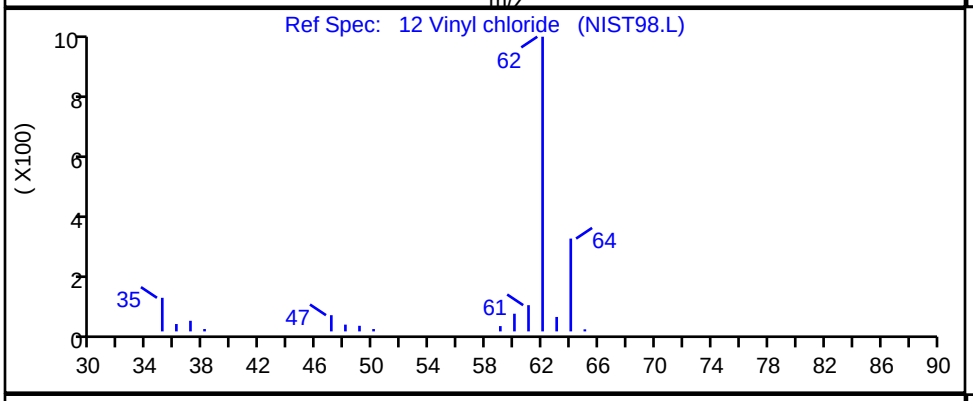
12 Vinyl chloride, CAS: 75-01-4

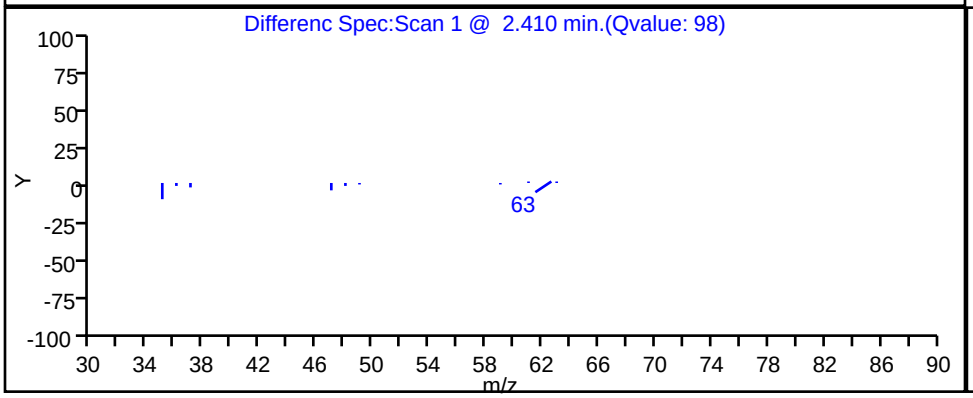


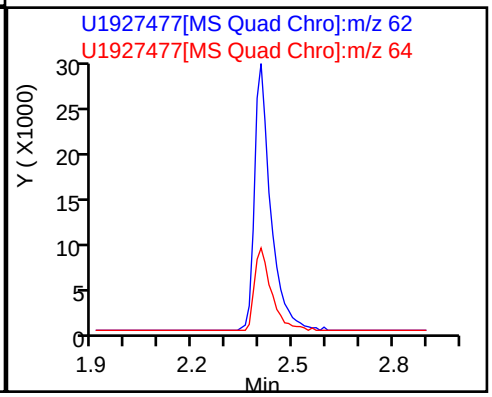












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-039 | Lab Sample ID: 240-166223-16

Matrix: Water | Lab File ID: U1927478.D

Analysis Method: 8260D | Date Collected: 05/05/2022 09:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-039 | Lab Sample ID: 240-166223-16

Matrix: Water | Lab File ID: U1927478.D

Analysis Method: 8260D | Date Collected: 05/05/2022 09:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		62-137
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927478.D
Lims ID: 240-166223-B-16
Client ID: GW-050522-SS-039
Sample Type: Client
Inject. Date: 12-May-2022 18:07:57 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-025
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	904570	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	660715	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	328065	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.356	0.012	93	244748	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	302637	20.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	813591	20.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	290110	19.6	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	73	1995	0.1440	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

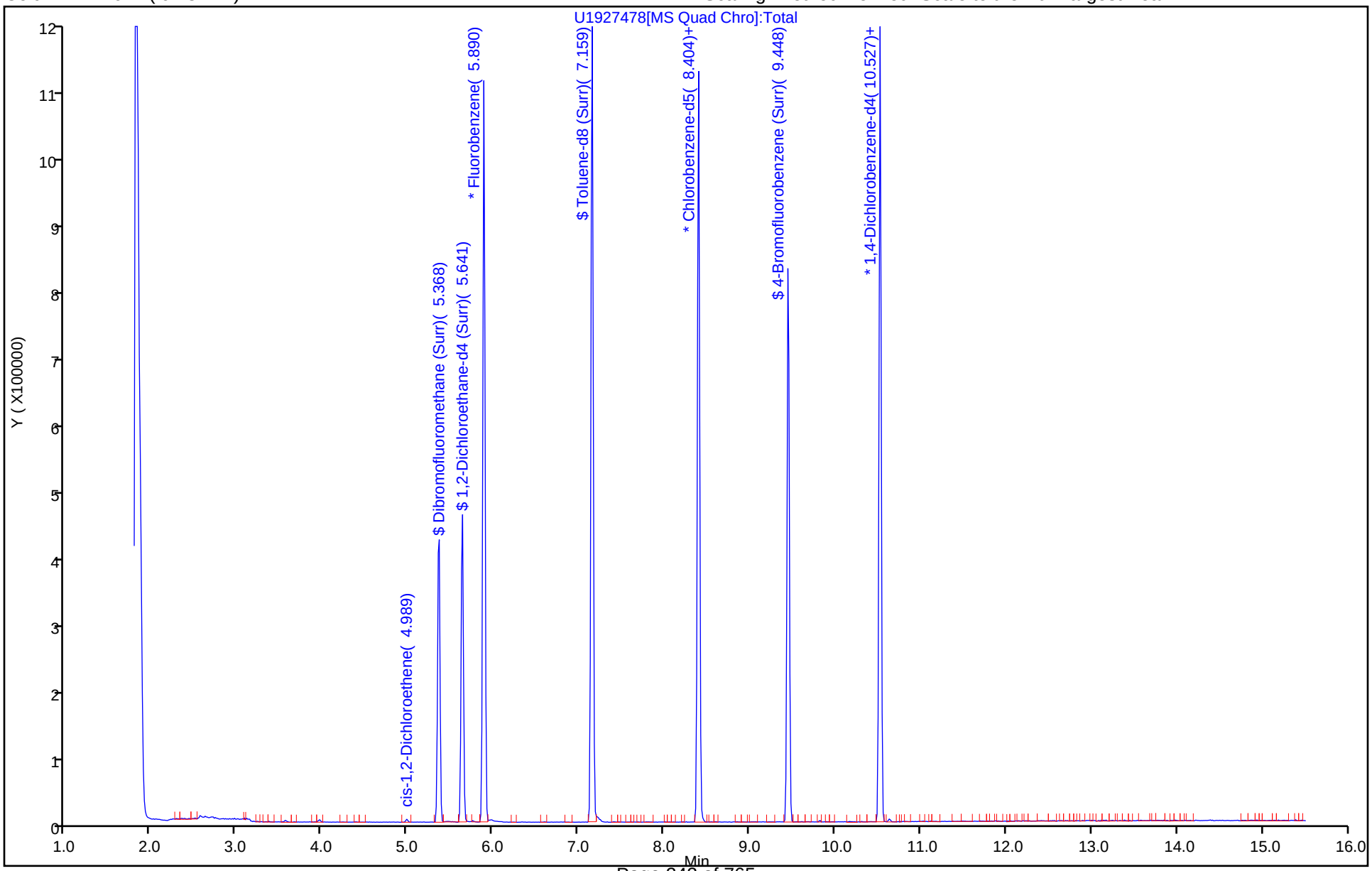
Report Date: 13-May-2022 08:51:20 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927478.D

Injection Date:	12-May-2022 18:07:57	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-16	Lab Sample ID:	240-166223-16	Worklist Smp#:	25
Client ID:	GW-050522-SS-039				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927478.D
Lims ID: 240-166223-B-16
Client ID: GW-050522-SS-039
Sample Type: Client
Inject. Date: 12-May-2022 18:07:57 ALS Bottle#: 0 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-025
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	92.48
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.3	101.74
$ 6 Toluene-d8 (Surr)	20.0	20.3	101.26
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.6	98.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 | Lab Sample ID: 240-166223-17

Matrix: Water | Lab File ID: U1927479.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:30

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	40	U	40	19
79-34-5	1,1,2,2-Tetrachloroethane	40	U	40	24
79-00-5	1,1,2-Trichloroethane	40	U	40	19
75-34-3	1,1-Dichloroethane	40	U	40	19
75-35-4	1,1-Dichloroethene	40	U	40	20
107-06-2	1,2-Dichloroethane	40	U	40	8.4
78-87-5	1,2-Dichloropropane	40	U	40	19
591-78-6	2-Hexanone	400	U	400	44
67-64-1	Acetone	400	U	400	220
71-43-2	Benzene	40	U	40	17
75-25-2	Bromoform	40	U	40	30
74-83-9	Bromomethane	40	U	40	17
75-15-0	Carbon disulfide	40	U	40	24
56-23-5	Carbon tetrachloride	40	U	40	10
108-90-7	Chlorobenzene	40	U	40	15
75-00-3	Chloroethane	40	U	40	33
67-66-3	Chloroform	40	U	40	19
74-87-3	Chloromethane	40	U	40	25
156-59-2	cis-1,2-Dichloroethene	40	U	40	18
10061-01-5	cis-1,3-Dichloropropene	40	U	40	24
75-27-4	Dichlorobromomethane	40	U	40	6.8
100-41-4	Ethylbenzene	40	U	40	17
78-93-3	2-Butanone (MEK)	400	U	400	46
108-10-1	4-Methyl-2-pentanone (MIBK)	400	U	400	40
75-09-2	Methylene Chloride	200	U	200	100
100-42-5	Styrene	40	U	40	18
127-18-4	Tetrachloroethene	40	U	40	18
108-88-3	Toluene	40	U	40	18
156-60-5	trans-1,2-Dichloroethene	40	U	40	20
10061-02-6	trans-1,3-Dichloropropene	40	U	40	27
79-01-6	Trichloroethene	40	U	40	18
75-01-4	Vinyl chloride	730		40	18
1330-20-7	Xylenes, Total	80	U	80	17
124-48-1	Chlorodibromomethane	40	U	40	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 | Lab Sample ID: 240-166223-17

Matrix: Water | Lab File ID: U1927479.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:30

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927479.D
Lims ID: 240-166223-B-17
Client ID: GW-050522-SS-040
Sample Type: Client
Inject. Date: 12-May-2022 18:30:30 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	934212	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	683579	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	326369	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	248964	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	98	307764	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	851502	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	87	296716	19.4	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62	2.392	2.392	0.000	98	300103	18.2	
13 Bromomethane	94		2.748				ND	7
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

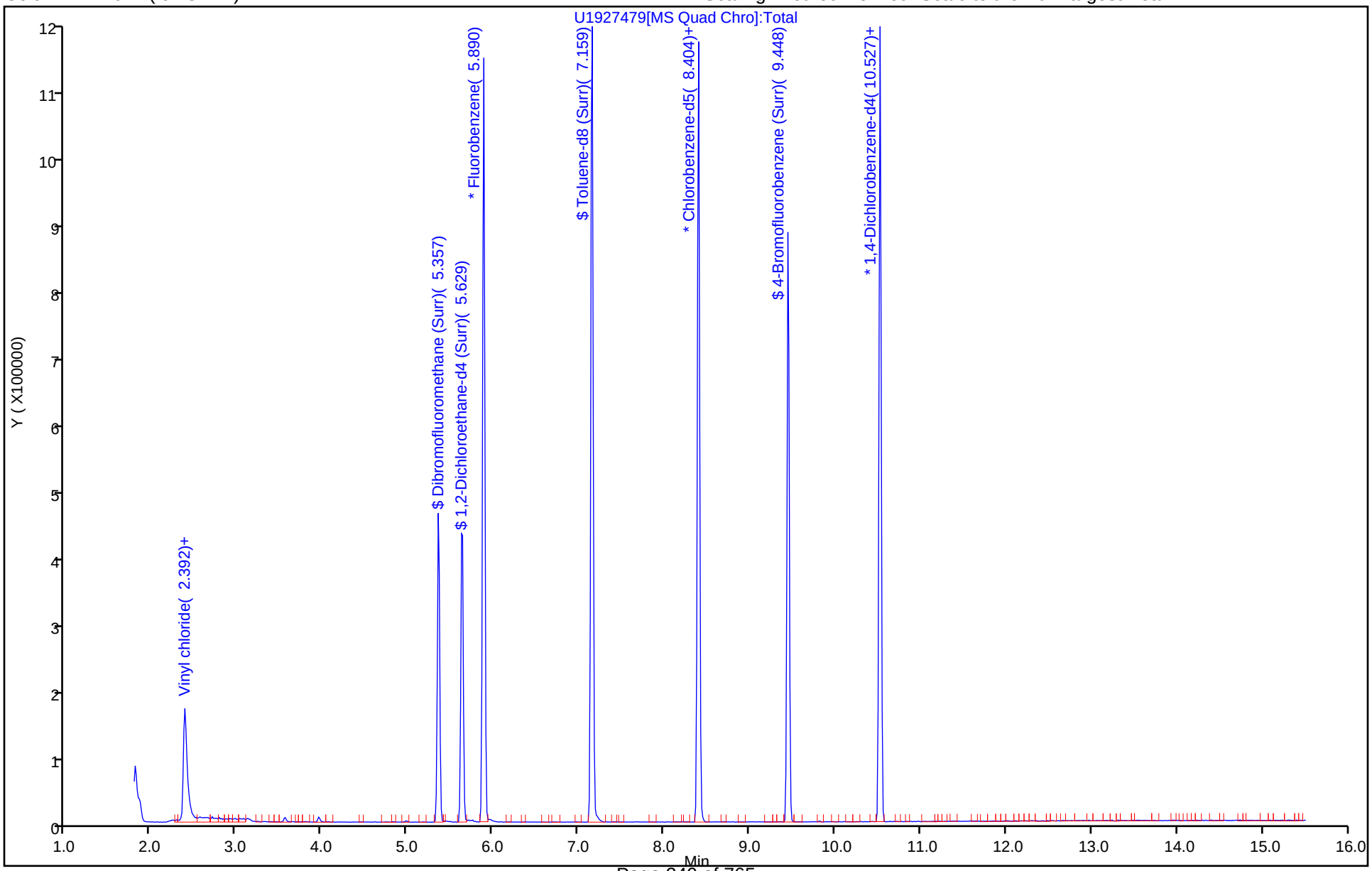
Report Date: 13-May-2022 08:51:36 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927479.D

Injection Date:	12-May-2022 18:30:30	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-17	Lab Sample ID:	240-166223-17	Worklist Smp#:	26
Client ID:	GW-050522-SS-040				
Purge Vol:	5.000 mL	Dil. Factor:	40.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927479.D
Lims ID: 240-166223-B-17
Client ID: GW-050522-SS-040
Sample Type: Client
Inject. Date: 12-May-2022 18:30:30 ALS Bottle#: 0 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-026
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	3643.49
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	4007.16
$ 6 Toluene-d8 (Surr)	20.0	20.5	4097.16
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.4	3884.07

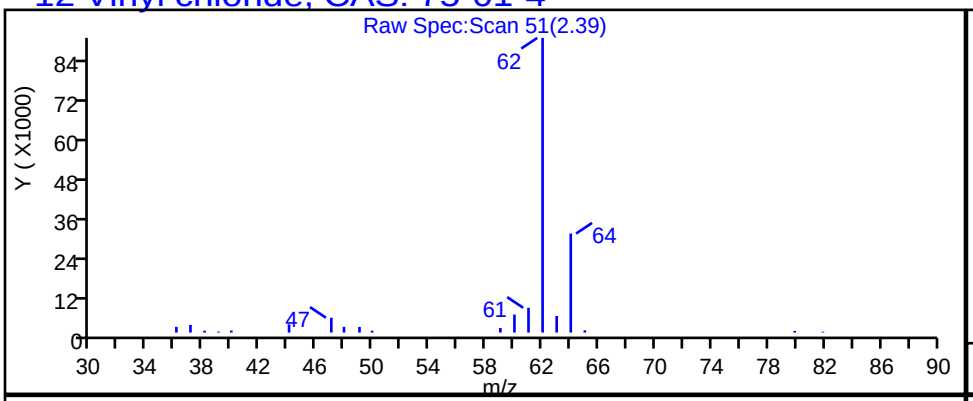
Report Date: 13-May-2022 08:51:36 Chrom Revision: 2.3 12-Apr-2022 20:29:44

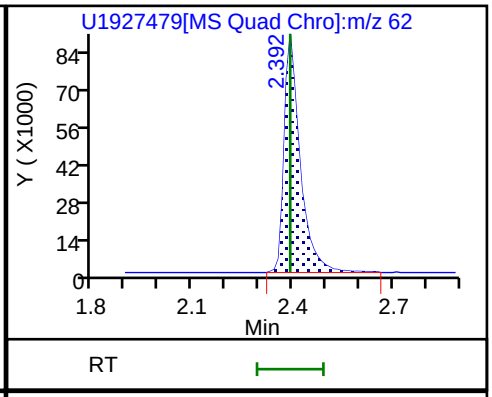
Eurofins Canton

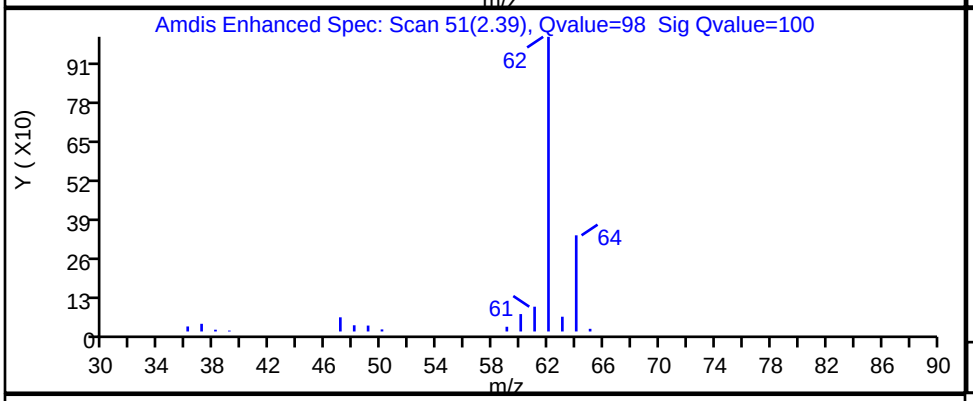
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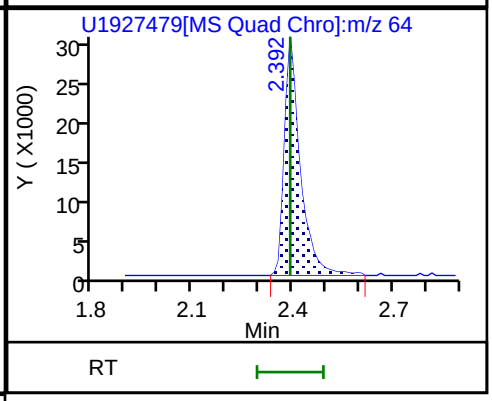
Injection Date:	12-May-2022 18:30:30	Instrument ID:	A3UX19
Lims ID:	240-166223-B-17	Lab Sample ID:	240-166223-17
Client ID:	GW-050522-SS-040		
Operator ID:	001904	ALS Bottle#:	0 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	40.0000
Method:	8260_19	Limit Group:	MSV 8260C ICAL
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

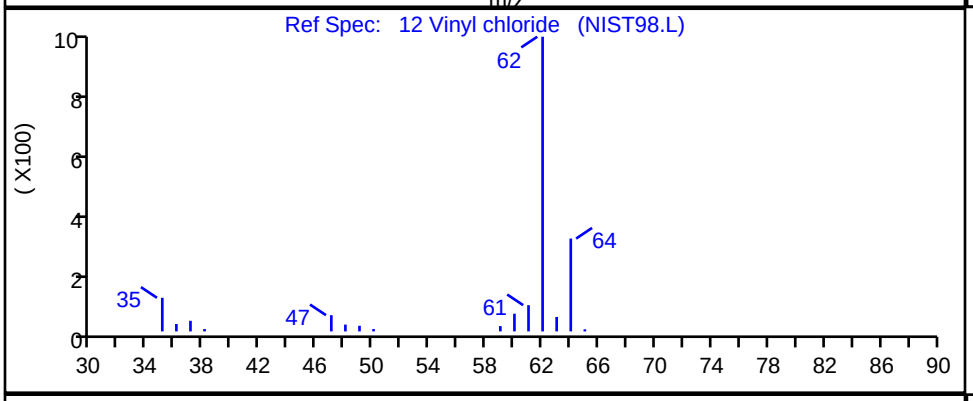
12 Vinyl chloride, CAS: 75-01-4

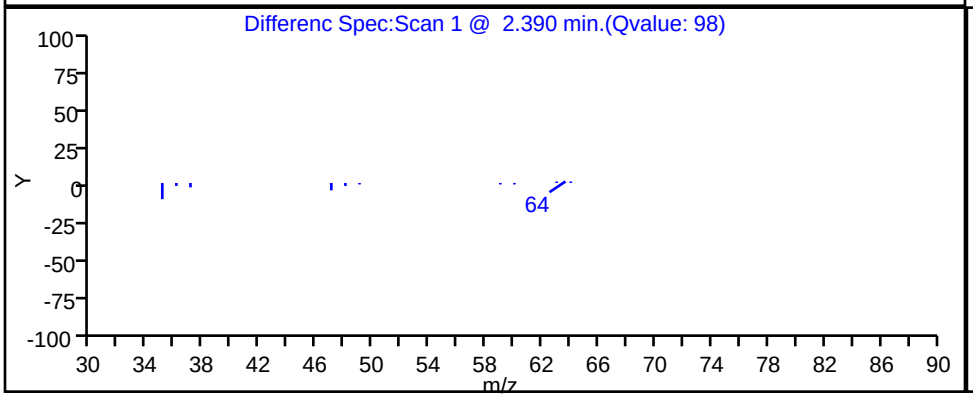


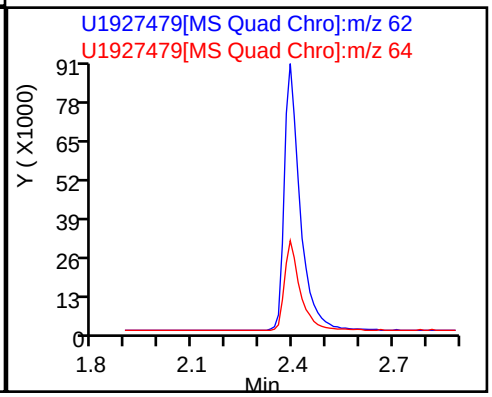












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: EB-050522-SS-004 | Lab Sample ID: 240-166223-18

Matrix: Water | Lab File ID: U1927480.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: EB-050522-SS-004 | Lab Sample ID: 240-166223-18

Matrix: Water | Lab File ID: U1927480.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927480.D
Lims ID: 240-166223-B-18
Client ID: EB-050522-SS-004
Sample Type: Client
Inject. Date: 12-May-2022 18:53:02 ALS Bottle#: 0 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-027
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	910850	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	667706	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	325982	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	92	246331	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	302395	20.2	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	832657	20.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	296037	19.8	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76	3.756	3.756	0.000	99	9228	0.3073	
29 Methylene Chloride	49	3.957	3.957	0.000	90	13810	0.3000	
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	7
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91	7.219	7.218	0.000	98	6265	0.1348	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	7
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

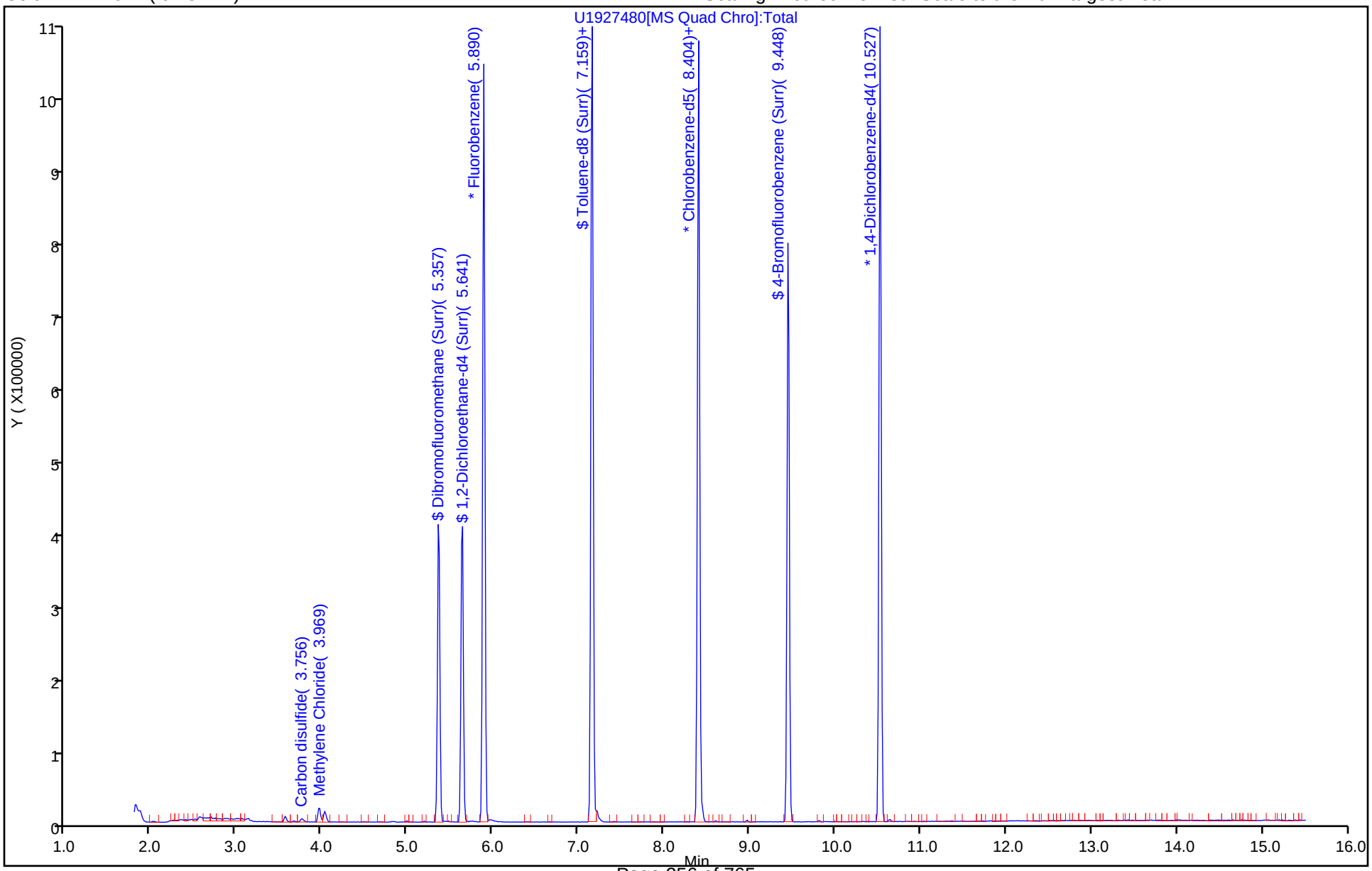
Report Date: 13-May-2022 08:51:47 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927480.D

Injection Date:	12-May-2022 18:53:02	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-18	Lab Sample ID:	240-166223-18	Worklist Smp#:	27
Client ID:	EB-050522-SS-004				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927480.D				
Lims ID:	240-166223-B-18				
Client ID:	EB-050522-SS-004				
Sample Type:	Client				
Inject. Date:	12-May-2022 18:53:02	ALS Bottle#:	0	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	240-0118477-027				
Operator ID:	001904	Instrument ID:	A3UX19		
Method:	\\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	13-May-2022 08:50:35	Calib Date:	29-Apr-2022 17:55:01		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1645				

First Level Reviewer: laveyt Date: 13-May-2022 08:51:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.5	92.44
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.2	100.96
$ 6 Toluene-d8 (Surr)	20.0	20.5	102.54
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.8	99.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-041 | Lab Sample ID: 240-166223-19

Matrix: Water | Lab File ID: U1927481.D

Analysis Method: 8260D | Date Collected: 05/05/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 19:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-041 | Lab Sample ID: 240-166223-19

Matrix: Water | Lab File ID: U1927481.D

Analysis Method: 8260D | Date Collected: 05/05/2022 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 19:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	96		56-136
2037-26-5	Toluene-d8 (Surr)	102		78-122
1868-53-7	Dibromofluoromethane (Surr)	92		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927481.D
Lims ID: 240-166223-B-19
Client ID: GW-050522-SS-041
Sample Type: Client
Inject. Date: 12-May-2022 19:15:23 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	875897	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	650329	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	308719	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.356	0.013	92	235383	18.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	289420	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	805899	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	278492	19.2	
10 Chloromethane	50		2.261				ND	
12 Vinyl chloride	62		2.392				ND	
13 Bromomethane	94		2.748				ND	
15 Chloroethane	64		2.831				ND	
20 1,1-Dichloroethene	61		3.542				ND	
22 Acetone	43		3.554				ND	7
25 Carbon disulfide	76		3.756				ND	
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.182				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.953				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.522				ND	
54 Benzene	78		5.665				ND	
55 1,2-Dichloroethane	62		5.689				ND	7
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.566				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.372				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.704				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.961				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

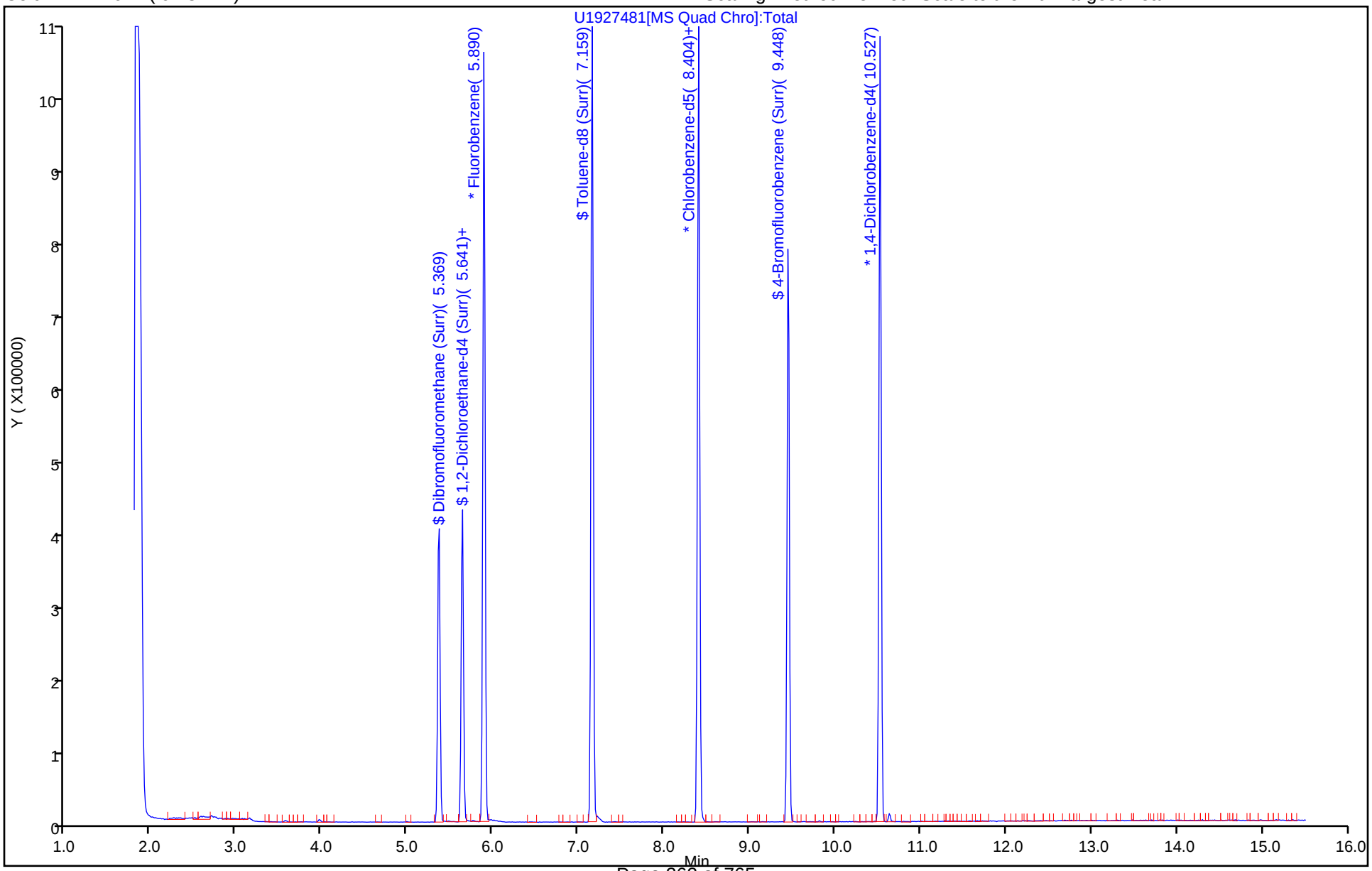
Report Date: 13-May-2022 08:51:54 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927481.D

Injection Date:	12-May-2022 19:15:23	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-19	Lab Sample ID:	240-166223-19	Worklist Smp#:	28
Client ID:	GW-050522-SS-041				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927481.D
Lims ID: 240-166223-B-19
Client ID: GW-050522-SS-041
Sample Type: Client
Inject. Date: 12-May-2022 19:15:23 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-028
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:51:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.4	91.85
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.1	100.48
$ 6 Toluene-d8 (Surr)	20.0	20.4	101.90
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.2	95.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-042 | Lab Sample ID: 240-166223-20

Matrix: Water | Lab File ID: u1290611.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:02

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	48
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	60
79-00-5	1,1,2-Trichloroethane	100	U	100	48
75-34-3	1,1-Dichloroethane	180		100	47
75-35-4	1,1-Dichloroethene	100	U	100	49
107-06-2	1,2-Dichloroethane	100	U	100	21
78-87-5	1,2-Dichloropropane	100	U	100	47
591-78-6	2-Hexanone	1000	U	1000	110
67-64-1	Acetone	1000	U	1000	540
71-43-2	Benzene	100	U	100	42
75-25-2	Bromoform	100	U	100	76
74-83-9	Bromomethane	100	U	100	42
75-15-0	Carbon disulfide	100	U	100	59
56-23-5	Carbon tetrachloride	100	U	100	26
108-90-7	Chlorobenzene	100	U	100	38
75-00-3	Chloroethane	100	U	100	83
67-66-3	Chloroform	100	U	100	47
74-87-3	Chloromethane	100	U	100	63
156-59-2	cis-1,2-Dichloroethene	5200		100	46
10061-01-5	cis-1,3-Dichloropropene	100	U	100	61
75-27-4	Dichlorobromomethane	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	42
78-93-3	2-Butanone (MEK)	1000	U	1000	120
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	99
75-09-2	Methylene Chloride	500	U	500	260
100-42-5	Styrene	100	U	100	45
127-18-4	Tetrachloroethene	100	U	100	44
108-88-3	Toluene	100	U	100	44
156-60-5	trans-1,2-Dichloroethene	170		100	51
10061-02-6	trans-1,3-Dichloropropene	100	U	100	67
79-01-6	Trichloroethene	100	U	100	44
75-01-4	Vinyl chloride	250		100	45
1330-20-7	Xylenes, Total	200	U	200	42
124-48-1	Chlorodibromomethane	100	U	100	39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-042 | Lab Sample ID: 240-166223-20

Matrix: Water | Lab File ID: u1290611.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:02

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		62-137
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
2037-26-5	Toluene-d8 (Surr)	98		78-122
1868-53-7	Dibromofluoromethane (Surr)	113		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D
Lims ID: 240-166223-B-20
Client ID: GW-050522-SS-042
Sample Type: Client
Inject. Date: 16-May-2022 20:02:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 100.0000
Sample Info: 240-0118564-029
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	830353	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	568939	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.597	0.001	96	306452	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	94	212811	22.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.710	0.001	95	257556	23.8	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	743722	19.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	91	260263	18.4	
10 Chloromethane	50		2.314				ND	
12 Vinyl chloride	62	2.433	2.444	-0.011	98	44298	2.48	
14 Bromomethane	94		2.799				ND	
15 Chloroethane	64		2.894				ND	
21 1,1-Dichloroethene	61	3.604	3.616	-0.012	96	4921	0.2686	
23 Acetone	58		3.640				ND	7
25 Carbon disulfide	76		3.829				ND	7
29 Methylene Chloride	49		4.030				ND	7
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	98	29296	1.69	
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	37079	1.79	
42 2-Butanone (MEK)	72		5.036				ND	U
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	658581	51.9	
48 Chloroform	83		5.308				ND	
49 1,1,1-Trichloroethane	97		5.474				ND	
52 Carbon tetrachloride	117		5.592				ND	
54 Benzene	78		5.746				ND	
55 1,2-Dichloroethane	62		5.770				ND	
59 Trichloroethene	130		6.243				ND	
62 1,2-Dichloropropane	63		6.456				ND	
66 Dichlorobromomethane	83		6.657				ND	
69 cis-1,3-Dichloropropene	75		7.000				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.095				ND	
71 Toluene	91		7.284				ND	7
72 trans-1,3-Dichloropropene	75		7.450				ND	
75 1,1,2-Trichloroethane	97		7.627				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
76 Tetrachloroethene	166		7.722				ND	
78 2-Hexanone	43		7.781				ND	
80 Chlorodibromomethane	129		7.970				ND	
83 Chlorobenzene	112		8.503				ND	
85 Ethylbenzene	106		8.574				ND	
86 m-Xylene & p-Xylene	106		8.680				ND	
87 o-Xylene	106		9.035				ND	
88 Styrene	104		9.047				ND	
89 Bromoform	173		9.237				ND	
93 1,1,2,2-Tetrachloroethane	83		9.627				ND	
S 128 Xylenes, Total	106		16.750				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

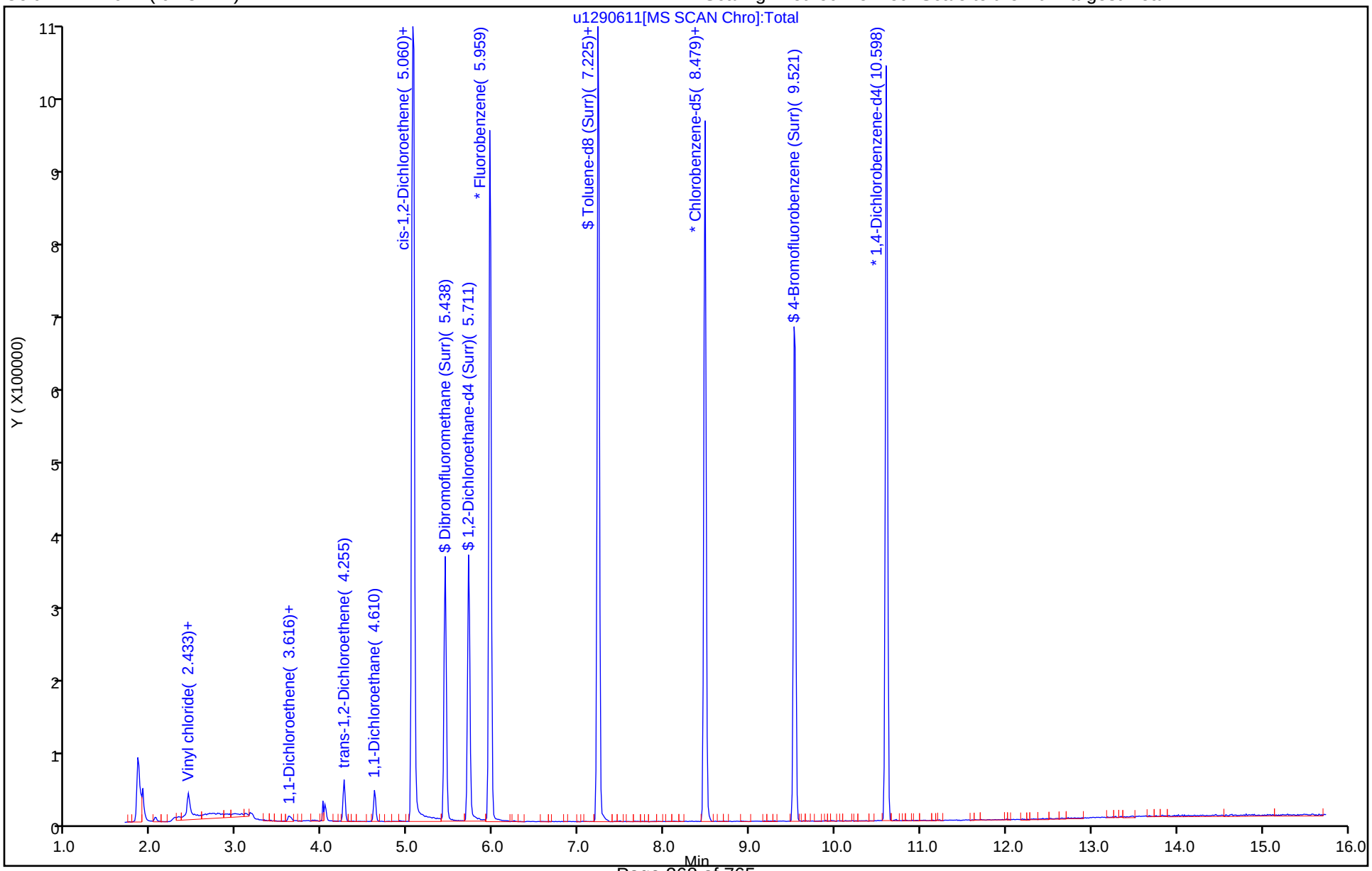
Report Date: 17-May-2022 08:27:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D

Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20	Worklist Smp#:	29
Client ID:	GW-050522-SS-042				
Purge Vol:	5.000 mL	Dil. Factor:	100.0000	ALS Bottle#:	28
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File:	\\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D				
Lims ID:	240-166223-B-20				
Client ID:	GW-050522-SS-042				
Sample Type:	Client				
Inject. Date:	16-May-2022 20:02:30	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Sample Info:	240-0118564-029				
Operator ID:	1904	Instrument ID:	A3UX12		
Method:	\\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m				
Limit Group:	MSV 8260C ICAL				
Last Update:	17-May-2022 08:27:08	Calib Date:	12-May-2022 18:19:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1677				

First Level Reviewer: laveyt Date: 17-May-2022 08:27:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	22.6	112.77
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	23.8	118.85
$ 6 Toluene-d8 (Surr)	20.0	19.6	97.98
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.4	91.87

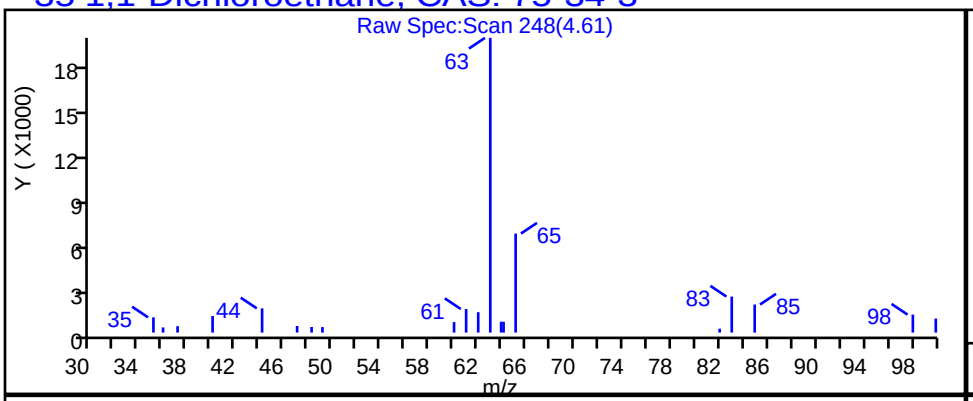
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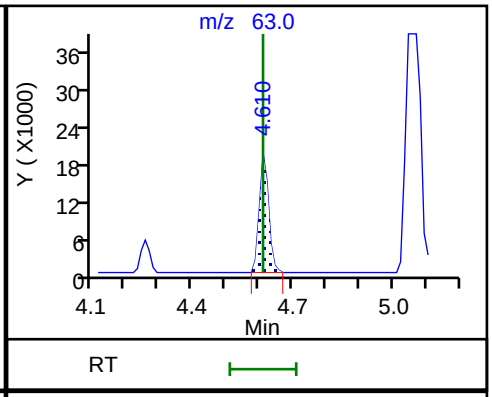
Eurofins Canton

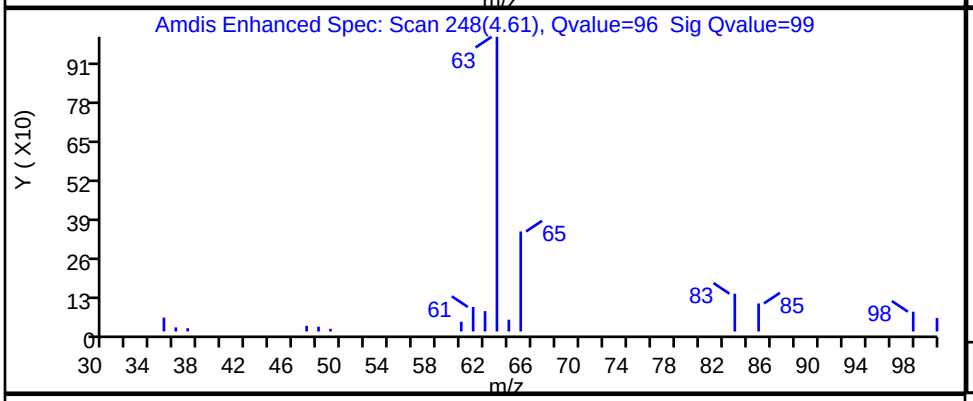
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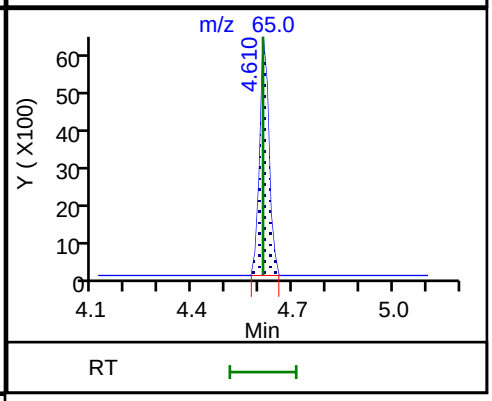
Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20		
Client ID:	GW-050522-SS-042				
Operator ID:	1904	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

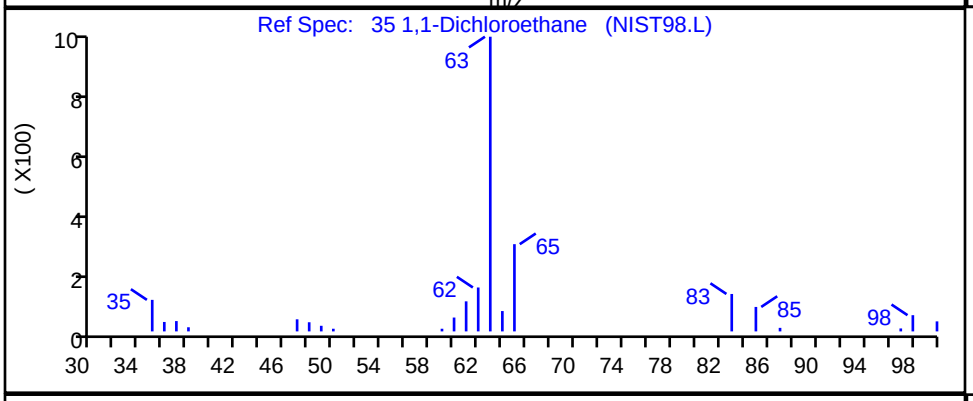
35 1,1-Dichloroethane, CAS: 75-34-3

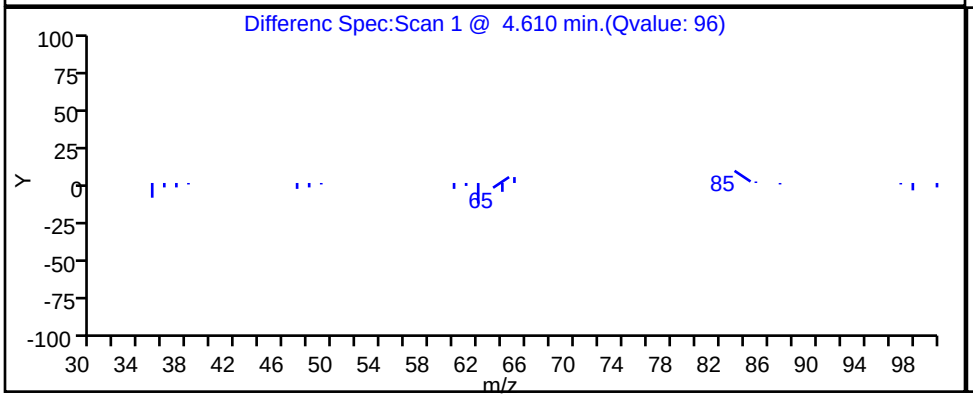


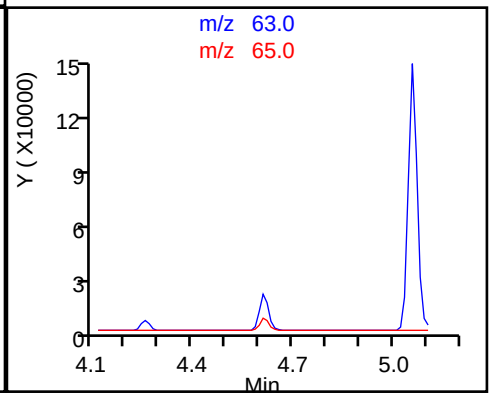












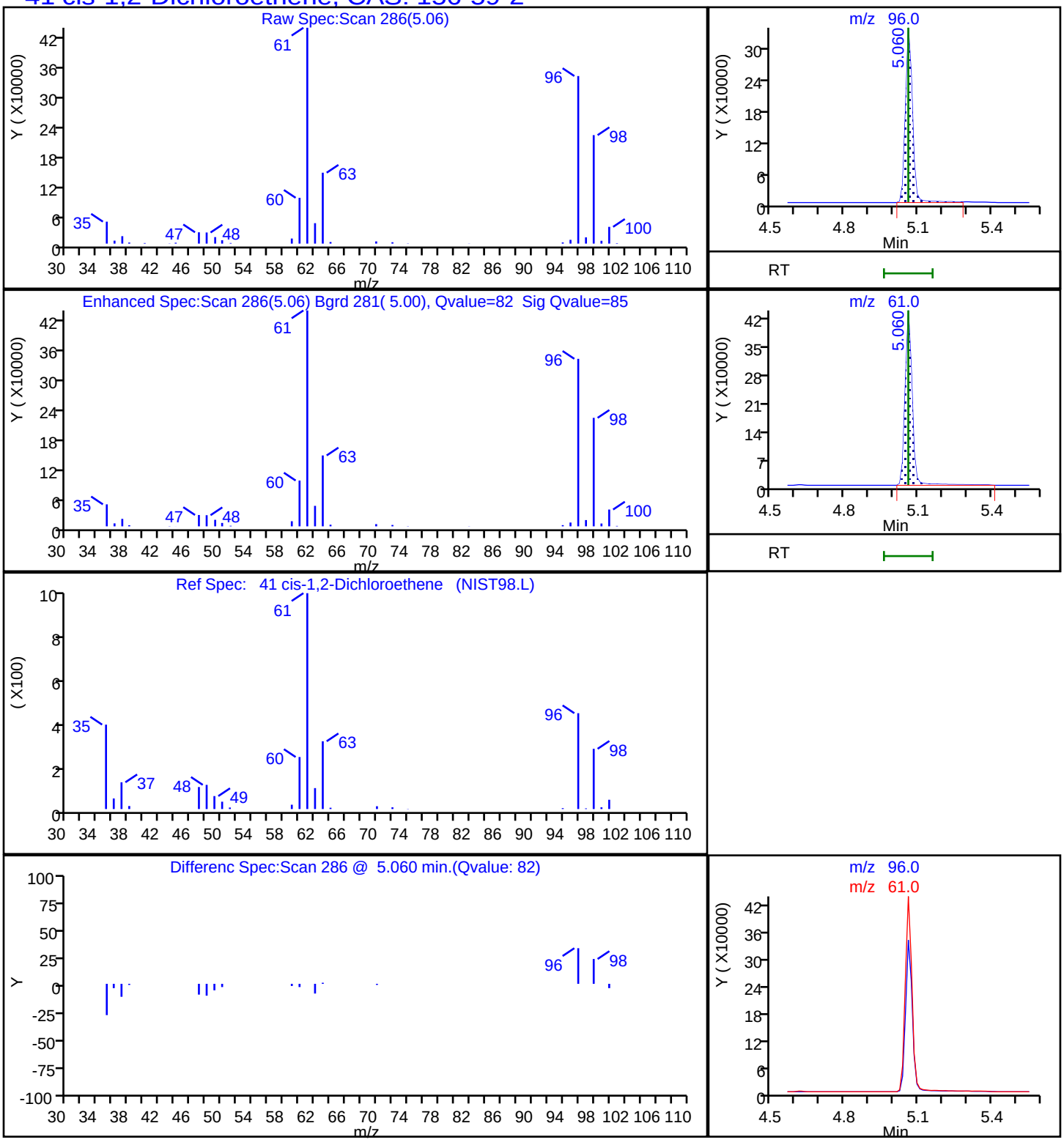
Report Date: 17-May-2022 08:27:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D

Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20		
Client ID:	GW-050522-SS-042				
Operator ID:	1904	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

41 cis-1,2-Dichloroethene, CAS: 156-59-2



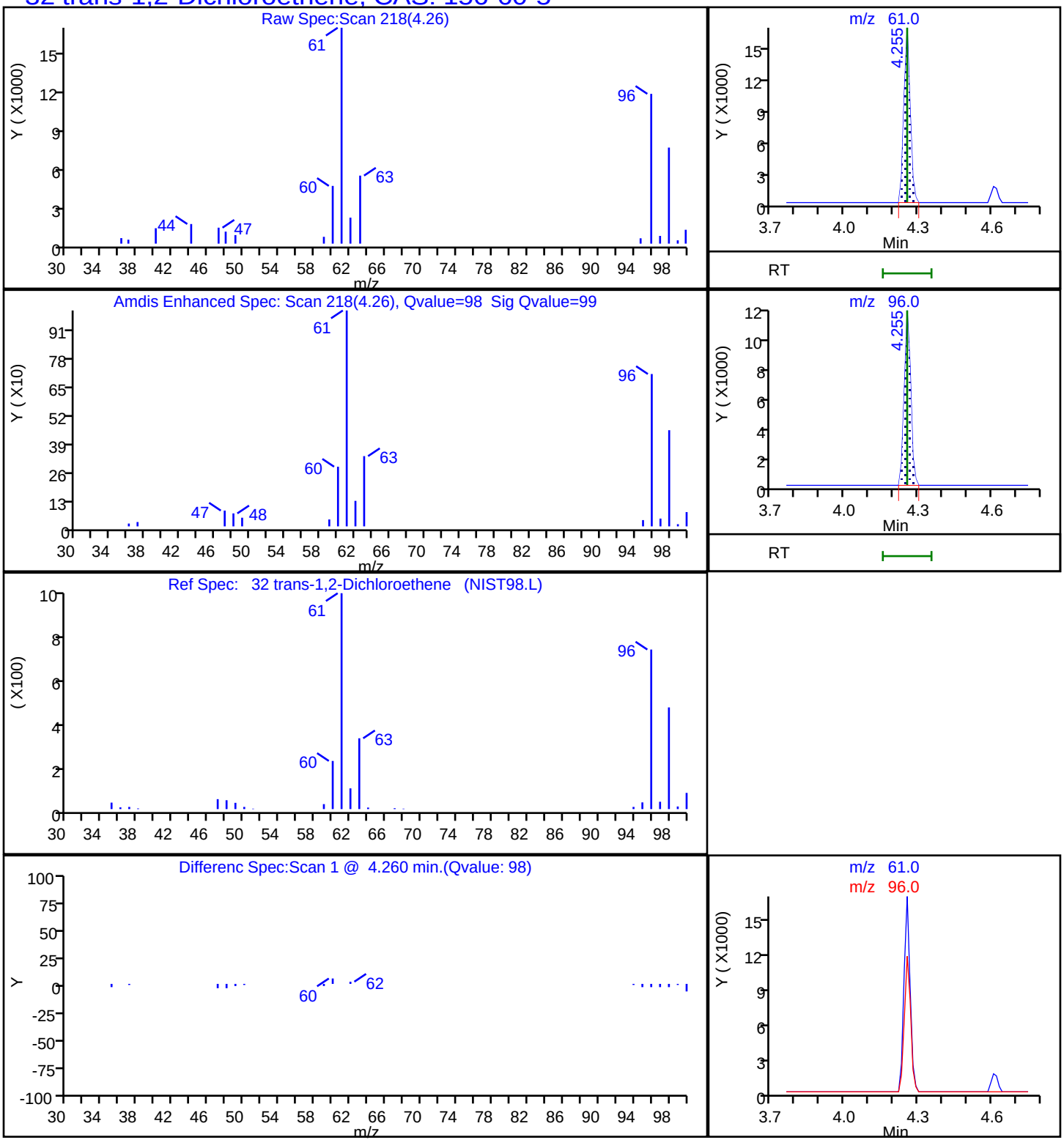
Report Date: 17-May-2022 08:27:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D

Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20		
Client ID:	GW-050522-SS-042				
Operator ID:	1904	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

32 trans-1,2-Dichloroethene, CAS: 156-60-5



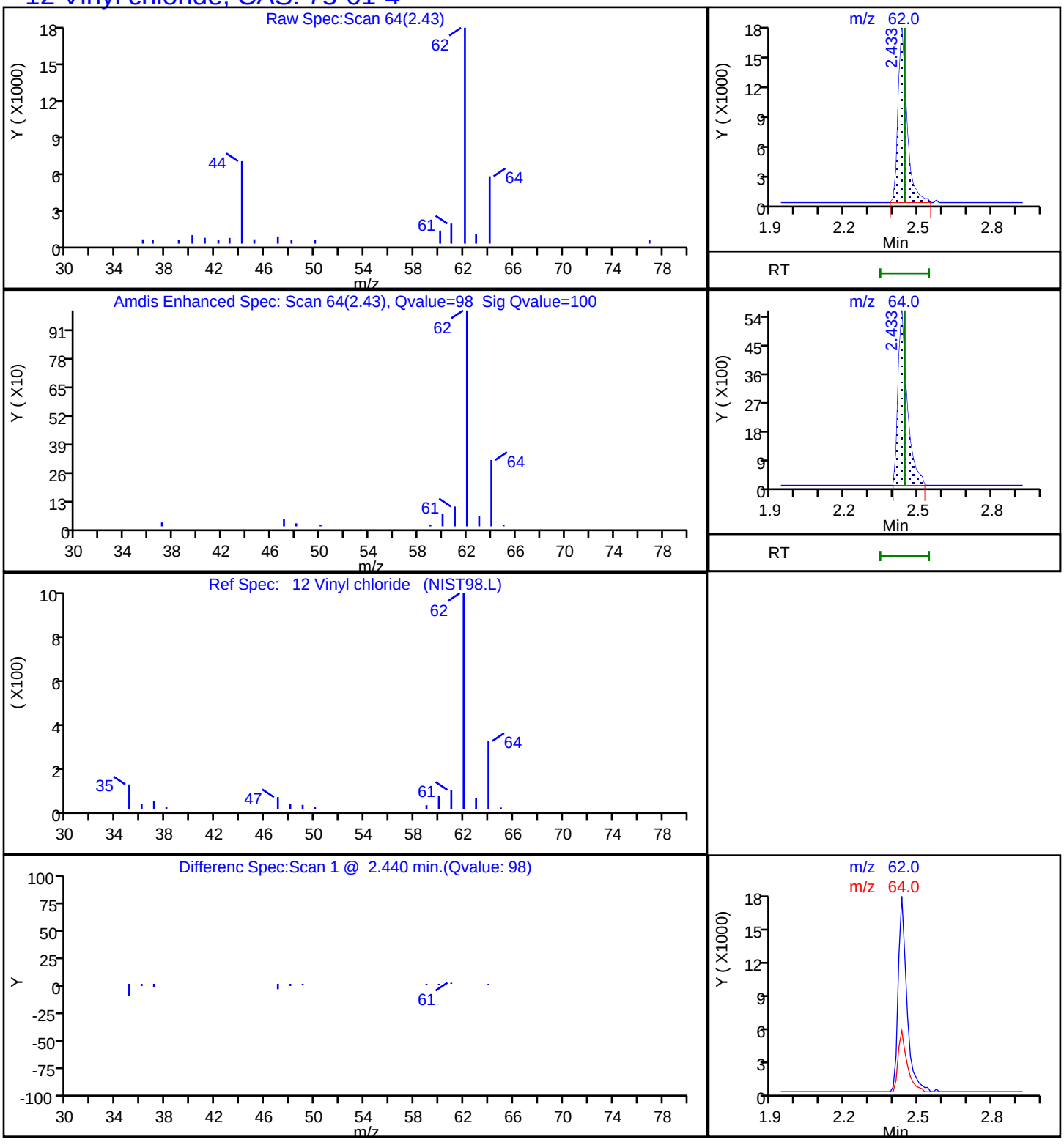
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290611.D

Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20		
Client ID:	GW-050522-SS-042				
Operator ID:	1904	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

12 Vinyl chloride, CAS: 75-01-4



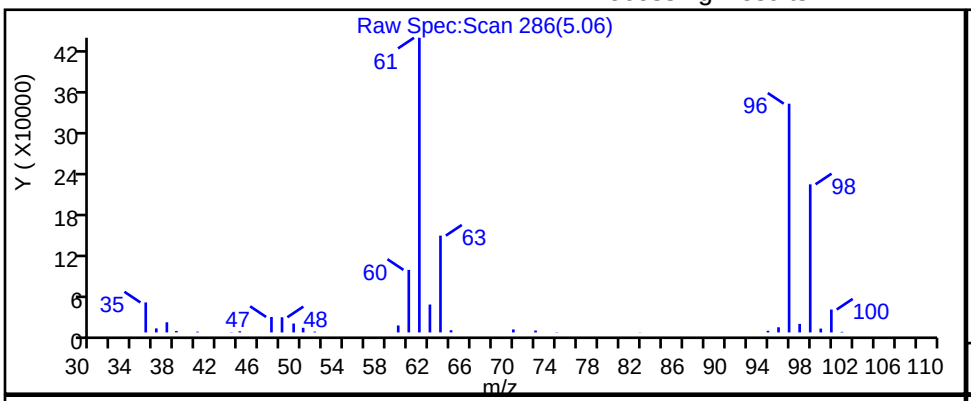
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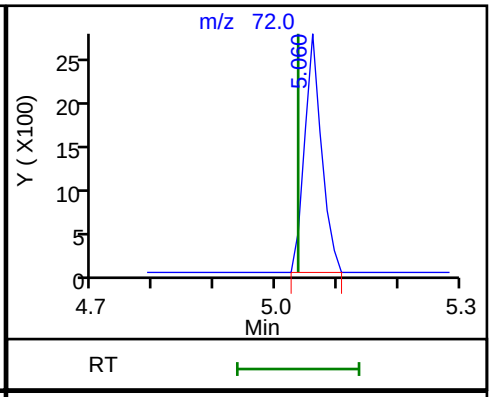
Eurofins Canton

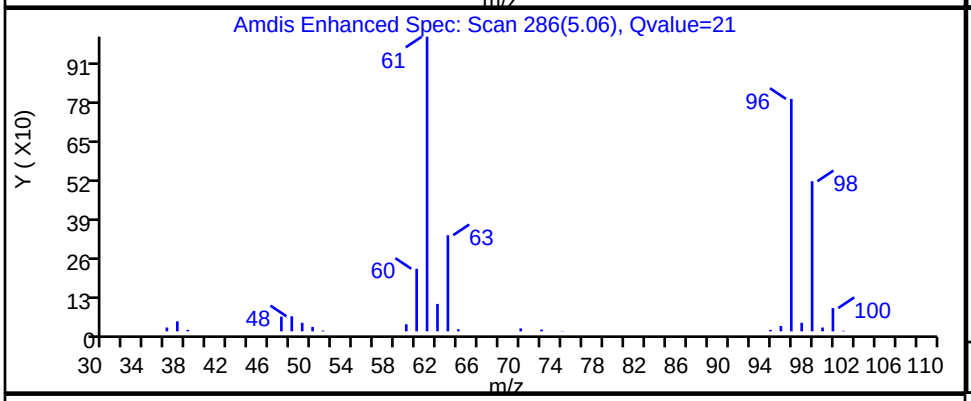
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Injection Date:	16-May-2022 20:02:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-20	Lab Sample ID:	240-166223-20		
Client ID:	GW-050522-SS-042				
Operator ID:	1904	ALS Bottle#:	28	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	100.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

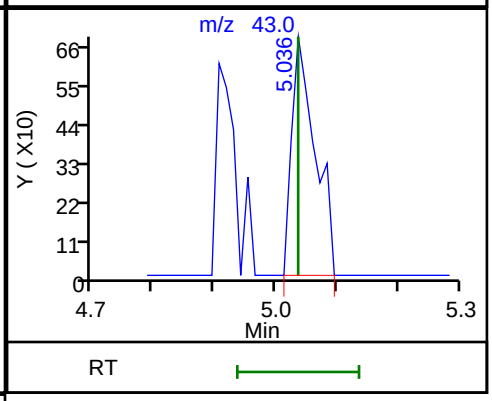
42 2-Butanone (MEK), CAS: 78-93-3

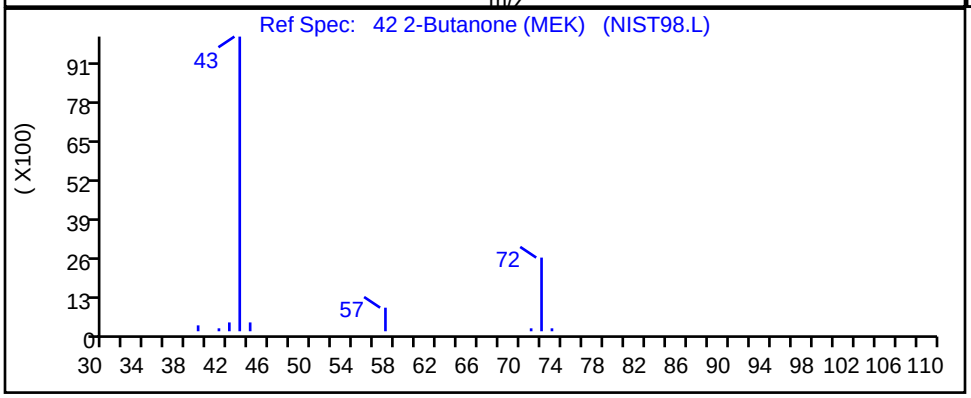
Processing Results











RT	Mass	Response	Amount
5.06	72.00	5264	4.109922
5.04	43.00	1828	

Reviewer: laveyt, 17-May-2022 08:27:01

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-043 | Lab Sample ID: 240-166223-21

Matrix: Water | Lab File ID: u1290612.D

Analysis Method: 8260D | Date Collected: 05/05/2022 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-043 | Lab Sample ID: 240-166223-21

Matrix: Water | Lab File ID: u1290612.D

Analysis Method: 8260D | Date Collected: 05/05/2022 14:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		62-137
460-00-4	4-Bromofluorobenzene (Surr)	90		56-136
2037-26-5	Toluene-d8 (Surr)	96		78-122
1868-53-7	Dibromofluoromethane (Surr)	110		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290612.D
Lims ID: 240-166223-B-21
Client ID: GW-050522-SS-043
Sample Type: Client
Inject. Date: 16-May-2022 20:24:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-030
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	847076	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	87	563709	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	312510	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	94	211246	21.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	95	258498	23.4	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	725490	19.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	252142	18.0	
10 Chloromethane	50		2.314				ND	
12 Vinyl chloride	62		2.444				ND	
14 Bromomethane	94		2.799				ND	
15 Chloroethane	64		2.894				ND	
21 1,1-Dichloroethene	61		3.616				ND	
23 Acetone	58		3.640				ND	
25 Carbon disulfide	76		3.829				ND	7
29 Methylene Chloride	49		4.030				ND	7
32 trans-1,2-Dichloroethene	61		4.255				ND	
35 1,1-Dichloroethane	63		4.610				ND	
42 2-Butanone (MEK)	72		5.036				ND	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	81	3938	0.3045	
48 Chloroform	83		5.308				ND	
49 1,1,1-Trichloroethane	97		5.474				ND	
52 Carbon tetrachloride	117		5.592				ND	
54 Benzene	78		5.746				ND	
55 1,2-Dichloroethane	62		5.770				ND	
59 Trichloroethene	130		6.243				ND	
62 1,2-Dichloropropane	63		6.456				ND	
66 Dichlorobromomethane	83		6.657				ND	
69 cis-1,3-Dichloropropene	75		7.000				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.095				ND	
71 Toluene	91		7.284				ND	7
72 trans-1,3-Dichloropropene	75		7.450				ND	
75 1,1,2-Trichloroethane	97		7.627				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
76 Tetrachloroethene	166		7.722				ND	
78 2-Hexanone	43		7.781				ND	
80 Chlorodibromomethane	129		7.970				ND	
83 Chlorobenzene	112		8.503				ND	
85 Ethylbenzene	106		8.574				ND	
86 m-Xylene & p-Xylene	106		8.680				ND	
87 o-Xylene	106		9.035				ND	
88 Styrene	104		9.047				ND	
89 Bromoform	173		9.237				ND	
93 1,1,2,2-Tetrachloroethane	83		9.627				ND	
S 128 Xylenes, Total	106		16.750				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

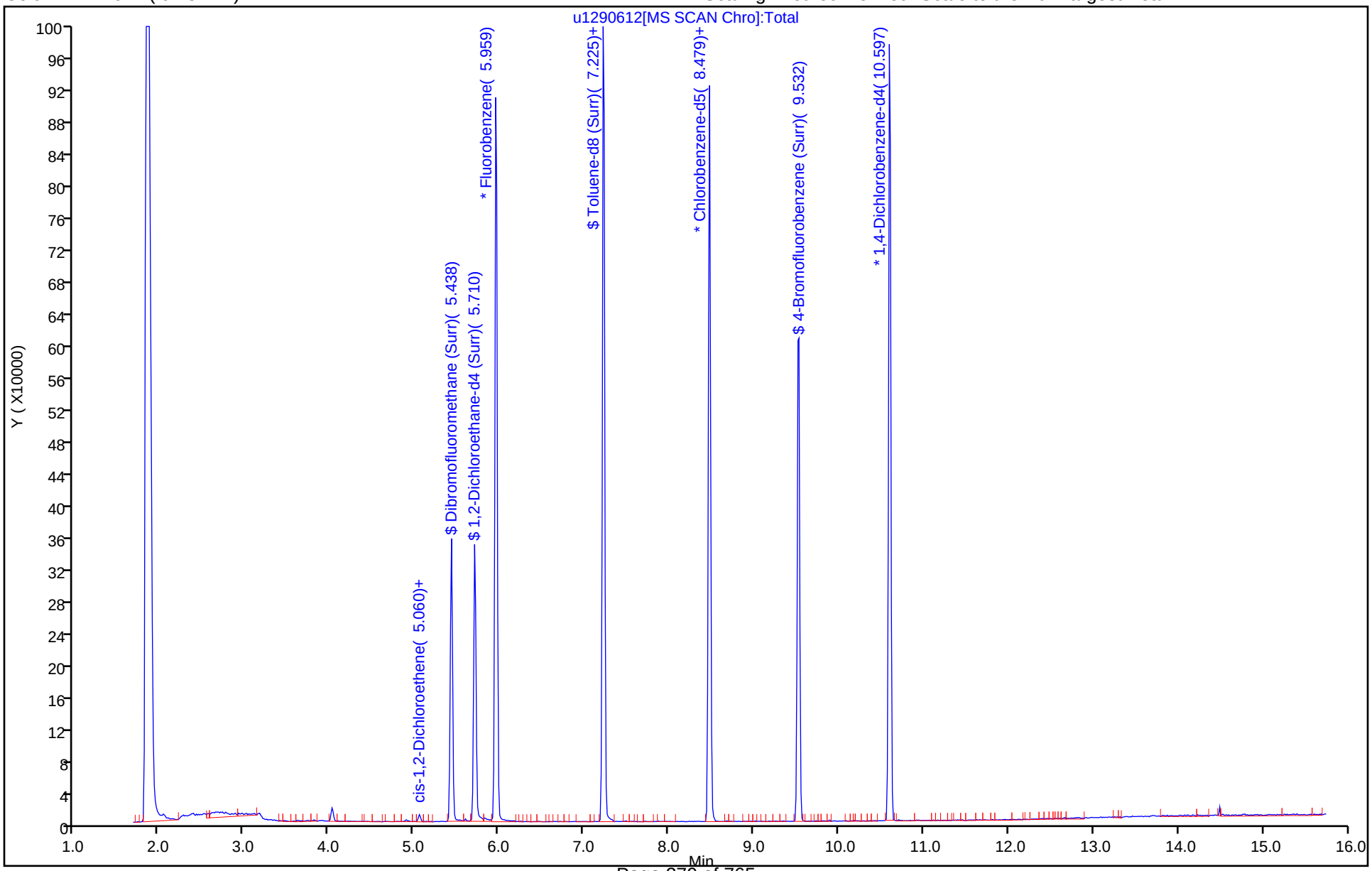
Report Date: 17-May-2022 08:27:19 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290612.D

Injection Date:	16-May-2022 20:24:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	240-166223-B-21	Lab Sample ID:	240-166223-21	Worklist Smp#:	30
Client ID:	GW-050522-SS-043				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290612.D
Lims ID: 240-166223-B-21
Client ID: GW-050522-SS-043
Sample Type: Client
Inject. Date: 16-May-2022 20:24:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-030
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	21.9	109.73
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	23.4	116.93
$ 6 Toluene-d8 (Surr)	20.0	19.3	96.47
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.0	89.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 | Lab Sample ID: 240-166223-22

Matrix: Water | Lab File ID: u1290613.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	0.54	J	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	0.21	J	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	1.9	J	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 | Lab Sample ID: 240-166223-22

Matrix: Water | Lab File ID: u1290613.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 20:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		62-137
460-00-4	4-Bromofluorobenzene (Surr)	90		56-136
2037-26-5	Toluene-d8 (Surr)	96		78-122
1868-53-7	Dibromofluoromethane (Surr)	110		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290613.D
Lims ID: 240-166223-B-22
Client ID: GW-050522-SS-044
Sample Type: Client
Inject. Date: 16-May-2022 20:46:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-031
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	809748	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	550778	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	303350	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	93	202648	22.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	96	243654	23.1	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	703058	19.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	246577	18.0	
10 Chloromethane	50		2.314				ND	
12 Vinyl chloride	62		2.444				ND	
14 Bromomethane	94		2.799				ND	
15 Chloroethane	64		2.894				ND	
21 1,1-Dichloroethene	61		3.616				ND	
23 Acetone	58	3.640	3.640	0.000	99	2555	0.9633	
25 Carbon disulfide	76		3.829				ND	7
29 Methylene Chloride	49		4.030				ND	7
32 trans-1,2-Dichloroethene	61		4.255				ND	
35 1,1-Dichloroethane	63		4.610				ND	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	98	2348	1.88	
41 cis-1,2-Dichloroethene	96		5.060				ND	7
48 Chloroform	83	5.308	5.308	0.000	94	10012	0.5360	
49 1,1,1-Trichloroethane	97		5.474				ND	
52 Carbon tetrachloride	117		5.592				ND	
54 Benzene	78		5.746				ND	
55 1,2-Dichloroethane	62		5.770				ND	
59 Trichloroethene	130		6.243				ND	
62 1,2-Dichloropropane	63		6.456				ND	
66 Dichlorobromomethane	83	6.657	6.657	0.000	93	2756	0.2092	
69 cis-1,3-Dichloropropene	75		7.000				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.095				ND	
71 Toluene	91		7.284				ND	7
72 trans-1,3-Dichloropropene	75		7.450				ND	
75 1,1,2-Trichloroethane	97		7.627				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
76 Tetrachloroethene	166		7.722				ND	
78 2-Hexanone	43		7.781				ND	7
80 Chlorodibromomethane	129		7.970				ND	
83 Chlorobenzene	112		8.503				ND	
85 Ethylbenzene	106		8.574				ND	
86 m-Xylene & p-Xylene	106		8.680				ND	
87 o-Xylene	106		9.035				ND	
88 Styrene	104		9.047				ND	
89 Bromoform	173		9.237				ND	
93 1,1,2,2-Tetrachloroethane	83		9.627				ND	
S 128 Xylenes, Total	106		16.750				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

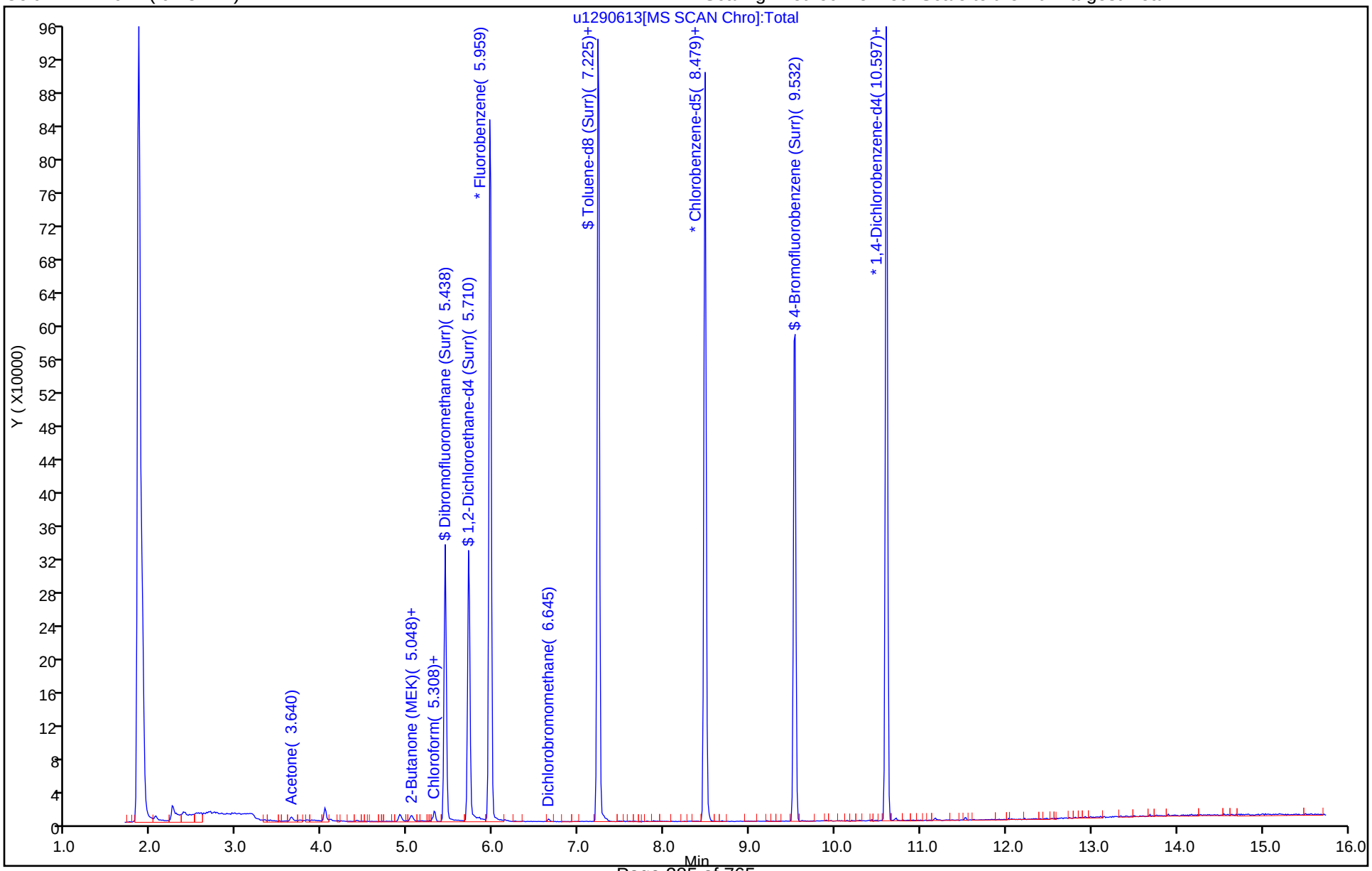
Report Date: 17-May-2022 08:27:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290613.D

Injection Date:	16-May-2022 20:46:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	240-166223-B-22	Lab Sample ID:	240-166223-22	Worklist Smp#:	31
Client ID:	GW-050522-SS-044				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290613.D
Lims ID: 240-166223-B-22
Client ID: GW-050522-SS-044
Sample Type: Client
Inject. Date: 16-May-2022 20:46:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-031
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	22.0	110.12
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	23.1	115.30
$ 6 Toluene-d8 (Surr)	20.0	19.1	95.68
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.0	89.91

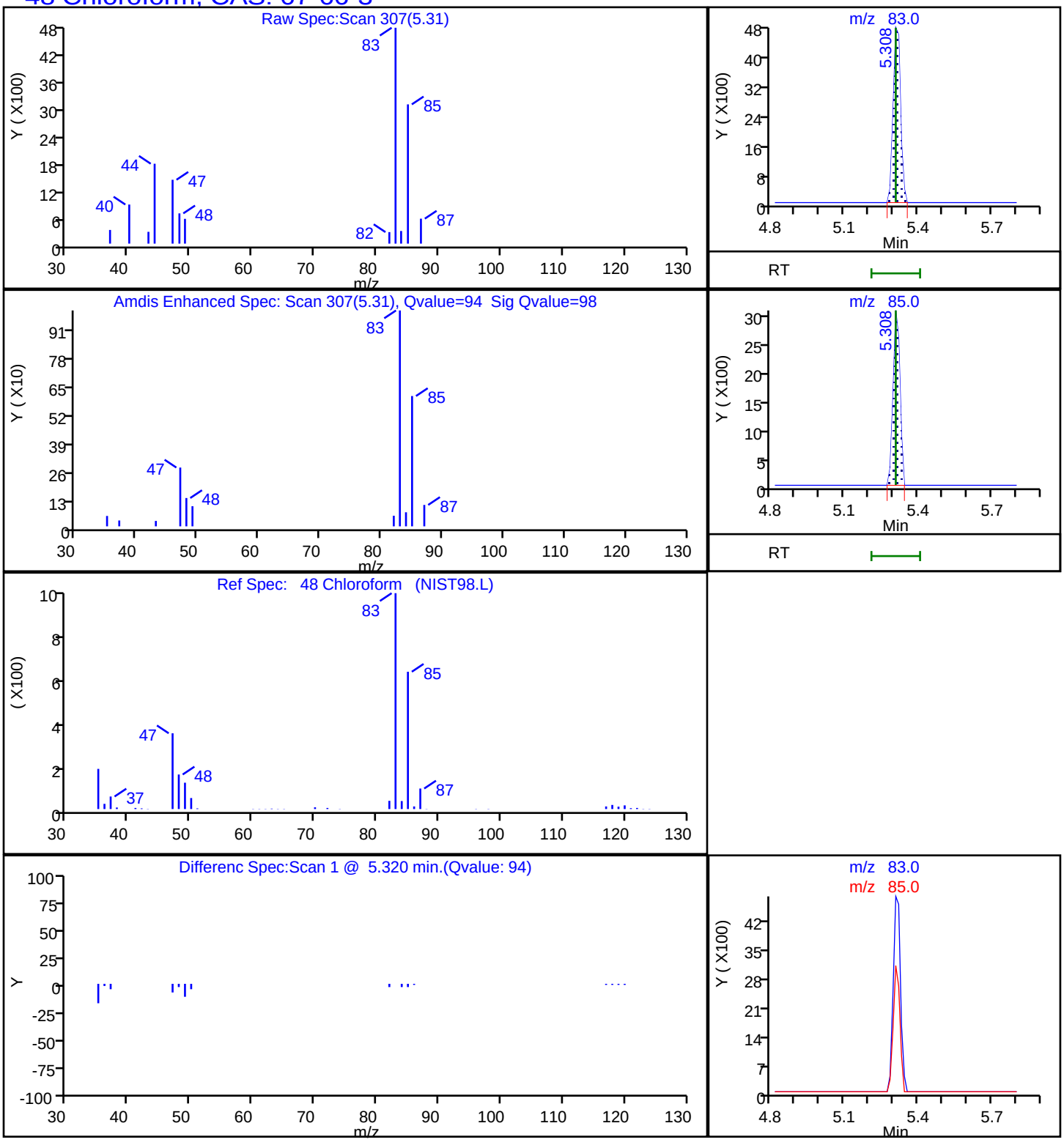
Report Date: 17-May-2022 08:27:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290613.D

Injection Date:	16-May-2022 20:46:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-22	Lab Sample ID:	240-166223-22		
Client ID:	GW-050522-SS-044				
Operator ID:	1904	ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

48 Chloroform, CAS: 67-66-3



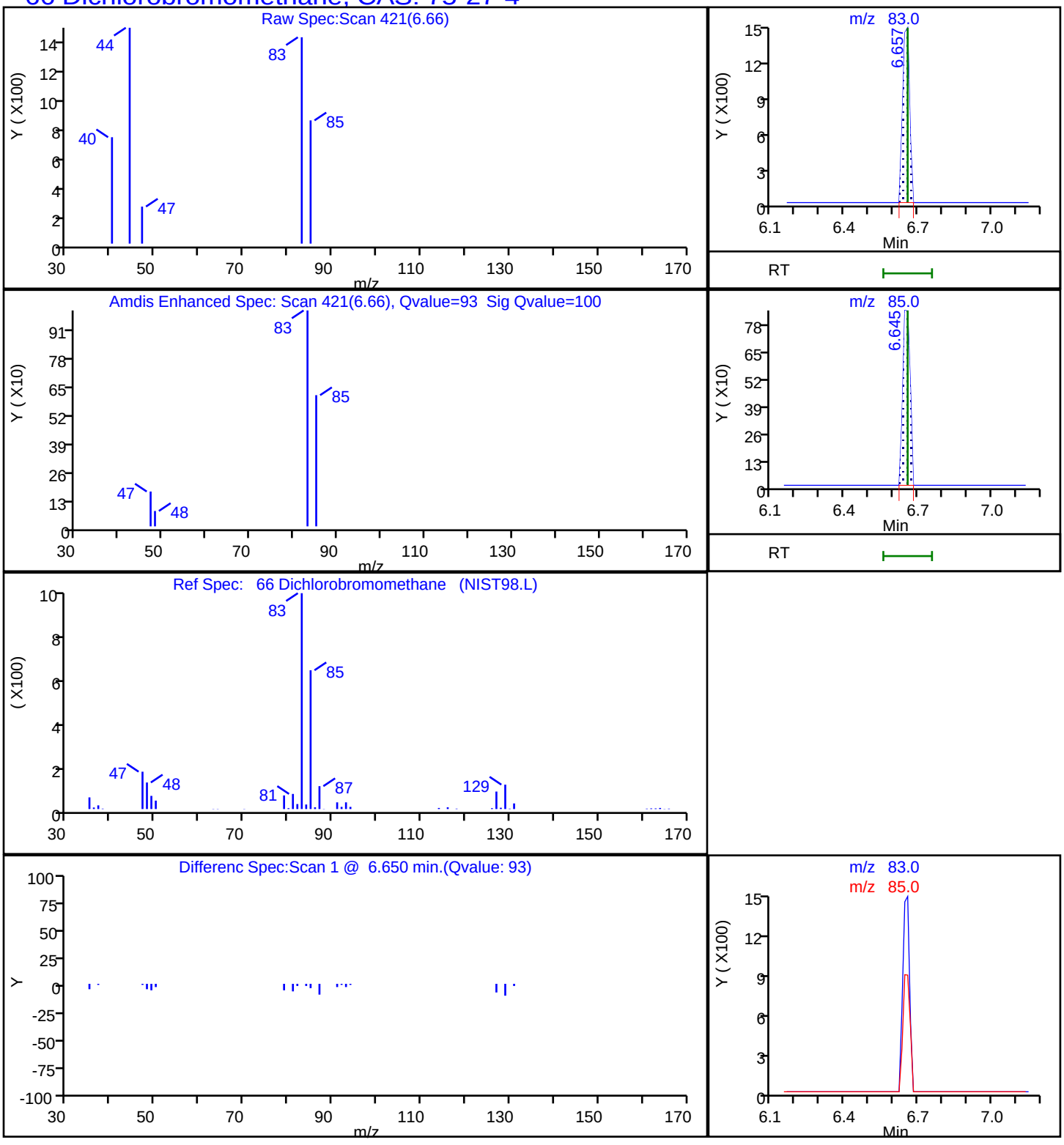
Report Date: 17-May-2022 08:27:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290613.D

Injection Date:	16-May-2022 20:46:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-22	Lab Sample ID:	240-166223-22		
Client ID:	GW-050522-SS-044				
Operator ID:	1904	ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

66 Dichlorobromomethane, CAS: 75-27-4



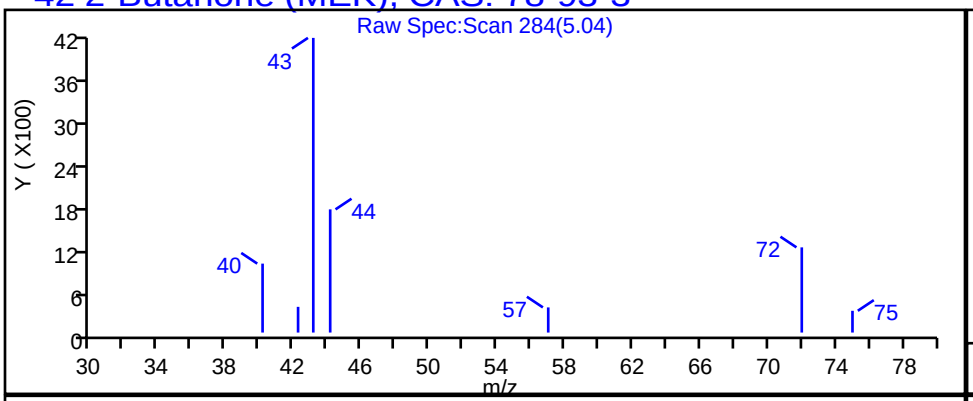
Report Date: 17-May-2022 08:27:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

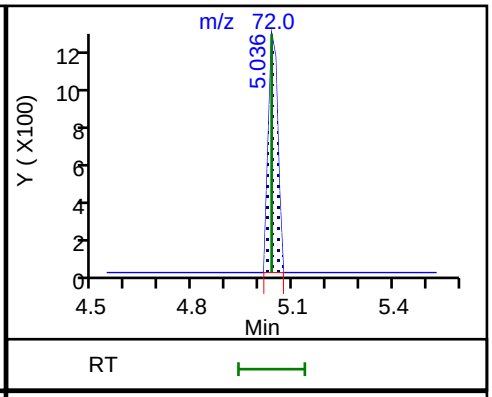
Eurofins Canton

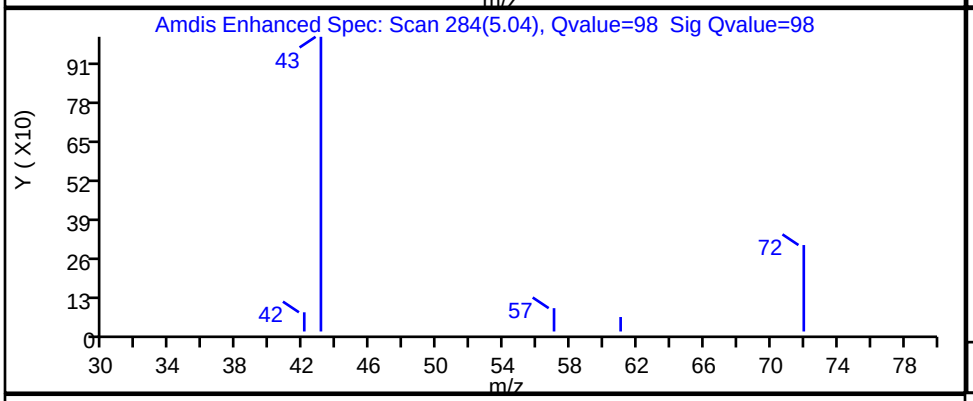
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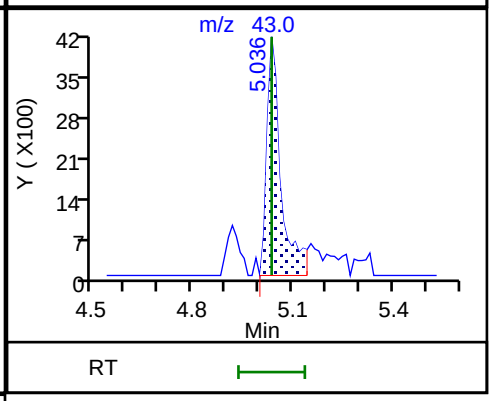
Injection Date:	16-May-2022 20:46:30	Instrument ID:	A3UX12		
Lims ID:	240-166223-B-22	Lab Sample ID:	240-166223-22		
Client ID:	GW-050522-SS-044				
Operator ID:	1904	ALS Bottle#:	30	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

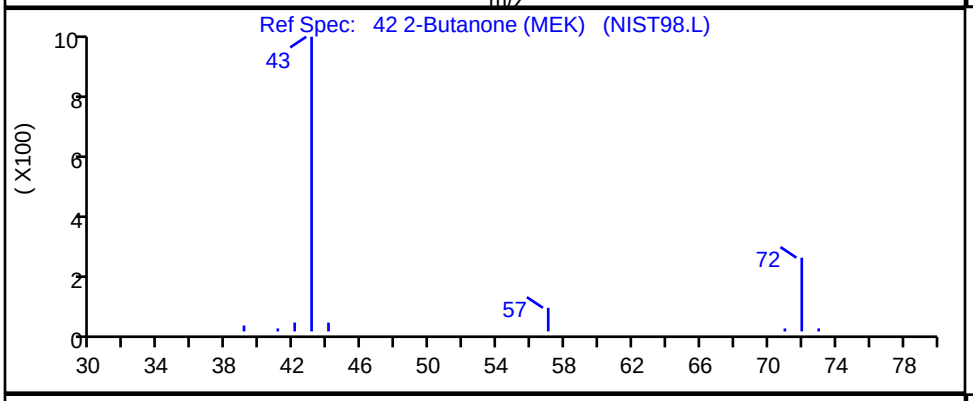
42 2-Butanone (MEK), CAS: 78-93-3

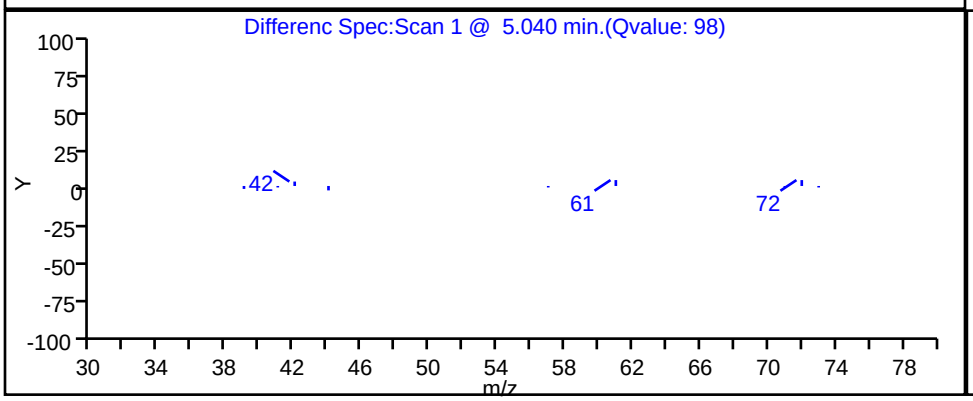


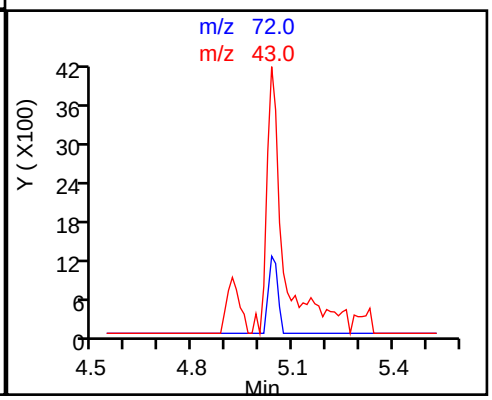












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050522-SS-002 | Lab Sample ID: 240-166223-23

Matrix: Water | Lab File ID: U1927557.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 14:01

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.96
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.2
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.96
75-34-3	1,1-Dichloroethane	4.2		2.0	0.94
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.98
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.42
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.94
591-78-6	2-Hexanone	20	U	20	2.2
67-64-1	Acetone	20	U	20	11
71-43-2	Benzene	2.0	U	2.0	0.84
75-25-2	Bromoform	2.0	U	2.0	1.5
74-83-9	Bromomethane	2.0	U	2.0	0.84
75-15-0	Carbon disulfide	2.0	U	2.0	1.2
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.52
108-90-7	Chlorobenzene	2.0	U	2.0	0.76
75-00-3	Chloroethane	2.0	U	2.0	1.7
67-66-3	Chloroform	2.0	U	2.0	0.94
74-87-3	Chloromethane	2.0	U	2.0	1.3
156-59-2	cis-1,2-Dichloroethene	100		2.0	0.92
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	1.2
75-27-4	Dichlorobromomethane	2.0	U	2.0	0.34
100-41-4	Ethylbenzene	2.0	U	2.0	0.84
78-93-3	2-Butanone (MEK)	20	U	20	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	20	U	20	2.0
75-09-2	Methylene Chloride	10	U	10	5.2
100-42-5	Styrene	2.0	U	2.0	0.90
127-18-4	Tetrachloroethene	2.0	U	2.0	0.88
108-88-3	Toluene	2.0	U	2.0	0.88
156-60-5	trans-1,2-Dichloroethene	4.0		2.0	1.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	1.3
79-01-6	Trichloroethene	2.0	U	2.0	0.88
75-01-4	Vinyl chloride	7.3		2.0	0.90
1330-20-7	Xylenes, Total	4.0	U	4.0	0.84
124-48-1	Chlorodibromomethane	2.0	U	2.0	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050522-SS-002 | Lab Sample ID: 240-166223-23

Matrix: Water | Lab File ID: U1927557.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 14:01

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
460-00-4	4-Bromofluorobenzene (Surr)	101		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927557.D
Lims ID: 240-166223-B-23
Client ID: SW-050522-SS-002
Sample Type: Client
Inject. Date: 17-May-2022 14:01:28 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 240-0118613-010
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 12:17:30 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 14:37:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	777585	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	564576	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	279082	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	211590	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	251709	19.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	705679	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	255845	20.3	
10 Chloromethane	50		2.273				ND	
12 Vinyl chloride	62	2.404	2.404	0.000	97	50367	3.67	
13 Bromomethane	94		2.760				ND	
15 Chloroethane	64		2.843				ND	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	94	2756	0.1909	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.768				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	97	28067	2.00	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	97	35872	2.08	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	78	612338	51.4	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	7
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

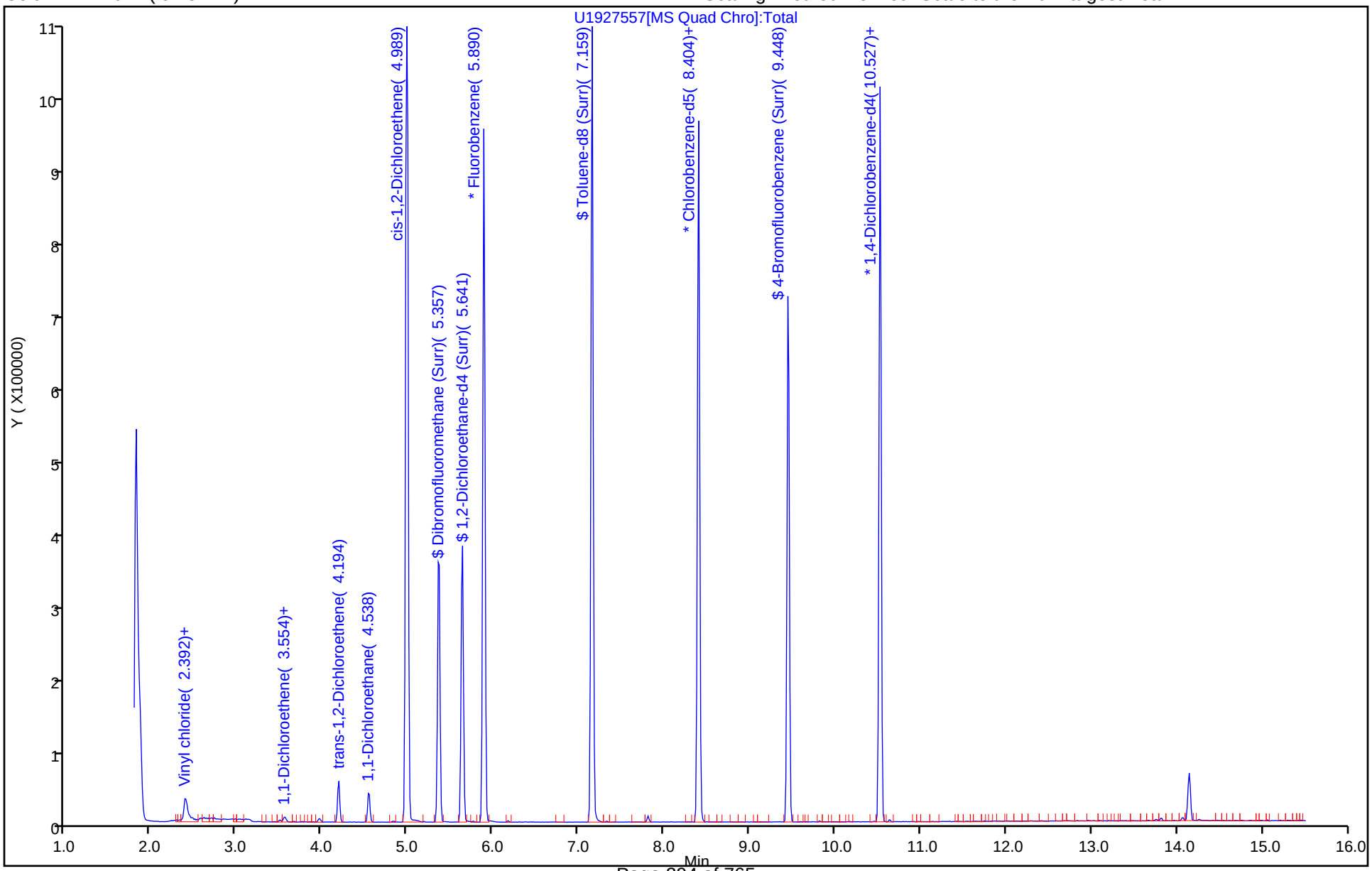
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927557.D

Injection Date:	17-May-2022 14:01:28	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-23	Lab Sample ID:	240-166223-23	Worklist Smp#:	10
Client ID:	SW-050522-SS-002				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Report Date: 17-May-2022 14:37:46 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927557.D
Lims ID: 240-166223-B-23
Client ID: SW-050522-SS-002
Sample Type: Client
Inject. Date: 17-May-2022 14:01:28 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 240-0118613-010
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 12:17:30 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 14:37:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	186.01
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.7	196.87
$ 6 Toluene-d8 (Surr)	20.0	20.6	205.56
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.3	202.75

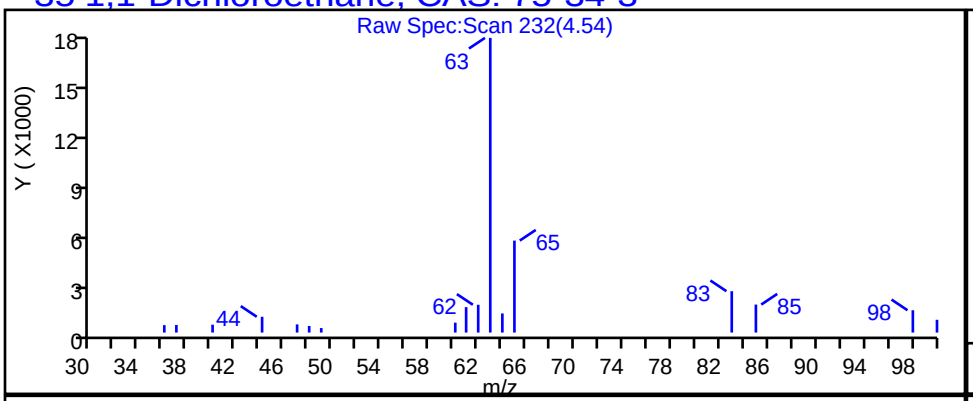
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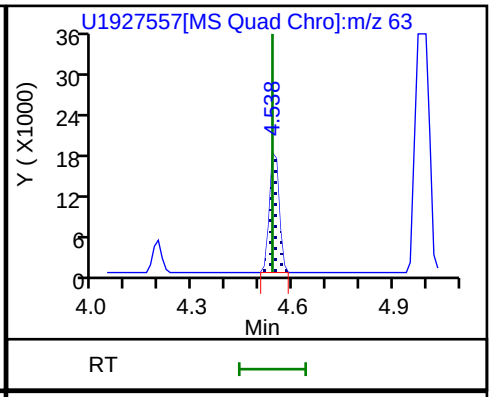
Eurofins Canton

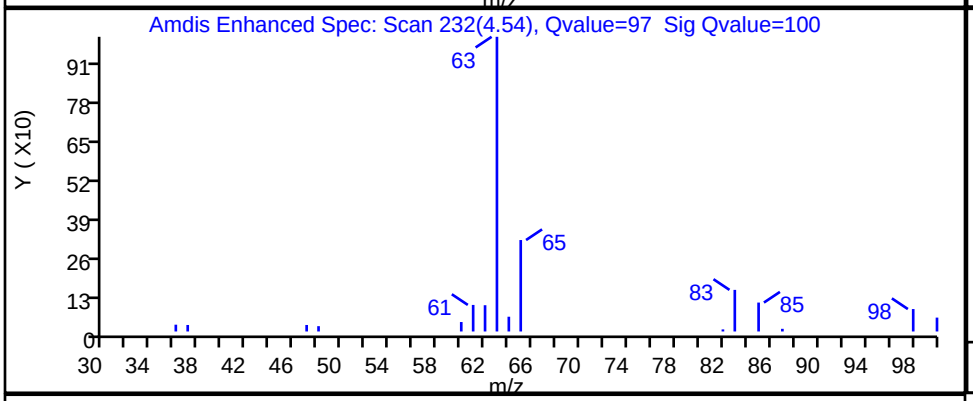
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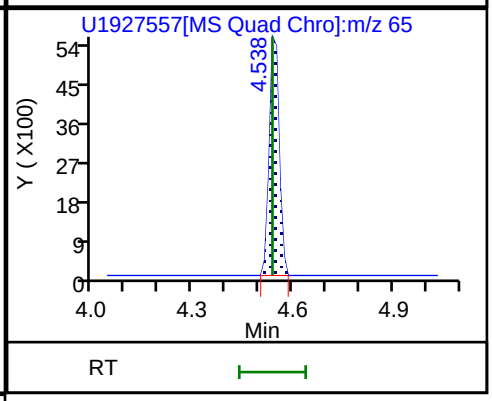
Injection Date:	17-May-2022 14:01:28	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-23	Lab Sample ID:	240-166223-23		
Client ID:	SW-050522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

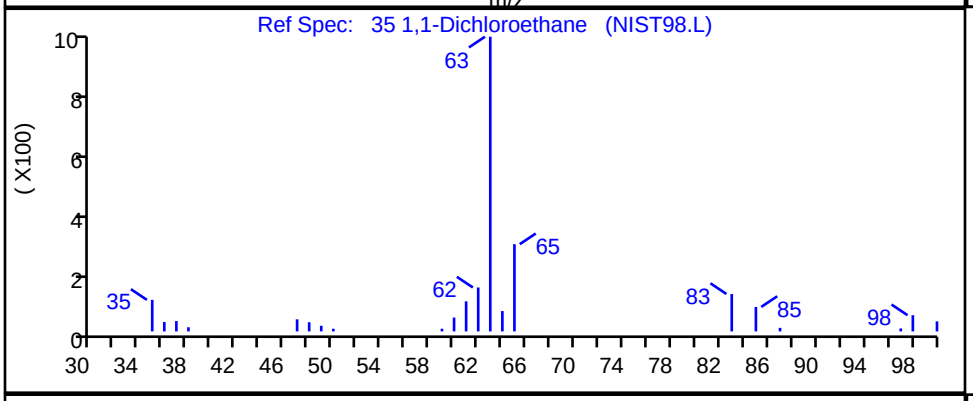
35 1,1-Dichloroethane, CAS: 75-34-3

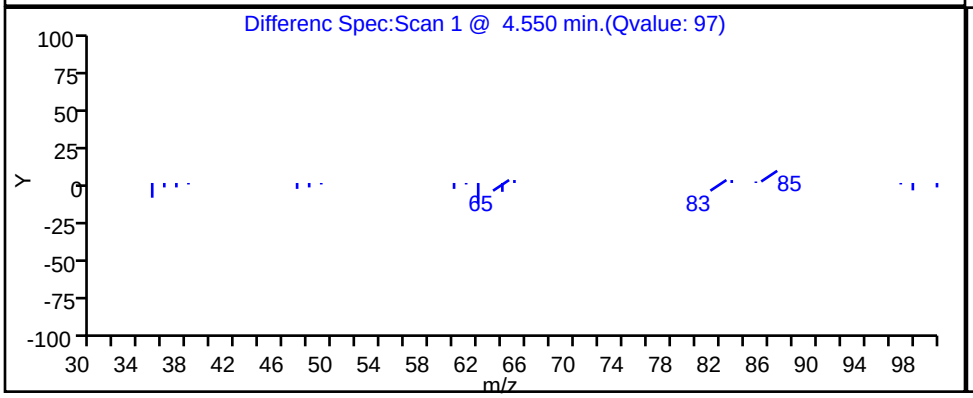


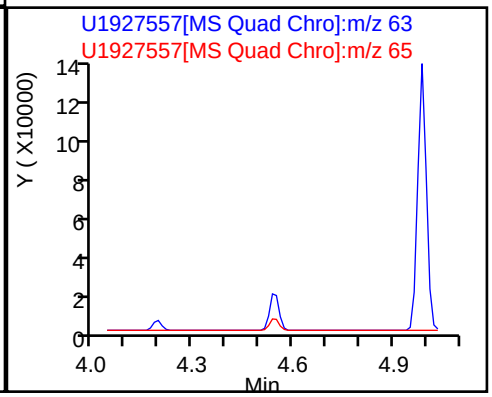












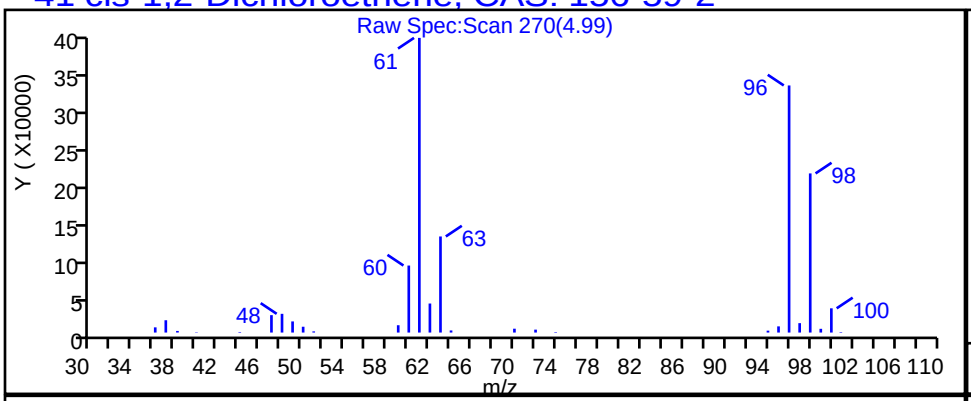
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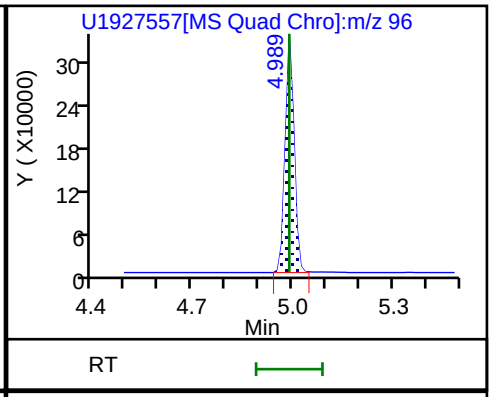
Eurofins Canton

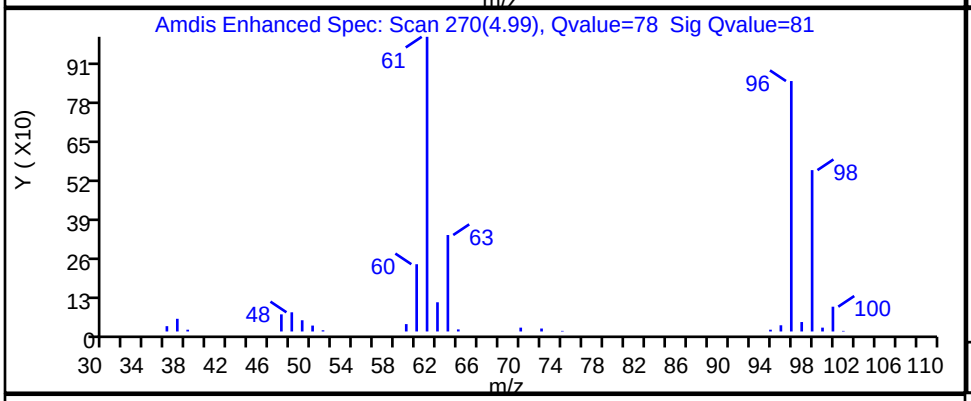
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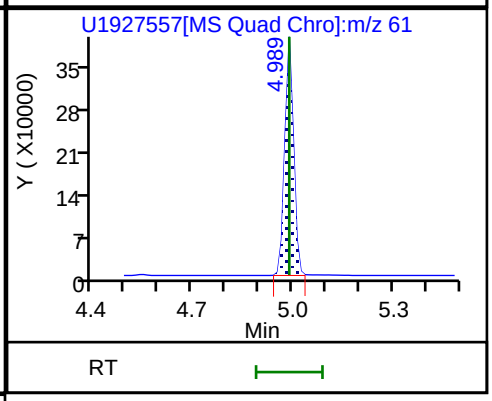
Injection Date:	17-May-2022 14:01:28	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-23	Lab Sample ID:	240-166223-23		
Client ID:	SW-050522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

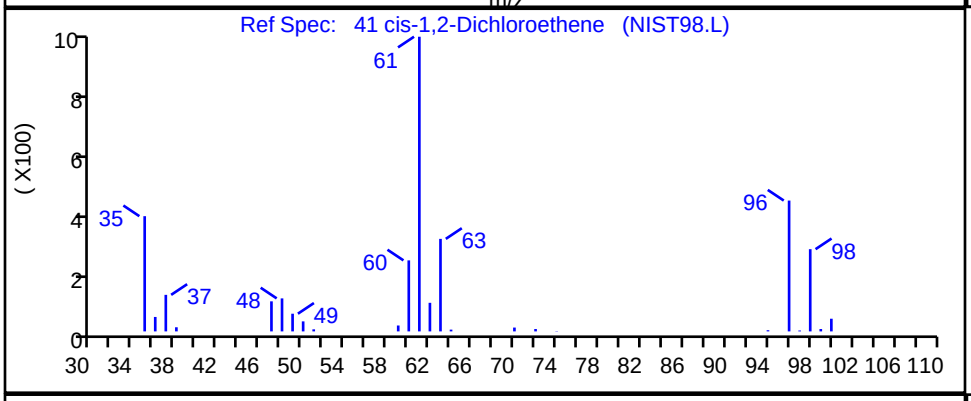
41 cis-1,2-Dichloroethene, CAS: 156-59-2

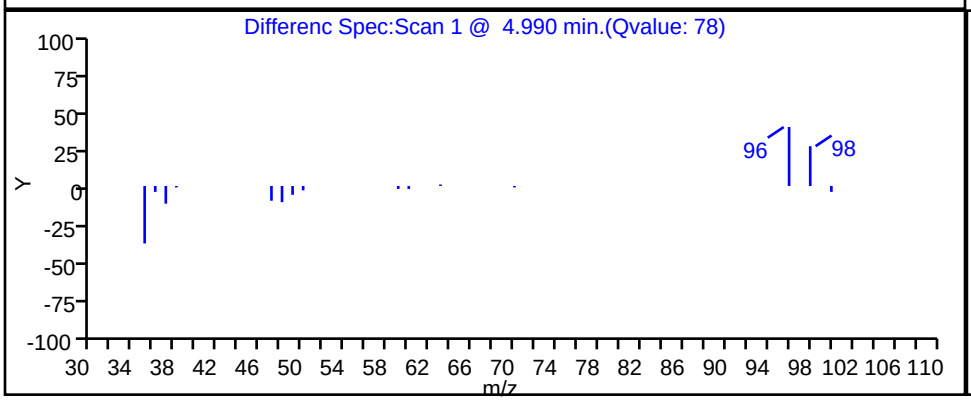


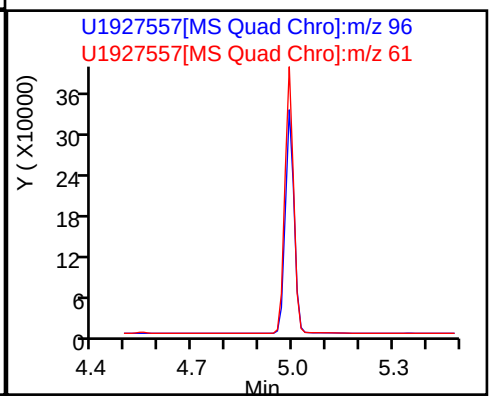












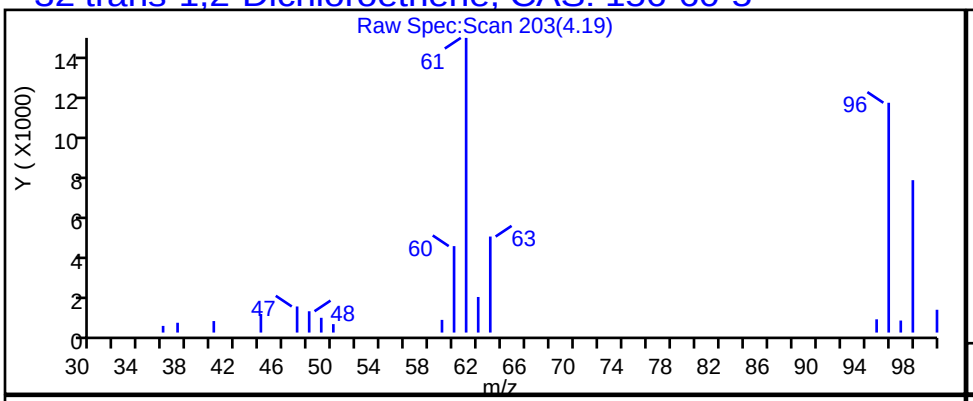
Report Date: 17-May-2022 14:37:46 Chrom Revision: 2.3 12-Apr-2022 20:29:44

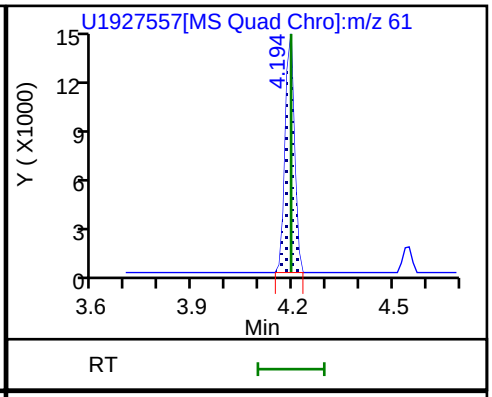
Eurofins Canton

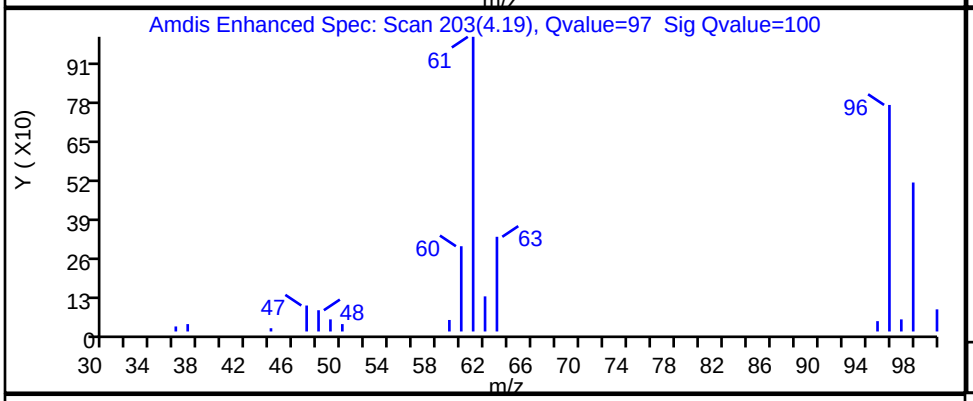
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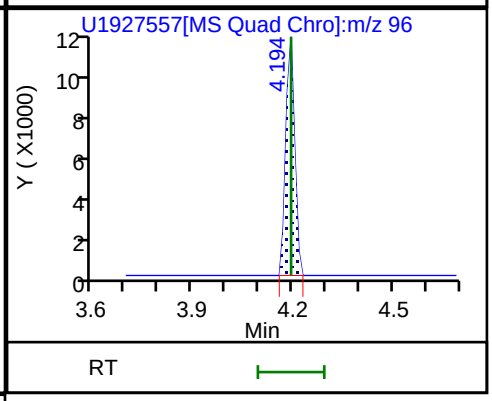
Injection Date:	17-May-2022 14:01:28	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-23	Lab Sample ID:	240-166223-23		
Client ID:	SW-050522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

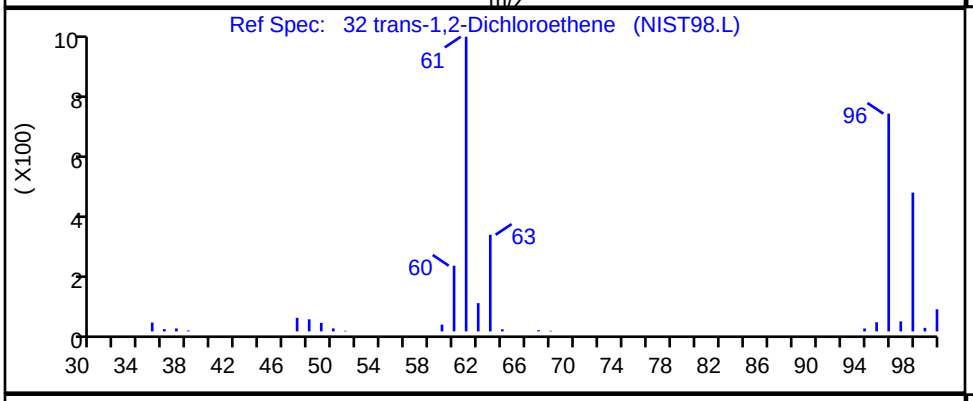
32 trans-1,2-Dichloroethene, CAS: 156-60-5

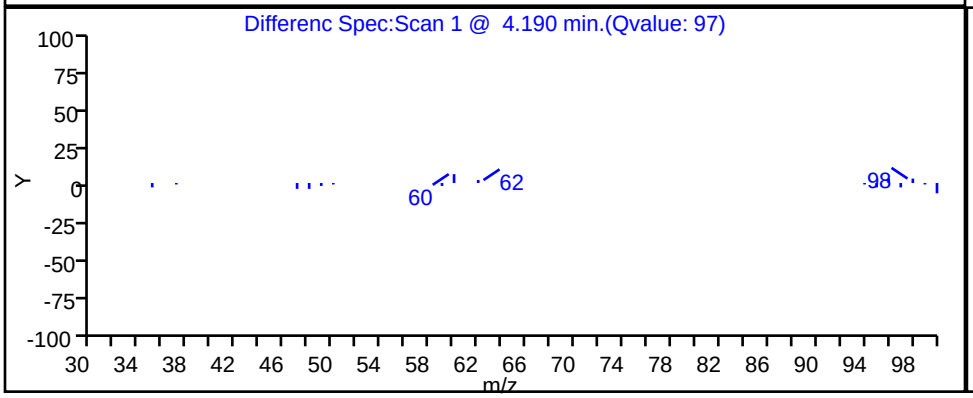


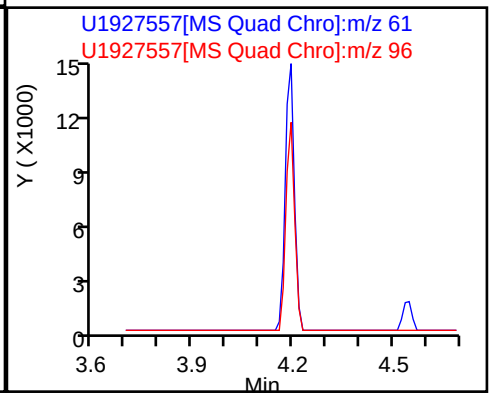












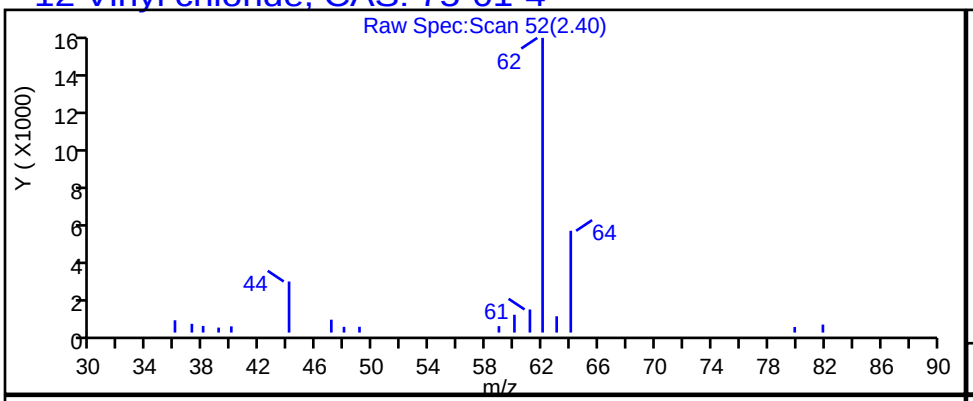
Report Date: 17-May-2022 14:37:46 Chrom Revision: 2.3 12-Apr-2022 20:29:44

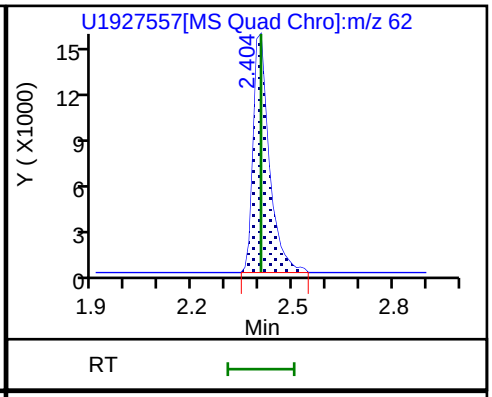
Eurofins Canton

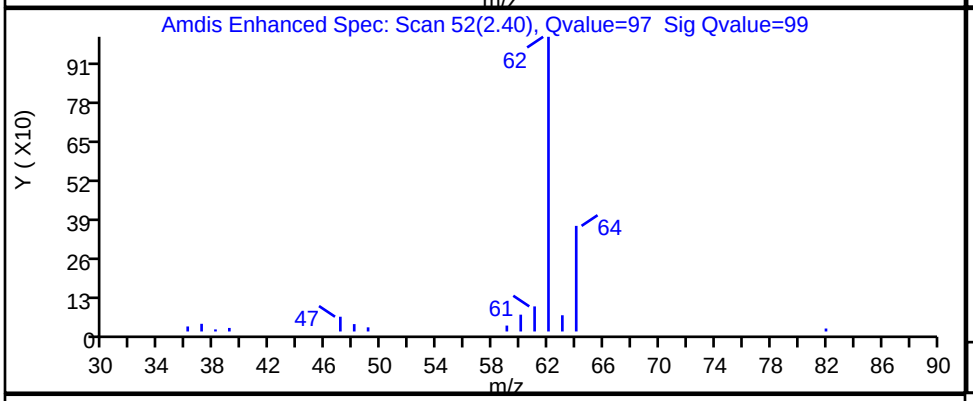
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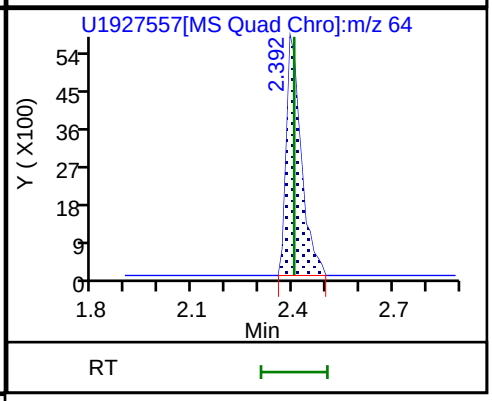
Injection Date:	17-May-2022 14:01:28	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-23	Lab Sample ID:	240-166223-23		
Client ID:	SW-050522-SS-002				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

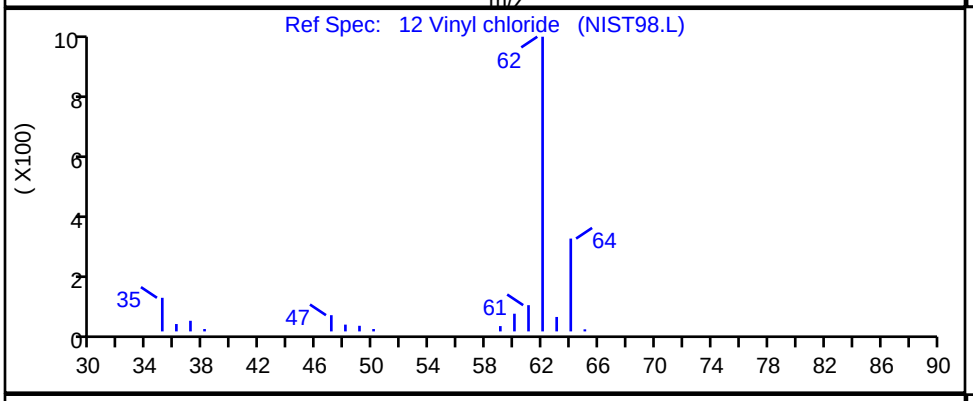
12 Vinyl chloride, CAS: 75-01-4

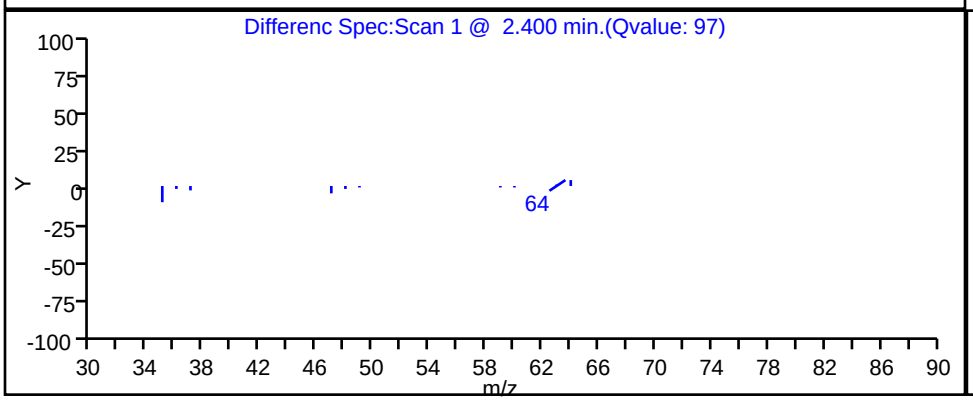


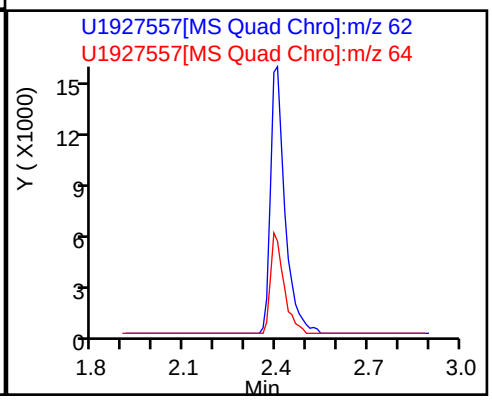












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050522-SS-004 | Lab Sample ID: 240-166223-24

Matrix: Water | Lab File ID: U1927558.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 14:24

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.96
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.2
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.96
75-34-3	1,1-Dichloroethane	4.1		2.0	0.94
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.98
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.42
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.94
591-78-6	2-Hexanone	20	U	20	2.2
67-64-1	Acetone	20	U	20	11
71-43-2	Benzene	2.0	U	2.0	0.84
75-25-2	Bromoform	2.0	U	2.0	1.5
74-83-9	Bromomethane	2.0	U	2.0	0.84
75-15-0	Carbon disulfide	2.0	U	2.0	1.2
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.52
108-90-7	Chlorobenzene	2.0	U	2.0	0.76
75-00-3	Chloroethane	2.0	U	2.0	1.7
67-66-3	Chloroform	2.0	U	2.0	0.94
74-87-3	Chloromethane	2.0	U	2.0	1.3
156-59-2	cis-1,2-Dichloroethene	100		2.0	0.92
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	1.2
75-27-4	Dichlorobromomethane	2.0	U	2.0	0.34
100-41-4	Ethylbenzene	2.0	U	2.0	0.84
78-93-3	2-Butanone (MEK)	20	U	20	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	20	U	20	2.0
75-09-2	Methylene Chloride	10	U	10	5.2
100-42-5	Styrene	2.0	U	2.0	0.90
127-18-4	Tetrachloroethene	2.0	U	2.0	0.88
108-88-3	Toluene	2.0	U	2.0	0.88
156-60-5	trans-1,2-Dichloroethene	4.0		2.0	1.0
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	1.3
79-01-6	Trichloroethene	2.0	U	2.0	0.88
75-01-4	Vinyl chloride	7.2		2.0	0.90
1330-20-7	Xylenes, Total	4.0	U	4.0	0.84
124-48-1	Chlorodibromomethane	2.0	U	2.0	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: SW-050522-SS-004 | Lab Sample ID: 240-166223-24

Matrix: Water | Lab File ID: U1927558.D

Analysis Method: 8260D | Date Collected: 05/05/2022 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 14:24

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927558.D
Lims ID: 240-166223-B-24
Client ID: SW-050522-SS-004
Sample Type: Client
Inject. Date: 17-May-2022 14:24:01 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 240-0118613-011
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 15:03:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 15:03:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	746511	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	542770	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	261483	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.369	5.357	0.012	92	199148	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	98	239203	19.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	669660	20.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	241061	19.9	
10 Chloromethane	50		2.273				ND	
12 Vinyl chloride	62	2.404	2.404	0.000	98	47172	3.58	
13 Bromomethane	94		2.760				ND	
15 Chloroethane	64		2.843				ND	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	53	2730	0.1969	
22 Acetone	43		3.566				ND	7
25 Carbon disulfide	76		3.768				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61	4.195	4.194	0.001	96	26824	2.00	
35 1,1-Dichloroethane	63	4.550	4.538	0.012	97	34282	2.07	
40 2-Butanone (MEK)	72		4.965				ND	U
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	574923	50.3	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	7
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

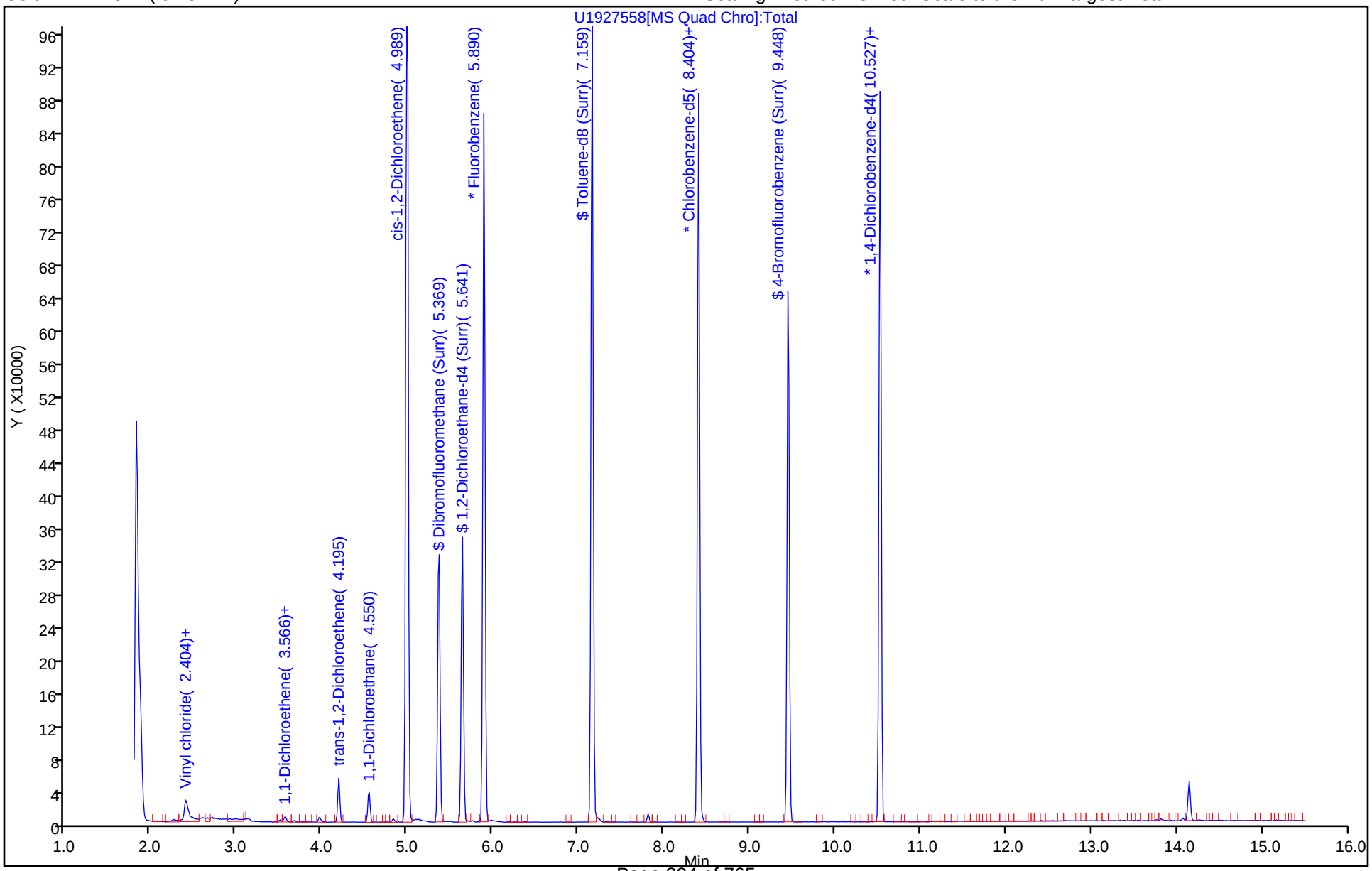
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927558.D

Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24	Worklist Smp#:	11
Client ID:	SW-050522-SS-004				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927558.D
Lims ID: 240-166223-B-24
Client ID: SW-050522-SS-004
Sample Type: Client
Inject. Date: 17-May-2022 14:24:01 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 240-0118613-011
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 15:03:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 15:03:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	182.36
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.5	194.88
$ 6 Toluene-d8 (Surr)	20.0	20.3	202.91
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.9	198.71

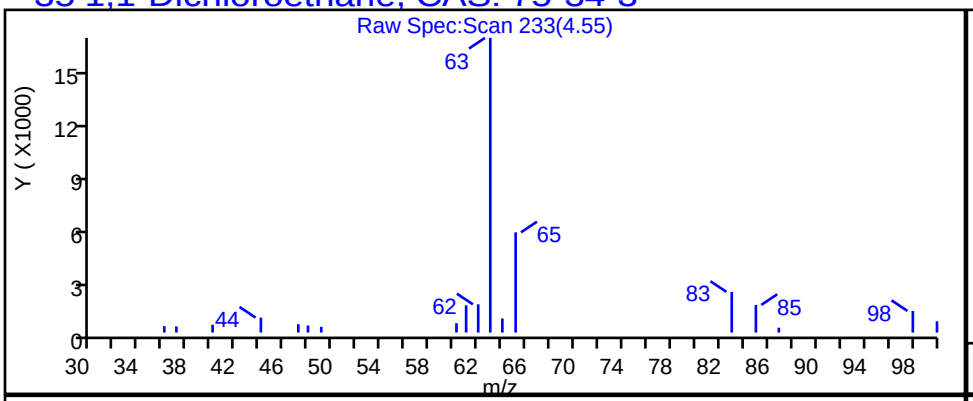
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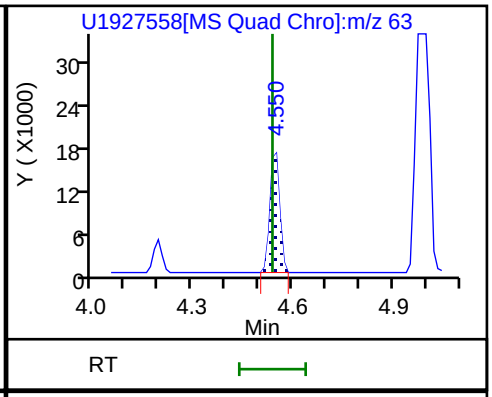
Eurofins Canton

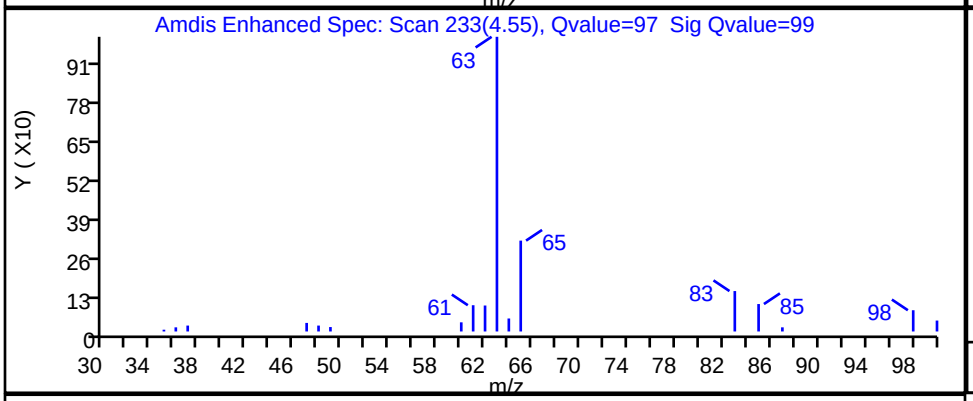
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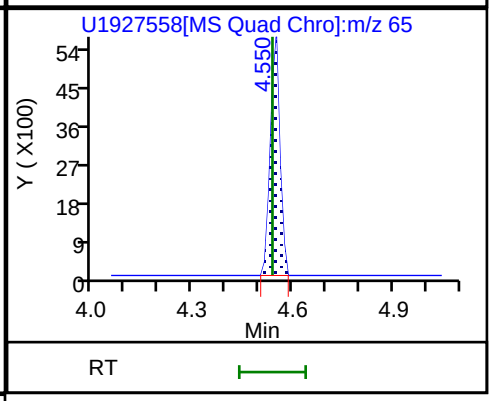
Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24		
Client ID:	SW-050522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

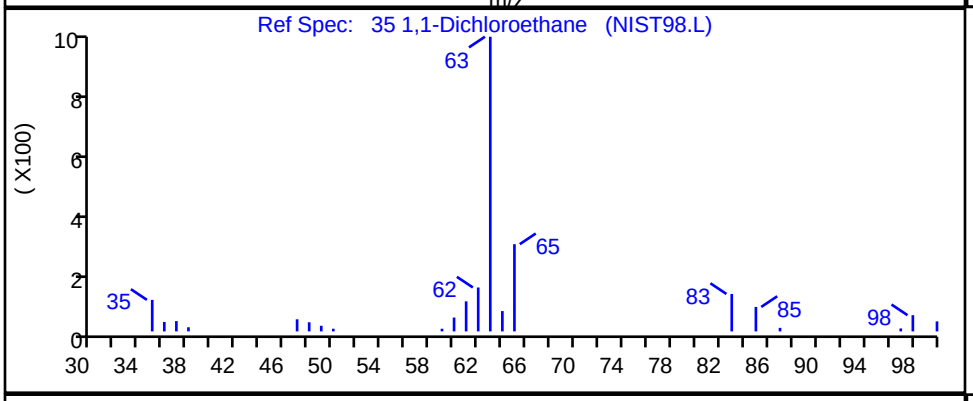
35 1,1-Dichloroethane, CAS: 75-34-3

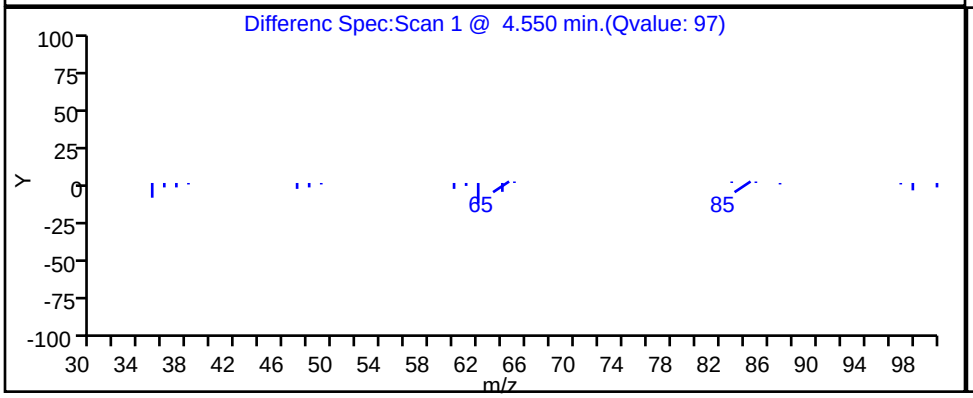


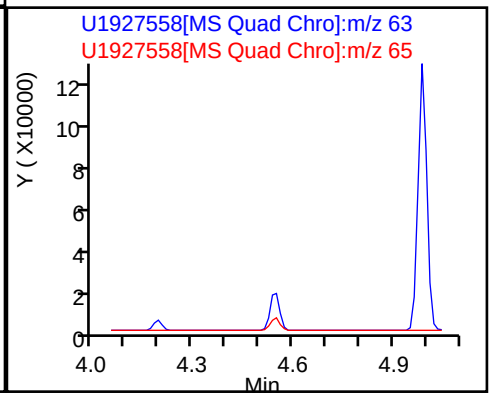












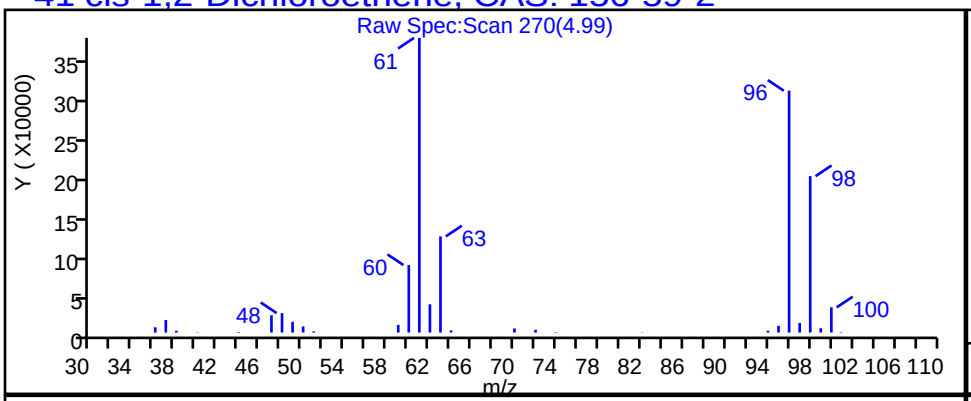
Report Date: 17-May-2022 15:03:34 Chrom Revision: 2.3 12-Apr-2022 20:29:44

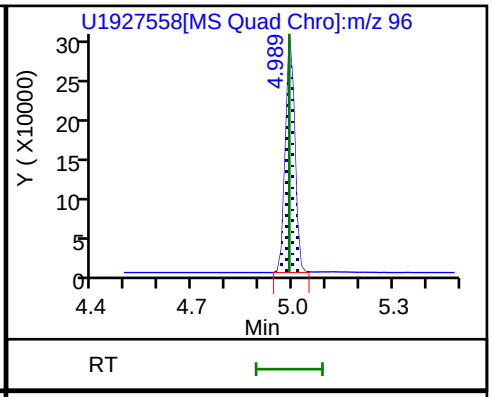
Eurofins Canton

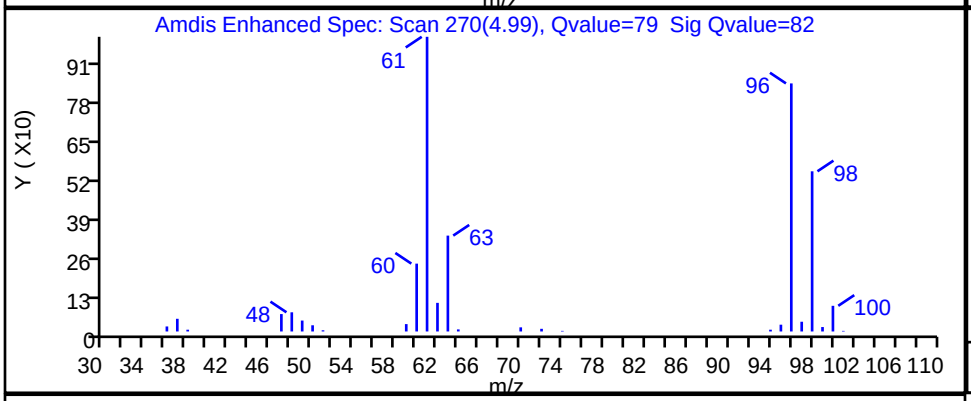
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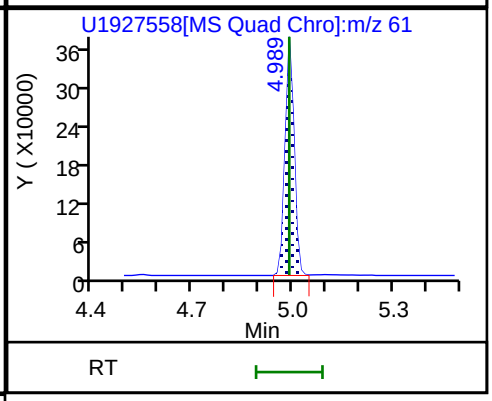
Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24		
Client ID:	SW-050522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

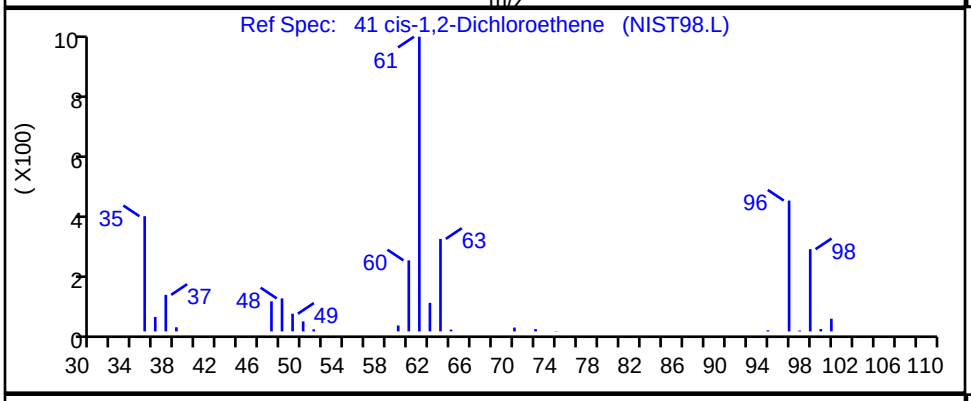
41 cis-1,2-Dichloroethene, CAS: 156-59-2

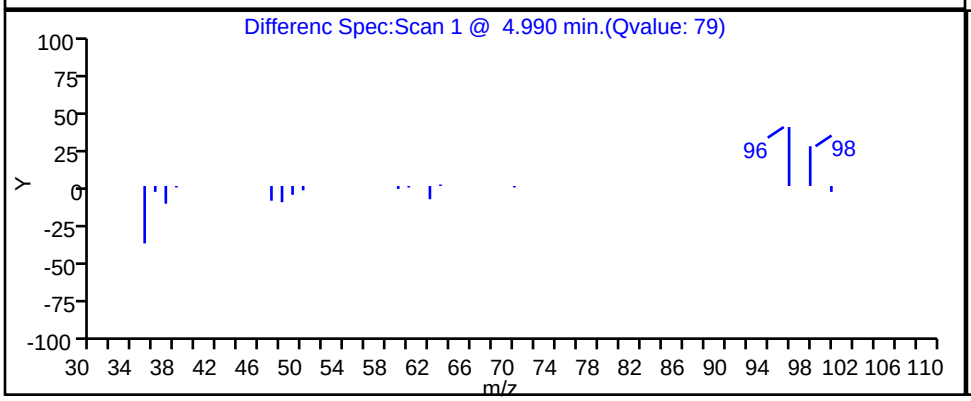


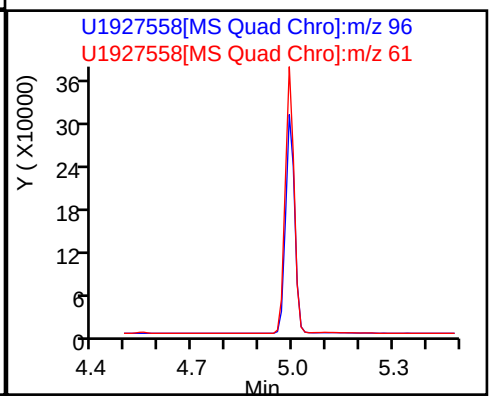












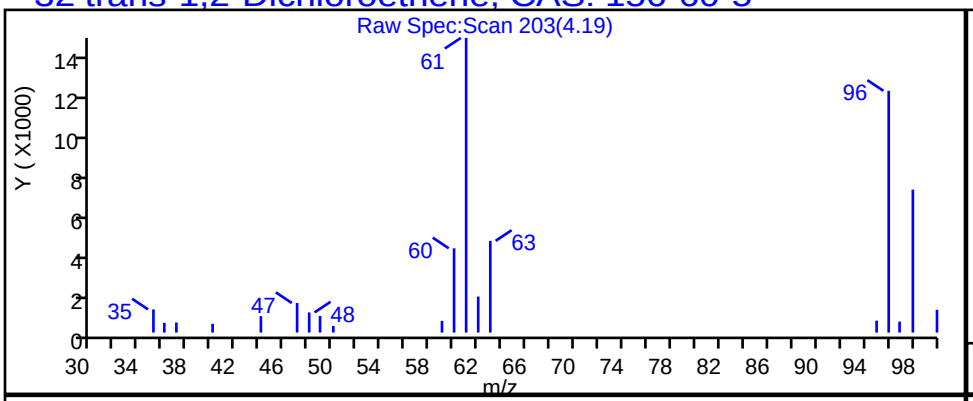
Report Date: 17-May-2022 15:03:34 Chrom Revision: 2.3 12-Apr-2022 20:29:44

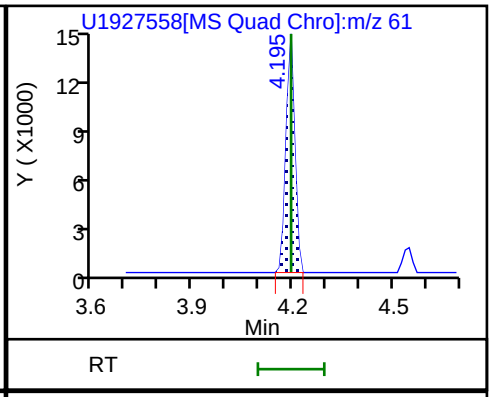
Eurofins Canton

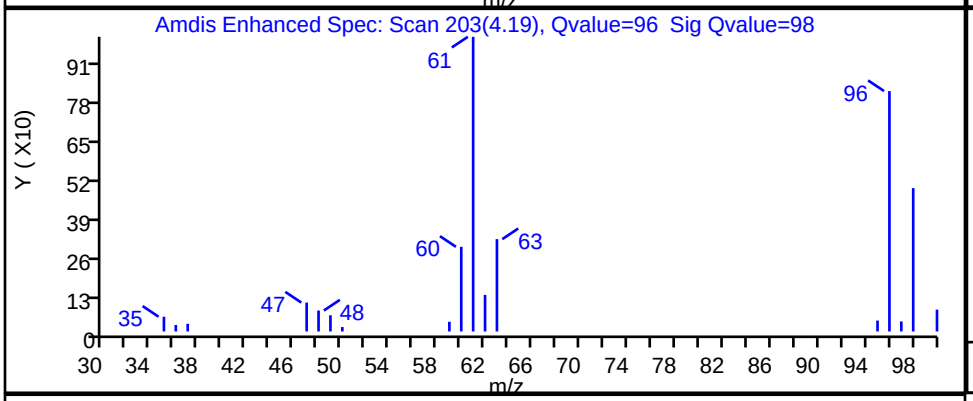
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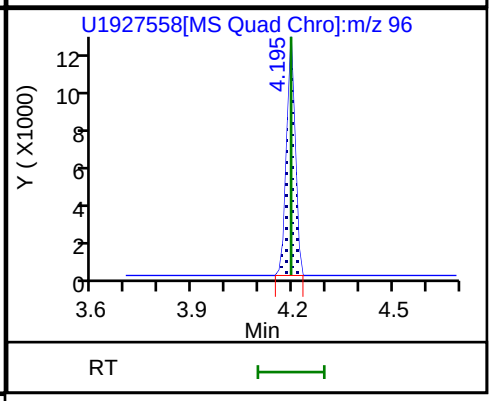
Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24		
Client ID:	SW-050522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

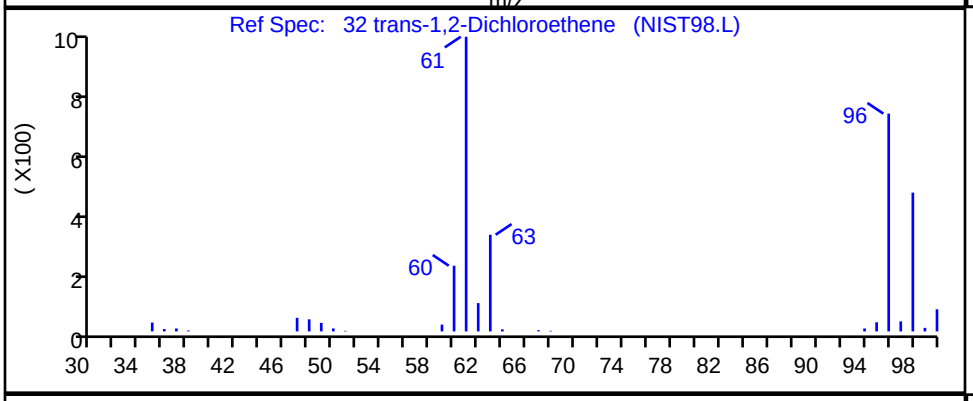
32 trans-1,2-Dichloroethene, CAS: 156-60-5

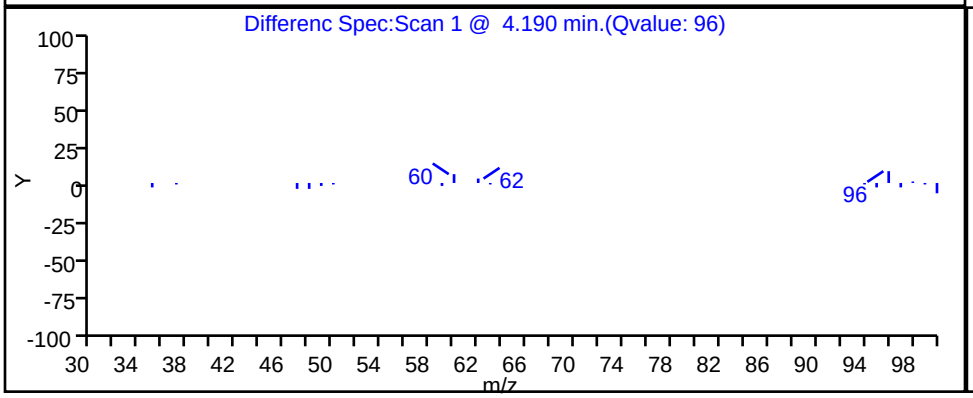


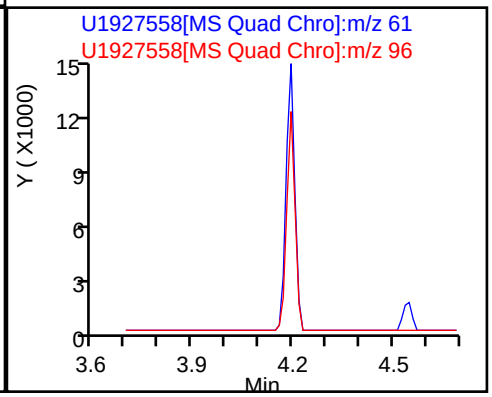












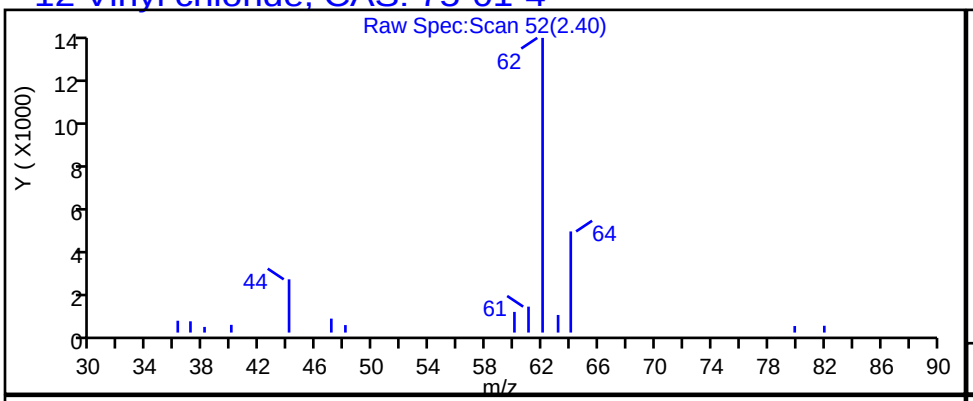
Report Date: 17-May-2022 15:03:34 Chrom Revision: 2.3 12-Apr-2022 20:29:44

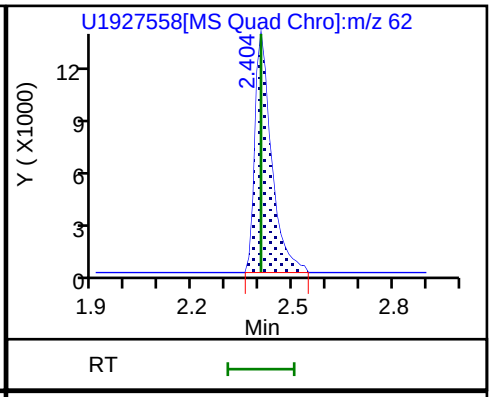
Eurofins Canton

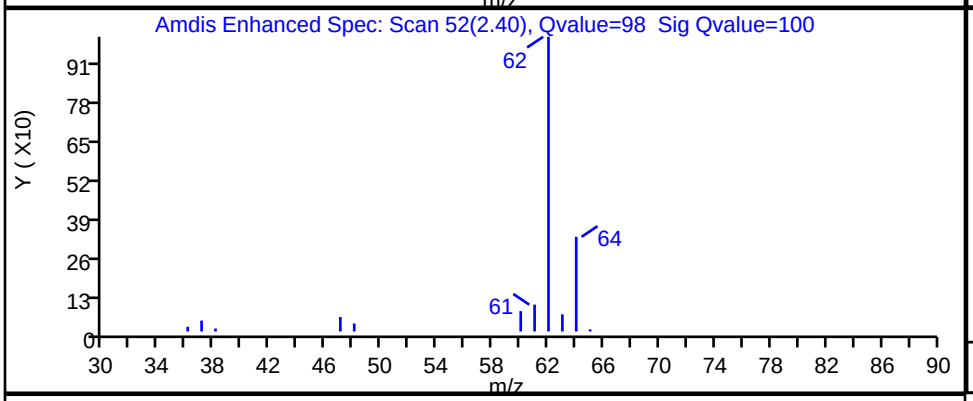
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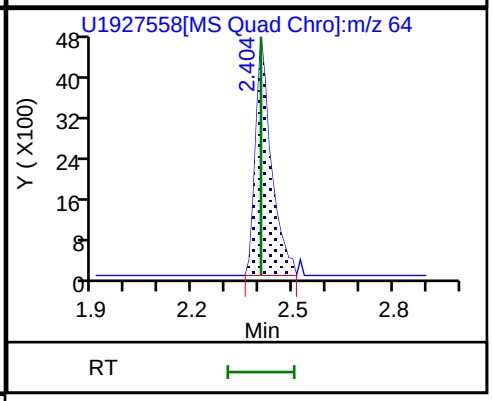
Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24		
Client ID:	SW-050522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

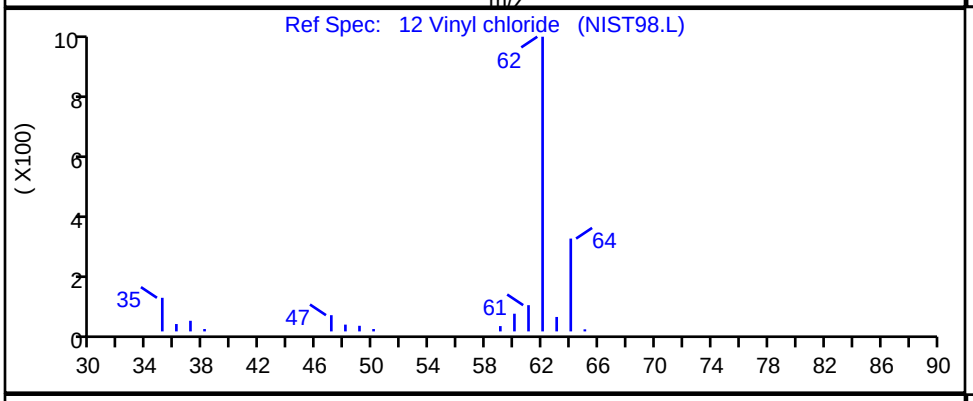
12 Vinyl chloride, CAS: 75-01-4

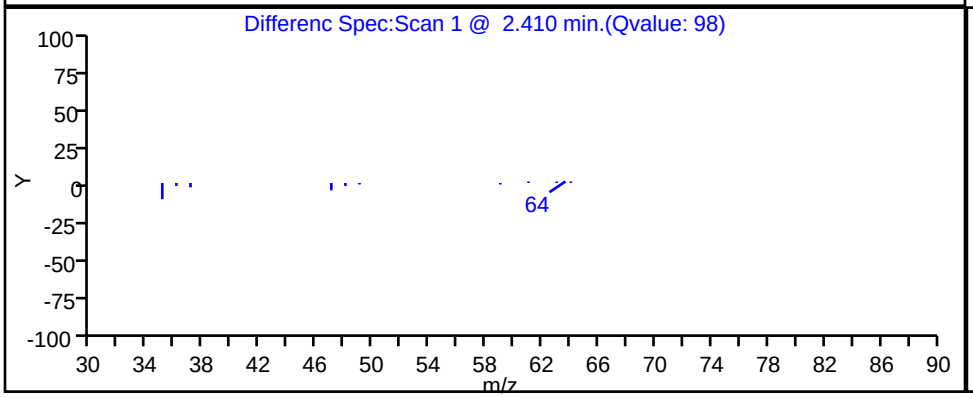


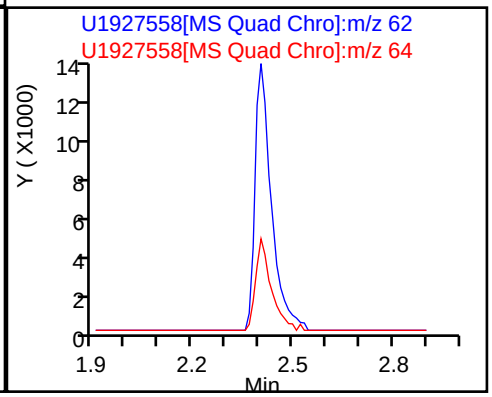












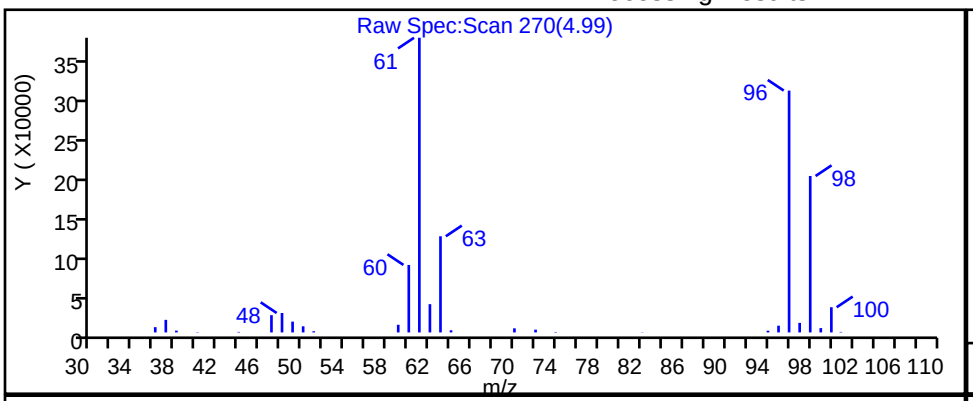
User Disabled Compound Report

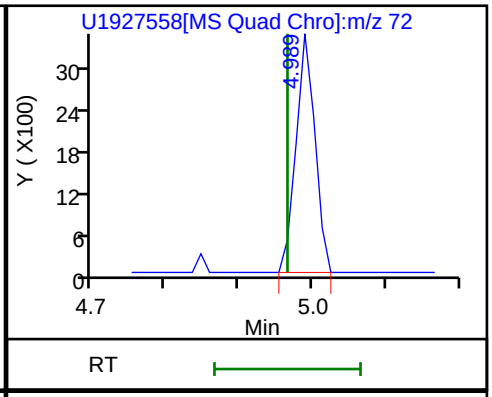
Eurofins Canton

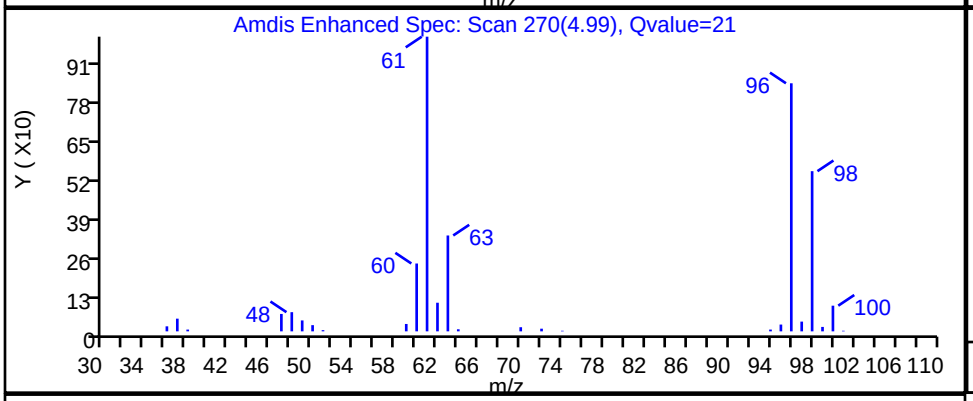
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927558.D				
Injection Date:	17-May-2022 14:24:01	Instrument ID:	A3UX19		
Lims ID:	240-166223-B-24	Lab Sample ID:	240-166223-24		
Client ID:	SW-050522-SS-004				
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

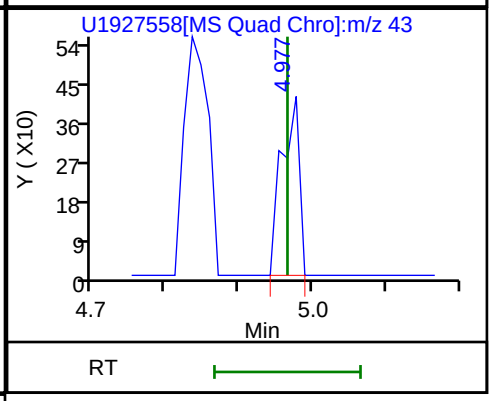
40 2-Butanone (MEK), CAS: 78-93-3

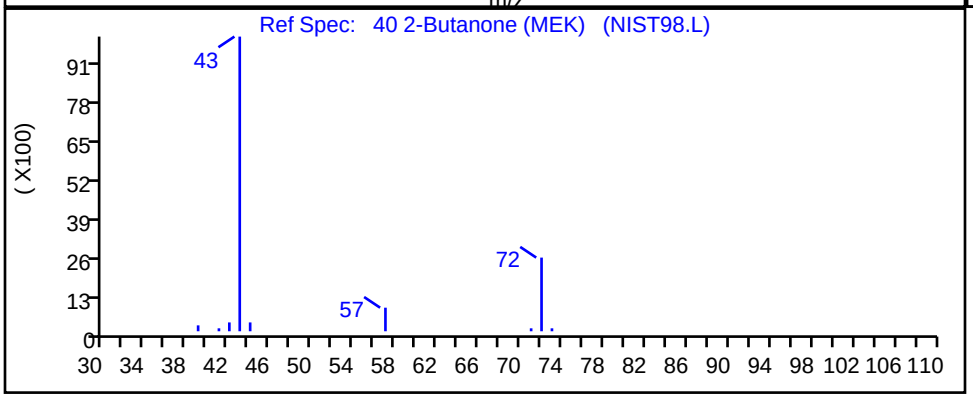
Processing Results











RT	Mass	Response	Amount
4.99	72.00	6236	3.337077
4.98	43.00	701	

Reviewer: laveyt, 17-May-2022 15:03:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: TB-050522-SS-002 | Lab Sample ID: 240-166223-25

Matrix: Water | Lab File ID: U1927556.D

Analysis Method: 8260D | Date Collected: 05/05/2022 16:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 13:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: TB-050522-SS-002 | Lab Sample ID: 240-166223-25

Matrix: Water | Lab File ID: U1927556.D

Analysis Method: 8260D | Date Collected: 05/05/2022 16:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 13:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
460-00-4	4-Bromofluorobenzene (Surr)	101		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927556.D
Lims ID: 240-166223-B-25
Client ID: TB-050522-SS-002
Sample Type: Client
Inject. Date: 17-May-2022 13:38:59 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-009
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 11:55:22 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 14:05:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	744657	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	551192	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	261646	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	198552	18.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	244603	20.0	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	691697	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	249016	20.2	
10 Chloromethane	50		2.273				ND	
12 Vinyl chloride	62		2.404				ND	
13 Bromomethane	94		2.760				ND	
15 Chloroethane	64		2.843				ND	
20 1,1-Dichloroethene	61		3.554				ND	
22 Acetone	43	3.566	3.566	0.000	99	11000	0.2056	
25 Carbon disulfide	76		3.768				ND	7
29 Methylene Chloride	49		3.957				ND	7
32 trans-1,2-Dichloroethene	61		4.194				ND	
35 1,1-Dichloroethane	63		4.538				ND	
40 2-Butanone (MEK)	72		4.965				ND	
41 cis-1,2-Dichloroethene	96		4.989				ND	
48 Chloroform	83		5.238				ND	
49 1,1,1-Trichloroethane	97		5.392				ND	
52 Carbon tetrachloride	117		5.523				ND	
54 Benzene	78		5.677				ND	
55 1,2-Dichloroethane	62		5.700				ND	
59 Trichloroethene	130		6.175				ND	
62 1,2-Dichloropropane	63		6.376				ND	
66 Dichlorobromomethane	83		6.578				ND	
69 cis-1,3-Dichloropropene	75		6.922				ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017				ND	
71 Toluene	91		7.218				ND	7
72 trans-1,3-Dichloropropene	75		7.373				ND	
74 1,1,2-Trichloroethane	97		7.550				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166		7.657				ND	
77 2-Hexanone	43		7.705				ND	
79 Chlorodibromomethane	129		7.894				ND	
83 Chlorobenzene	112		8.428				ND	
85 Ethylbenzene	106		8.499				ND	
86 m-Xylene & p-Xylene	106		8.606				ND	
87 o-Xylene	106		8.962				ND	
88 Styrene	104		8.973				ND	
89 Bromoform	173		9.151				ND	
93 1,1,2,2-Tetrachloroethane	83		9.543				ND	
S 128 Xylenes, Total	106		16.570				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

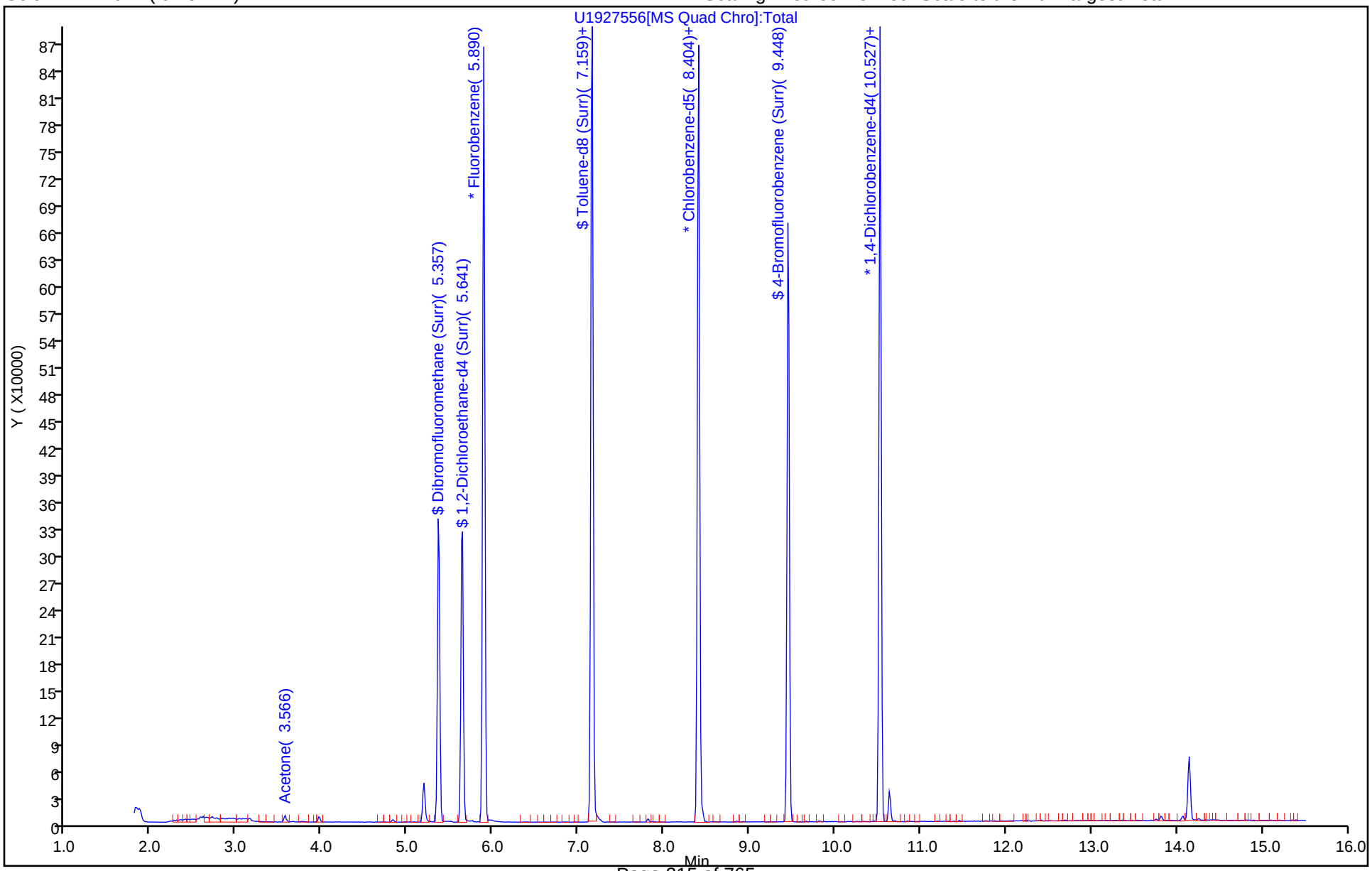
Report Date: 17-May-2022 14:05:44 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927556.D

Injection Date:	17-May-2022 13:38:59	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-25	Lab Sample ID:	240-166223-25	Worklist Smp#:	9
Client ID:	TB-050522-SS-002				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927556.D
Lims ID: 240-166223-B-25
Client ID: TB-050522-SS-002
Sample Type: Client
Inject. Date: 17-May-2022 13:38:59 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-009
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 11:55:22 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 14:05:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.2	91.13
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.0	99.89
$ 6 Toluene-d8 (Surr)	20.0	20.6	103.19
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.2	101.06

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-526135/9	u1290533.D
Level 2	STD8260 240-526135/10	u1290534.D
Level 3	STD8260 240-526135/11	u1290535.D
Level 4	STD8260 240-526135/12	u1290536.D
Level 5	ICIS 240-526135/13	u1290537.D
Level 6	STD8260 240-526135/14	u1290538.D
Level 7	STD8260 240-526135/15	u1290539.D
Level 8	STD8260 240-526135/16	u1290540.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3565 0.3827	0.3844 0.3864	0.4210 0.3724	0.3408	0.3635	Ave		0.3760			0.1000	6.4		20.0			
Chloromethane	0.5397 0.4105	0.4725 0.4126	0.5162 0.4034	0.4286	0.4244	Ave		0.4510			0.1000	11.6		20.0			
Vinyl chloride	0.4577 0.4157	0.4304 0.4213	0.4848 0.4067	0.4045	0.4191	Ave		0.4300			0.1000	6.4		20.0			
Butadiene	0.5503 0.4317	0.4969 0.4378	0.5128 0.4216	0.4147	0.4263	Ave		0.4615				11.1		20.0			
Bromomethane	0.3185 0.2483	0.3236 0.2489	0.3135 0.2403	0.2606	0.2621	Ave		0.2770			0.0500	12.7		20.0			
Chloroethane	0.3336 0.2539	0.2732 0.2591	0.3087 0.2506	0.2652	0.2692	Ave		0.2767			0.0500	10.6		20.0			
Dichlorofluoromethane	0.7136 0.5612	0.6430 0.5644	0.7092 0.5494	0.5796	0.5824	Ave		0.6129				10.9		20.0			
Trichlorofluoromethane	0.4646 0.4791	0.4758 0.4850	0.5473 0.4669	0.4384	0.4747	Ave		0.4790			0.1000	6.5		20.0			
Ethyl ether	0.2631 0.2066	0.2073 0.1847	0.2146 0.1840	0.2018	0.2057	Ave		0.2085				11.8		20.0			
Acrolein	0.0245 0.0194	0.0257 0.0203	0.0272 0.0237	0.0200	0.0280	Ave		0.0236				14.2		20.0			
1,1-Dichloroethene	0.5004 0.4282	0.4194 0.4347	0.4746 0.4127	0.4256	0.4349	Ave		0.4413			0.1000	6.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3198 0.2818	0.2721 0.2821	0.2895 0.2788	0.2722	0.2772	Ave		0.2842			0.0500	5.4		20.0			
Acetone	+++++ 0.0203	0.0541 0.0174	0.0366 0.0150	0.0232	0.0222	Qua	0.0400	0.0241	-0.000058		0.0100	22.7			0.9990		0.9900

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.4634 0.3880	0.4067 0.4068	0.4462 0.3808	0.3832	0.4115	Ave		0.4108				7.3		20.0			
Carbon disulfide	1.1358 0.8180	0.9047 0.8658	0.9865 0.7761	0.8278	0.8837	Ave		0.8998			0.1000	12.7		20.0			
Methyl acetate	0.3008 0.1540	0.2267 0.1314	0.1938 0.1324	0.1554	0.1620	Lin1	0.1908	0.1379			0.1000	11.9			0.9940		0.9900
3-Chloro-1-propene	0.6388 0.3868	0.5341 0.4022	0.5168 0.3415	0.4122	0.4329	Lin1	0.1786	0.3755				14.0			0.9930		0.9900
Methylene Chloride	+++++ 0.2975	0.8226 0.3134	0.6299 0.2828	0.3334	0.3485	Lin1	0.5891	0.2892			0.1000	12.7			0.9960		0.9900
2-Methyl-2-propanol	+++++ 0.0172	0.0314 0.0152	0.0226 0.0138	0.0195	0.0195	Qua	0.0953	0.0200	-0.000008			7.7			1.0000		0.9900
Acrylonitrile	0.1092 0.0790	0.1017 0.0696	0.0898 0.0679	0.0818	0.0857	Ave		0.0856				16.9		20.0			
Methyl tert-butyl ether	0.9152 0.7157	0.8146 0.7425	0.8104 0.6546	0.6070	0.8097	Ave		0.7587			0.1000	13.1		20.0			
trans-1,2-Dichloroethene	0.5036 0.3876	0.4040 0.4065	0.4441 0.3621	0.4081	0.4171	Ave		0.4166			0.1000	10.1		20.0			
Hexane	0.4582 0.4381	0.3827 0.4224	0.3996 0.4316	0.4050	0.3924	Ave		0.4163				6.2		20.0			
Vinyl acetate	0.4599 0.4904	0.4925 0.4180	0.4461 0.4660	0.4255	0.4218	Ave		0.4525				6.6		20.0			
1,1-Dichloroethane	0.5754 0.4705	0.4831 0.4865	0.5397 0.4360	0.4780	0.5147	Ave		0.4980			0.2000	8.8		20.0			
2-Butanone (MEK)	0.0342 0.0300	0.0378 0.0260	0.0323 0.0259	0.0286	0.0321	Ave		0.0308			0.0100	13.2		20.0			
cis-1,2-Dichloroethene	0.3952 0.2810	0.3087 0.2894	0.3263 0.2611	0.2837	0.2976	Ave		0.3054			0.1000	13.5		20.0			
2,2-Dichloropropane	0.4053 0.2728	0.3049 0.3176	0.3675 +++++	0.2805	0.3378	Ave		0.3266				14.6		20.0			
Chlorobromomethane	0.2721 0.1617	0.2201 0.1736	0.2181 0.1465	0.1706	0.1950	Lin1	0.0723	0.1612				14.0			0.9910		0.9900
Tetrahydrofuran	0.1030 0.0762	0.1115 0.0646	0.1080 +++++	0.0865	0.0795	Ave		0.0899				19.8		20.0			
Chloroform	0.5500 0.4256	0.4729 0.4470	0.5010 0.3924	0.4369	0.4654	Ave		0.4614			0.2000	10.5		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4947 0.4213	0.3831 0.4346	0.4489 0.3999	0.3909	0.4214	Ave		0.4244			0.1000	8.5		20.0			
Cyclohexane	0.5424 0.4811	0.4552 0.4905	0.5220 0.4414	0.4694	0.4776	Ave		0.4850			0.1000	6.9		20.0			
1,1-Dichloropropene	0.4496 0.4208	0.3958 0.4240	0.4269 0.4062	0.4078	0.4061	Ave		0.4171				4.0		20.0			
Carbon tetrachloride	0.3648 0.3400	0.3012 0.3551	0.3495 0.3274	0.3164	0.3452	Ave		0.3375			0.1000	6.3		20.0			
Benzene	1.2715 1.1085	1.1070 1.1169	1.2260 1.0584	1.1163	1.1239	Ave		1.1411			0.5000	6.2		20.0			
1,2-Dichloroethane	0.3873 0.3245	0.3447 0.3199	0.3488 0.3078	0.3281	0.3232	Ave		0.3355			0.1000	7.4		20.0			
n-Heptane	+++++ 0.1823	0.7833 0.1684	0.1641 0.1705	0.2210	0.1835	Ave		0.2676				85.3	*	20.0			
Trichloroethene	0.3341 0.3056	0.2886 0.3052	0.3134 0.3003	0.2963	0.2881	Ave		0.3039			0.1500	4.9		20.0			
Methylcyclohexane	0.5636 0.5002	0.4295 0.5019	0.4985 0.4776	0.4695	0.4847	Ave		0.4907			0.1000	7.7		20.0			
1,2-Dichloropropane	0.2707 0.2547	0.2447 0.2545	0.2584 0.2480	0.2537	0.2363	Ave		0.2526			0.1000	4.0		20.0			
1,4-Dioxane	+++++ 0.0016	0.0021 0.0015	0.0013 0.0014	0.0020	0.0021	Ave		0.0017				19.5		20.0			
Dibromomethane	0.1918 0.1645	0.1721 0.1580	0.1806 0.1551	0.1618	0.1671	Ave		0.1689				7.3		20.0			
Dichlorobromomethane	0.3394 0.3236	0.3415 0.3247	0.3222 0.3169	0.3206	0.3146	Ave		0.3254			0.1500	3.0		20.0			
2-Chloroethyl vinyl ether	0.1461 0.1776	0.1685 0.1627	0.1647 0.1741	0.1662	0.1595	Ave		0.1649				5.8		20.0			
cis-1,3-Dichloropropene	0.3901 0.4283	0.3992 0.4116	0.4052 0.4276	0.4085	0.3915	Ave		0.4077			0.1500	3.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.3237 0.2687	0.3371 0.2462	0.2909 0.2436	0.2576	0.2701	Ave		0.2798			0.0500	12.5		20.0			
Toluene	1.8824 1.5959	1.6400 1.6140	1.7152 1.5425	1.6179	1.5710	Ave		1.6474			0.4000	6.5		20.0			
trans-1,3-Dichloropropene	0.5775 0.5331	0.5225 0.5184	0.5284 0.5202	0.5143	0.4889	Ave		0.5254			0.1000	4.7		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4878 0.4760	0.4811 0.4546	0.4657 0.4517	0.4500	0.4539	Ave		0.4651				3.2		20.0			
1,1,2-Trichloroethane	0.3216 0.2970	0.3023 0.2890	0.3116 0.2808	0.2963	0.2903	Ave		0.2986			0.1000	4.4		20.0			
Tetrachloroethene	0.4493 0.4109	0.4399 0.4146	0.4110 0.3984	0.4046	0.3950	Ave		0.4155			0.1500	4.7		20.0			
1,3-Dichloropropane	0.6086 0.5386	0.5737 0.5177	0.5527 0.5056	0.5317	0.5136	Ave		0.5428				6.4		20.0			
2-Hexanone	0.3385 0.2668	0.3455 0.2387	0.2939 0.2335	0.2588	0.2660	Ave		0.2802			0.0500	15.1		20.0			
Chlorodibromomethane	0.3286 0.3124	0.3033 0.3116	0.3175 0.3035	0.2985	0.3043	Ave		0.3100				3.1		20.0			
Ethylene Dibromide	0.3481 0.3096	0.3200 0.2994	0.3196 0.2889	0.3019	0.3001	Ave		0.3109				5.9		20.0			
Chlorobenzene	1.1351 0.9719	1.0334 0.9791	1.0379 0.9416	0.9894	0.9449	Ave		1.0042			0.3000	6.3		20.0			
1,1,1,2-Tetrachloroethane	0.3809 0.3140	0.3125 0.3379	0.3548 0.3023	0.3083	0.3329	Ave		0.3304				8.2		20.0			
Ethylbenzene	0.5929 0.5548	0.5591 0.5691	0.5914 0.5404	0.5591	0.5485	Ave		0.5644				3.4		20.0			
m-Xylene & p-Xylene	0.7642 0.6817	0.6501 0.6947	0.7060 0.6634	0.6842	0.6624	Ave		0.6883				5.2		20.0			
o-Xylene	0.6955 0.6433	0.6462 0.6752	0.6936 0.6173	0.6320	0.6592	Ave		0.6578				4.3		20.0			
Styrene	1.1708 1.0933	1.0569 1.1010	1.0893 1.0695	1.0709	1.0805	Ave		1.0915			0.3000	3.2		20.0			
Bromoform	0.2328 0.2202	0.2127 0.2156	0.2054 0.2093	0.2044	0.2190	Ave		0.2149			0.1000	4.3		20.0			
Isopropylbenzene	1.9039 1.6965	1.6218 1.7800	1.7677 1.6102	1.6800	1.7263	Ave		1.7233			0.1000	5.5		20.0			
1,1,2,2-Tetrachloroethane	0.9159 0.8013	0.8552 0.7576	0.8129 0.7402	0.7712	0.7750	Ave		0.8037			0.3000	7.2		20.0			
trans-1,4-Dichloro-2-butene	0.2775 0.2705	0.3031 0.2494	0.2760 0.2506	0.2668	0.2559	Ave		0.2687				6.6		20.0			
Bromobenzene	0.8546 0.7887	0.8123 0.7738	0.8185 0.7737	0.7762	0.7484	Ave		0.7933				4.2		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.2758 0.2510	0.2770 0.2384	0.2712 0.2326	0.2501	0.2479	Ave		0.2555				6.7		20.0			
N-Propylbenzene	0.8903 0.8984	0.8346 0.9123	0.8664 0.8851	0.8654	0.8489	Ave		0.8752				3.0		20.0			
2-Chlorotoluene	0.8072 0.7450	0.7320 0.7528	0.7509 0.7327	0.7303	0.7168	Ave		0.7460				3.7		20.0			
1,3,5-Trimethylbenzene	2.5866 2.6034	2.4204 2.7023	2.5890 2.5550	2.5106	2.5043	Ave		2.5589				3.3		20.0			
4-Chlorotoluene	0.8464 0.7829	0.7820 0.7763	0.7968 0.7689	0.7705	0.7384	Ave		0.7828				3.9		20.0			
tert-Butylbenzene	2.1339 2.2715	2.0946 2.3062	2.1617 2.2076	2.1854	2.0977	Ave		2.1823				3.5		20.0			
1,2,4-Trimethylbenzene	2.6882 2.6120	2.4368 2.6936	2.5917 2.5739	2.5507	2.5524	Ave		2.5874				3.2		20.0			
sec-Butylbenzene	3.0707 3.1336	2.8241 3.2276	3.0604 3.0313	3.0315	2.9648	Ave		3.0430				3.9		20.0			
4-Isopropyltoluene	2.6370 2.6903	2.4368 2.8016	2.6187 2.6310	2.5521	2.5716	Ave		2.6174				4.1		20.0			
1,3-Dichlorobenzene	1.8141 1.4600	1.4773 1.4702	1.5595 1.4240	1.4624	1.4298	Ave		1.5122			0.6000	8.5		20.0			
1,4-Dichlorobenzene	1.8255 1.4835	1.5914 1.5003	1.6385 1.4326	1.4846	1.4445	Ave		1.5501			0.5000	8.5		20.0			
n-Butylbenzene	2.4398 2.2507	2.0218 2.4037	2.2650 2.2182	2.1451	2.2158	Ave		2.2450				6.0		20.0			
1,2-Dichlorobenzene	1.5795 1.3541	1.4082 1.3922	1.4929 1.3063	1.3311	1.3609	Ave		1.4032			0.4000	6.5		20.0			
1,2-Dibromo-3-Chloropropane	0.2564 0.1888	0.2053 0.1914	0.1921 0.1719	0.1799	0.1922	Ave		0.1972			0.0500	13.1		20.0			
1,2,4-Trichlorobenzene	1.1094 0.8237	0.8501 0.9404	0.9072 0.8602	0.7721	0.8446	Ave		0.8885			0.2000	11.6		20.0			
Hexachlorobutadiene	0.3703 0.3127	0.3206 0.3542	0.3553 0.3344	0.3020	0.3182	Ave		0.3334				7.2		20.0			
Naphthalene	3.3652 2.5795	2.9117 2.7951	2.8339 2.5100	2.4235	2.6728	Ave		2.7615				10.7		20.0			
1,2,3-Trichlorobenzene	0.9319 0.7905	0.8521 0.8971	0.8614 0.8229	0.7324	0.8011	Ave		0.8362				7.6		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	+++++ 0.2123	0.2472 0.2246	0.2588 0.1958	0.2174	0.2349	Ave		0.2273				9.4		20.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2400	0.3007 0.2396	0.3255 0.2229	0.2455	0.2527	Ave		0.2610				14.3		20.0			
Toluene-d8 (Surr)	+++++ 1.3088	1.3749 1.3461	1.4044 1.2773	1.3352	1.2925	Ave		1.3342				3.4		20.0			
4-Bromofluorobenzene (Surr)	+++++ 0.4716	0.5937 0.4783	0.5467 0.4567	0.4706	0.4679	Ave		0.4979				10.4		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-526135/9	u1290533.D
Level 2	STD8260 240-526135/10	u1290534.D
Level 3	STD8260 240-526135/11	u1290535.D
Level 4	STD8260 240-526135/12	u1290536.D
Level 5	ICIS 240-526135/13	u1290537.D
Level 6	STD8260 240-526135/14	u1290538.D
Level 7	STD8260 240-526135/15	u1290539.D
Level 8	STD8260 240-526135/16	u1290540.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	7568 712499	17409 1079514	36055 1379805	155344	334176	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	11457 764161	21401 1152667	44206 1494794	195382	390215	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	9716 773834	19493 1176964	41517 1506754	184388	385286	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	11681 803753	22505 1223176	43917 1562050	189047	391924	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	6761 462294	14658 695271	26851 890231	118772	240938	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	7082 472732	12376 724005	26435 928568	120866	247509	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	15148 1044751	29126 1576705	60736 2035786	264190	535457	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	9863 891987	21549 1354977	46876 1729817	199849	436437	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	5585 384642	9388 516095	18382 681933	91992	189084	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	2599 180709	5811 282957	11642 438304	45583	128543	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	10622 797214	18995 1214530	40650 1529183	193992	399866	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	6788 524545	12325 788146	24797 1032858	124086	254815	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Qua	+++++	4905	6273	21117	40902	+++++	2.00	4.00	20.0	40.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			75513	97394	111221			80.0	120	160		
Iodomethane	FB	Ave	9837 722381	18420 1136601	38216 1411077	174685	378284	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	24110 1522770	40978 2418805	84489 2875653	377341	812458	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Lin1	12769 573489	20536 734403	33192 981497	141654	297843	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Lin1	13561 720169	24191 1123674	44260 1265250	187886	397991	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Lin1	+++++ 553821	37259 875614	53946 1047907	151981	320376	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Methyl-2-propanol	FB	Qua	+++++ 319715	14222 423540	19348 512587	88716	179717	+++++ 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	23179 1470373	46072 1943821	76928 2516513	372847	787739	5.00 400	10.0 600	20.0 800	100	200
Methyl tert-butyl ether	FB	Ave	19427 1332318	36894 2074465	69407 2425469	276671	744430	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	10690 721656	18299 1135731	38037 1341667	186015	383430	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	9726 815666	17333 1180121	34227 1599298	184615	360796	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	9763 912908	22307 1167881	38202 1726686	193971	387767	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	12214 875958	21882 1359186	46224 1615536	217877	473175	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone (MEK)	FB	Ave	1451 111584	3424 145352	5525 191848	26054	59051	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	8389 523106	13983 808382	27946 967523	129324	273555	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	8604 507864	13809 887318	31473 +++++	127839	310567	0.500 40.0	1.00 60.0	2.00 +++++	10.0	20.0
Chlorobromomethane	FB	Lin1	5777 300945	9968 485014	18681 542666	77782	179237	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	4373 283656	10097 361037	18496 +++++	78879	146252	1.00 80.0	2.00 120	4.00 +++++	20.0	40.0
Chloroform	FB	Ave	11675	21418	42904	199130	427896	0.500	1.00	2.00	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			792311	1248831	1454057			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	10501 784223	17353 1214265	38443 1481772	178194	387446	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	11513 895559	20617 1370487	44709 1635593	213941	439116	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	9543 783375	17928 1184426	36559 1505180	185884	373337	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon tetrachloride	FB	Ave	7743 632995	13644 992169	29931 1213233	144217	317352	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Benzene	FB	Ave	26992 2063579	50140 3120466	105000 3921641	508850	1033299	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	8221 604181	15611 893695	29873 1140322	149558	297178	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Ave	+++++ 339452	35479 470561	14052 631742	100751	168709	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	7092 568861	13072 852603	26839 1112715	135071	264892	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	11963 931123	19455 1402326	42693 1769734	213998	445580	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	5747 474141	11085 711013	22127 918837	115650	217244	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Ave	+++++ 61369	1879 81985	2293 101755	17800	38843	+++++ 800	20.0 1200	40.0 1600	200	400
Dibromomethane	FB	Ave	4071 306180	7796 441377	15465 574795	73753	153595	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorobromomethane	FB	Ave	7204 602509	15469 907197	27594 1174264	146121	289211	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	6204 661281	15267 908965	28218 1290092	151533	293287	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	8282 797343	18080 1149791	34706 1584246	186210	359916	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	13745 1000497	30541 1375686	49834 1805017	234858	496603	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Toluene	CBNZ d5	Ave	26907 2177995	53101 3203095	104486 4312994	530624	1025464	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Ave	8255	16919	32189	168688	319095	0.500	1.00	2.00	10.0	20.0
			727467	1028796	1454486			40.0	60.0	80.0		
Ethyl methacrylate	CBNZ d5	Ave	6973	15578	28369	147602	296269	0.500	1.00	2.00	10.0	20.0
			649568	902095	1263104			40.0	60.0	80.0		
1,1,2-Trichloroethane	CBNZ d5	Ave	4597	9787	18984	97193	189490	0.500	1.00	2.00	10.0	20.0
			405337	573537	785058			40.0	60.0	80.0		
Tetrachloroethene	CBNZ d5	Ave	6423	14243	25037	132697	257828	0.500	1.00	2.00	10.0	20.0
			560751	822811	1113815			40.0	60.0	80.0		
1,3-Dichloropropane	CBNZ d5	Ave	8700	18576	33669	174370	335225	0.500	1.00	2.00	10.0	20.0
			735030	1027366	1413675			40.0	60.0	80.0		
2-Hexanone	CBNZ d5	Ave	9678	22376	35812	169736	347266	1.00	2.00	4.00	20.0	40.0
			728126	947251	1305622			80.0	120	160		
Chlorodibromomethane	CBNZ d5	Ave	4697	9819	19342	97911	198631	0.500	1.00	2.00	10.0	20.0
			426399	618438	848601			40.0	60.0	80.0		
Ethylene Dibromide	CBNZ d5	Ave	4976	10362	19468	99009	195871	0.500	1.00	2.00	10.0	20.0
			422506	594254	807671			40.0	60.0	80.0		
Chlorobenzene	CBNZ d5	Ave	16225	33460	63226	324495	616756	0.500	1.00	2.00	10.0	20.0
			1326321	1943131	2632677			40.0	60.0	80.0		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5445	10118	21613	101110	217279	0.500	1.00	2.00	10.0	20.0
			428474	670493	845113			40.0	60.0	80.0		
Ethylbenzene	CBNZ d5	Ave	8475	18103	36029	183362	358036	0.500	1.00	2.00	10.0	20.0
			757155	1129472	1510965			40.0	60.0	80.0		
m-Xylene & p-Xylene	CBNZ d5	Ave	10923	21049	43010	224388	432376	0.500	1.00	2.00	10.0	20.0
			930356	1378589	1854874			40.0	60.0	80.0		

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
o-Xylene	CBNZ d5	Ave	9941	20922	42252	207296	430313	0.500	1.00	2.00	10.0	20.0
			877952	1339957	1725910			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	16735	34221	66356	351213	705318	0.500	1.00	2.00	10.0	20.0
			1492060	2185069	2990409			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	3327	6886	12513	67043	142934	0.500	1.00	2.00	10.0	20.0
			300537	427917	585153			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	27214	52512	107689	550993	1126818	0.500	1.00	2.00	10.0	20.0
			2315161	3532547	4502292			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7472	14598	26615	130115	275805	0.500	1.00	2.00	10.0	20.0
			559833	799957	1035113			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2264	5174	9035	45020	91072	0.500	1.00	2.00	10.0	20.0
			188973	263382	350430			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	6972	13866	26798	130957	266330	0.500	1.00	2.00	10.0	20.0
			551075	817108	1081867			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	2250	4728	8879	42200	88232	0.500	1.00	2.00	10.0	20.0
			175374	251733	325289			40.0	60.0	80.0		
N-Propylbenzene	DCBd 4	Ave	7263	14247	28367	146007	302100	0.500	1.00	2.00	10.0	20.0
			627669	963359	1237668			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	6585	12496	24584	123205	255099	0.500	1.00	2.00	10.0	20.0
			520487	794881	1024586			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	21101	41317	84764	423560	891220	0.500	1.00	2.00	10.0	20.0
			1818901	2853462	3572803			40.0	60.0	80.0		
4-Chlorotoluene	DCBd 4	Ave	6905	13349	26087	129997	262784	0.500	1.00	2.00	10.0	20.0
			546974	819705	1075175			40.0	60.0	80.0		

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
tert-Butylbenzene	DCBd 4	Ave	17408	35755	70774	368704	746517	0.500	1.00	2.00	10.0	20.0
			1587062	2435128	3087061			40.0	60.0	80.0		
1,2,4-Trimethylbenzene	DCBd 4	Ave	21930	41596	84854	430331	908336	0.500	1.00	2.00	10.0	20.0
			1824922	2844208	3599242			40.0	60.0	80.0		
sec-Butylbenzene	DCBd 4	Ave	25050	48208	100199	511446	1055102	0.500	1.00	2.00	10.0	20.0
			2189347	3408094	4238793			40.0	60.0	80.0		
4-Isopropyltoluene	DCBd 4	Ave	21512	41597	85737	430564	915180	0.500	1.00	2.00	10.0	20.0
			1879660	2958277	3679140			40.0	60.0	80.0		
1,3-Dichlorobenzene	DCBd 4	Ave	14799	25218	51059	246714	508846	0.500	1.00	2.00	10.0	20.0
			1020063	1552394	1991304			40.0	60.0	80.0		
1,4-Dichlorobenzene	DCBd 4	Ave	14892	27165	53645	250470	514080	0.500	1.00	2.00	10.0	20.0
			1036451	1584215	2003279			40.0	60.0	80.0		
n-Butylbenzene	DCBd 4	Ave	19903	34512	74156	361904	788553	0.500	1.00	2.00	10.0	20.0
			1572468	2538151	3101789			40.0	60.0	80.0		
1,2-Dichlorobenzene	DCBd 4	Ave	12885	24038	48879	224578	484319	0.500	1.00	2.00	10.0	20.0
			946088	1470045	1826714			40.0	60.0	80.0		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	2092	3504	6288	30351	68402	0.500	1.00	2.00	10.0	20.0
			131897	202105	240354			40.0	60.0	80.0		
1,2,4-Trichlorobenzene	DCBd 4	Ave	9050	14511	29702	130259	300586	0.500	1.00	2.00	10.0	20.0
			575530	993021	1202847			40.0	60.0	80.0		
Hexachlorobutadiene	DCBd 4	Ave	3021	5472	11633	50945	113228	0.500	1.00	2.00	10.0	20.0
			218473	373980	467590			40.0	60.0	80.0		
Naphthalene	DCBd 4	Ave	27453	49703	92782	408864	951189	0.500	1.00	2.00	10.0	20.0
			1802230	2951437	3509817			40.0	60.0	80.0		

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	7602 552305	14546 947231	28203 1150756	123555	285094	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	+++++ 395181	11195 627388	22162 725495	99100	215948	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 446848	13619 669410	27873 825747	111914	232331	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Toluene-d8 (Surr)	CBNZ d5	Ave	+++++ 1786067	44516 2671436	85552 3571326	437903	843681	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	+++++ 643646	19222 949233	33303 1276911	154333	305435	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 526135

SDG No.:

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2022 11:38 Calibration End Date: 05/12/2022 14:14 Calibration ID: 65701

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-526135/9	u1290533.D
Level 2	STD8260 240-526135/10	u1290534.D
Level 3	STD8260 240-526135/11	u1290535.D
Level 4	STD8260 240-526135/12	u1290536.D
Level 5	ICIS 240-526135/13	u1290537.D
Level 6	STD8260 240-526135/14	u1290538.D
Level 7	STD8260 240-526135/15	u1290539.D
Level 8	STD8260 240-526135/16	u1290540.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	+++++	43.0						50				
Methyl acetate	-20.3						50					
3-Chloro-1-propene	-25.0						50					
Methylene Chloride	+++++	-19.3						50				
2-Methyl-2-propanol	+++++	9.7						50				
Chlorobromomethane	-20.9						50					

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D
Lims ID: std8260 L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-May-2022 11:38:30 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-009
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:03 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 12:55:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	99	849112	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	571766	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.597	0.001	95	326312	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111		5.438				ND	ND	U
$ 5 1,2-Dichloroethane-d4 (Surr)	65		5.711				ND	ND	U
$ 6 Toluene-d8 (Surr)	98		7.225				ND	ND	U
$ 7 4-Bromofluorobenzene (Surr)	95		9.521				ND	ND	U
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	97	7568	0.5000	0.4741	
10 Chloromethane	50	2.303	2.303	0.000	99	11457	0.5000	0.5984	
12 Vinyl chloride	62	2.433	2.433	0.000	96	9716	0.5000	0.5322	
11 Butadiene	54	2.457	2.457	0.000	89	11681	0.5000	0.5962	
14 Bromomethane	94	2.788	2.788	0.000	90	6761	0.5000	0.5750	
15 Chloroethane	64	2.883	2.883	0.001	99	7082	0.5000	0.6029	
16 Dichlorofluoromethane	67	3.096	3.096	0.000	97	15148	0.5000	0.5822	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	97	9863	0.5000	0.4850	
19 Ethyl ether	59	3.380	3.379	0.001	88	5585	0.5000	0.6310	
20 Acrolein	56	3.510	3.510	0.000	94	2599	2.50	2.60	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	10622	0.5000	0.5669	
22 112TCTFE	101	3.616	3.616	0.000	89	6788	0.5000	0.5626	
23 Acetone	58		3.628				ND	ND	U
24 Iodomethane	142	3.746	3.758	-0.012	99	9837	0.5000	0.5640	
25 Carbon disulfide	76	3.817	3.817	0.000	100	24110	0.5000	0.6311	
28 Methyl acetate	43	3.900	3.900	0.000	96	12769	1.00	0.7972	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	86	13561	0.5000	0.3750	
29 Methylene Chloride	49		4.030				ND	ND	U
30 2-Methyl-2-propanol	59		4.089				ND	ND	U
31 Acrylonitrile	53	4.220	4.220	0.000	98	23179	5.00	6.38	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	19427	0.5000	0.6031	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	96	10690	0.5000	0.6043	
34 Hexane	57	4.468	4.468	0.000	91	9726	0.5000	0.5503	
36 Vinyl acetate	43	4.586	4.586	0.000	96	9763	0.5000	0.5082	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	12214	0.5000	0.5777	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	96	1451	1.00	1.11	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	81	8389	0.5000	0.6471	
40 2,2-Dichloropropane	77	5.072	5.072	0.000	88	8604	0.5000	0.6205	
46 Chlorobromomethane	49	5.249	5.249	0.000	95	5777	0.5000	0.3953	
47 Tetrahydrofuran	42	5.261	5.261	0.000	85	4373	1.00	1.15	
48 Chloroform	83	5.308	5.308	0.000	94	11675	0.5000	0.5960	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	96	10501	0.5000	0.5829	
50 Cyclohexane	84	5.521	5.533	-0.012	88	11513	0.5000	0.5592	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	95	9543	0.5000	0.5389	
53 Isobutyl alcohol	41	5.592	5.592	0.000	74	4677	12.5	10.3	
52 Carbon tetrachloride	117	5.592	5.592	0.000	94	7743	0.5000	0.5405	
54 Benzene	78	5.746	5.746	0.000	97	26992	0.5000	0.5572	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	98	8221	0.5000	0.5771	
57 n-Heptane	57		5.924				ND	ND	
59 Trichloroethene	130	6.243	6.243	0.000	97	7092	0.5000	0.5496	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	11963	0.5000	0.5743	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	89	5747	0.5000	0.5358	
65 1,4-Dioxane	88		6.503				ND	ND	
64 Dibromomethane	174	6.527	6.539	-0.012	95	4071	0.5000	0.5678	
66 Dichlorobromomethane	83	6.657	6.645	0.012	96	7204	0.5000	0.5214	
68 2-Chloroethyl vinyl ether	63	6.847	6.847	0.000	91	6204	1.00	0.8860	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	8282	0.5000	0.4784	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	97	13745	1.00	1.16	
71 Toluene	91	7.284	7.284	0.000	98	26907	0.5000	0.5713	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	8255	0.5000	0.5496	
74 Ethyl methacrylate	69	7.462	7.462	0.000	90	6973	0.5000	0.5244	
75 1,1,2-Trichloroethane	97	7.628	7.628	0.000	83	4597	0.5000	0.5385	
76 Tetrachloroethene	166	7.722	7.722	0.000	96	6423	0.5000	0.5408	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	92	8700	0.5000	0.5607	
78 2-Hexanone	43	7.781	7.781	0.000	95	9678	1.00	1.21	
80 Chlorodibromomethane	129	7.971	7.971	0.000	91	4697	0.5000	0.5300	
81 Ethylene Dibromide	107	8.089	8.089	0.000	97	4976	0.5000	0.5598	
83 Chlorobenzene	112	8.503	8.503	0.000	97	16225	0.5000	0.5652	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	43	5445	0.5000	0.5764	
85 Ethylbenzene	106	8.574	8.574	0.000	98	8475	0.5000	0.5252	
86 m-Xylene & p-Xylene	106	8.681	8.681	0.000	98	10923	0.5000	0.5551	
87 o-Xylene	106	9.036	9.036	0.000	97	9941	0.5000	0.5286	
88 Styrene	104	9.047	9.047	0.000	94	16735	0.5000	0.5363	
89 Bromoform	173	9.237	9.237	0.000	93	3327	0.5000	0.5415	
90 Isopropylbenzene	105	9.355	9.355	0.000	95	27214	0.5000	0.5524	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	7472	0.5000	0.5698	
95 trans-1,4-Dichloro-2-butene	53	9.651	9.663	-0.012	81	2264	0.5000	0.5164	
92 Bromobenzene	156	9.675	9.675	0.000	95	6972	0.5000	0.5387	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	83	2250	0.5000	0.5397	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	7263	0.5000	0.5086	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	6585	0.5000	0.5411	
98 1,3,5-Trimethylbenzene	105	9.888	9.888	0.000	93	21101	0.5000	0.5054	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	6905	0.5000	0.5407	
102 tert-Butylbenzene	119	10.195	10.195	0.000	92	17408	0.5000	0.4889	
104 1,2,4-Trimethylbenzene	105	10.243	10.243	0.000	97	21930	0.5000	0.5195	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	25050	0.5000	0.5045	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.527	10.527	0.000	96	21512	0.5000	0.5037	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	79	14799	0.5000	0.5998	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	93	14892	0.5000	0.5888	
111 n-Butylbenzene	91	10.917	10.917	0.000	96	19903	0.5000	0.5434	
112 1,2-Dichlorobenzene	146	10.964	10.964	0.000	92	12885	0.5000	0.5628	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	78	2092	0.5000	0.6501	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	92	9050	0.5000	0.6243	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	75	3021	0.5000	0.5553	
117 Naphthalene	128	12.739	12.739	0.000	97	27453	0.5000	0.6093	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	90	7602	0.5000	0.5572	
S 124 Trihalomethanes, Total	1				0		2.00	2.19	
S 125 Total BTEX	1				0		2.50	2.74	
S 126 1,2-Dichloroethene, Total	96				0			1.25	
S 127 1,3-Dichloropropene, Total	75				0			1.03	
S 128 Xylenes, Total	106				0		1.00	1.08	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

U - Marked Undetected

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	0.40	Units: uL
vmarolistdw_00436	Amount Added:	0.40	Units: uL
vmrprimw_00481	Amount Added:	0.40	Units: uL
vm50ss_stk_00091	Amount Added:	0.40	Units: uL

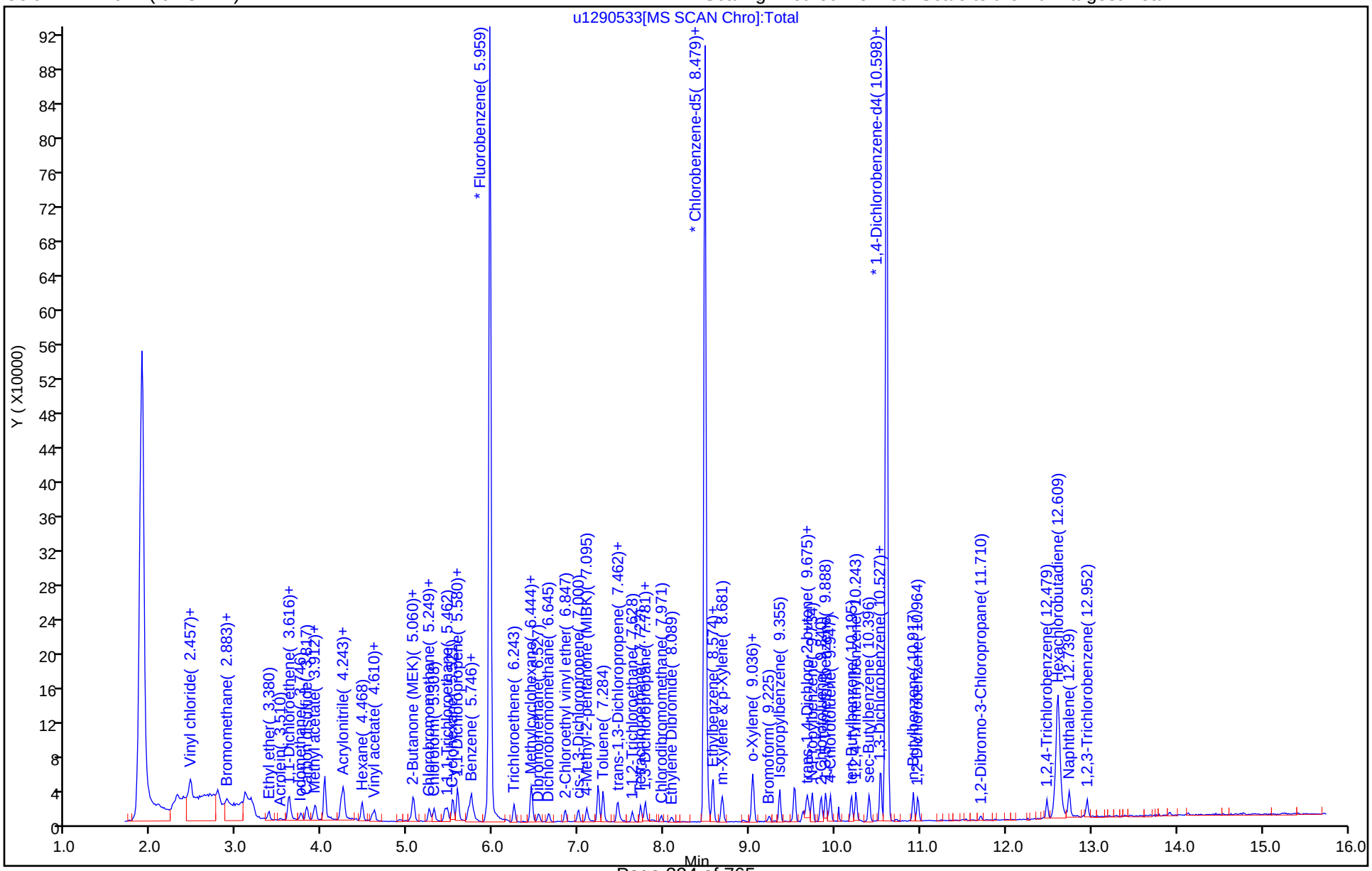
Report Date: 13-May-2022 07:59:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D

Injection Date:	12-May-2022 11:38:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L1			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Manual Integration/User Assign Peak Report

Eurofins Canton

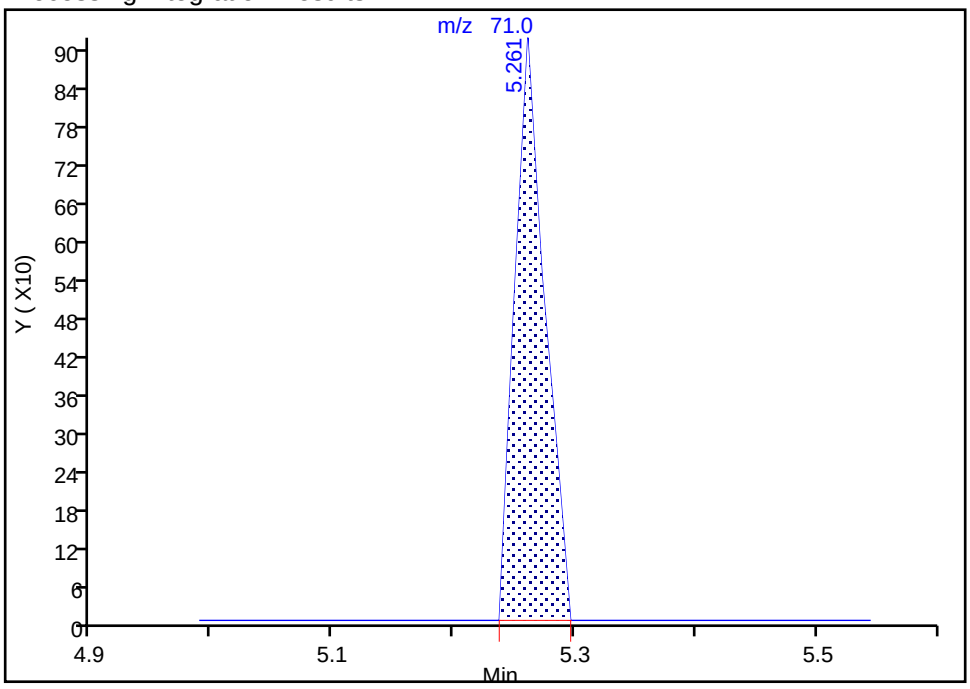
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Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

47 Tetrahydrofuran, CAS: 109-99-9

Signal: 2

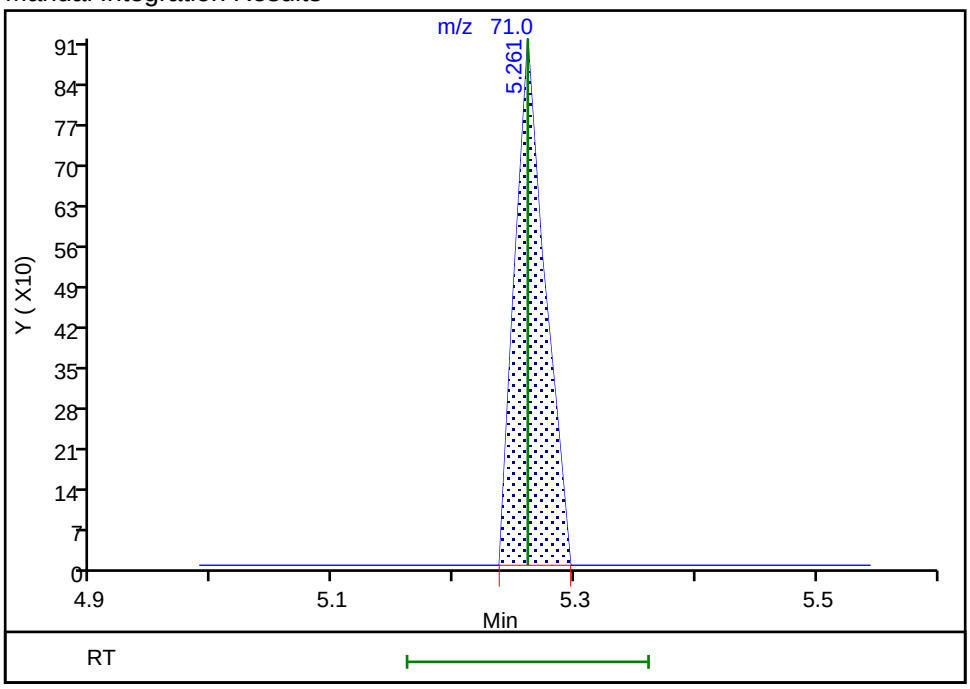
Processing Integration Results

RT: 5.26
Area: 1571
Amount: 1.188286
Amount Units: ug/l



Manual Integration Results

RT: 5.26
Area: 1571
Amount: 1.145720
Amount Units: ug/l



Reviewer: laveyt, 12-May-2022 14:51:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

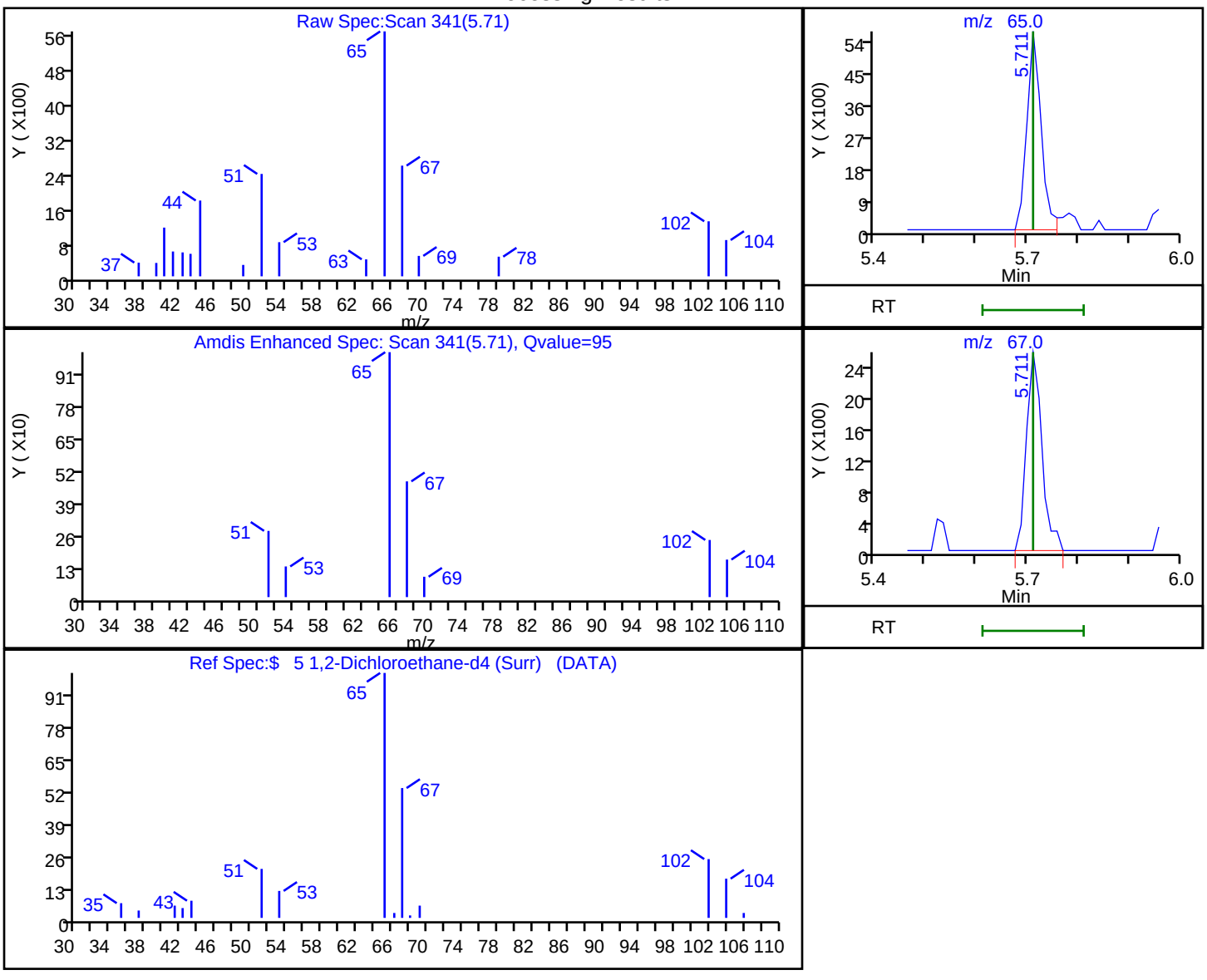
User Disabled Compound Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D
Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 5 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Processing Results



RT	Mass	Response	Amount
5.71	65.00	11073	0.748773
5.71	67.00	5449	

Reviewer: laveyt, 12-May-2022 13:21:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

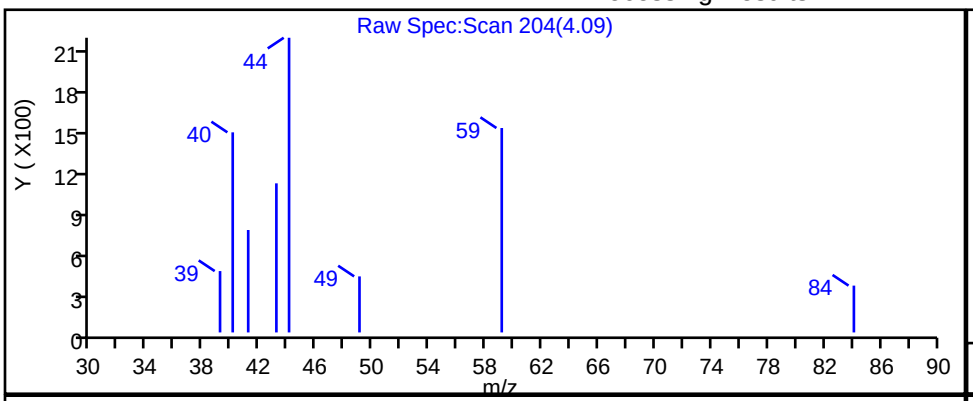
User Disabled Compound Report

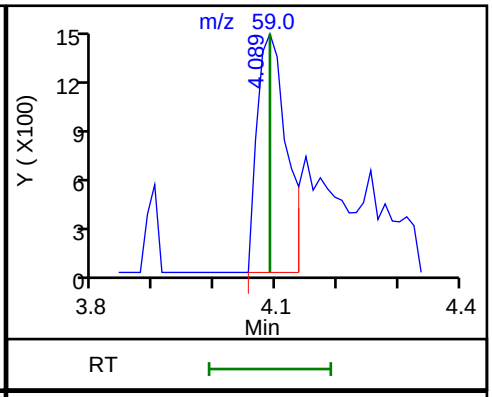
Eurofins Canton

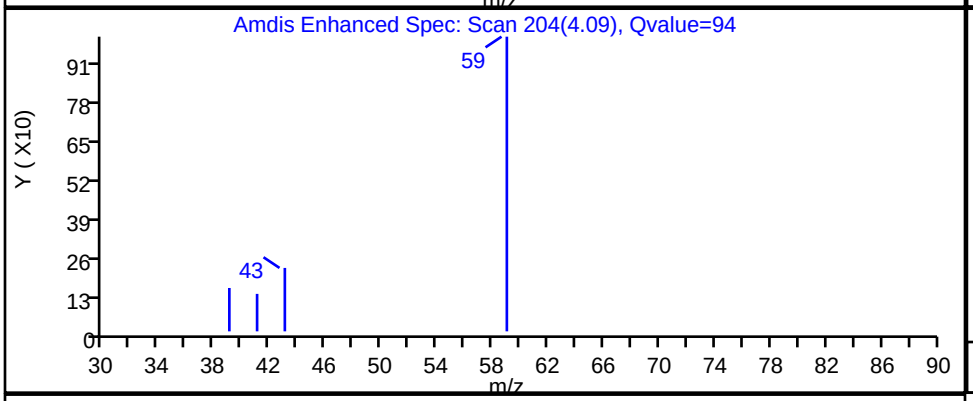
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Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

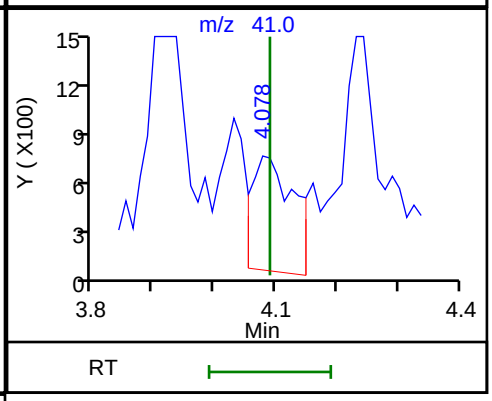
30 2-Methyl-2-propanol, CAS: 75-65-0

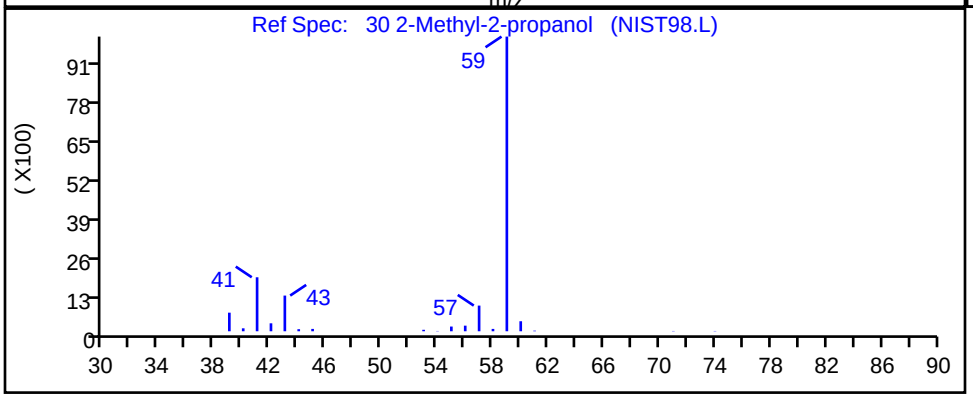
Processing Results











RT	Mass	Response	Amount
4.09	59.00	4915	5.705539
4.08	41.00	3556	

Reviewer: laveyt, 12-May-2022 14:56:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

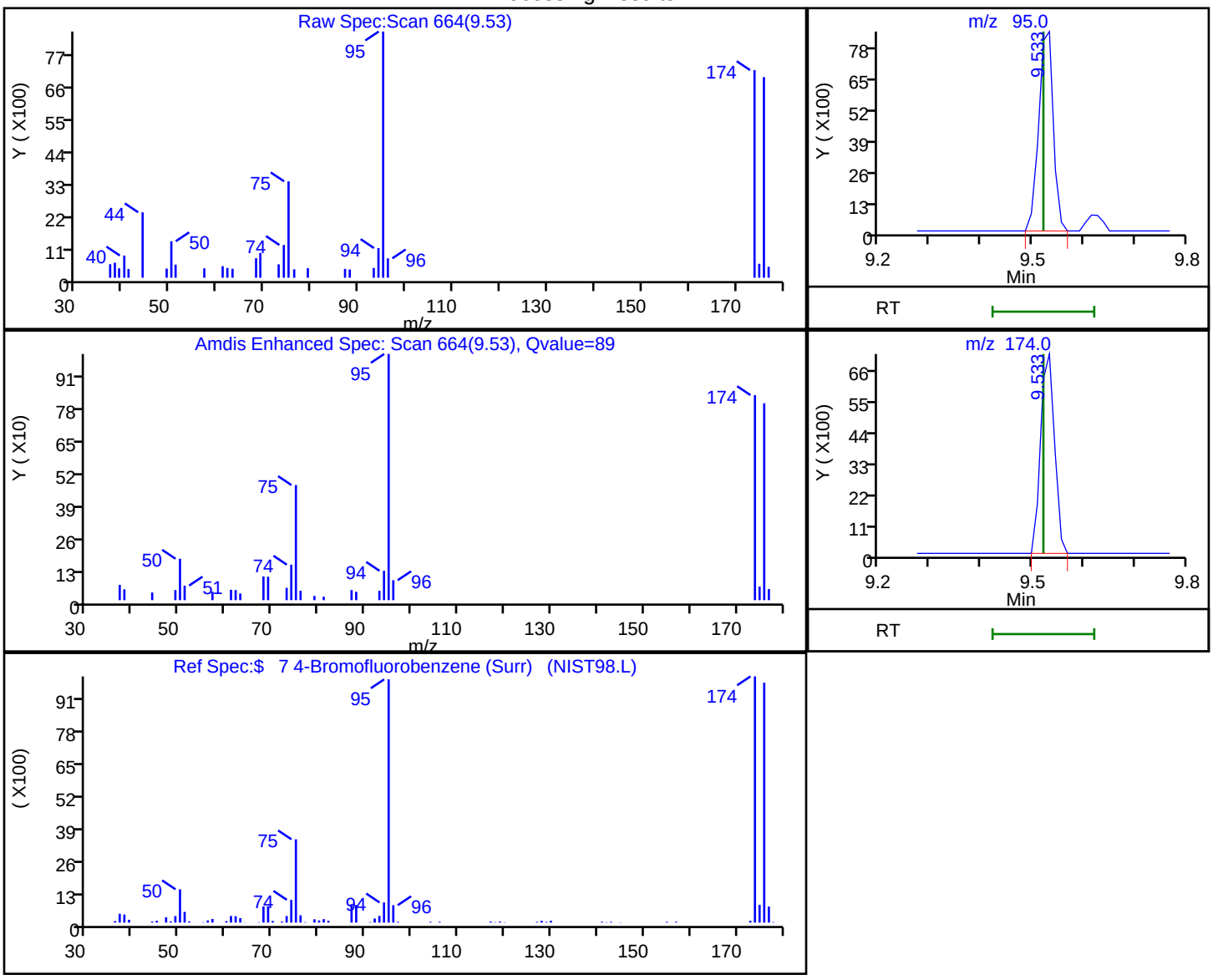
User Disabled Compound Report

Eurofins Canton

Data File:	\\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D				
Injection Date:	12-May-2022 11:38:30	Instrument ID:	A3UX12		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	1904	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

$ 7 4-Bromofluorobenzene (Surr), CAS: 460-00-4

Processing Results



RT	Mass	Response	Amount
9.53	95.00	16887	0.846175
9.53	174.00	13592	

Reviewer: laveyt, 12-May-2022 13:21:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

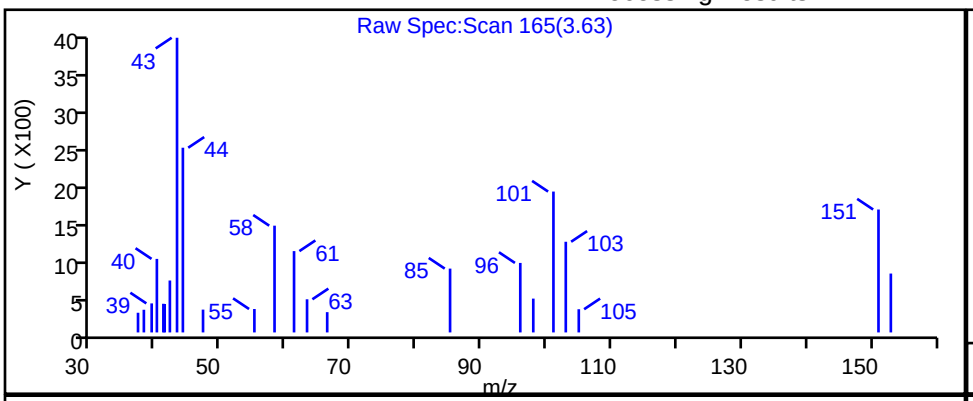
User Disabled Compound Report

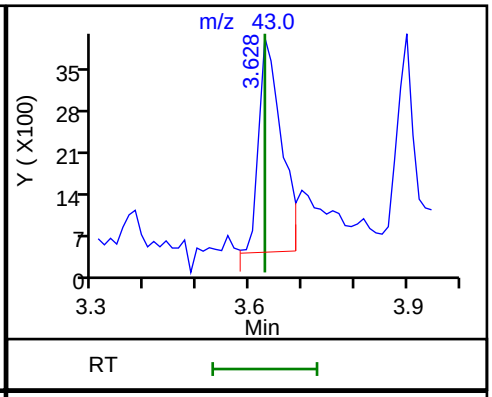
Eurofins Canton

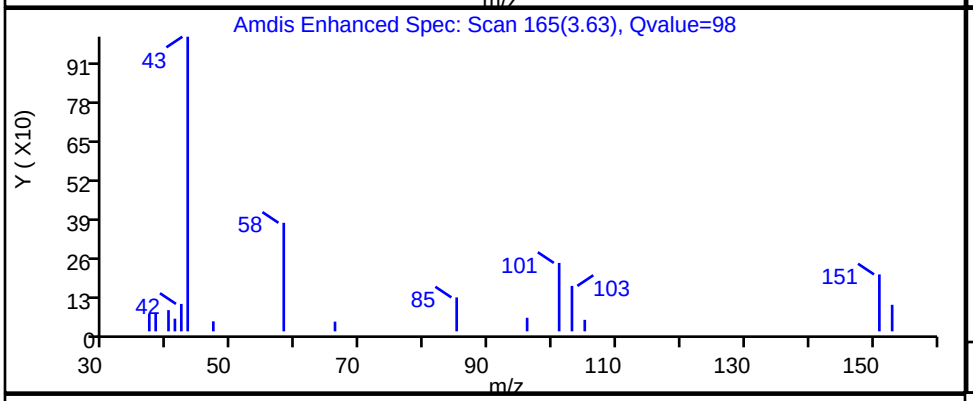
Data File:	\\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D				
Injection Date:	12-May-2022 11:38:30	Instrument ID:	A3UX12		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	1904	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

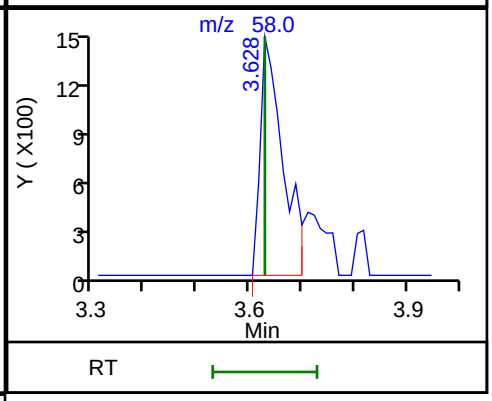
23 Acetone, CAS: 67-64-1

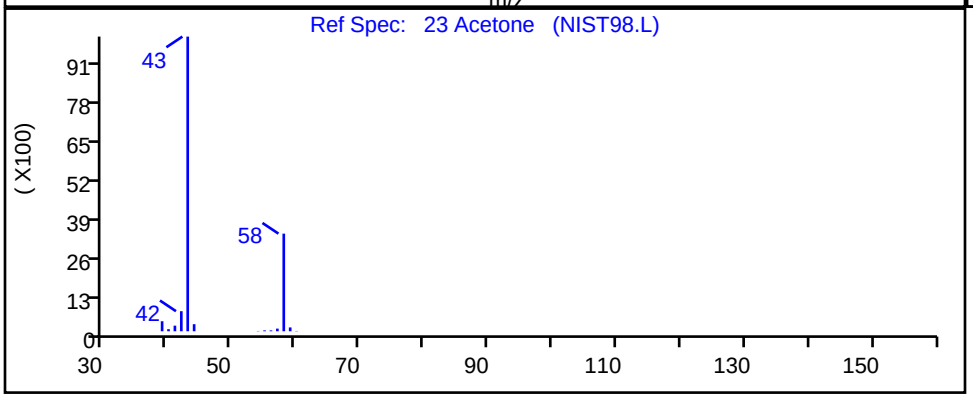
Processing Results











RT	Mass	Response	Amount
3.63	43.00	10932	
3.63	58.00	4295	1.881275

Reviewer: laveyt, 12-May-2022 13:21:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

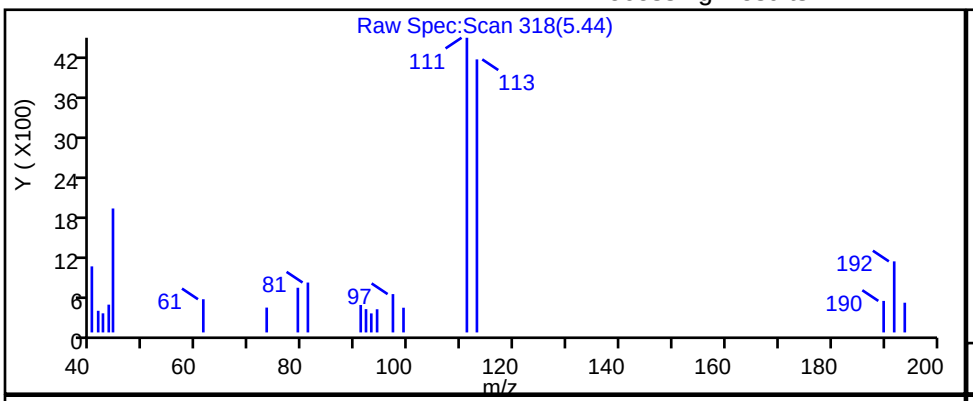
User Disabled Compound Report

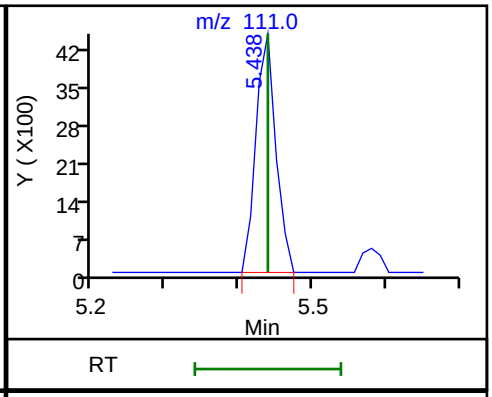
Eurofins Canton

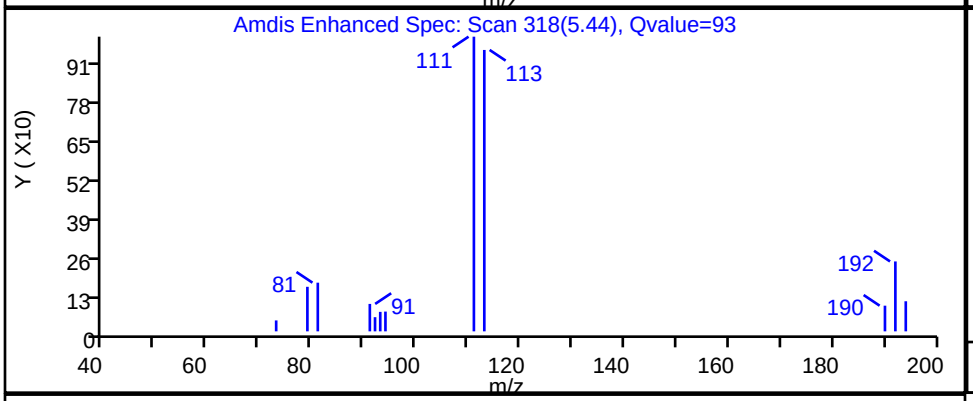
Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D
Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

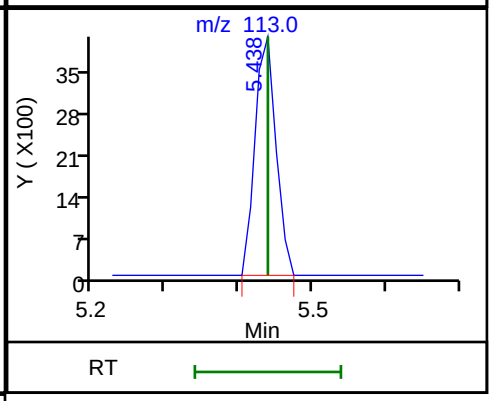
$ 4 Dibromofluoromethane (Surr), CAS: 1868-53-7

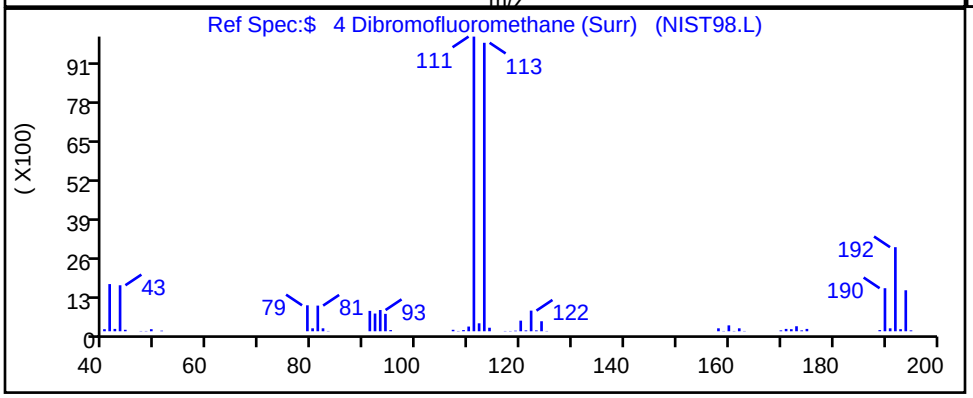
Processing Results











RT	Mass	Response	Amount
5.44	111.00	8355	0.704765
5.44	113.00	8150	

Reviewer: laveyt, 12-May-2022 13:21:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

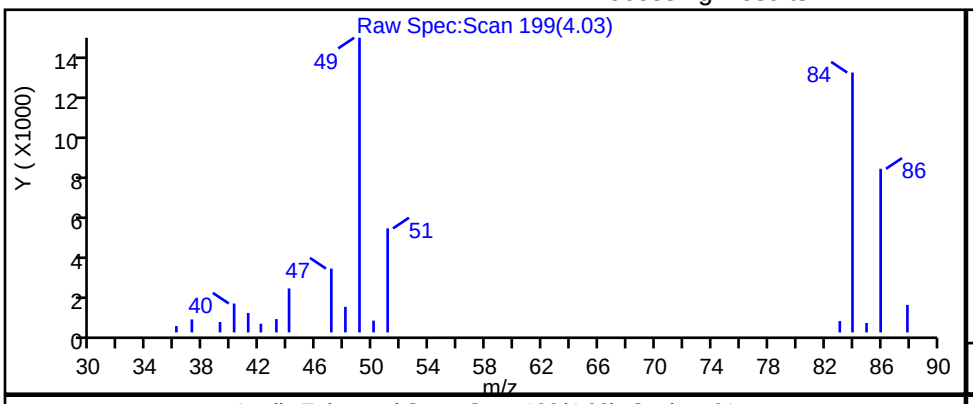
User Disabled Compound Report

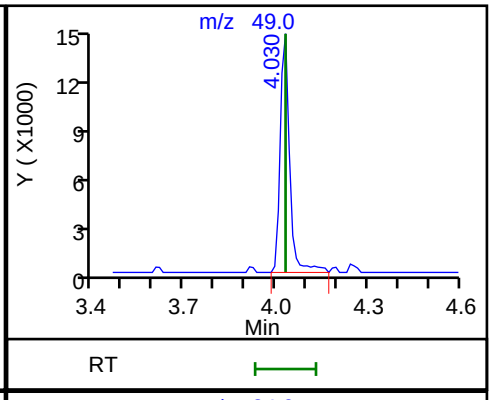
Eurofins Canton

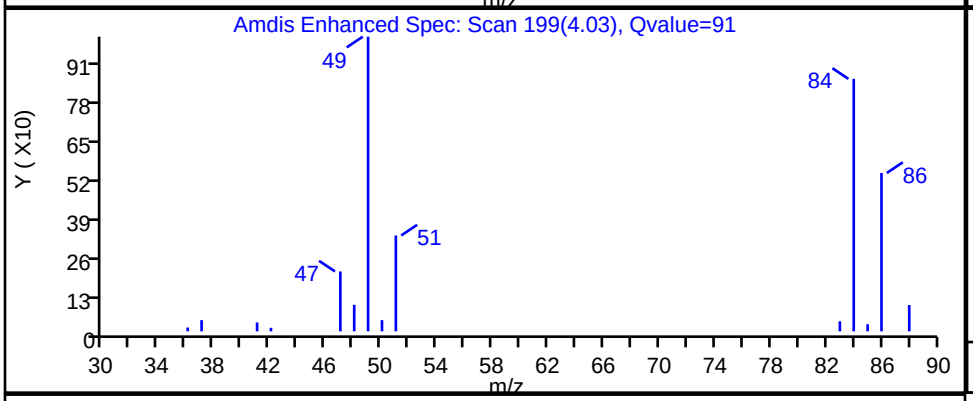
Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D
Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

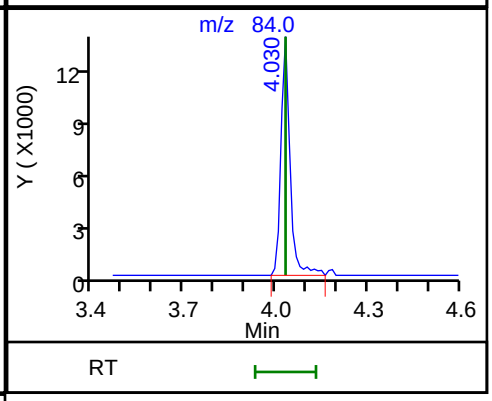
29 Methylene Chloride, CAS: 75-09-2

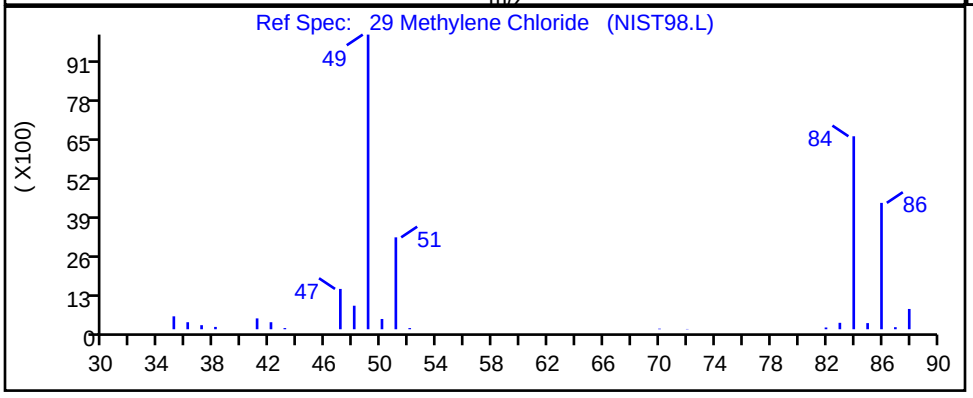
Processing Results











RT	Mass	Response	Amount
4.03	49.00	32199	0.918525
4.03	84.00	27323	

Reviewer: laveyt, 12-May-2022 13:21:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

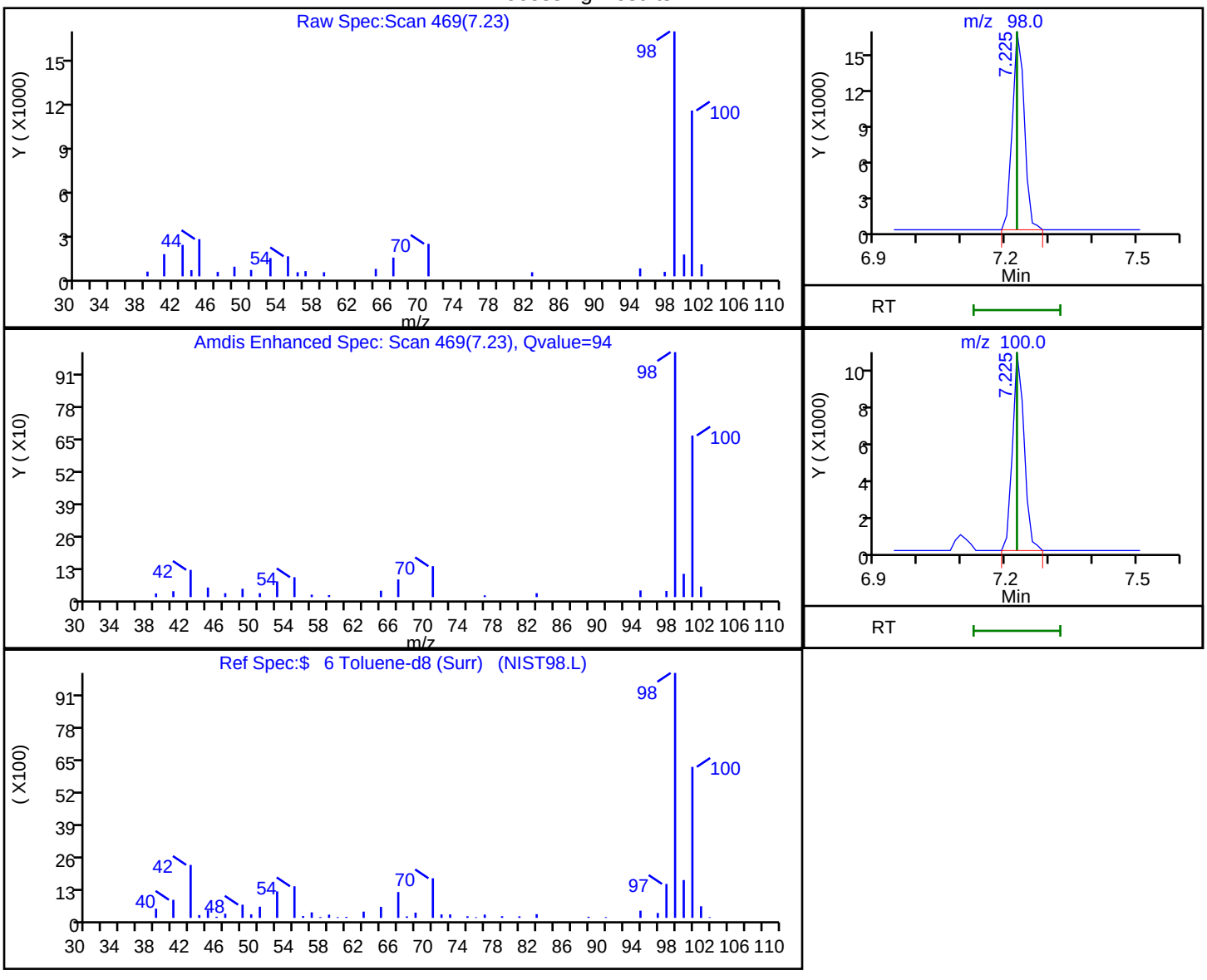
User Disabled Compound Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290533.D
Injection Date: 12-May-2022 11:38:30 Instrument ID: A3UX12
Lims ID: std8260 L1
Client ID:
Operator ID: 1904 ALS Bottle#: 5 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

$ 6 Toluene-d8 (Surr), CAS: 2037-26-5

Processing Results



RT	Mass	Response	Amount
7.23	98.00	30737	0.686483
7.23	100.00	20237	

Reviewer: laveyt, 12-May-2022 13:21:22
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290534.D
Lims ID: std8260 L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-May-2022 12:01:30 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-010
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:07 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 12:57:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	99	905873	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	647558	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	341400	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	92	11195	1.00	1.09	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.711	-0.001	94	13619	1.00	1.15	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	44516	1.00	1.03	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	92	19222	1.00	1.19	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	17409	1.00	1.02	
10 Chloromethane	50	2.302	2.303	-0.001	99	21401	1.00	1.05	
12 Vinyl chloride	62	2.433	2.433	0.000	98	19493	1.00	1.00	
11 Butadiene	54	2.456	2.457	-0.001	89	22505	1.00	1.08	
14 Bromomethane	94	2.799	2.788	0.011	91	14658	1.00	1.17	
15 Chloroethane	64	2.882	2.883	0.000	99	12376	1.00	0.9875	
16 Dichlorofluoromethane	67	3.107	3.096	0.011	97	29126	1.00	1.05	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	97	21549	1.00	0.99	
19 Ethyl ether	59	3.379	3.379	0.000	87	9388	1.00	0.99	
20 Acrolein	56	3.509	3.510	-0.001	96	5811	5.00	5.44	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	18995	1.00	0.9503	
22 112TCTFE	101	3.616	3.616	0.000	94	12325	1.00	0.9575	
23 Acetone	58	3.640	3.628	0.012	99	4905	2.00	2.86	
24 Iodomethane	142	3.758	3.758	0.000	97	18420	1.00	0.9899	
25 Carbon disulfide	76	3.817	3.817	0.000	99	40978	1.00	1.01	
28 Methyl acetate	43	3.900	3.900	0.000	96	20536	2.00	1.90	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	89	24191	1.00	0.9468	
29 Methylene Chloride	49	4.030	4.030	0.000	91	37259	1.00	0.8074	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	96	14222	10.0	11.0	
31 Acrylonitrile	53	4.219	4.220	-0.001	99	46072	10.0	11.9	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	96	36894	1.00	1.07	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	18299	1.00	0.9697	
34 Hexane	57	4.468	4.468	0.000	91	17333	1.00	0.9193	
36 Vinyl acetate	43	4.586	4.586	0.000	98	22307	1.00	1.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	21882	1.00	0.9701	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	98	3424	2.00	2.45	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	84	13983	1.00	1.01	
40 2,2-Dichloropropane	77	5.071	5.072	-0.001	87	13809	1.00	0.9334	
46 Chlorobromomethane	49	5.249	5.249	0.000	96	9968	1.00	0.9164	
47 Tetrahydrofuran	42	5.261	5.261	0.000	89	10097	2.00	2.48	
48 Chloroform	83	5.308	5.308	0.000	93	21418	1.00	1.02	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	96	17353	1.00	0.9028	
50 Cyclohexane	84	5.521	5.533	-0.012	86	20617	1.00	0.9386	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	17928	1.00	0.9489	
53 Isobutyl alcohol	41	5.592	5.592	0.000	82	11091	25.0	24.7	
52 Carbon tetrachloride	117	5.592	5.592	0.000	93	13644	1.00	0.8927	
54 Benzene	78	5.746	5.746	0.000	97	50140	1.00	0.9701	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	15611	1.00	1.03	
57 n-Heptane	57	5.959	5.924	0.035	86	35479	1.00	2.93	a
59 Trichloroethene	130	6.243	6.243	0.000	97	13072	1.00	0.9495	
61 Methylcyclohexane	83	6.444	6.444	0.000	90	19455	1.00	0.8754	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	91	11085	1.00	0.9688	
65 1,4-Dioxane	88	6.539	6.503	0.036	28	1879	20.0	24.3	
64 Dibromomethane	174	6.539	6.539	0.000	91	7796	1.00	1.02	
66 Dichlorobromomethane	83	6.645	6.645	0.000	98	15469	1.00	1.05	
68 2-Chloroethyl vinyl ether	63	6.846	6.847	-0.001	92	15267	2.00	2.04	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	94	18080	1.00	0.9790	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	30541	2.00	2.41	
71 Toluene	91	7.284	7.284	0.000	98	53101	1.00	1.00	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	95	16919	1.00	0.99	
74 Ethyl methacrylate	69	7.462	7.462	0.000	88	15578	1.00	1.03	
75 1,1,2-Trichloroethane	97	7.627	7.628	-0.001	91	9787	1.00	1.01	
76 Tetrachloroethene	166	7.722	7.722	0.000	97	14243	1.00	1.06	
77 1,3-Dichloropropane	76	7.769	7.770	-0.001	94	18576	1.00	1.06	
78 2-Hexanone	43	7.781	7.781	0.000	95	22376	2.00	2.47	
80 Chlorodibromomethane	129	7.970	7.971	-0.001	90	9819	1.00	0.9784	
81 Ethylene Dibromide	107	8.089	8.089	0.000	96	10362	1.00	1.03	
83 Chlorobenzene	112	8.503	8.503	0.000	94	33460	1.00	1.03	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	42	10118	1.00	0.9457	
85 Ethylbenzene	106	8.574	8.574	0.000	98	18103	1.00	0.99	
86 m-Xylene & p-Xylene	106	8.680	8.681	-0.001	98	21049	1.00	0.9445	
87 o-Xylene	106	9.035	9.036	-0.001	95	20922	1.00	0.9824	
88 Styrene	104	9.047	9.047	0.000	94	34221	1.00	0.9683	
89 Bromoform	173	9.237	9.237	0.000	96	6886	1.00	0.9896	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	52512	1.00	0.9411	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	14598	1.00	1.06	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	73	5174	1.00	1.13	
92 Bromobenzene	156	9.674	9.675	-0.001	98	13866	1.00	1.02	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	81	4728	1.00	1.08	
96 N-Propylbenzene	120	9.734	9.734	0.000	99	14247	1.00	0.9537	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	12496	1.00	0.9813	
98 1,3,5-Trimethylbenzene	105	9.887	9.888	-0.001	94	41317	1.00	0.9459	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	13349	1.00	1.00	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	35755	1.00	0.9598	
104 1,2,4-Trimethylbenzene	105	10.242	10.243	-0.001	96	41596	1.00	0.9418	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	48208	1.00	0.9281	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.526	10.527	-0.001	97	41597	1.00	0.9310	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	77	25218	1.00	0.9770	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	27165	1.00	1.03	
111 n-Butylbenzene	91	10.917	10.917	0.000	97	34512	1.00	0.9006	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	97	24038	1.00	1.00	
113 1,2-Dibromo-3-Chloropropane	157	11.698	11.710	-0.012	80	3504	1.00	1.04	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	14511	1.00	0.9568	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	93	5472	1.00	0.9614	
117 Naphthalene	128	12.739	12.739	0.000	97	49703	1.00	1.05	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	14546	1.00	1.02	
S 124 Trihalomethanes, Total	1				0		4.00	4.04	
S 125 Total BTEX	1				0		5.00	4.88	
S 126 1,2-Dichloroethene, Total	96				0			1.98	
S 127 1,3-Dichloropropene, Total	75				0			1.97	
S 128 Xylenes, Total	106				0		2.00	1.93	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	0.80	Units: uL
vmarolistdw_00436	Amount Added:	0.80	Units: uL
vmrprimw_00481	Amount Added:	0.80	Units: uL
vm50ss_stk_00091	Amount Added:	0.80	Units: uL

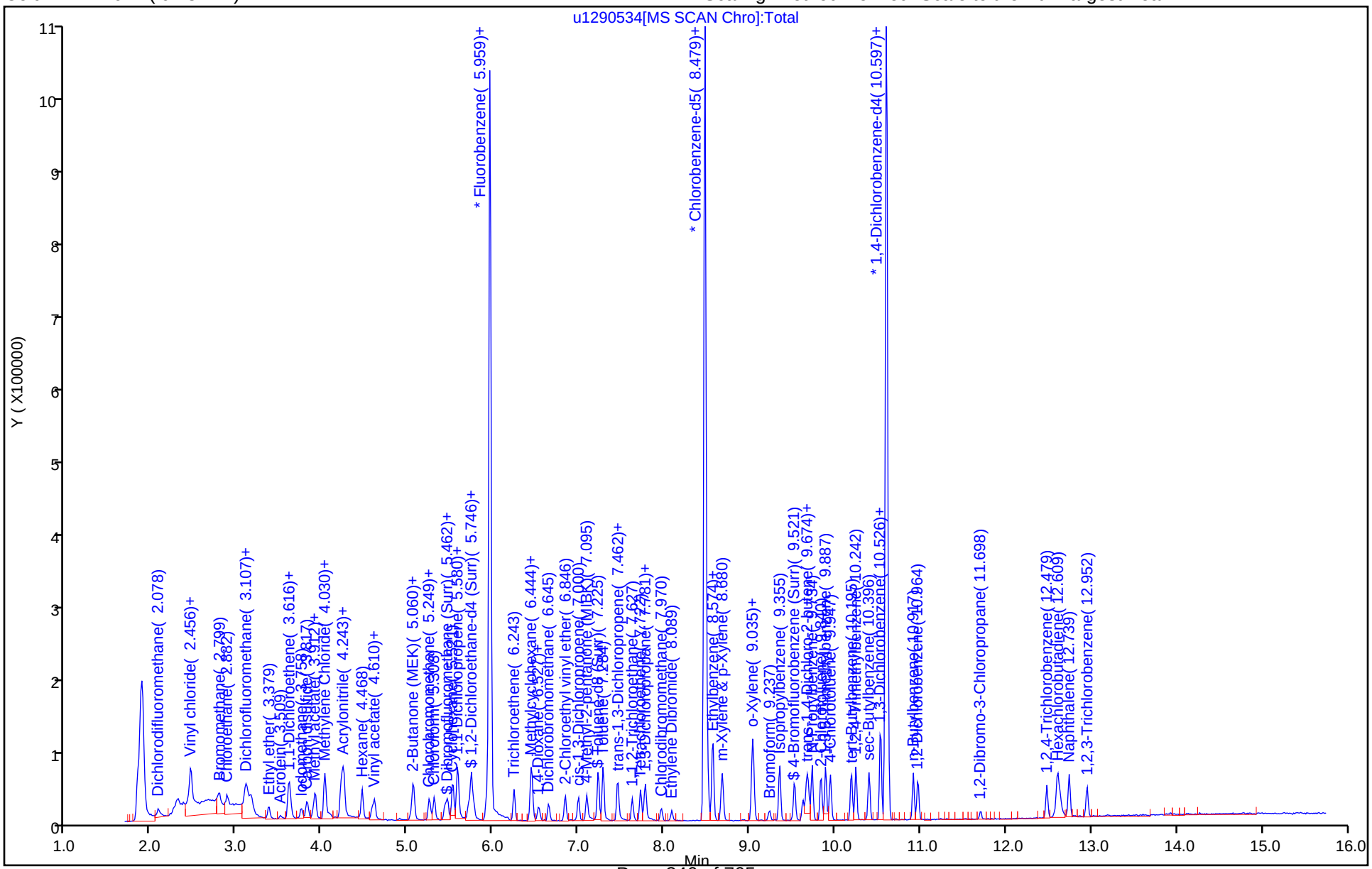
Report Date: 13-May-2022 07:59:07 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290534.D

Injection Date:	12-May-2022 12:01:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L2			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Manual Integration/User Assign Peak Report

Eurofins Canton

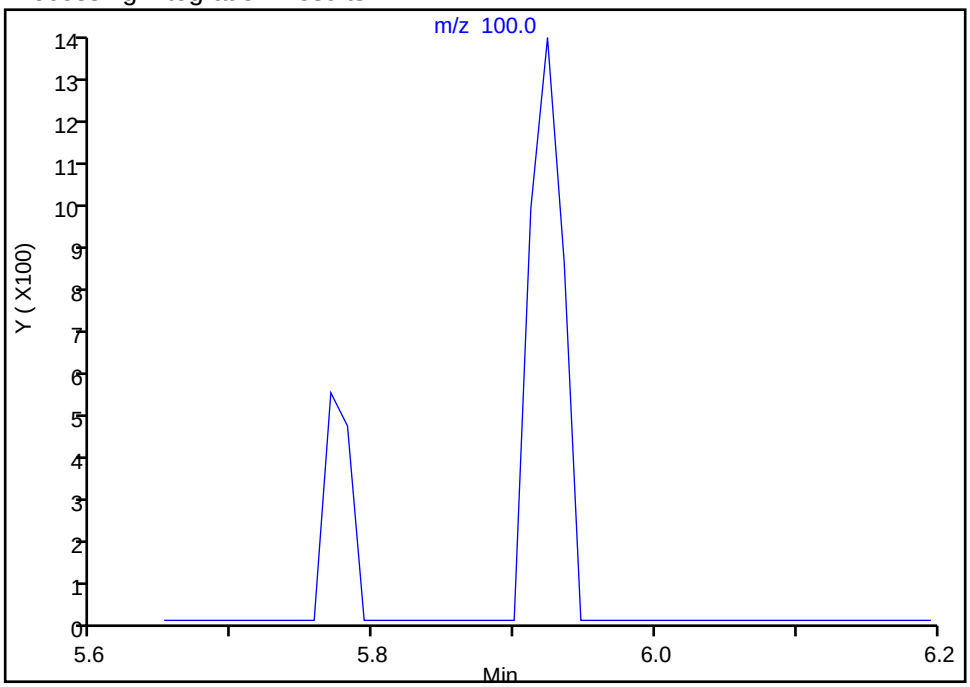
Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290534.D
Injection Date: 12-May-2022 12:01:30 Instrument ID: A3UX12
Lims ID: std8260 L2
Client ID:
Operator ID: 1904 ALS Bottle#: 6 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Column: DB-624 (0.18 mm) Detector MS SCAN

57 n-Heptane, CAS: 142-82-5

Signal: 1

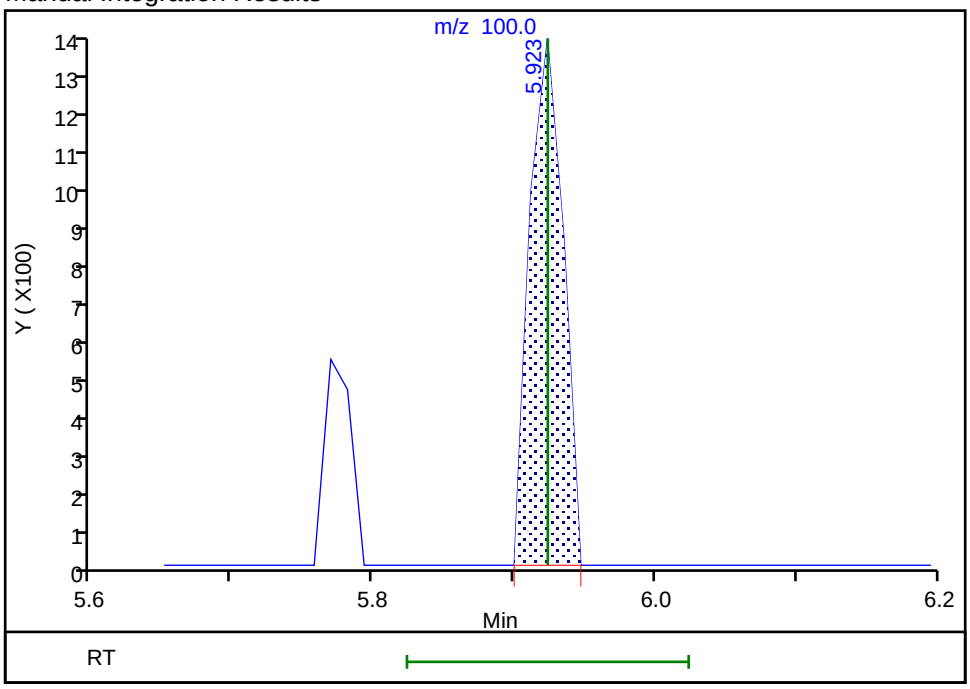
Not Detected
Expected RT: 5.92

Processing Integration Results



Manual Integration Results

RT: 5.92
Area: 2224
Amount: 2.927172
Amount Units: ug/l



Reviewer: laveyt, 12-May-2022 13:16:54
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290535.D
Lims ID: std8260 L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-May-2022 12:23:30 ALS Bottle#: 7 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-011
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:12 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 12:59:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	99	856433	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	609187	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	327406	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	93	22162	2.00	2.28	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.711	-0.001	95	27873	2.00	2.49	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	85552	2.00	2.11	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	33303	2.00	2.20	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	36055	2.00	2.24	
10 Chloromethane	50	2.303	2.303	0.000	100	44206	2.00	2.29	
12 Vinyl chloride	62	2.433	2.433	0.000	98	41517	2.00	2.25	
11 Butadiene	54	2.456	2.457	-0.001	91	43917	2.00	2.22	
14 Bromomethane	94	2.800	2.788	0.012	92	26851	2.00	2.26	
15 Chloroethane	64	2.882	2.883	0.000	99	26435	2.00	2.23	
16 Dichlorofluoromethane	67	3.107	3.096	0.011	97	60736	2.00	2.31	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	98	46876	2.00	2.29	
19 Ethyl ether	59	3.379	3.379	0.000	91	18382	2.00	2.06	
20 Acrolein	56	3.510	3.510	0.000	98	11642	10.0	11.5	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	40650	2.00	2.15	
22 112TCTFE	101	3.616	3.616	0.000	89	24797	2.00	2.04	
23 Acetone	58	3.640	3.628	0.012	99	6273	4.00	4.48	
24 Iodomethane	142	3.758	3.758	0.000	97	38216	2.00	2.17	
25 Carbon disulfide	76	3.817	3.817	0.000	99	84489	2.00	2.19	
28 Methyl acetate	43	3.900	3.900	0.000	97	33192	4.00	4.24	
27 3-Chloro-1-propene	41	3.924	3.912	0.012	92	44260	2.00	2.28	
29 Methylene Chloride	49	4.030	4.030	0.000	91	53946	2.00	2.32	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	97	19348	20.0	17.9	
31 Acrylonitrile	53	4.219	4.220	-0.001	98	76928	20.0	21.0	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	96	69407	2.00	2.14	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	98	38037	2.00	2.13	
34 Hexane	57	4.468	4.468	0.000	92	34227	2.00	1.92	
36 Vinyl acetate	43	4.586	4.586	0.000	98	38202	2.00	1.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	46224	2.00	2.17	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	98	5525	4.00	4.18	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	83	27946	2.00	2.14	
40 2,2-Dichloropropane	77	5.071	5.072	-0.001	90	31473	2.00	2.25	
46 Chlorobromomethane	49	5.249	5.249	0.000	96	18681	2.00	2.26	
47 Tetrahydrofuran	42	5.261	5.261	0.000	88	18496	4.00	4.80	
48 Chloroform	83	5.308	5.308	0.000	93	42904	2.00	2.17	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	98	38443	2.00	2.12	
50 Cyclohexane	84	5.533	5.533	0.000	88	44709	2.00	2.15	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	96	36559	2.00	2.05	
53 Isobutyl alcohol	41	5.592	5.592	0.000	66	11902	50.0	28.3	
52 Carbon tetrachloride	117	5.592	5.592	0.000	96	29931	2.00	2.07	
54 Benzene	78	5.746	5.746	0.000	96	105000	2.00	2.15	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	29873	2.00	2.08	
57 n-Heptane	57	5.923	5.924	-0.001	86	14052	2.00	1.23	
59 Trichloroethene	130	6.243	6.243	0.000	97	26839	2.00	2.06	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	42693	2.00	2.03	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	93	22127	2.00	2.05	
65 1,4-Dioxane	88	6.503	6.503	0.000	30	2293	40.0	31.3	
64 Dibromomethane	174	6.539	6.539	0.000	91	15465	2.00	2.14	
66 Dichlorobromomethane	83	6.645	6.645	0.000	99	27594	2.00	1.98	
68 2-Chloroethyl vinyl ether	63	6.846	6.847	-0.001	92	28218	4.00	4.00	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	34706	2.00	1.99	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	49834	4.00	4.16	
71 Toluene	91	7.284	7.284	0.000	99	104486	2.00	2.08	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	98	32189	2.00	2.01	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	28369	2.00	2.00	
75 1,1,2-Trichloroethane	97	7.627	7.628	-0.001	91	18984	2.00	2.09	
76 Tetrachloroethene	166	7.722	7.722	0.000	97	25037	2.00	1.98	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	95	33669	2.00	2.04	
78 2-Hexanone	43	7.781	7.781	0.000	95	35812	4.00	4.20	
80 Chlorodibromomethane	129	7.971	7.971	0.000	89	19342	2.00	2.05	
81 Ethylene Dibromide	107	8.089	8.089	0.000	96	19468	2.00	2.06	
83 Chlorobenzene	112	8.503	8.503	0.000	94	63226	2.00	2.07	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	43	21613	2.00	2.15	
85 Ethylbenzene	106	8.574	8.574	0.000	98	36029	2.00	2.10	
86 m-Xylene & p-Xylene	106	8.680	8.681	-0.001	99	43010	2.00	2.05	
87 o-Xylene	106	9.035	9.036	-0.001	97	42252	2.00	2.11	
88 Styrene	104	9.047	9.047	0.000	94	66356	2.00	2.00	
89 Bromoform	173	9.237	9.237	0.000	96	12513	2.00	1.91	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	107689	2.00	2.05	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	26615	2.00	2.02	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	77	9035	2.00	2.05	
92 Bromobenzene	156	9.674	9.675	-0.001	96	26798	2.00	2.06	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	82	8879	2.00	2.12	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	28367	2.00	1.98	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	24584	2.00	2.01	
98 1,3,5-Trimethylbenzene	105	9.887	9.888	-0.001	94	84764	2.00	2.02	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	26087	2.00	2.04	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	70774	2.00	1.98	
104 1,2,4-Trimethylbenzene	105	10.242	10.243	-0.001	96	84854	2.00	2.00	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	100199	2.00	2.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	85737	2.00	2.00	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	74	51059	2.00	2.06	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	53645	2.00	2.11	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	74156	2.00	2.02	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	97	48879	2.00	2.13	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	81	6288	2.00	1.95	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	29702	2.00	2.04	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	95	11633	2.00	2.13	
117 Naphthalene	128	12.739	12.739	0.000	97	92782	2.00	2.05	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	28203	2.00	2.06	
S 124 Trihalomethanes, Total	1				0		8.00	8.11	
S 125 Total BTEX	1				0		10.0	10.5	
S 126 1,2-Dichloroethene, Total	96				0			4.27	
S 127 1,3-Dichloropropene, Total	75				0			4.00	
S 128 Xylenes, Total	106				0		4.00	4.16	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	1.60	Units: uL
vmarolistdw_00436	Amount Added:	1.60	Units: uL
vmrprimw_00481	Amount Added:	1.60	Units: uL
vm50ss_stk_00091	Amount Added:	1.60	Units: uL

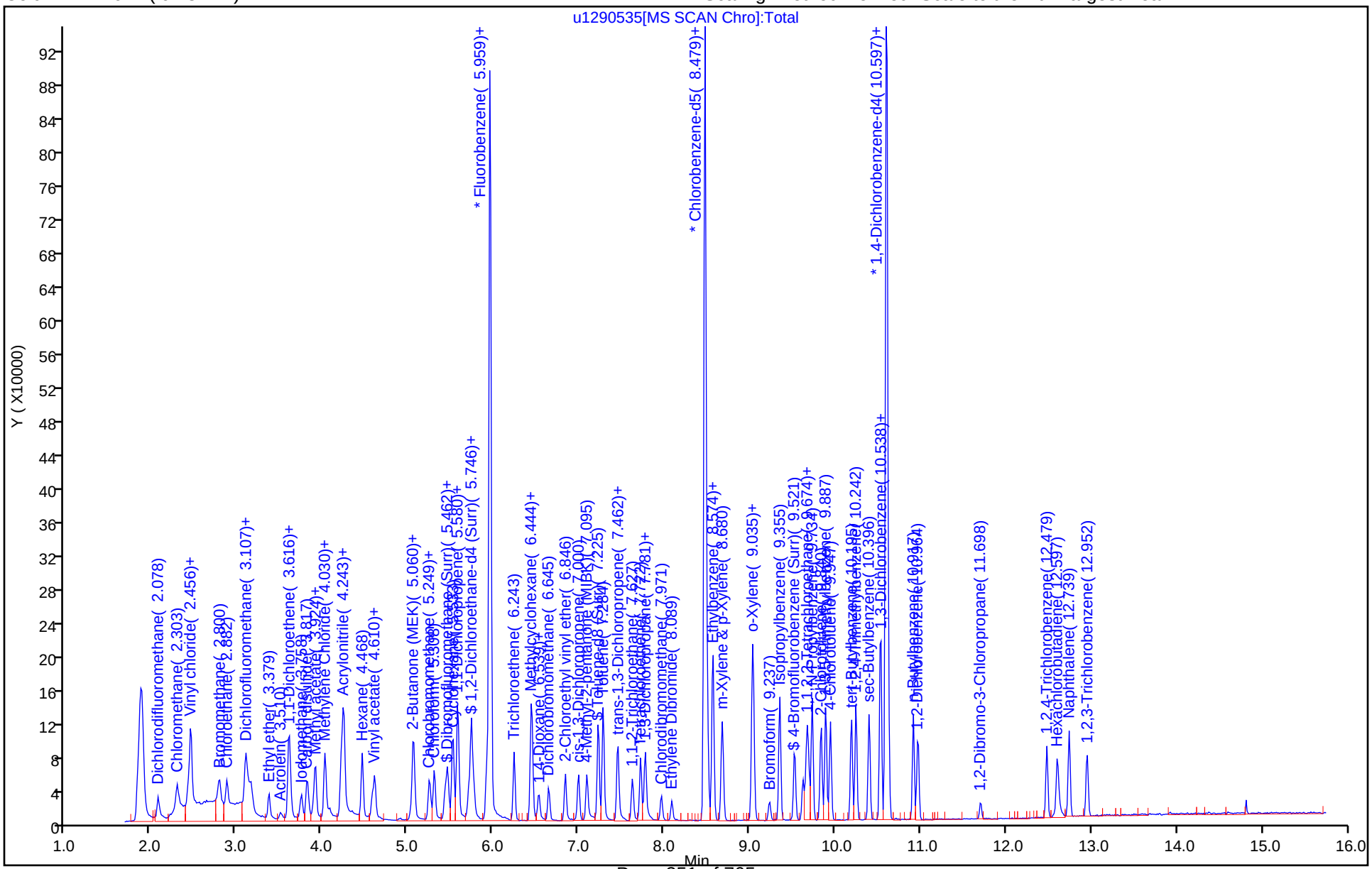
Report Date: 13-May-2022 07:59:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290535.D

Injection Date:	12-May-2022 12:23:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L3			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290536.D
Lims ID: std8260 L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-May-2022 12:45:30 ALS Bottle#: 8 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-012
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:17 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 13:09:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	99	911641	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	87	655950	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	337420	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	99100	10.0	9.57	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	95	111914	10.0	9.41	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	437903	10.0	10.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	154333	10.0	9.45	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	155344	10.0	9.06	
10 Chloromethane	50	2.303	2.303	0.000	100	195382	10.0	9.50	
12 Vinyl chloride	62	2.433	2.433	0.000	98	184388	10.0	9.41	
11 Butadiene	54	2.468	2.468	0.000	91	189047	10.0	8.99	
14 Bromomethane	94	2.800	2.800	0.000	90	118772	10.0	9.41	
15 Chloroethane	64	2.894	2.894	0.000	100	120866	10.0	9.58	
16 Dichlorofluoromethane	67	3.107	3.107	0.000	98	264190	10.0	9.46	
17 Trichlorofluoromethane	101	3.119	3.119	0.000	99	199849	10.0	9.15	
19 Ethyl ether	59	3.367	3.367	0.000	91	91992	10.0	9.68	
20 Acrolein	56	3.509	3.509	0.000	98	45583	50.0	42.4	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	193992	10.0	9.64	
22 112TCTFE	101	3.616	3.616	0.000	92	124086	10.0	9.58	
23 Acetone	58	3.628	3.628	0.000	100	21117	20.0	18.4	
24 Iodomethane	142	3.758	3.758	0.000	97	174685	10.0	9.33	
25 Carbon disulfide	76	3.817	3.817	0.000	99	377341	10.0	9.20	
28 Methyl acetate	43	3.888	3.888	0.000	96	141654	20.0	21.2	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	91	187886	10.0	10.5	
29 Methylene Chloride	49	4.030	4.030	0.000	92	151981	10.0	9.49	
30 2-Methyl-2-propanol	59	4.077	4.077	0.000	99	88716	100.0	96.1	
31 Acrylonitrile	53	4.219	4.219	0.000	99	372847	100.0	95.6	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	276671	10.0	8.00	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	186015	10.0	9.79	
34 Hexane	57	4.468	4.468	0.000	92	184615	10.0	9.73	
36 Vinyl acetate	43	4.586	4.586	0.000	97	193971	10.0	9.40	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	217877	10.0	9.60	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	26054	20.0	18.5	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	129324	10.0	9.29	
40 2,2-Dichloropropane	77	5.071	5.071	0.000	89	127839	10.0	8.59	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	77782	10.0	10.1	
47 Tetrahydrofuran	42	5.261	5.261	0.000	88	78879	20.0	19.2	
48 Chloroform	83	5.308	5.308	0.000	93	199130	10.0	9.47	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	99	178194	10.0	9.21	
50 Cyclohexane	84	5.533	5.533	0.000	86	213941	10.0	9.68	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	185884	10.0	9.78	
53 Isobutyl alcohol	41	5.592	5.592	0.000	68	90482	250.0	220.8	
52 Carbon tetrachloride	117	5.592	5.592	0.000	96	144217	10.0	9.38	
54 Benzene	78	5.746	5.746	0.000	96	508850	10.0	9.78	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	149558	10.0	9.78	
57 n-Heptane	57	5.923	5.923	0.000	93	100751	10.0	8.26	
59 Trichloroethene	130	6.243	6.243	0.000	98	135071	10.0	9.75	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	213998	10.0	9.57	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	95	115650	10.0	10.0	
65 1,4-Dioxane	88	6.503	6.503	0.000	85	17800	200.0	228.4	
64 Dibromomethane	174	6.539	6.539	0.000	96	73753	10.0	9.58	
66 Dichlorobromomethane	83	6.645	6.645	0.000	99	146121	10.0	9.85	
68 2-Chloroethyl vinyl ether	63	6.846	6.846	0.000	92	151533	20.0	20.2	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	186210	10.0	10.0	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	234858	20.0	18.4	
71 Toluene	91	7.284	7.284	0.000	98	530624	10.0	9.82	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	168688	10.0	9.79	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	147602	10.0	9.68	
75 1,1,2-Trichloroethane	97	7.627	7.627	0.000	90	97193	10.0	9.92	
76 Tetrachloroethene	166	7.722	7.722	0.000	96	132697	10.0	9.74	
77 1,3-Dichloropropane	76	7.769	7.769	0.000	96	174370	10.0	9.80	
78 2-Hexanone	43	7.781	7.781	0.000	95	169736	20.0	18.5	
80 Chlorodibromomethane	129	7.970	7.970	0.000	91	97911	10.0	9.63	
81 Ethylene Dibromide	107	8.089	8.089	0.000	100	99009	10.0	9.71	
83 Chlorobenzene	112	8.503	8.503	0.000	95	324495	10.0	9.85	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	46	101110	10.0	9.33	
85 Ethylbenzene	106	8.574	8.574	0.000	98	183362	10.0	9.91	
86 m-Xylene & p-Xylene	106	8.680	8.680	0.000	98	224388	10.0	9.94	
87 o-Xylene	106	9.035	9.035	0.000	97	207296	10.0	9.61	
88 Styrene	104	9.047	9.047	0.000	94	351213	10.0	9.81	
89 Bromoform	173	9.237	9.237	0.000	97	67043	10.0	9.51	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	550993	10.0	9.75	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	130115	10.0	9.60	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	88	45020	10.0	9.93	
92 Bromobenzene	156	9.674	9.674	0.000	96	130957	10.0	9.78	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	82	42200	10.0	9.79	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	146007	10.0	9.89	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	123205	10.0	9.79	
98 1,3,5-Trimethylbenzene	105	9.887	9.887	0.000	95	423560	10.0	9.81	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	129997	10.0	9.84	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	368704	10.0	10.0	
104 1,2,4-Trimethylbenzene	105	10.242	10.242	0.000	96	430331	10.0	9.86	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	511446	10.0	9.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.538	0.000	97	430564	10.0	9.75	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	74	246714	10.0	9.67	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	94	250470	10.0	9.58	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	361904	10.0	9.56	
112 1,2-Dichlorobenzene	146	10.976	10.976	0.000	98	224578	10.0	9.49	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	87	30351	10.0	9.12	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	130259	10.0	8.69	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	96	50945	10.0	9.06	
117 Naphthalene	128	12.739	12.739	0.000	97	408864	10.0	8.78	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	97	123555	10.0	8.76	
S 124 Trihalomethanes, Total	1				0		40.0	38.5	
S 125 Total BTEX	1				0		50.0	49.1	
S 126 1,2-Dichloroethene, Total	96				0			19.1	
S 127 1,3-Dichloropropene, Total	75				0			19.8	
S 128 Xylenes, Total	106				0		20.0	19.5	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	8.00	Units: uL
vmarolistdw_00436	Amount Added:	8.00	Units: uL
vmrprimw_00481	Amount Added:	8.00	Units: uL
vm50ss_stk_00091	Amount Added:	8.00	Units: uL

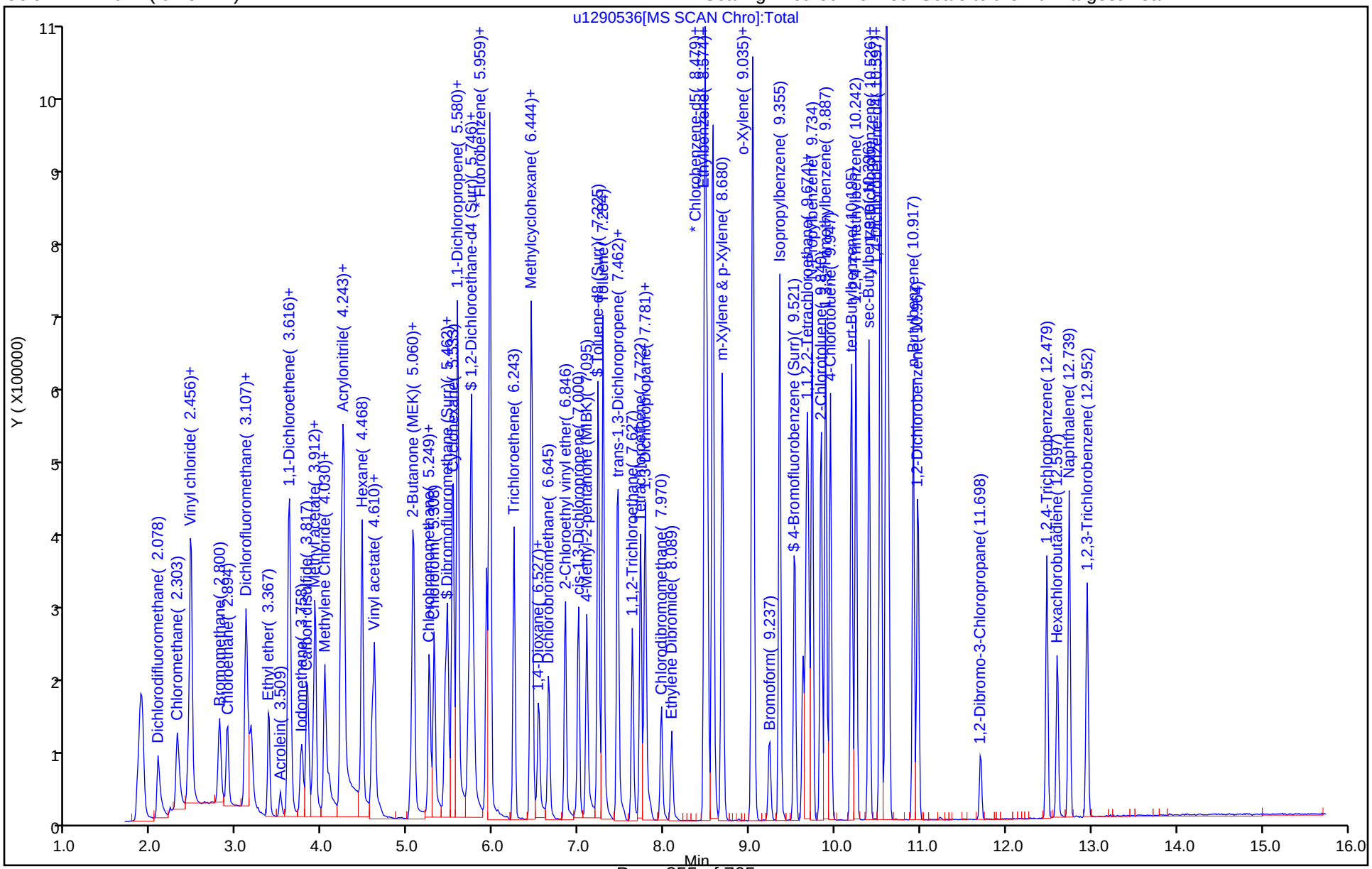
Report Date: 13-May-2022 07:59:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290536.D

Injection Date:	12-May-2022 12:45:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L4			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290537.D
Lims ID: ICIS L5
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 12-May-2022 13:07:30 ALS Bottle#: 9 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-013
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:23 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 14:39:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	99	919353	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	652746	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.598	0.000	96	355877	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	215948	20.0	20.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.711	0.000	96	232331	20.0	19.4	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	843681	20.0	19.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	305435	20.0	18.8	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	334176	20.0	19.3	
10 Chloromethane	50	2.303	2.303	0.000	99	390215	20.0	18.8	
12 Vinyl chloride	62	2.433	2.433	0.000	98	385286	20.0	19.5	
11 Butadiene	54	2.457	2.457	0.000	92	391924	20.0	18.5	
14 Bromomethane	94	2.788	2.788	0.000	90	240938	20.0	18.9	
15 Chloroethane	64	2.883	2.883	0.000	100	247509	20.0	19.5	
16 Dichlorofluoromethane	67	3.096	3.096	0.000	97	535457	20.0	19.0	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	99	436437	20.0	19.8	
19 Ethyl ether	59	3.379	3.379	0.000	91	189084	20.0	19.7	
20 Acrolein	56	3.510	3.510	0.000	98	128543	100.0	118.6	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	399866	20.0	19.7	
22 112TCTFE	101	3.616	3.616	0.000	91	254815	20.0	19.5	
23 Acetone	58	3.628	3.628	0.000	100	40902	40.0	39.0	
24 Iodomethane	142	3.758	3.758	0.000	97	378284	20.0	20.0	
25 Carbon disulfide	76	3.817	3.817	0.000	99	812458	20.0	19.6	
28 Methyl acetate	43	3.900	3.900	0.000	97	297843	40.0	45.6	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	91	397991	20.0	22.6	
29 Methylene Chloride	49	4.030	4.030	0.000	91	320376	20.0	22.1	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	100	179717	200.0	207.7	
31 Acrylonitrile	53	4.220	4.220	0.000	99	787739	200.0	200.2	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	744430	20.0	21.3	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	383430	20.0	20.0	
34 Hexane	57	4.468	4.468	0.000	92	360796	20.0	18.9	
36 Vinyl acetate	43	4.586	4.586	0.000	97	387767	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	98	473175	20.0	20.7	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	59051	40.0	41.6	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	273555	20.0	19.5	
40 2,2-Dichloropropane	77	5.072	5.072	0.000	90	310567	20.0	20.7	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	179237	20.0	23.7	
47 Tetrahydrofuran	42	5.261	5.261	0.000	87	146252	40.0	35.4	
48 Chloroform	83	5.308	5.308	0.000	93	427896	20.0	20.2	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	99	387446	20.0	19.9	
50 Cyclohexane	84	5.533	5.533	0.000	86	439116	20.0	19.7	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	373337	20.0	19.5	
53 Isobutyl alcohol	41	5.592	5.592	0.000	67	230573	500.0	618.5	
52 Carbon tetrachloride	117	5.592	5.592	0.000	96	317352	20.0	20.5	
54 Benzene	78	5.746	5.746	0.000	96	1033299	20.0	19.7	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	297178	20.0	19.3	
57 n-Heptane	57	5.924	5.924	0.000	90	168709	20.0	13.7	
59 Trichloroethene	130	6.243	6.243	0.000	98	264892	20.0	19.0	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	445580	20.0	19.8	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	95	217244	20.0	18.7	
65 1,4-Dioxane	88	6.503	6.503	0.000	93	38843	400.0	494.3	
64 Dibromomethane	174	6.539	6.539	0.000	95	153595	20.0	19.8	
66 Dichlorobromomethane	83	6.645	6.645	0.000	99	289211	20.0	19.3	
68 2-Chloroethyl vinyl ether	63	6.847	6.847	0.000	92	293287	40.0	38.7	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	359916	20.0	19.2	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	496603	40.0	38.6	
71 Toluene	91	7.284	7.284	0.000	98	1025464	20.0	19.1	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	319095	20.0	18.6	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	296269	20.0	19.5	
75 1,1,2-Trichloroethane	97	7.628	7.628	0.000	92	189490	20.0	19.4	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	257828	20.0	19.0	
77 1,3-Dichloropropane	76	7.770	7.770	0.000	96	335225	20.0	18.9	
78 2-Hexanone	43	7.781	7.781	0.000	95	347266	40.0	38.0	
80 Chlorodibromomethane	129	7.971	7.971	0.000	90	198631	20.0	19.6	
81 Ethylene Dibromide	107	8.089	8.089	0.000	99	195871	20.0	19.3	
83 Chlorobenzene	112	8.503	8.503	0.000	95	616756	20.0	18.8	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	76	217279	20.0	20.1	
85 Ethylbenzene	106	8.574	8.574	0.000	98	358036	20.0	19.4	
86 m-Xylene & p-Xylene	106	8.681	8.681	0.000	98	432376	20.0	19.2	
87 o-Xylene	106	9.036	9.036	0.000	95	430313	20.0	20.0	
88 Styrene	104	9.047	9.047	0.000	94	705318	20.0	19.8	
89 Bromoform	173	9.237	9.237	0.000	97	142934	20.0	20.4	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1126818	20.0	20.0	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	275805	20.0	19.3	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	71	91072	20.0	19.0	
92 Bromobenzene	156	9.675	9.675	0.000	96	266330	20.0	18.9	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	83	88232	20.0	19.4	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	302100	20.0	19.4	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	255099	20.0	19.2	
98 1,3,5-Trimethylbenzene	105	9.888	9.888	0.000	95	891220	20.0	19.6	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	262784	20.0	18.9	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	746517	20.0	19.2	
104 1,2,4-Trimethylbenzene	105	10.243	10.243	0.000	96	908336	20.0	19.7	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	1055102	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.527	10.527	0.000	97	915180	20.0	19.7	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	508846	20.0	18.9	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	96	514080	20.0	18.6	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	788553	20.0	19.7	
112 1,2-Dichlorobenzene	146	10.964	10.964	0.000	98	484319	20.0	19.4	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	86	68402	20.0	19.5	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	300586	20.0	19.0	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	97	113228	20.0	19.1	
117 Naphthalene	128	12.739	12.739	0.000	97	951189	20.0	19.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	285094	20.0	19.2	
S 124 Trihalomethanes, Total	1				0		80.0	79.5	
S 125 Total BTEX	1				0		100.0	97.5	
S 128 Xylenes, Total	106				0		40.0	39.3	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	16.00	Units: uL
vmarolistdw_00436	Amount Added:	16.00	Units: uL
vmrprimw_00481	Amount Added:	16.00	Units: uL
vm50ss_stk_00091	Amount Added:	16.00	Units: uL

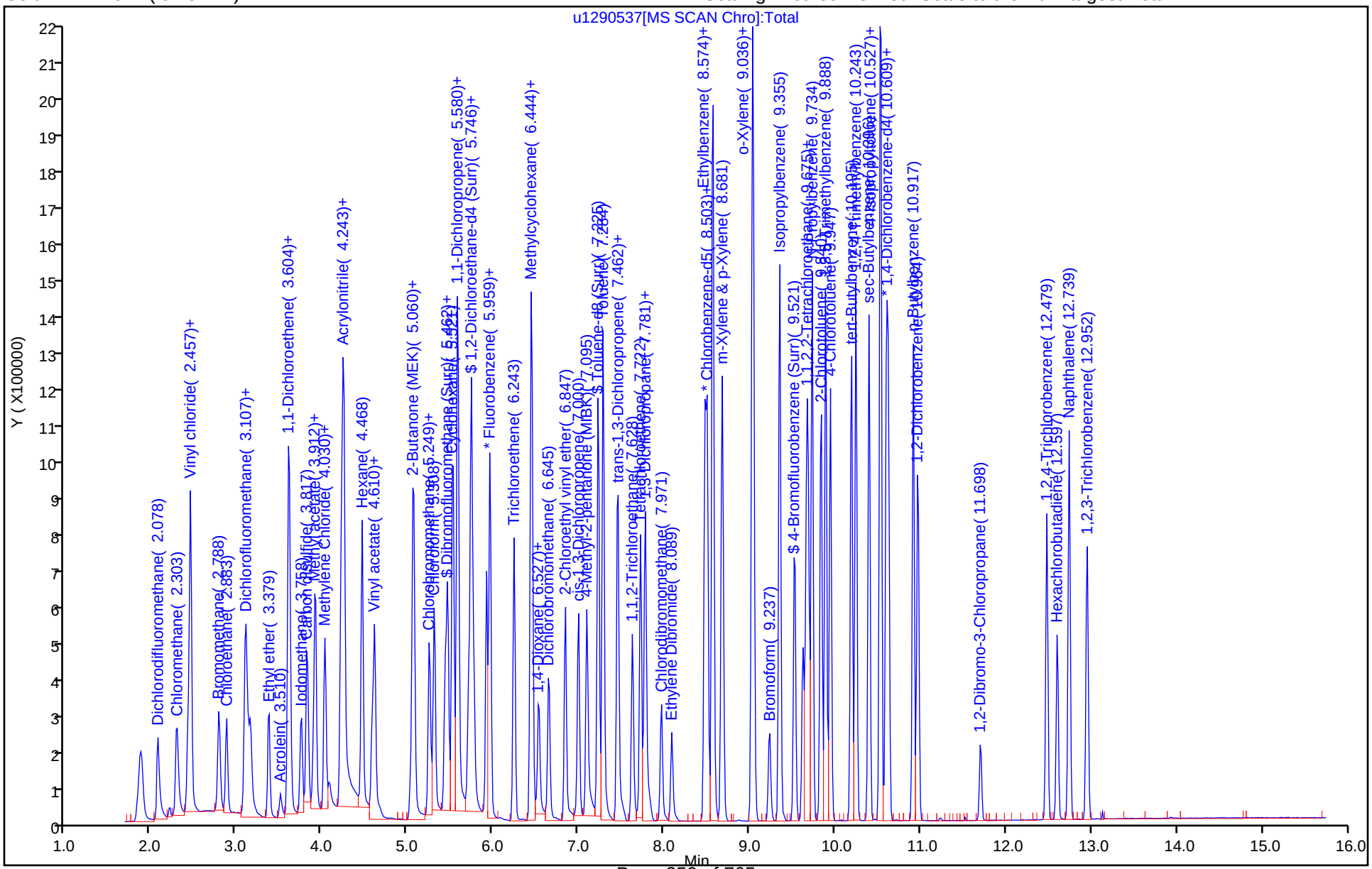
Report Date: 13-May-2022 07:59:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290537.D

Injection Date:	12-May-2022 13:07:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	ICIS L5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290538.D
Lims ID: std8260 L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-May-2022 13:29:30 ALS Bottle#: 10 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-014
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:28 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 14:41:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	98	930828	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	682351	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.598	0.000	95	349336	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	395181	40.0	37.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.711	0.000	95	446848	40.0	36.8	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	1786067	40.0	39.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	643646	40.0	37.9	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	712499	40.0	40.7	
10 Chloromethane	50	2.303	2.303	0.000	99	764161	40.0	36.4	
12 Vinyl chloride	62	2.433	2.433	0.000	98	773834	40.0	38.7	
11 Butadiene	54	2.468	2.457	0.011	91	803753	40.0	37.4	
14 Bromomethane	94	2.800	2.788	0.012	90	462294	40.0	35.9	
15 Chloroethane	64	2.883	2.883	0.001	100	472732	40.0	36.7	
16 Dichlorofluoromethane	67	3.107	3.096	0.011	97	1044751	40.0	36.6	
17 Trichlorofluoromethane	101	3.119	3.131	-0.012	97	891987	40.0	40.0	
19 Ethyl ether	59	3.368	3.379	-0.011	91	384642	40.0	39.6	
20 Acrolein	56	3.510	3.510	0.000	99	180709	200.0	164.7	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	797214	40.0	38.8	
22 112TCTFE	101	3.616	3.616	0.000	92	524545	40.0	39.7	
23 Acetone	58	3.628	3.628	0.000	100	75513	80.0	82.0	
24 Iodomethane	142	3.758	3.758	0.000	98	722381	40.0	37.8	
25 Carbon disulfide	76	3.829	3.817	0.012	99	1522770	40.0	36.4	
28 Methyl acetate	43	3.888	3.900	-0.012	98	573489	80.0	88.0	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	90	720169	40.0	40.7	
29 Methylene Chloride	49	4.030	4.030	0.000	92	553821	40.0	39.1	
30 2-Methyl-2-propanol	59	4.078	4.089	-0.011	100	319715	400.0	403.1	
31 Acrylonitrile	53	4.220	4.220	0.000	99	1470373	400.0	369.1	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	96	1332318	40.0	37.7	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	721656	40.0	37.2	
34 Hexane	57	4.468	4.468	0.000	92	815666	40.0	42.1	
36 Vinyl acetate	43	4.586	4.586	0.000	97	912908	40.0	43.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	875958	40.0	37.8	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	111584	80.0	77.7	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	83	523106	40.0	36.8	
40 2,2-Dichloropropane	77	5.072	5.072	0.000	91	507864	40.0	33.4	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	300945	40.0	39.7	
47 Tetrahydrofuran	42	5.261	5.261	0.000	86	283656	80.0	67.8	
48 Chloroform	83	5.308	5.308	0.000	94	792311	40.0	36.9	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	99	784223	40.0	39.7	
50 Cyclohexane	84	5.533	5.533	0.000	86	895559	40.0	39.7	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	783375	40.0	40.4	
53 Isobutyl alcohol	41	5.592	5.592	0.000	60	332456	1000.0	970.9	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	632995	40.0	40.3	
54 Benzene	78	5.746	5.746	0.000	96	2063579	40.0	38.9	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	604181	40.0	38.7	
57 n-Heptane	57	5.924	5.924	0.000	92	339452	40.0	27.3	
59 Trichloroethene	130	6.243	6.243	0.000	98	568861	40.0	40.2	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	931123	40.0	40.8	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	96	474141	40.0	40.3	
65 1,4-Dioxane	88	6.503	6.503	0.000	95	61369	800.0	771.3	
64 Dibromomethane	174	6.539	6.539	0.000	95	306180	40.0	39.0	
66 Dichlorobromomethane	83	6.645	6.645	0.000	99	602509	40.0	39.8	
68 2-Chloroethyl vinyl ether	63	6.847	6.847	0.000	92	661281	80.0	86.1	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	797343	40.0	42.0	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	1000497	80.0	76.8	
71 Toluene	91	7.284	7.284	0.000	98	2177995	40.0	38.8	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	97	727467	40.0	40.6	
74 Ethyl methacrylate	69	7.462	7.462	0.000	88	649568	40.0	40.9	
75 1,1,2-Trichloroethane	97	7.628	7.628	0.000	91	405337	40.0	39.8	
76 Tetrachloroethene	166	7.722	7.722	0.000	97	560751	40.0	39.6	
77 1,3-Dichloropropane	76	7.770	7.770	0.000	96	735030	40.0	39.7	
78 2-Hexanone	43	7.781	7.781	0.000	95	728126	80.0	76.2	
80 Chlorodibromomethane	129	7.971	7.971	0.000	90	426399	40.0	40.3	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	422506	40.0	39.8	
83 Chlorobenzene	112	8.503	8.503	0.000	94	1326321	40.0	38.7	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	79	428474	40.0	38.0	
85 Ethylbenzene	106	8.574	8.574	0.000	98	757155	40.0	39.3	
86 m-Xylene & p-Xylene	106	8.681	8.681	0.000	98	930356	40.0	39.6	
87 o-Xylene	106	9.036	9.036	0.000	96	877952	40.0	39.1	
88 Styrene	104	9.047	9.047	0.000	94	1492060	40.0	40.1	
89 Bromoform	173	9.237	9.237	0.000	97	300537	40.0	41.0	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	2315161	40.0	39.4	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	559833	40.0	39.9	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	87	188973	40.0	40.3	
92 Bromobenzene	156	9.675	9.675	0.000	96	551075	40.0	39.8	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	79	175374	40.0	39.3	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	627669	40.0	41.1	
97 2-Chlorotoluene	126	9.840	9.840	0.000	97	520487	40.0	39.9	
98 1,3,5-Trimethylbenzene	105	9.888	9.888	0.000	95	1818901	40.0	40.7	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	546974	40.0	40.0	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	1587062	40.0	41.6	
104 1,2,4-Trimethylbenzene	105	10.243	10.243	0.000	96	1824922	40.0	40.4	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	2189347	40.0	41.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	1879660	40.0	41.1	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	72	1020063	40.0	38.6	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	1036451	40.0	38.3	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	1572468	40.0	40.1	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	98	946088	40.0	38.6	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	94	131897	40.0	38.3	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	575530	40.0	37.1	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	97	218473	40.0	37.5	
117 Naphthalene	128	12.739	12.739	0.000	97	1802230	40.0	37.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	552305	40.0	37.8	
S 124 Trihalomethanes, Total	1				0		160.0	158.0	
S 125 Total BTEX	1				0		200.0	195.7	
S 126 1,2-Dichloroethene, Total	96				0			74.0	
S 127 1,3-Dichloropropene, Total	75				0			82.6	
S 128 Xylenes, Total	106				0		80.0	78.7	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	32.00	Units: uL
vmarolistdw_00436	Amount Added:	32.00	Units: uL
vmrprimw_00481	Amount Added:	32.00	Units: uL
vm50ss_stk_00091	Amount Added:	32.00	Units: uL

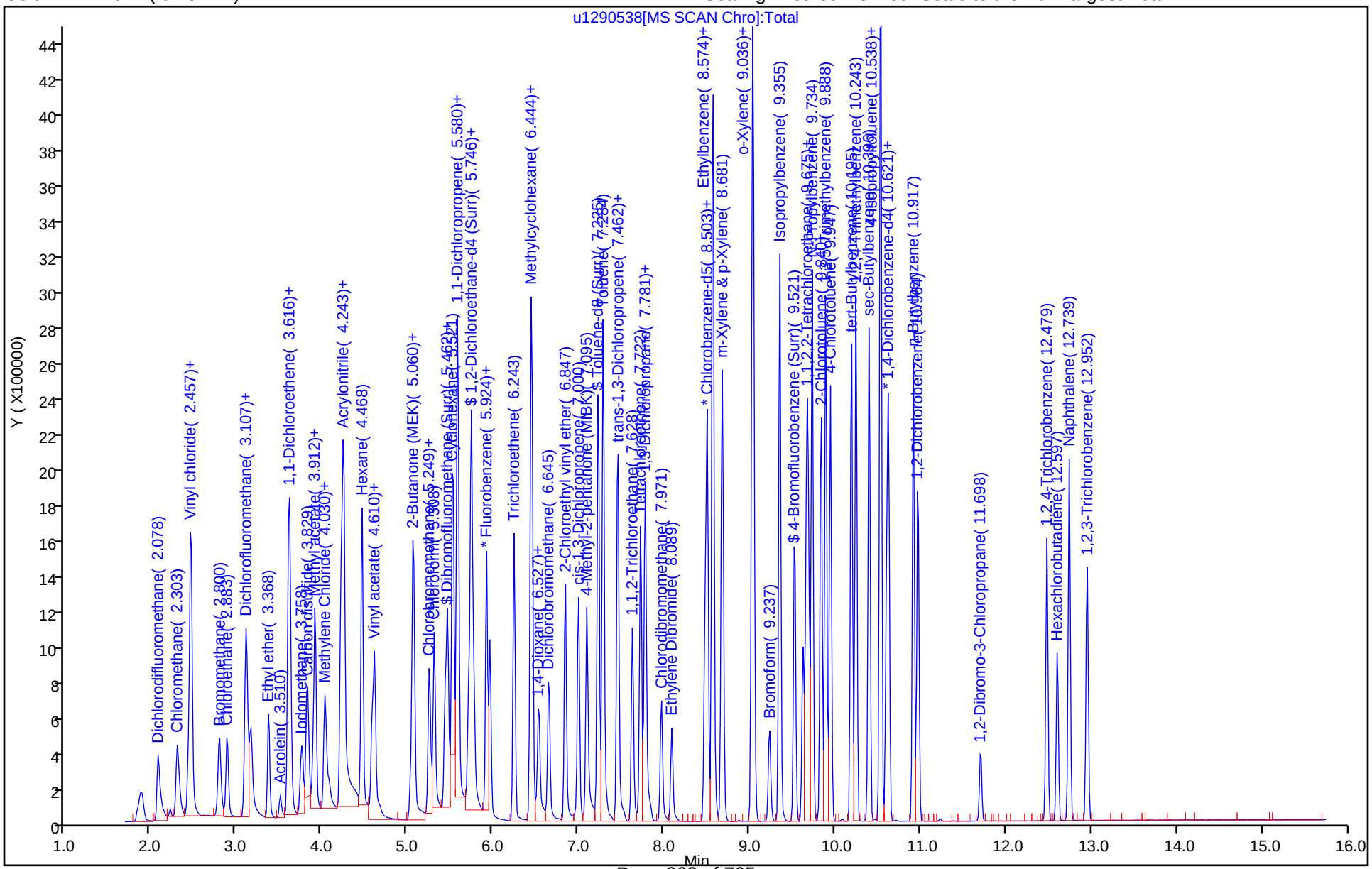
Report Date: 13-May-2022 07:59:28 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290538.D

Injection Date:	12-May-2022 13:29:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L6			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290539.D
Lims ID: std8260 L7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 12-May-2022 13:51:30 ALS Bottle#: 11 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-015
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:33 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 14:42:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	98	931259	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	661524	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.598	0.000	95	351973	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	96	627388	60.0	59.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.711	0.000	96	669410	60.0	55.1	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	2671436	60.0	60.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	949233	60.0	57.6	
9 Dichlorodifluoromethane	85	2.078	2.078	0.000	99	1079514	60.0	61.7	
10 Chloromethane	50	2.303	2.303	0.000	99	1152667	60.0	54.9	
12 Vinyl chloride	62	2.433	2.433	0.000	98	1176964	60.0	58.8	
11 Butadiene	54	2.457	2.457	0.000	92	1223176	60.0	56.9	
14 Bromomethane	94	2.788	2.788	0.000	90	695271	60.0	53.9	
15 Chloroethane	64	2.883	2.883	0.000	100	724005	60.0	56.2	
16 Dichlorofluoromethane	67	3.096	3.096	0.000	97	1576705	60.0	55.3	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	99	1354977	60.0	60.8	
19 Ethyl ether	59	3.368	3.379	-0.011	91	516095	60.0	53.2	
20 Acrolein	56	3.510	3.510	0.000	100	282957	300.0	257.7	
21 1,1-Dichloroethene	61	3.604	3.604	0.000	98	1214530	60.0	59.1	
22 112TCTFE	101	3.616	3.616	0.000	91	788146	60.0	59.6	
23 Acetone	58	3.628	3.628	0.000	100	97394	120.0	119.9	
24 Iodomethane	142	3.758	3.758	0.000	98	1136601	60.0	59.4	
25 Carbon disulfide	76	3.817	3.817	0.000	99	2418805	60.0	57.7	
28 Methyl acetate	43	3.888	3.900	-0.012	97	734403	120.0	113.0	
27 3-Chloro-1-propene	41	3.912	3.912	0.000	91	1123674	60.0	63.8	
29 Methylene Chloride	49	4.030	4.030	0.000	92	875614	60.0	63.0	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	99	423540	600.0	586.8	
31 Acrylonitrile	53	4.220	4.220	0.000	99	1943821	600.0	487.8	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	2074465	60.0	58.7	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	1135731	60.0	58.5	
34 Hexane	57	4.468	4.468	0.000	92	1180121	60.0	60.9	
36 Vinyl acetate	43	4.586	4.586	0.000	97	1167881	60.0	55.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	1359186	60.0	58.6	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	145352	120.0	101.2	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	84	808382	60.0	56.9	
40 2,2-Dichloropropane	77	5.072	5.072	0.000	91	887318	60.0	58.3	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	485014	60.0	64.2	
47 Tetrahydrofuran	42	5.261	5.261	0.000	87	361037	120.0	86.2	
48 Chloroform	83	5.308	5.308	0.000	93	1248831	60.0	58.1	
49 1,1,1-Trichloroethane	97	5.462	5.462	0.000	99	1214265	60.0	61.5	
50 Cyclohexane	84	5.533	5.533	0.000	86	1370487	60.0	60.7	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	1184426	60.0	61.0	
53 Isobutyl alcohol	41	5.592	5.592	0.000	86	414071	1500.0	1362.7	
52 Carbon tetrachloride	117	5.592	5.592	0.000	96	992169	60.0	63.1	
54 Benzene	78	5.746	5.746	0.000	97	3120466	60.0	58.7	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	893695	60.0	57.2	
57 n-Heptane	57	5.924	5.924	0.000	92	470561	60.0	37.8	
59 Trichloroethene	130	6.243	6.243	0.000	98	852603	60.0	60.2	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	1402326	60.0	61.4	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	96	711013	60.0	60.4	
65 1,4-Dioxane	88	6.503	6.503	0.000	93	81985	1200.0	1030.0	
64 Dibromomethane	174	6.539	6.539	0.000	96	441377	60.0	56.1	
66 Dichlorobromomethane	83	6.645	6.645	0.000	99	907197	60.0	59.9	
68 2-Chloroethyl vinyl ether	63	6.847	6.847	0.000	92	908965	120.0	118.4	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	1149791	60.0	60.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	1375686	120.0	105.6	
71 Toluene	91	7.284	7.284	0.000	98	3203095	60.0	58.8	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	97	1028796	60.0	59.2	
74 Ethyl methacrylate	69	7.462	7.462	0.000	88	902095	60.0	58.6	
75 1,1,2-Trichloroethane	97	7.628	7.628	0.000	91	573537	60.0	58.1	
76 Tetrachloroethene	166	7.722	7.722	0.000	97	822811	60.0	59.9	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	96	1027366	60.0	57.2	
78 2-Hexanone	43	7.781	7.781	0.000	95	947251	120.0	102.2	
80 Chlorodibromomethane	129	7.971	7.971	0.000	90	618438	60.0	60.3	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	594254	60.0	57.8	
83 Chlorobenzene	112	8.503	8.503	0.000	94	1943131	60.0	58.5	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	43	670493	60.0	61.3	
85 Ethylbenzene	106	8.574	8.574	0.000	98	1129472	60.0	60.5	
86 m-Xylene & p-Xylene	106	8.681	8.681	0.000	98	1378589	60.0	60.6	
87 o-Xylene	106	9.036	9.036	0.000	97	1339957	60.0	61.6	
88 Styrene	104	9.047	9.047	0.000	94	2185069	60.0	60.5	
89 Bromoform	173	9.237	9.237	0.000	98	427917	60.0	60.2	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	3532547	60.0	62.0	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	799957	60.0	56.6	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	73	263382	60.0	55.7	
92 Bromobenzene	156	9.675	9.675	0.000	96	817108	60.0	58.5	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	85	251733	60.0	56.0	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	963359	60.0	62.5	
97 2-Chlorotoluene	126	9.840	9.840	0.000	97	794881	60.0	60.5	
98 1,3,5-Trimethylbenzene	105	9.888	9.888	0.000	95	2853462	60.0	63.4	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	819705	60.0	59.5	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	2435128	60.0	63.4	
104 1,2,4-Trimethylbenzene	105	10.243	10.243	0.000	96	2844208	60.0	62.5	
105 sec-Butylbenzene	105	10.396	10.396	0.000	95	3408094	60.0	63.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	2958277	60.0	64.2	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	71	1552394	60.0	58.3	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	1584215	60.0	58.1	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	2538151	60.0	64.2	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	98	1470045	60.0	59.5	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	90	202105	60.0	58.2	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	993021	60.0	63.5	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	97	373980	60.0	63.7	
117 Naphthalene	128	12.739	12.739	0.000	97	2951437	60.0	60.7	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	947231	60.0	64.4	
S 124 Trihalomethanes, Total	1				0		240.0	238.5	
S 125 Total BTEX	1				0		300.0	300.2	
S 126 1,2-Dichloroethene, Total	96				0			115.4	
S 127 1,3-Dichloropropene, Total	75				0			119.8	
S 128 Xylenes, Total	106				0		120.0	122.1	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	48.00	Units: uL
vmarolistdw_00436	Amount Added:	48.00	Units: uL
vmrprimw_00481	Amount Added:	48.00	Units: uL
vm50ss_stk_00091	Amount Added:	48.00	Units: uL

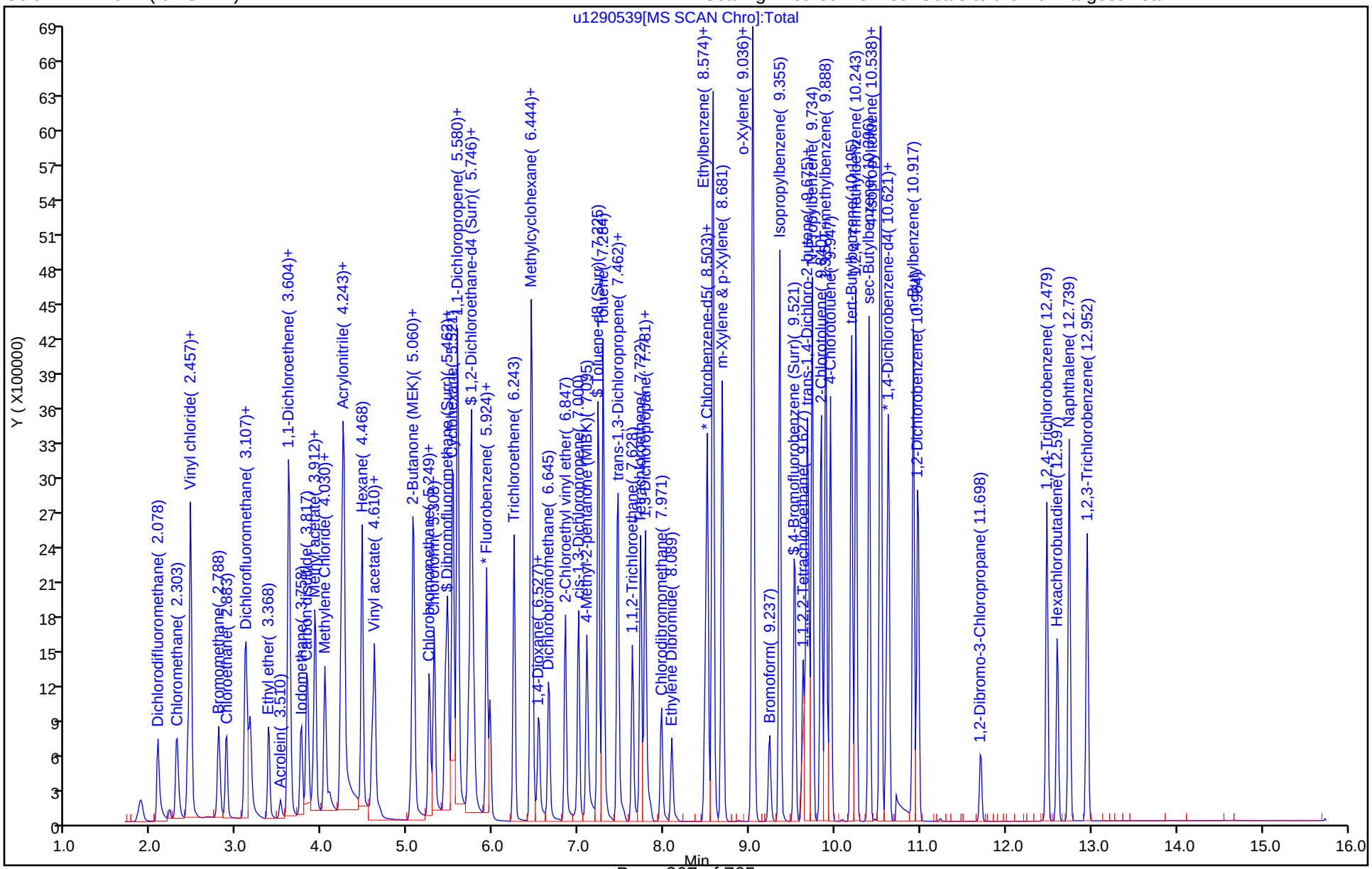
Report Date: 13-May-2022 07:59:33 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290539.D

Injection Date:	12-May-2022 13:51:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L7			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290540.D
Lims ID: std8260 L8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-May-2022 14:14:30 ALS Bottle#: 12 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-016
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 07:59:38 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 14:44:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.959	0.000	98	926303	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	699007	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.598	0.000	95	349590	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	725495	80.0	68.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.711	0.000	95	825747	80.0	68.3	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	3571326	80.0	76.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	1276911	80.0	73.4	
9 Dichlorodifluoromethane	85	2.090	2.078	0.012	99	1379805	80.0	79.2	
10 Chloromethane	50	2.315	2.303	0.012	99	1494794	80.0	71.6	
12 Vinyl chloride	62	2.445	2.433	0.012	98	1506754	80.0	75.7	
11 Butadiene	54	2.480	2.457	0.023	91	1562050	80.0	73.1	
14 Bromomethane	94	2.812	2.788	0.024	90	890231	80.0	69.4	
15 Chloroethane	64	2.894	2.883	0.012	100	928568	80.0	72.5	
16 Dichlorofluoromethane	67	3.119	3.096	0.023	97	2035786	80.0	71.7	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	97	1729817	80.0	78.0	
19 Ethyl ether	59	3.380	3.379	0.001	91	681933	80.0	70.6	
20 Acrolein	56	3.521	3.510	0.011	99	438304	400.0	401.4	
21 1,1-Dichloroethene	61	3.616	3.604	0.012	98	1529183	80.0	74.8	
22 112TCTFE	101	3.628	3.616	0.012	93	1032858	80.0	78.5	
23 Acetone	58	3.640	3.628	0.012	99	111221	160.0	159.1	
24 Iodomethane	142	3.770	3.758	0.012	98	1411077	80.0	74.2	
25 Carbon disulfide	76	3.841	3.817	0.024	99	2875653	80.0	69.0	
28 Methyl acetate	43	3.900	3.900	0.000	97	981497	160.0	152.3	
27 3-Chloro-1-propene	41	3.924	3.912	0.012	90	1265250	80.0	72.3	
29 Methylene Chloride	49	4.042	4.030	0.012	92	1047907	80.0	76.2	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	100	512587	800.0	808.5	
31 Acrylonitrile	53	4.220	4.220	0.000	99	2516513	800.0	634.8	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	2425469	80.0	69.0	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	1341667	80.0	69.5	
34 Hexane	57	4.468	4.468	0.000	93	1599298	80.0	83.0	
36 Vinyl acetate	43	4.586	4.586	0.000	97	1726686	80.0	82.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	1615536	80.0	70.0	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	191848	160.0	134.3	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	967523	80.0	68.4	
40 2,2-Dichloropropane	77	5.072	5.072	0.000	89	864075	80.0	57.1	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	542666	80.0	72.2	
47 Tetrahydrofuran	42	5.261	5.261	0.000	86	475291	160.0	114.1	
48 Chloroform	83	5.308	5.308	0.000	94	1454057	80.0	68.0	
49 1,1,1-Trichloroethane	97	5.474	5.462	0.012	98	1481772	80.0	75.4	
50 Cyclohexane	84	5.533	5.533	0.000	89	1635593	80.0	72.8	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	97	1505180	80.0	77.9	
53 Isobutyl alcohol	41	5.592	5.592	0.000	93	491013	2000.0	NQ	
52 Carbon tetrachloride	117	5.592	5.592	0.000	96	1213233	80.0	77.6	
54 Benzene	78	5.746	5.746	0.000	97	3921641	80.0	74.2	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	1140322	80.0	73.4	
57 n-Heptane	57	5.924	5.924	0.000	91	631742	80.0	51.0	
59 Trichloroethene	130	6.243	6.243	0.000	98	1112715	80.0	79.0	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	1769734	80.0	77.9	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	86	918837	80.0	78.5	
65 1,4-Dioxane	88	6.503	6.503	0.000	93	101755	1600.0	1285.2	
64 Dibromomethane	174	6.539	6.539	0.000	95	574795	80.0	73.5	
66 Dichlorobromomethane	83	6.657	6.645	0.012	99	1174264	80.0	77.9	
68 2-Chloroethyl vinyl ether	63	6.847	6.847	0.000	92	1290092	160.0	168.9	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	1584246	80.0	83.9	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	1805017	160.0	139.3	
71 Toluene	91	7.284	7.284	0.000	98	4312994	80.0	74.9	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	95	1454486	80.0	79.2	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	1263104	80.0	77.7	
75 1,1,2-Trichloroethane	97	7.628	7.628	0.000	91	785058	80.0	75.2	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	1113815	80.0	76.7	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	96	1413675	80.0	74.5	
78 2-Hexanone	43	7.781	7.781	0.000	95	1305622	160.0	133.3	
80 Chlorodibromomethane	129	7.971	7.971	0.000	90	848601	80.0	78.3	
81 Ethylene Dibromide	107	8.089	8.089	0.000	99	807671	80.0	74.3	
83 Chlorobenzene	112	8.503	8.503	0.000	94	2632677	80.0	75.0	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	42	845113	80.0	73.2	
85 Ethylbenzene	106	8.574	8.574	0.000	98	1510965	80.0	76.6	
86 m-Xylene & p-Xylene	106	8.681	8.681	0.000	98	1854874	80.0	77.1	
87 o-Xylene	106	9.036	9.036	0.000	96	1725910	80.0	75.1	
88 Styrene	104	9.047	9.047	0.000	94	2990409	80.0	78.4	
89 Bromoform	173	9.237	9.237	0.000	98	585153	80.0	77.9	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	4502292	80.0	74.8	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	1035113	80.0	73.7	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	74	350430	80.0	74.6	
92 Bromobenzene	156	9.675	9.675	0.000	95	1081867	80.0	78.0	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	84	325289	80.0	72.8	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	1237668	80.0	80.9	
97 2-Chlorotoluene	126	9.840	9.840	0.000	97	1024586	80.0	78.6	
98 1,3,5-Trimethylbenzene	105	9.888	9.888	0.000	95	3572803	80.0	79.9	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	1075175	80.0	78.6	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	3087061	80.0	80.9	
104 1,2,4-Trimethylbenzene	105	10.243	10.243	0.000	96	3599242	80.0	79.6	
105 sec-Butylbenzene	105	10.396	10.396	0.000	96	4238793	80.0	79.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	3679140	80.0	80.4	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	1991304	80.0	75.3	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	94	2003279	80.0	73.9	
111 n-Butylbenzene	91	10.917	10.917	0.000	97	3101789	80.0	79.0	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	98	1826714	80.0	74.5	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	89	240354	80.0	69.7	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	1202847	80.0	77.5	
116 Hexachlorobutadiene	225	12.597	12.597	0.000	97	467590	80.0	80.2	
117 Naphthalene	128	12.739	12.739	0.000	97	3509817	80.0	72.7	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	96	1150756	80.0	78.7	
S 124 Trihalomethanes, Total	1				0		320.0	302.2	
S 125 Total BTEX	1				0		400.0	377.9	
S 126 1,2-Dichloroethene, Total	96				0			137.9	
S 127 1,3-Dichloropropene, Total	75				0			163.1	
S 128 Xylenes, Total	106				0		160.0	152.2	

QC Flag Legend

Processing Flags

NQ - Not Quantifiable

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00426	Amount Added:	64.00	Units: uL
vmarolistdw_00436	Amount Added:	64.00	Units: uL
vmrprimw_00481	Amount Added:	64.00	Units: uL
vm50ss_stk_00091	Amount Added:	64.00	Units: uL

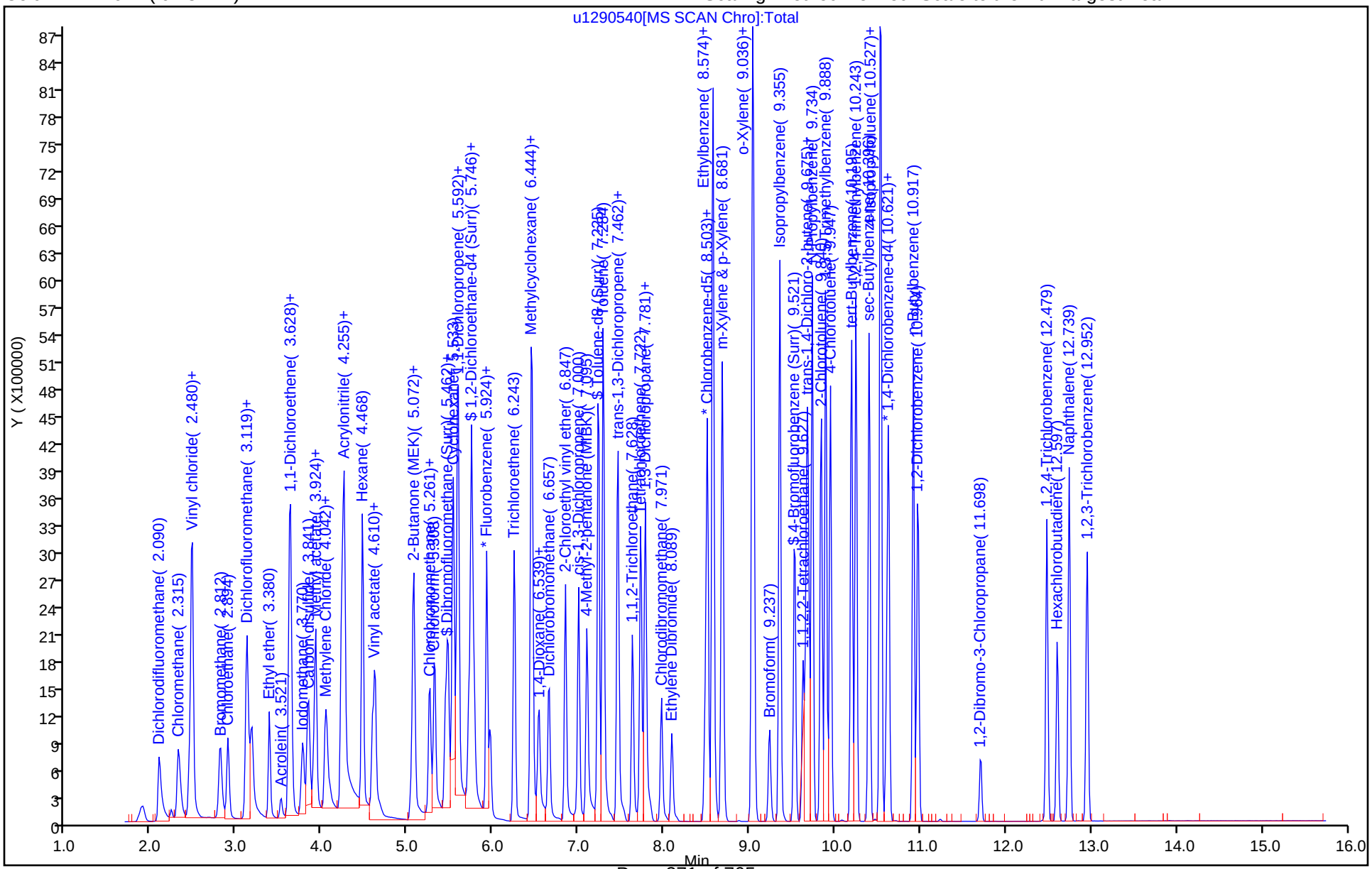
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Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290540.D

Injection Date:	12-May-2022 14:14:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	std8260 L8			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Calibration / Dichlorodifluoromethane

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

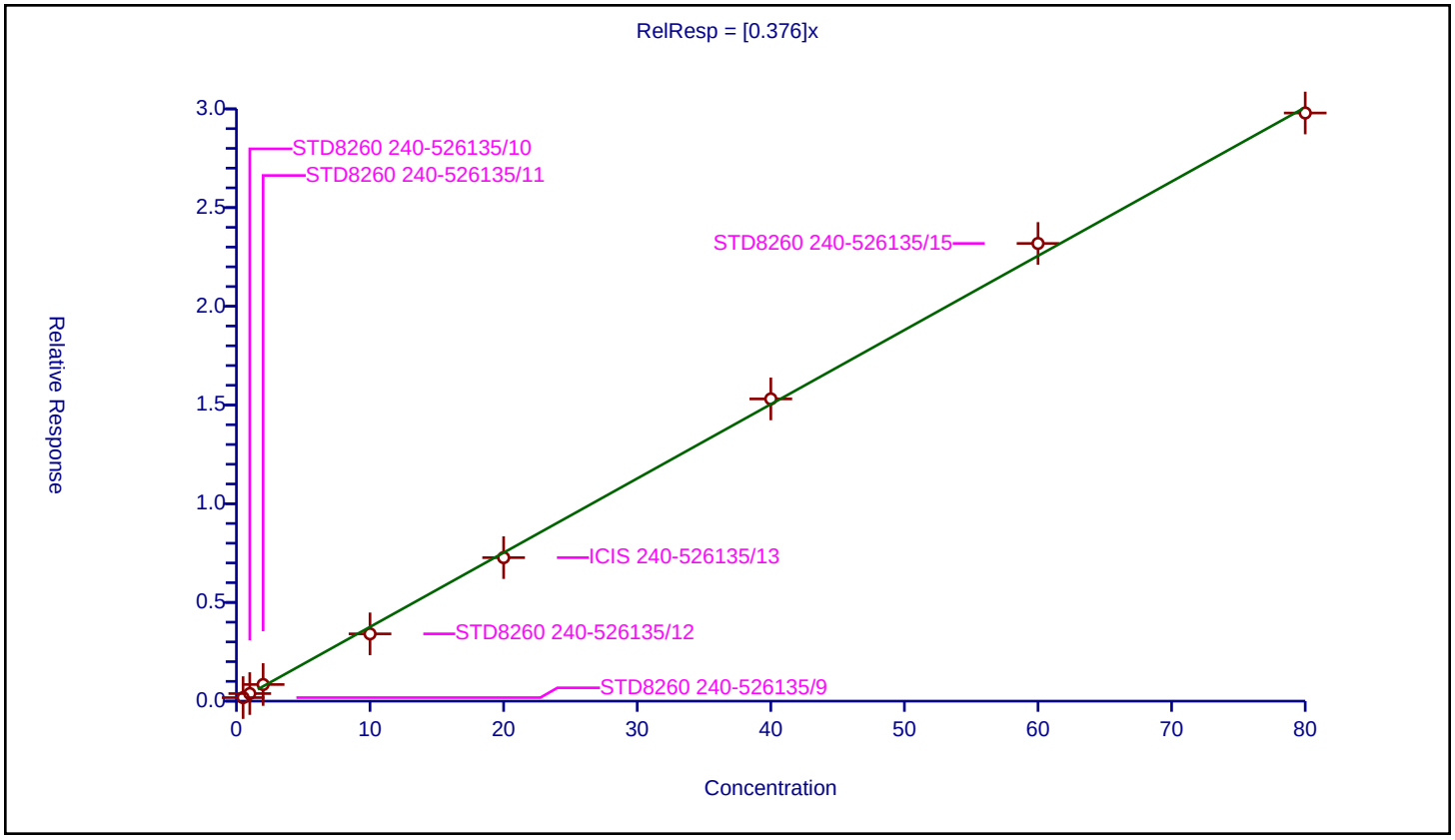
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	728000
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	STD8260 240-526135/9	0.5	0.178257	20.0	849112.0	0.356514	Y
2	STD8260 240-526135/10	1.0	0.384359	20.0	905873.0	0.384359	Y
3	STD8260 240-526135/11	2.0	0.841981	20.0	856433.0	0.42099	Y
4	STD8260 240-526135/12	10.0	3.408008	20.0	911641.0	0.340801	Y
5	ICIS 240-526135/13	20.0	7.269808	20.0	919353.0	0.36349	Y
6	STD8260 240-526135/14	40.0	15.308929	20.0	930828.0	0.382723	Y
7	STD8260 240-526135/15	60.0	23.183969	20.0	931259.0	0.386399	Y
8	STD8260 240-526135/16	80.0	29.791656	20.0	926303.0	0.372396	Y



Calibration / Chloromethane

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

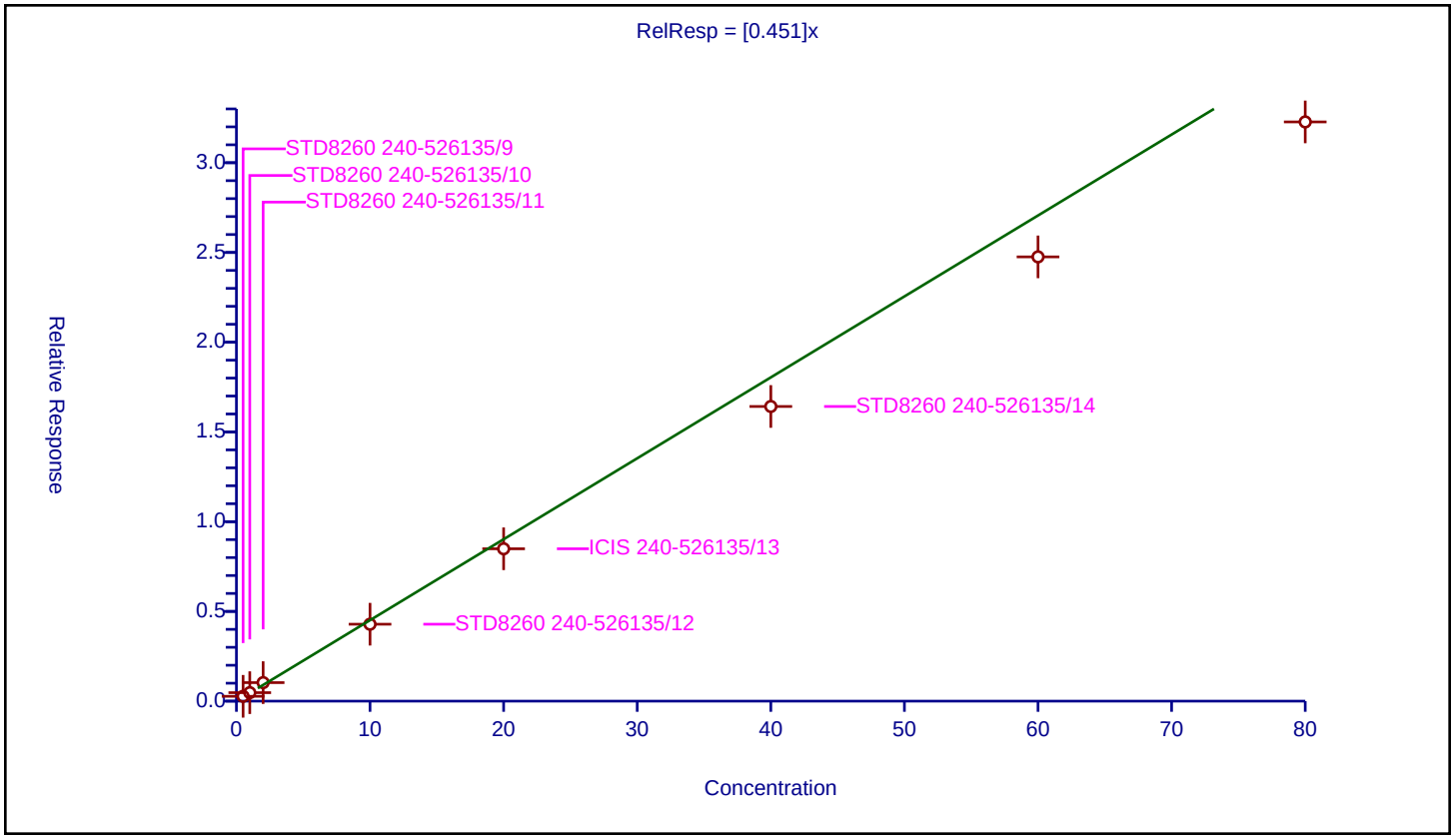
Curve Coefficients

Intercept:	0
Slope:	0.451

Error Coefficients

Standard Error:	787000
Relative Standard Error:	11.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.269858	20.0	849112.0	0.539717	Y
2	STD8260 240-526135/10	1.0	0.472494	20.0	905873.0	0.472494	Y
3	STD8260 240-526135/11	2.0	1.032328	20.0	856433.0	0.516164	Y
4	STD8260 240-526135/12	10.0	4.28638	20.0	911641.0	0.428638	Y
5	ICIS 240-526135/13	20.0	8.488905	20.0	919353.0	0.424445	Y
6	STD8260 240-526135/14	40.0	16.418952	20.0	930828.0	0.410474	Y
7	STD8260 240-526135/15	60.0	24.755025	20.0	931259.0	0.412584	Y
8	STD8260 240-526135/16	80.0	32.274407	20.0	926303.0	0.40343	Y



Calibration / Vinyl chloride

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

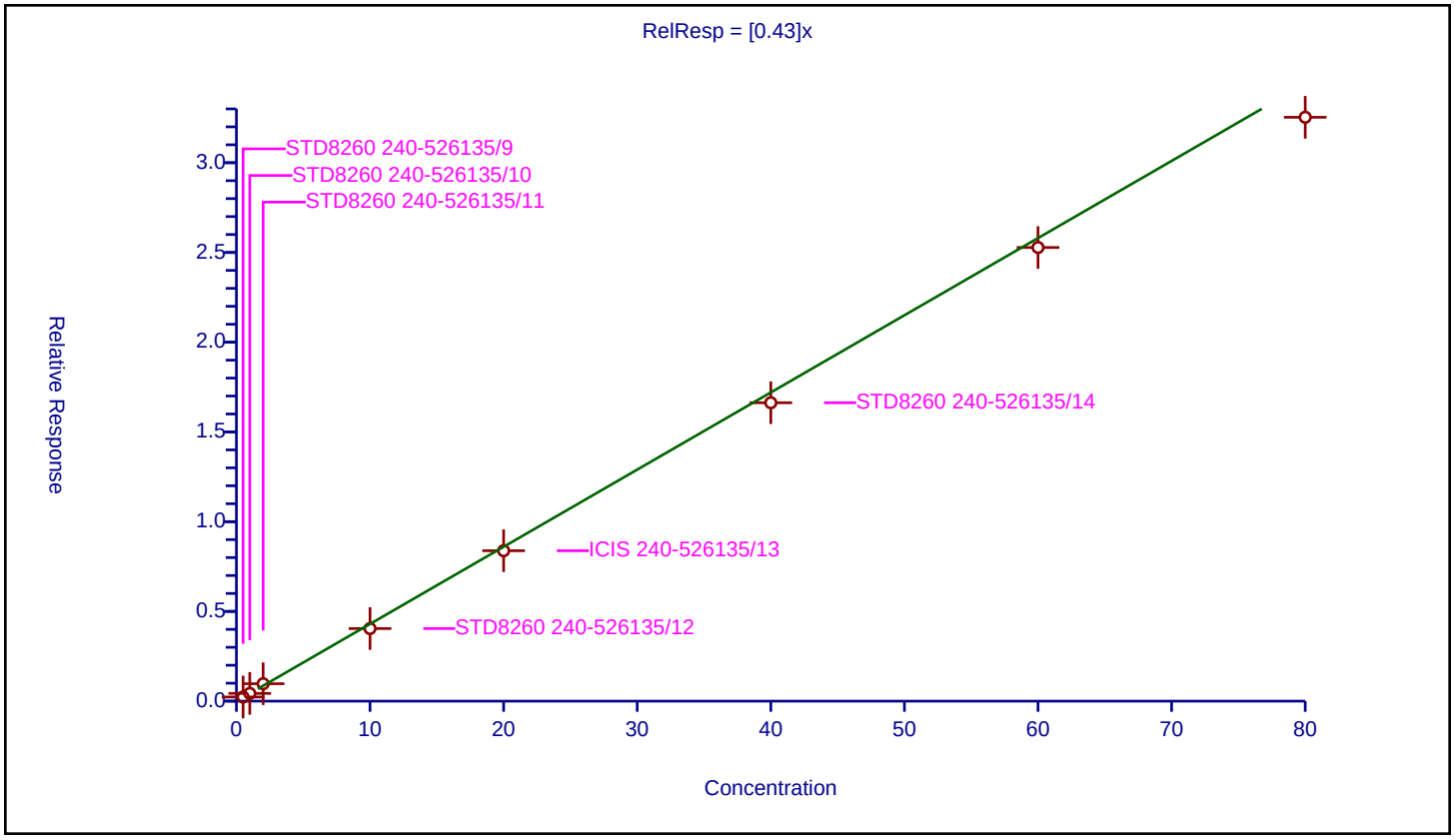
Curve Coefficients

Intercept:	0
Slope:	0.43

Error Coefficients

Standard Error:	796000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.228851	20.0	849112.0	0.457702	Y
2	STD8260 240-526135/10	1.0	0.430369	20.0	905873.0	0.430369	Y
3	STD8260 240-526135/11	2.0	0.969533	20.0	856433.0	0.484766	Y
4	STD8260 240-526135/12	10.0	4.045189	20.0	911641.0	0.404519	Y
5	ICIS 240-526135/13	20.0	8.381677	20.0	919353.0	0.419084	Y
6	STD8260 240-526135/14	40.0	16.626788	20.0	930828.0	0.41567	Y
7	STD8260 240-526135/15	60.0	25.276835	20.0	931259.0	0.421281	Y
8	STD8260 240-526135/16	80.0	32.532638	20.0	926303.0	0.406658	Y



Calibration / Butadiene

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

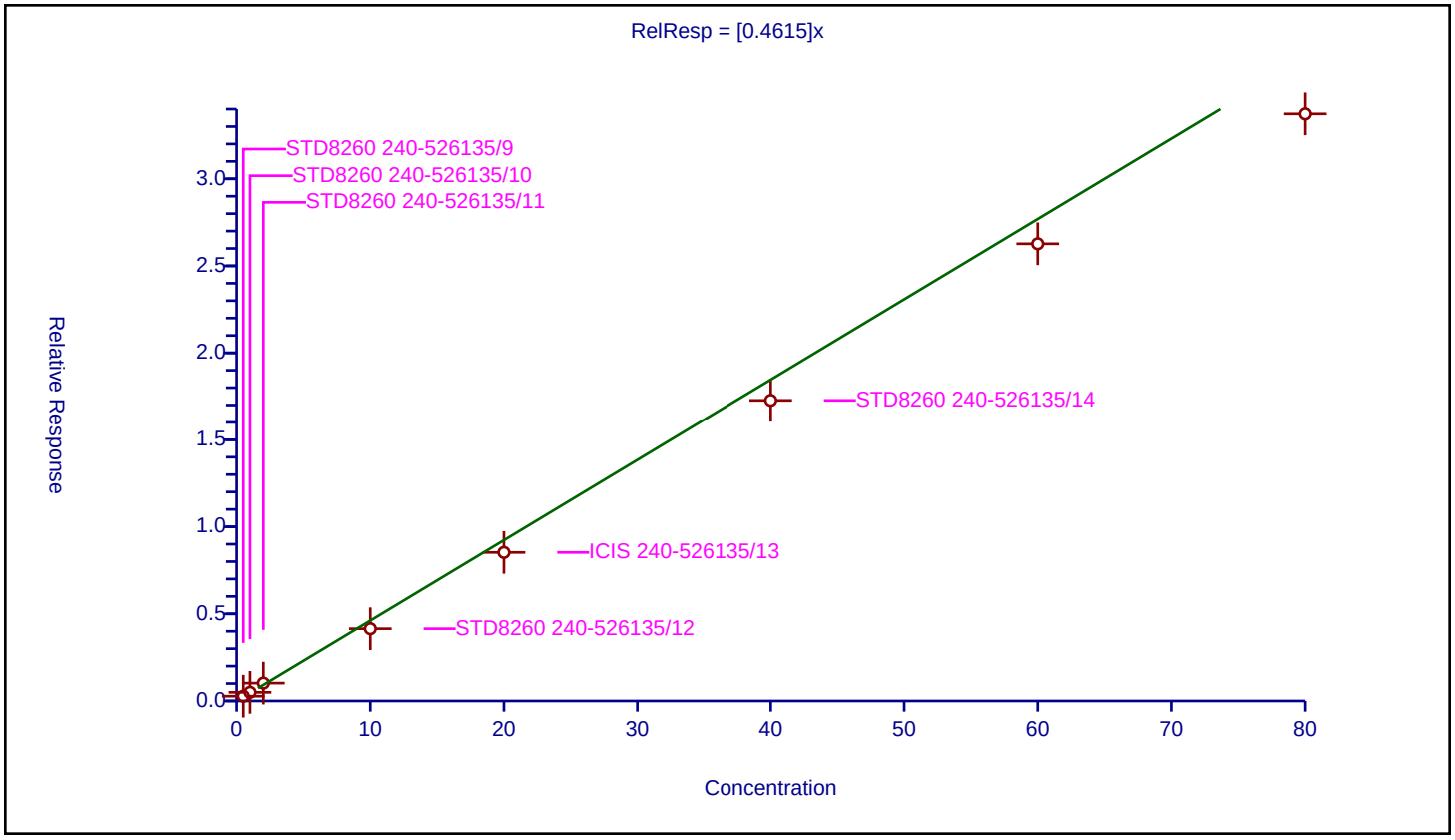
Curve Coefficients

Intercept:	0
Slope:	0.4615

Error Coefficients

Standard Error:	826000
Relative Standard Error:	11.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.275134	20.0	849112.0	0.550269	Y
2	STD8260 240-526135/10	1.0	0.496869	20.0	905873.0	0.496869	Y
3	STD8260 240-526135/11	2.0	1.025579	20.0	856433.0	0.51279	Y
4	STD8260 240-526135/12	10.0	4.1474	20.0	911641.0	0.41474	Y
5	ICIS 240-526135/13	20.0	8.526083	20.0	919353.0	0.426304	Y
6	STD8260 240-526135/14	40.0	17.269635	20.0	930828.0	0.431741	Y
7	STD8260 240-526135/15	60.0	26.269298	20.0	931259.0	0.437822	Y
8	STD8260 240-526135/16	80.0	33.726545	20.0	926303.0	0.421582	Y



Calibration / Bromomethane

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

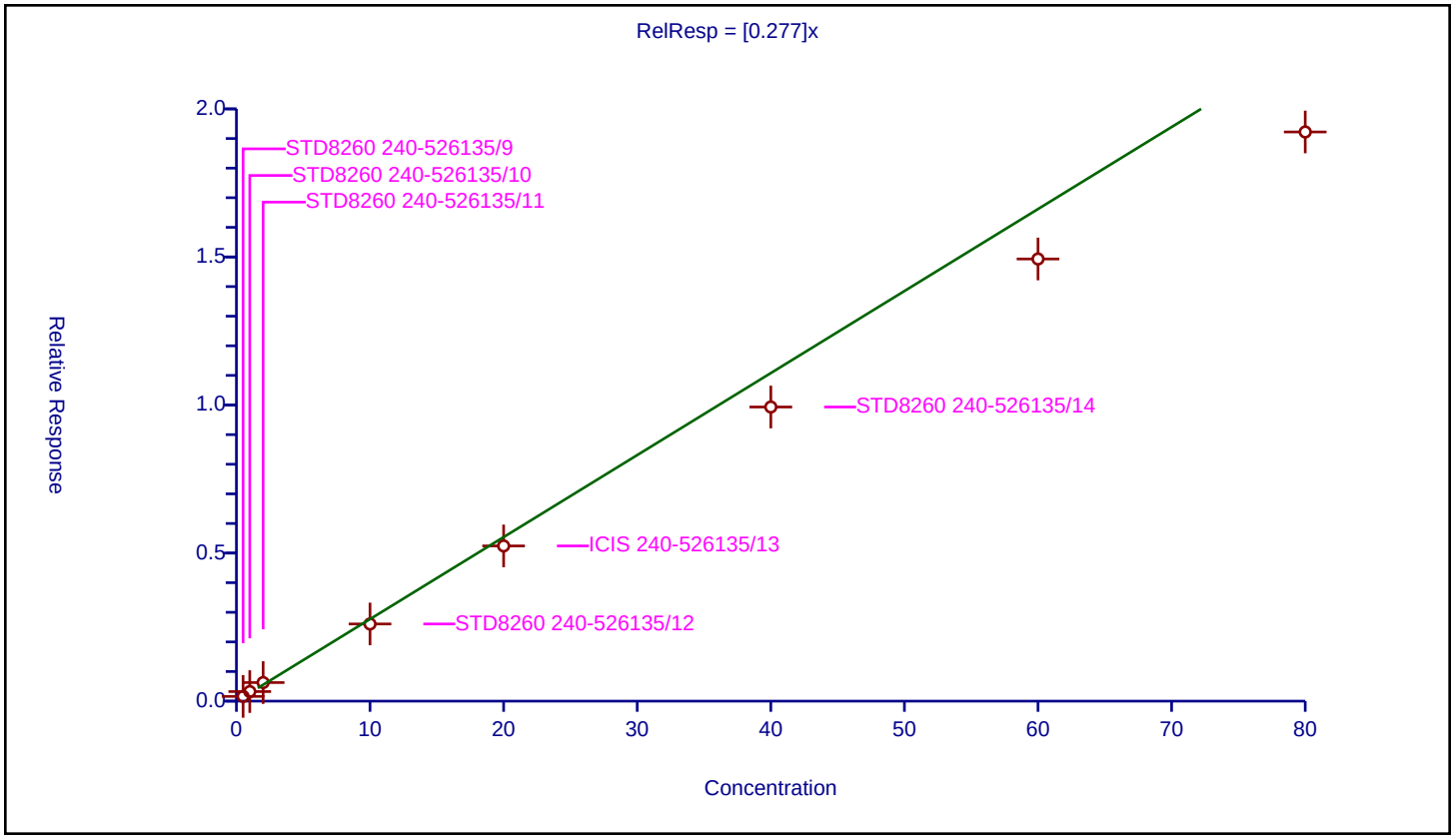
Curve Coefficients

Intercept:	0
Slope:	0.277

Error Coefficients

Standard Error:	472000
Relative Standard Error:	12.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.159249	20.0	849112.0	0.318497	Y
2	STD8260 240-526135/10	1.0	0.323622	20.0	905873.0	0.323622	Y
3	STD8260 240-526135/11	2.0	0.627043	20.0	856433.0	0.313521	Y
4	STD8260 240-526135/12	10.0	2.605675	20.0	911641.0	0.260567	Y
5	ICIS 240-526135/13	20.0	5.241469	20.0	919353.0	0.262073	Y
6	STD8260 240-526135/14	40.0	9.932963	20.0	930828.0	0.248324	Y
7	STD8260 240-526135/15	60.0	14.93185	20.0	931259.0	0.248864	Y
8	STD8260 240-526135/16	80.0	19.221162	20.0	926303.0	0.240265	Y



Calibration / Chloroethane

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

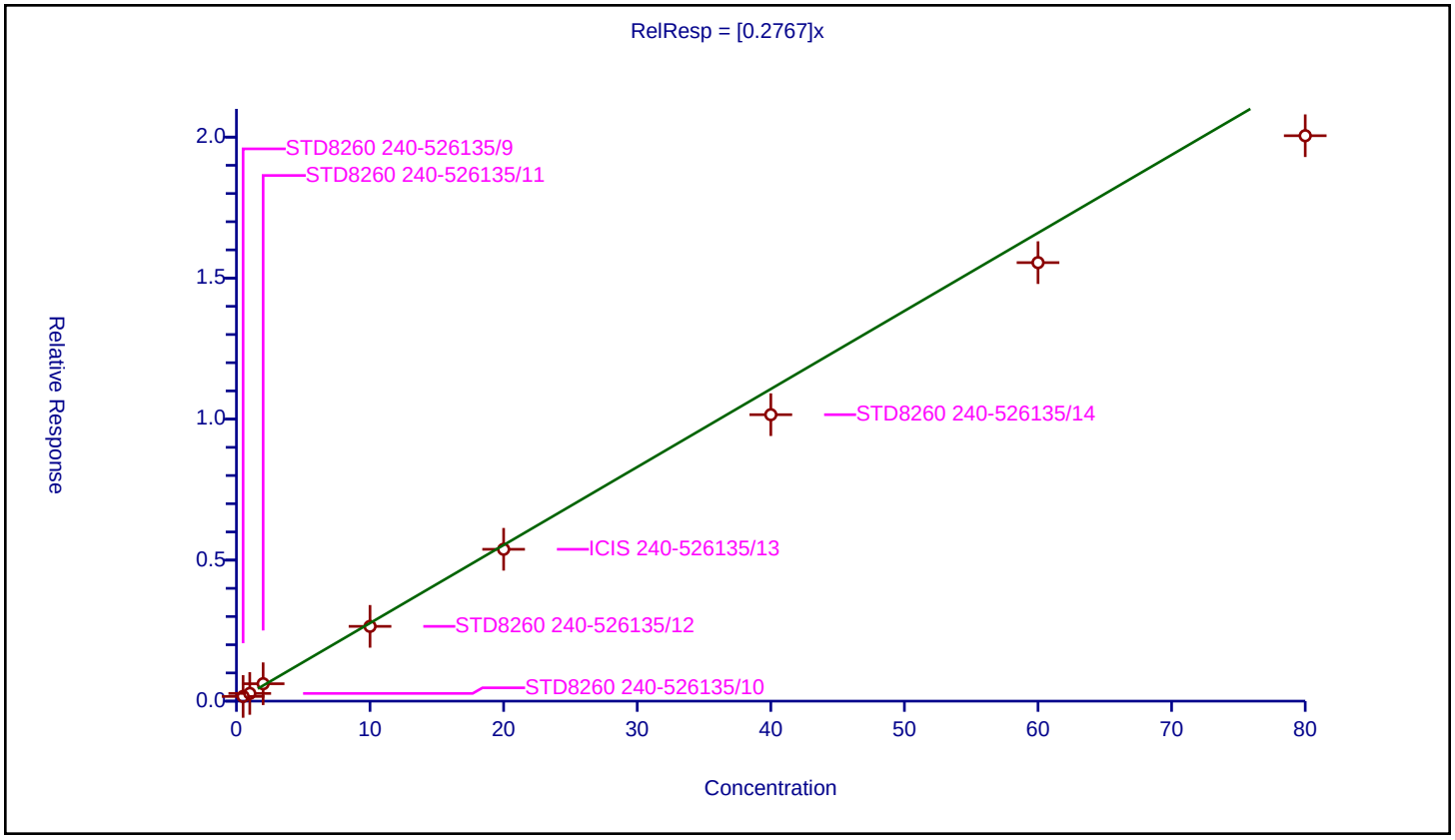
Curve Coefficients

Intercept:	0
Slope:	0.2767

Error Coefficients

Standard Error:	491000
Relative Standard Error:	10.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.16681	20.0	849112.0	0.333619	Y
2	STD8260 240-526135/10	1.0	0.273239	20.0	905873.0	0.273239	Y
3	STD8260 240-526135/11	2.0	0.617328	20.0	856433.0	0.308664	Y
4	STD8260 240-526135/12	10.0	2.651614	20.0	911641.0	0.265161	Y
5	ICIS 240-526135/13	20.0	5.384417	20.0	919353.0	0.269221	Y
6	STD8260 240-526135/14	40.0	10.157236	20.0	930828.0	0.253931	Y
7	STD8260 240-526135/15	60.0	15.54895	20.0	931259.0	0.259149	Y
8	STD8260 240-526135/16	80.0	20.048904	20.0	926303.0	0.250611	Y



Calibration / Dichlorofluoromethane

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

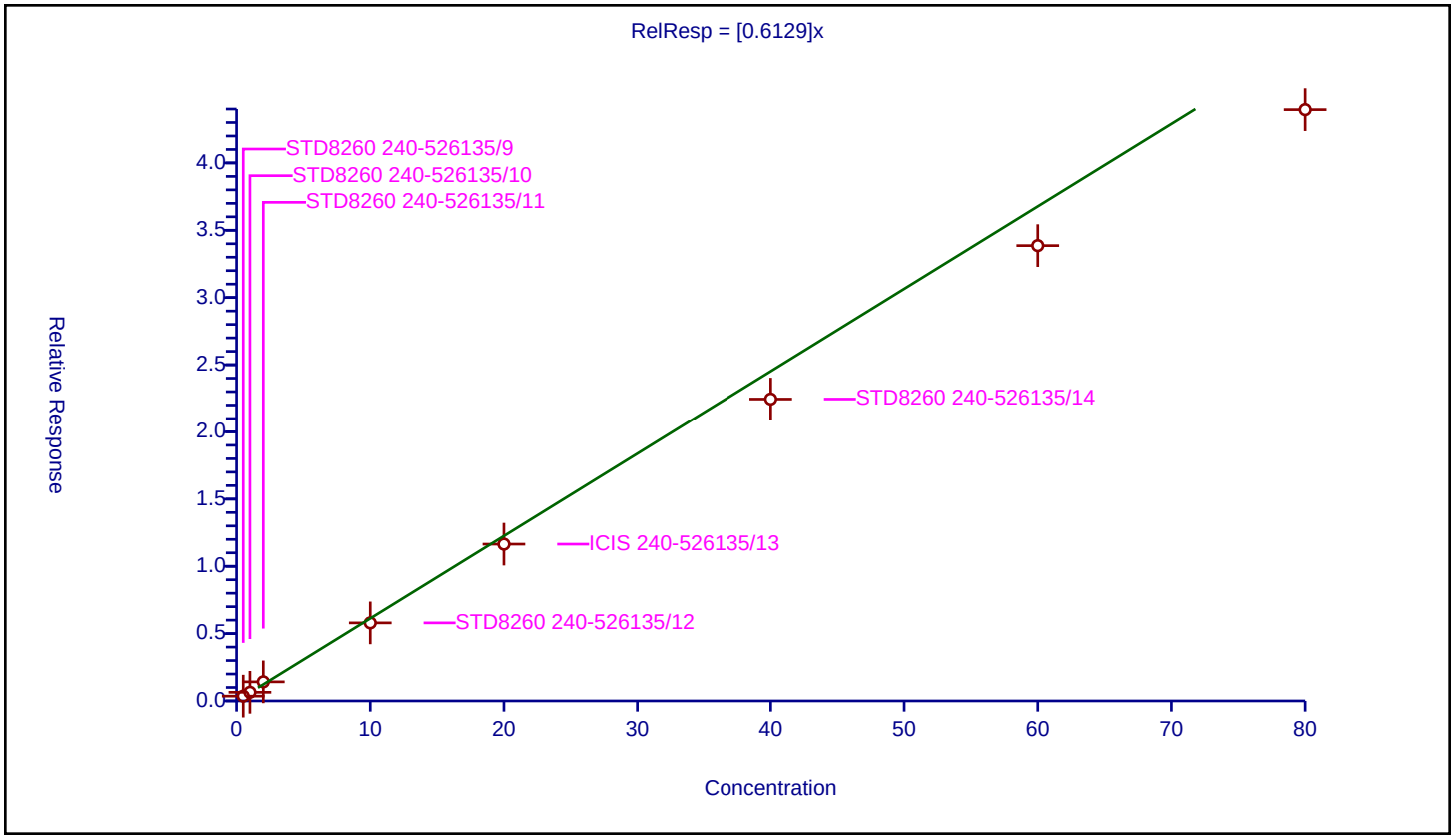
Curve Coefficients

Intercept:	0
Slope:	0.6129

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.356796	20.0	849112.0	0.713593	Y
2	STD8260 240-526135/10	1.0	0.643048	20.0	905873.0	0.643048	Y
3	STD8260 240-526135/11	2.0	1.418348	20.0	856433.0	0.709174	Y
4	STD8260 240-526135/12	10.0	5.795922	20.0	911641.0	0.579592	Y
5	ICIS 240-526135/13	20.0	11.648562	20.0	919353.0	0.582428	Y
6	STD8260 240-526135/14	40.0	22.447778	20.0	930828.0	0.561194	Y
7	STD8260 240-526135/15	60.0	33.861794	20.0	931259.0	0.564363	Y
8	STD8260 240-526135/16	80.0	43.955077	20.0	926303.0	0.549438	Y



Calibration / Trichlorofluoromethane

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

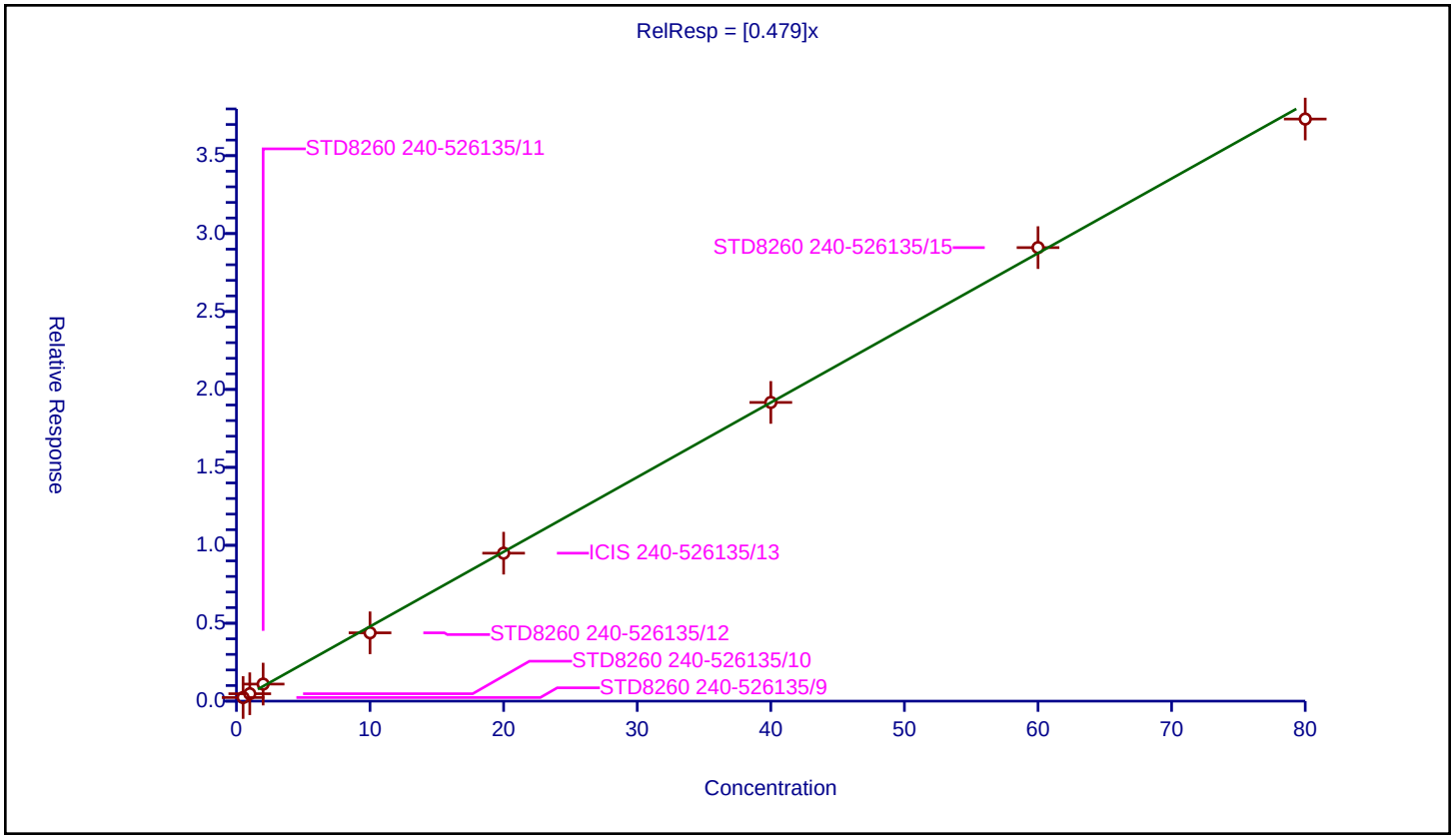
Curve Coefficients

Intercept:	0
Slope:	0.479

Error Coefficients

Standard Error:	915000
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	STD8260 240-526135/9	0.5	0.232313	20.0	849112.0	0.464627	Y
2	STD8260 240-526135/10	1.0	0.475762	20.0	905873.0	0.475762	Y
3	STD8260 240-526135/11	2.0	1.09468	20.0	856433.0	0.54734	Y
4	STD8260 240-526135/12	10.0	4.384379	20.0	911641.0	0.438438	Y
5	ICIS 240-526135/13	20.0	9.494438	20.0	919353.0	0.474722	Y
6	STD8260 240-526135/14	40.0	19.165453	20.0	930828.0	0.479136	Y
7	STD8260 240-526135/15	60.0	29.099896	20.0	931259.0	0.484998	Y
8	STD8260 240-526135/16	80.0	37.348837	20.0	926303.0	0.46686	Y



Calibration / Ethyl ether

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

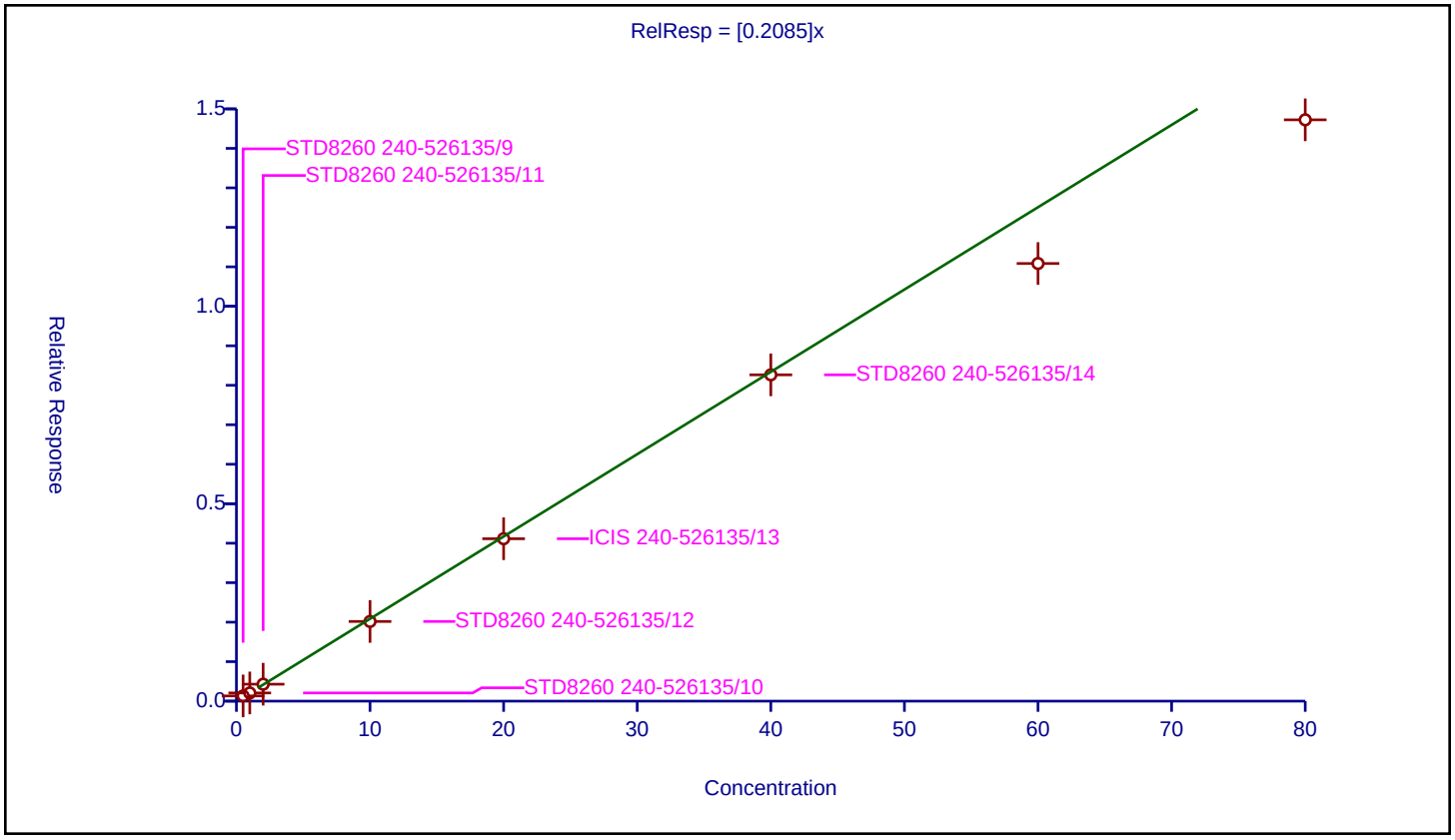
Curve Coefficients

Intercept:	0
Slope:	0.2085

Error Coefficients

Standard Error:	363000
Relative Standard Error:	11.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.131549	20.0	849112.0	0.263098	Y
2	STD8260 240-526135/10	1.0	0.20727	20.0	905873.0	0.20727	Y
3	STD8260 240-526135/11	2.0	0.429269	20.0	856433.0	0.214634	Y
4	STD8260 240-526135/12	10.0	2.018163	20.0	911641.0	0.201816	Y
5	ICIS 240-526135/13	20.0	4.113415	20.0	919353.0	0.205671	Y
6	STD8260 240-526135/14	40.0	8.264513	20.0	930828.0	0.206613	Y
7	STD8260 240-526135/15	60.0	11.083812	20.0	931259.0	0.18473	Y
8	STD8260 240-526135/16	80.0	14.723757	20.0	926303.0	0.184047	Y



Calibration / Acrolein

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

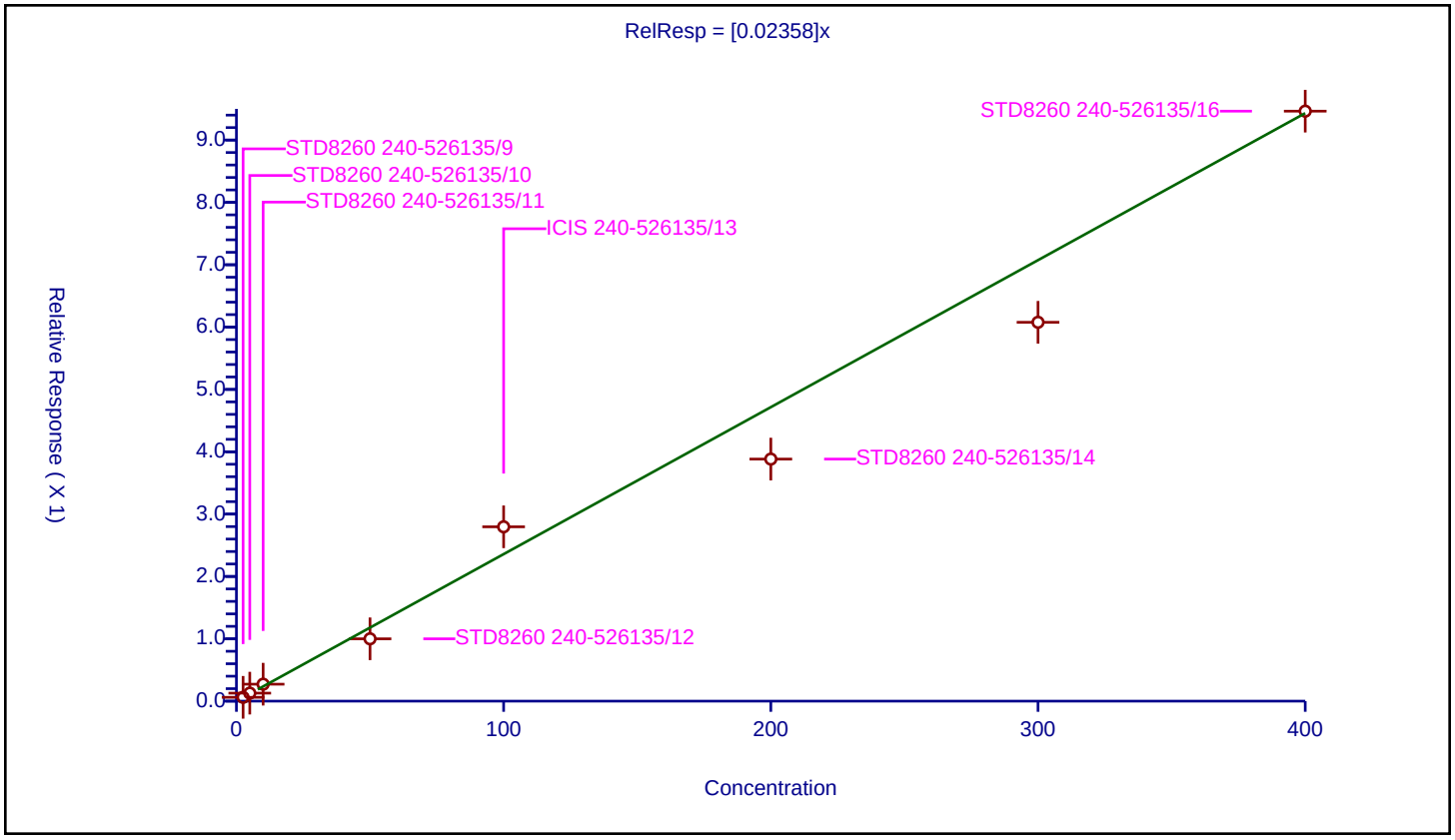
Curve Coefficients

Intercept:	0
Slope:	0.02358

Error Coefficients

Standard Error:	215000
Relative Standard Error:	14.2
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	2.5	0.061217	20.0	849112.0	0.024487	Y
2	STD8260 240-526135/10	5.0	0.128296	20.0	905873.0	0.025659	Y
3	STD8260 240-526135/11	10.0	0.271872	20.0	856433.0	0.027187	Y
4	STD8260 240-526135/12	50.0	1.000021	20.0	911641.0	0.02	Y
5	ICIS 240-526135/13	100.0	2.79638	20.0	919353.0	0.027964	Y
6	STD8260 240-526135/14	200.0	3.882758	20.0	930828.0	0.019414	Y
7	STD8260 240-526135/15	300.0	6.07687	20.0	931259.0	0.020256	Y
8	STD8260 240-526135/16	400.0	9.463512	20.0	926303.0	0.023659	Y



Calibration / 1,1-Dichloroethene

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

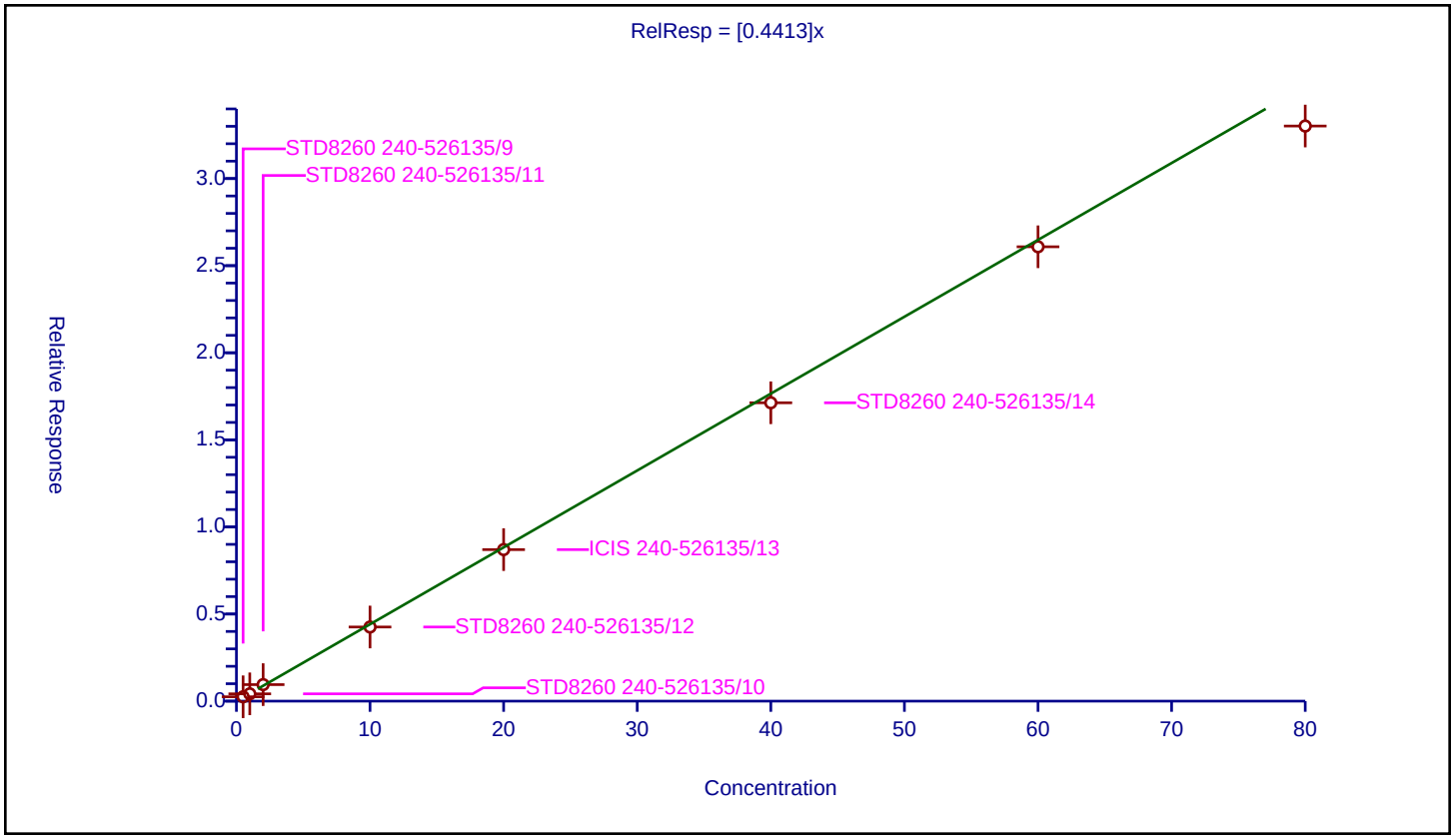
Curve Coefficients

Intercept:	0
Slope:	0.4413

Error Coefficients

Standard Error:	815000
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	STD8260 240-526135/9	0.5	0.250191	20.0	849112.0	0.500382	Y
2	STD8260 240-526135/10	1.0	0.419374	20.0	905873.0	0.419374	Y
3	STD8260 240-526135/11	2.0	0.949286	20.0	856433.0	0.474643	Y
4	STD8260 240-526135/12	10.0	4.255886	20.0	911641.0	0.425589	Y
5	ICIS 240-526135/13	20.0	8.698857	20.0	919353.0	0.434943	Y
6	STD8260 240-526135/14	40.0	17.129137	20.0	930828.0	0.428228	Y
7	STD8260 240-526135/15	60.0	26.083614	20.0	931259.0	0.434727	Y
8	STD8260 240-526135/16	80.0	33.016907	20.0	926303.0	0.412711	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

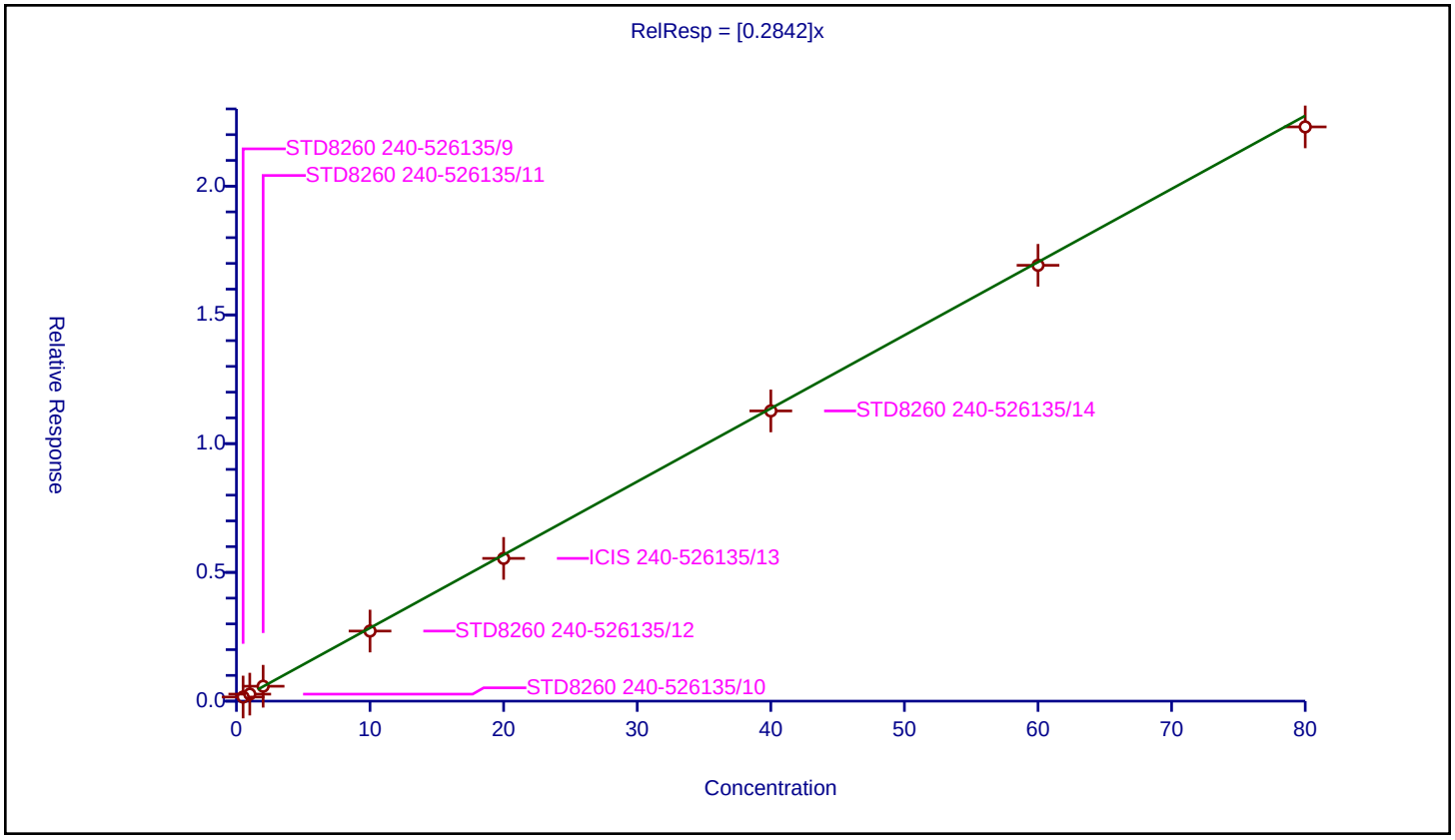
Curve Coefficients

Intercept:	0
Slope:	0.2842

Error Coefficients

Standard Error:	540000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.159885	20.0	849112.0	0.319769	Y
2	STD8260 240-526135/10	1.0	0.272113	20.0	905873.0	0.272113	Y
3	STD8260 240-526135/11	2.0	0.579076	20.0	856433.0	0.289538	Y
4	STD8260 240-526135/12	10.0	2.722256	20.0	911641.0	0.272226	Y
5	ICIS 240-526135/13	20.0	5.543355	20.0	919353.0	0.277168	Y
6	STD8260 240-526135/14	40.0	11.270503	20.0	930828.0	0.281763	Y
7	STD8260 240-526135/15	60.0	16.926462	20.0	931259.0	0.282108	Y
8	STD8260 240-526135/16	80.0	22.300651	20.0	926303.0	0.278758	Y



Calibration / Acetone

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

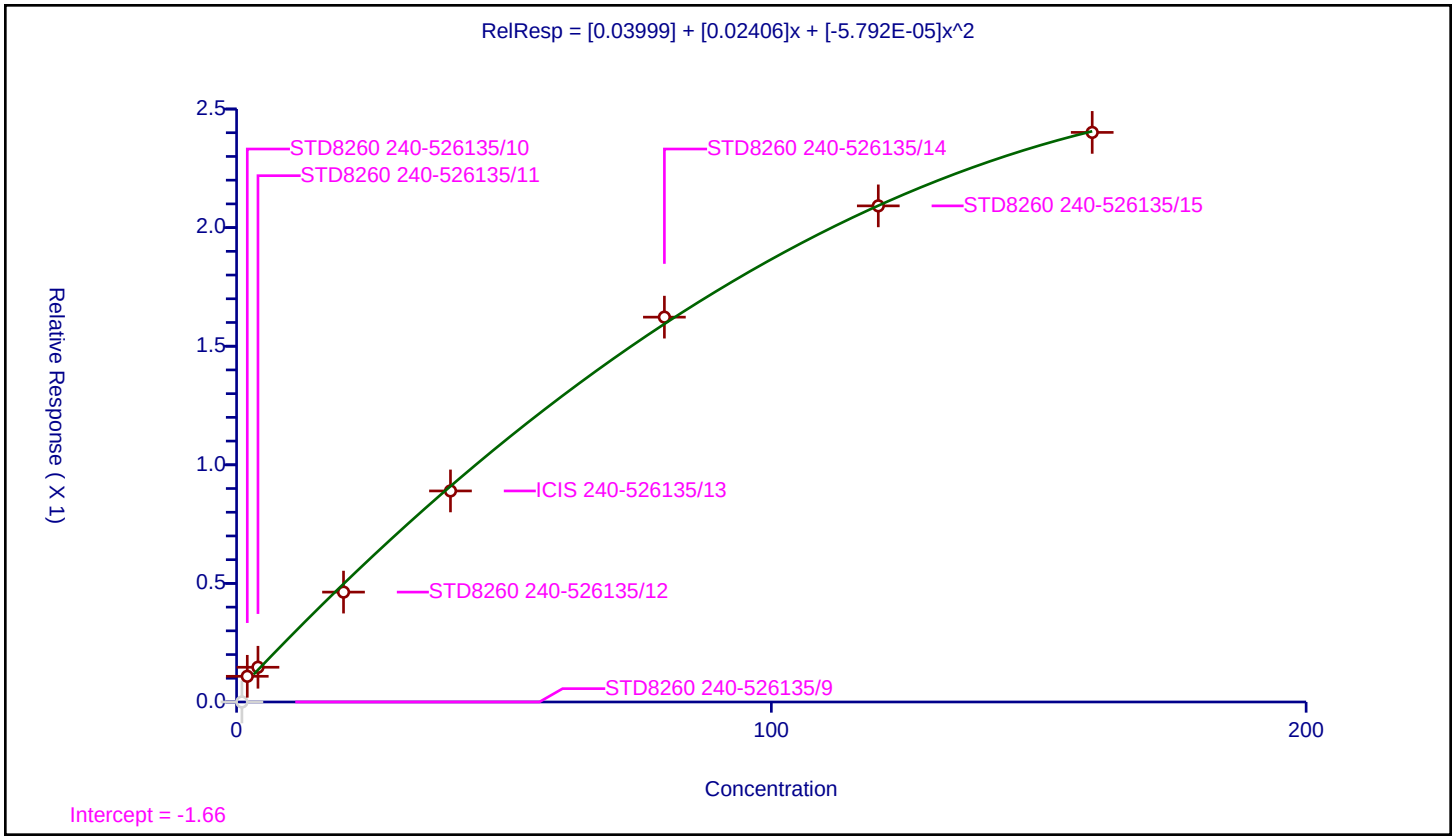
Curve Coefficients

Intercept:	0.03999
Slope:	0.02406
Second Order:	-5.792E-05

Error Coefficients

Standard Error:	86200
Relative Standard Error:	22.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	2.0	0.108293	20.0	905873.0	0.054147	Y
3	STD8260 240-526135/11	4.0	0.146491	20.0	856433.0	0.036623	Y
4	STD8260 240-526135/12	20.0	0.463274	20.0	911641.0	0.023164	Y
5	ICIS 240-526135/13	40.0	0.8898	20.0	919353.0	0.022245	Y
6	STD8260 240-526135/14	80.0	1.622491	20.0	930828.0	0.020281	Y
7	STD8260 240-526135/15	120.0	2.091663	20.0	931259.0	0.017431	Y
8	STD8260 240-526135/16	160.0	2.401396	20.0	926303.0	0.015009	Y



Calibration / Iodomethane

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

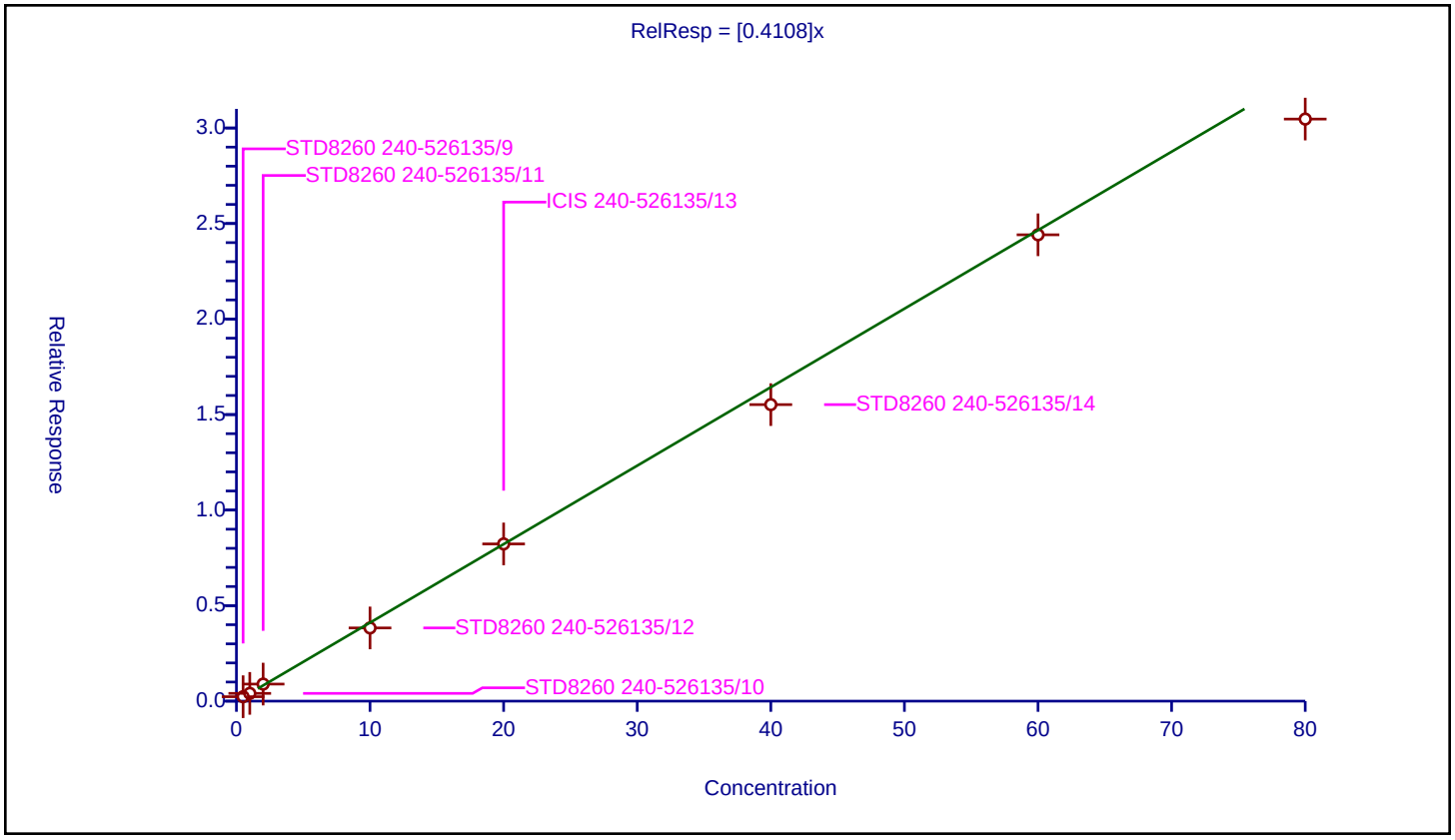
Curve Coefficients

Intercept:	0
Slope:	0.4108

Error Coefficients

Standard Error:	754000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.231701	20.0	849112.0	0.463402	Y
2	STD8260 240-526135/10	1.0	0.40668	20.0	905873.0	0.40668	Y
3	STD8260 240-526135/11	2.0	0.892446	20.0	856433.0	0.446223	Y
4	STD8260 240-526135/12	10.0	3.83232	20.0	911641.0	0.383232	Y
5	ICIS 240-526135/13	20.0	8.229353	20.0	919353.0	0.411468	Y
6	STD8260 240-526135/14	40.0	15.521256	20.0	930828.0	0.388031	Y
7	STD8260 240-526135/15	60.0	24.409987	20.0	931259.0	0.406833	Y
8	STD8260 240-526135/16	80.0	30.466856	20.0	926303.0	0.380836	Y



Calibration / Carbon disulfide

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

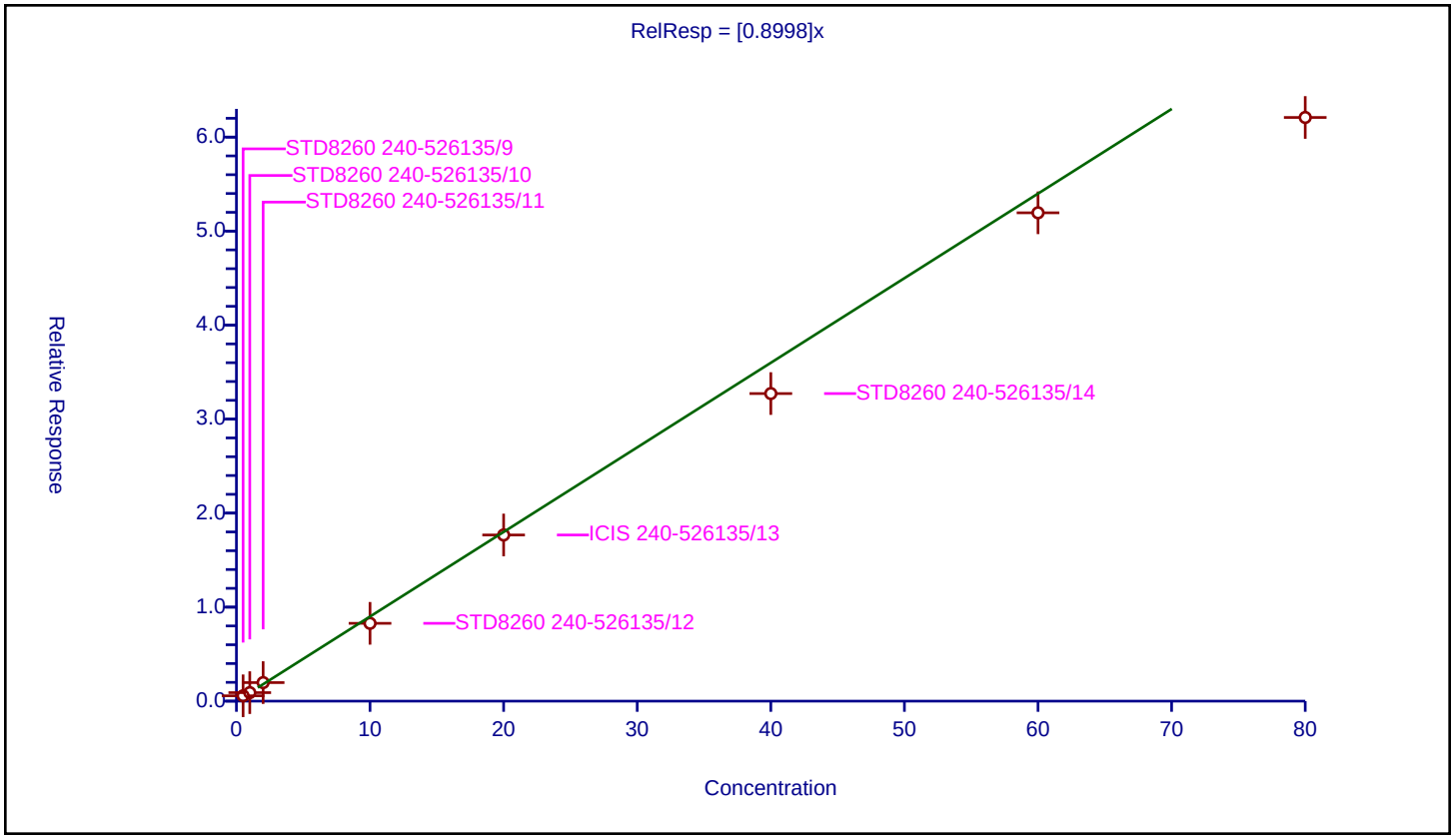
Curve Coefficients

Intercept:	0
Slope:	0.8998

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	12.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.567887	20.0	849112.0	1.135775	Y
2	STD8260 240-526135/10	1.0	0.904718	20.0	905873.0	0.904718	Y
3	STD8260 240-526135/11	2.0	1.973044	20.0	856433.0	0.986522	Y
4	STD8260 240-526135/12	10.0	8.278281	20.0	911641.0	0.827828	Y
5	ICIS 240-526135/13	20.0	17.67456	20.0	919353.0	0.883728	Y
6	STD8260 240-526135/14	40.0	32.718612	20.0	930828.0	0.817965	Y
7	STD8260 240-526135/15	60.0	51.946988	20.0	931259.0	0.865783	Y
8	STD8260 240-526135/16	80.0	62.08882	20.0	926303.0	0.77611	Y



Calibration / Methyl acetate

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

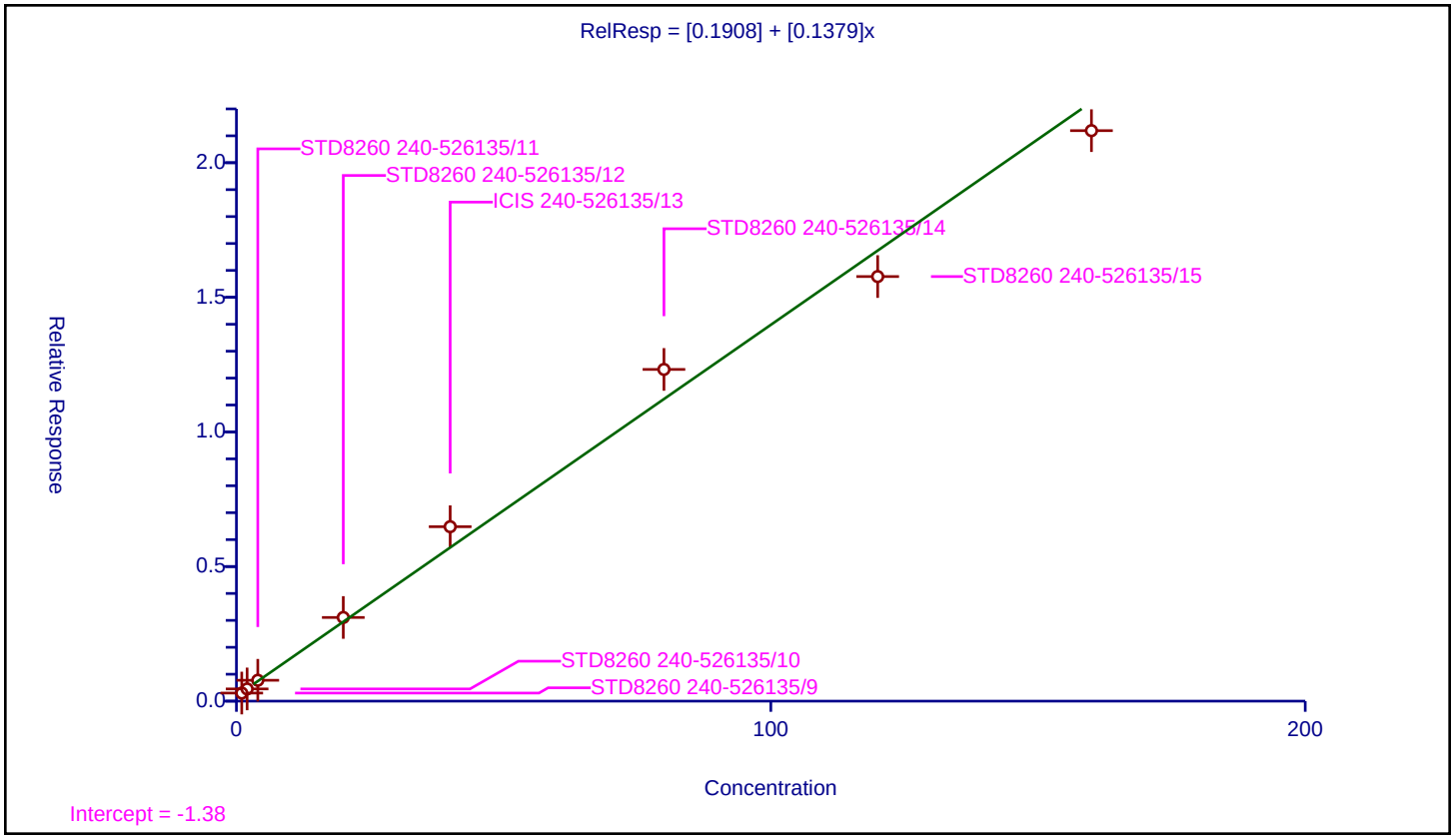
Curve Coefficients

Intercept:	0.1908
Slope:	0.1379

Error Coefficients

Standard Error:	569000
Relative Standard Error:	11.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.300761	20.0	849112.0	0.300761	Y
2	STD8260 240-526135/10	2.0	0.453397	20.0	905873.0	0.226698	Y
3	STD8260 240-526135/11	4.0	0.775122	20.0	856433.0	0.19378	Y
4	STD8260 240-526135/12	20.0	3.107671	20.0	911641.0	0.155384	Y
5	ICIS 240-526135/13	40.0	6.479405	20.0	919353.0	0.161985	Y
6	STD8260 240-526135/14	80.0	12.322126	20.0	930828.0	0.154027	Y
7	STD8260 240-526135/15	120.0	15.772261	20.0	931259.0	0.131436	Y
8	STD8260 240-526135/16	160.0	21.191705	20.0	926303.0	0.132448	Y



Calibration / 3-Chloro-1-propene

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

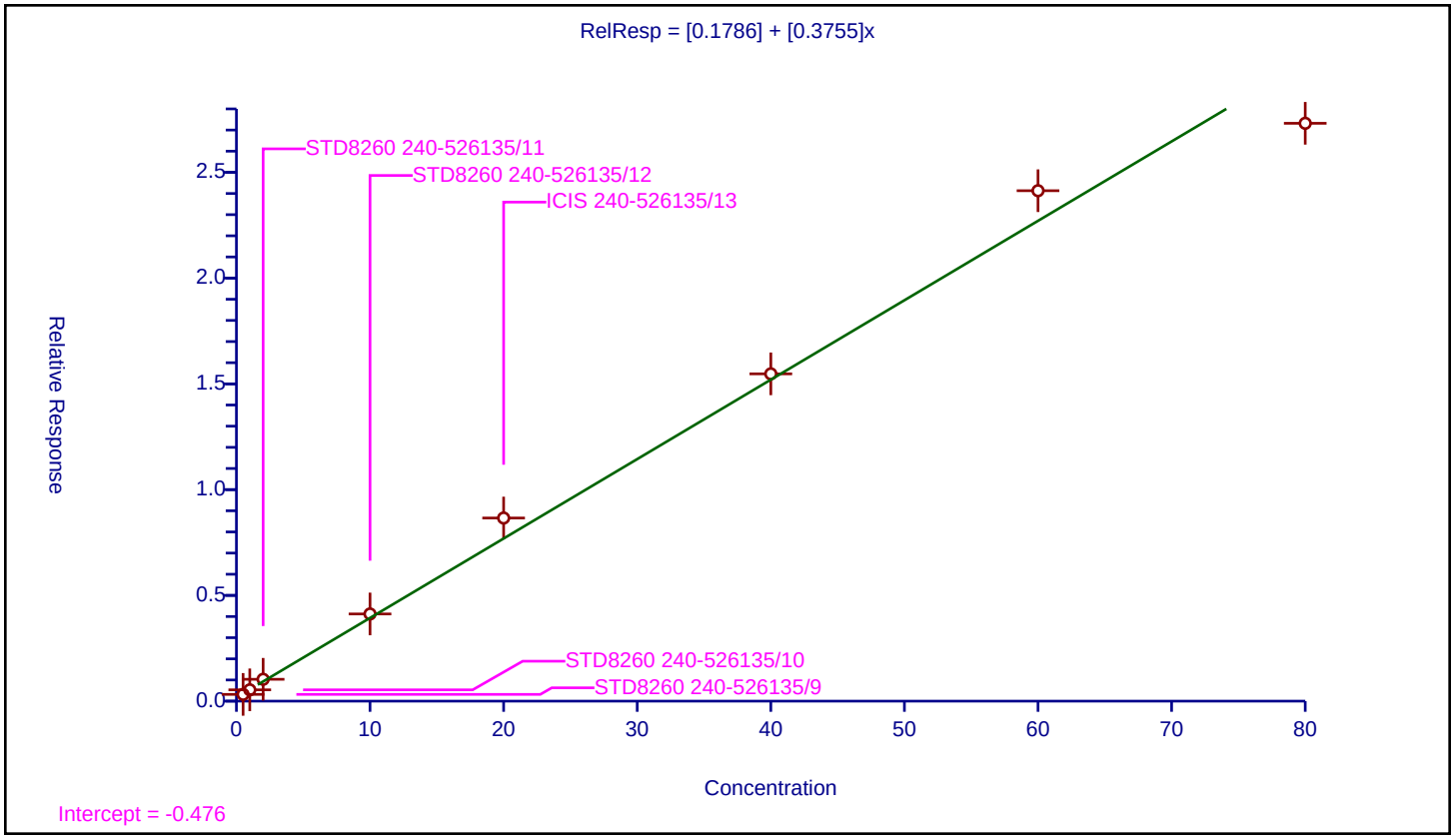
Curve Coefficients

Intercept:	0.1786
Slope:	0.3755

Error Coefficients

Standard Error:	772000
Relative Standard Error:	14.0
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.319416	20.0	849112.0	0.638832	Y
2	STD8260 240-526135/10	1.0	0.534093	20.0	905873.0	0.534093	Y
3	STD8260 240-526135/11	2.0	1.033589	20.0	856433.0	0.516795	Y
4	STD8260 240-526135/12	10.0	4.12193	20.0	911641.0	0.412193	Y
5	ICIS 240-526135/13	20.0	8.658067	20.0	919353.0	0.432903	Y
6	STD8260 240-526135/14	40.0	15.473729	20.0	930828.0	0.386843	Y
7	STD8260 240-526135/15	60.0	24.132363	20.0	931259.0	0.402206	Y
8	STD8260 240-526135/16	80.0	27.318275	20.0	926303.0	0.341478	Y



Calibration / Methylene Chloride

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

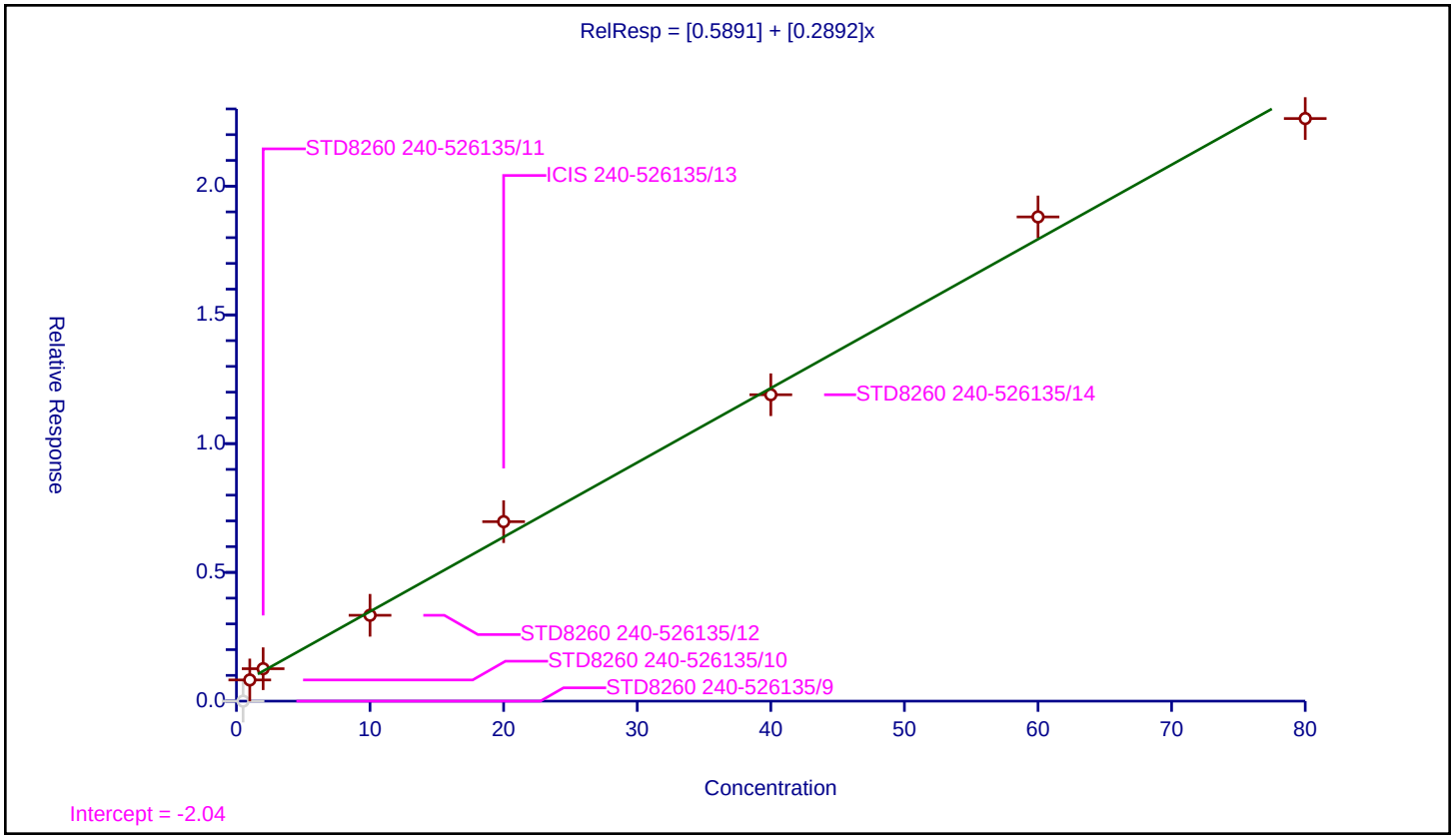
Curve Coefficients

Intercept:	0.5891
Slope:	0.2892

Error Coefficients

Standard Error:	678000
Relative Standard Error:	12.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	1.0	0.82261	20.0	905873.0	0.82261	Y
3	STD8260 240-526135/11	2.0	1.259783	20.0	856433.0	0.629892	Y
4	STD8260 240-526135/12	10.0	3.334229	20.0	911641.0	0.333423	Y
5	ICIS 240-526135/13	20.0	6.969597	20.0	919353.0	0.34848	Y
6	STD8260 240-526135/14	40.0	11.899535	20.0	930828.0	0.297488	Y
7	STD8260 240-526135/15	60.0	18.804951	20.0	931259.0	0.313416	Y
8	STD8260 240-526135/16	80.0	22.625577	20.0	926303.0	0.28282	Y



Calibration / 2-Methyl-2-propanol

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

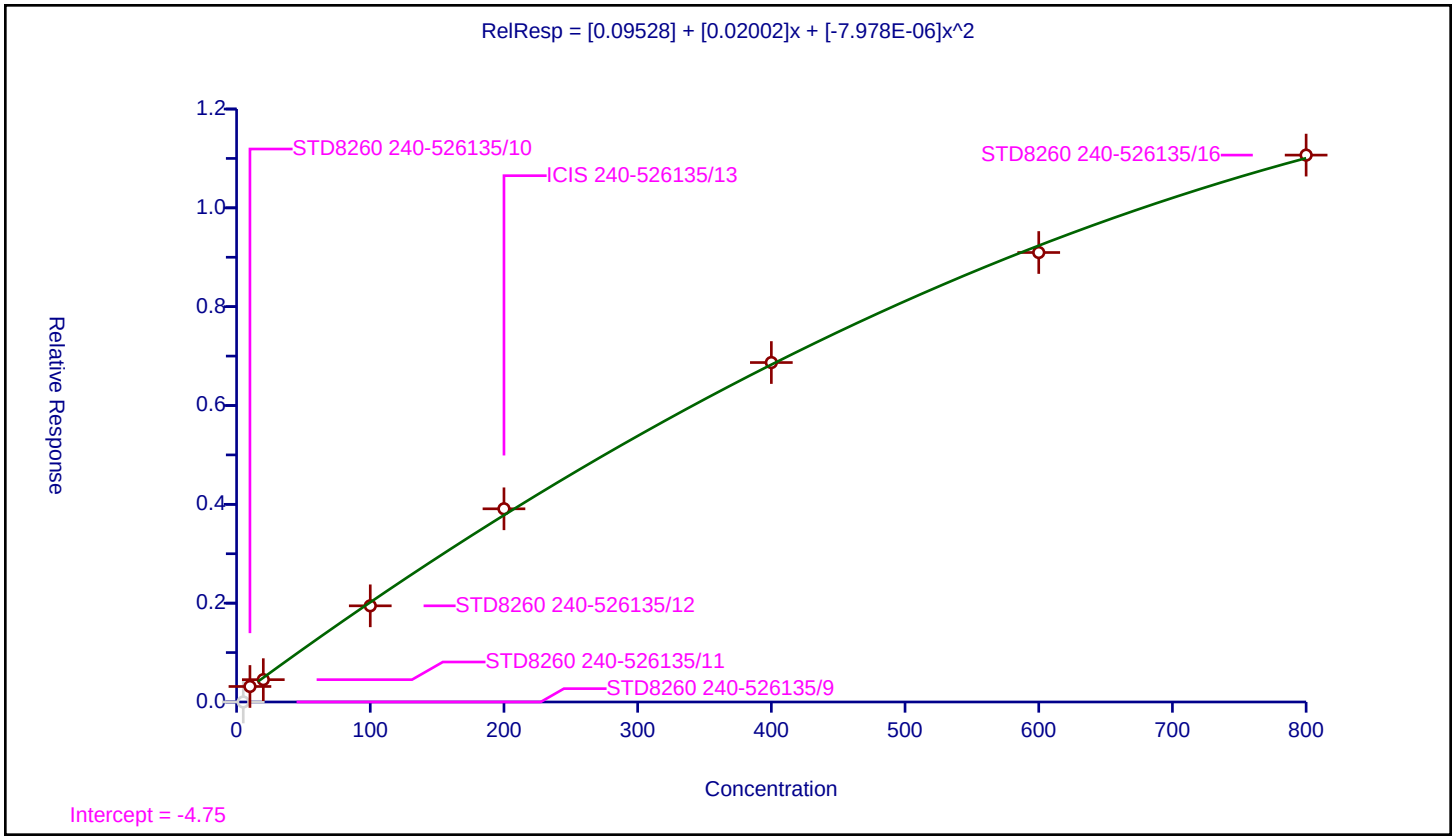
Curve Coefficients

Intercept:	0.09528
Slope:	0.02002
Second Order:	-7.978E-06

Error Coefficients

Standard Error:	382000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	5.0	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	10.0	0.313995	20.0	905873.0	0.0314	Y
3	STD8260 240-526135/11	20.0	0.451828	20.0	856433.0	0.022591	Y
4	STD8260 240-526135/12	100.0	1.946292	20.0	911641.0	0.019463	Y
5	ICIS 240-526135/13	200.0	3.909641	20.0	919353.0	0.019548	Y
6	STD8260 240-526135/14	400.0	6.869475	20.0	930828.0	0.017174	Y
7	STD8260 240-526135/15	600.0	9.096073	20.0	931259.0	0.01516	Y
8	STD8260 240-526135/16	800.0	11.067372	20.0	926303.0	0.013834	Y



Calibration / Acrylonitrile

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

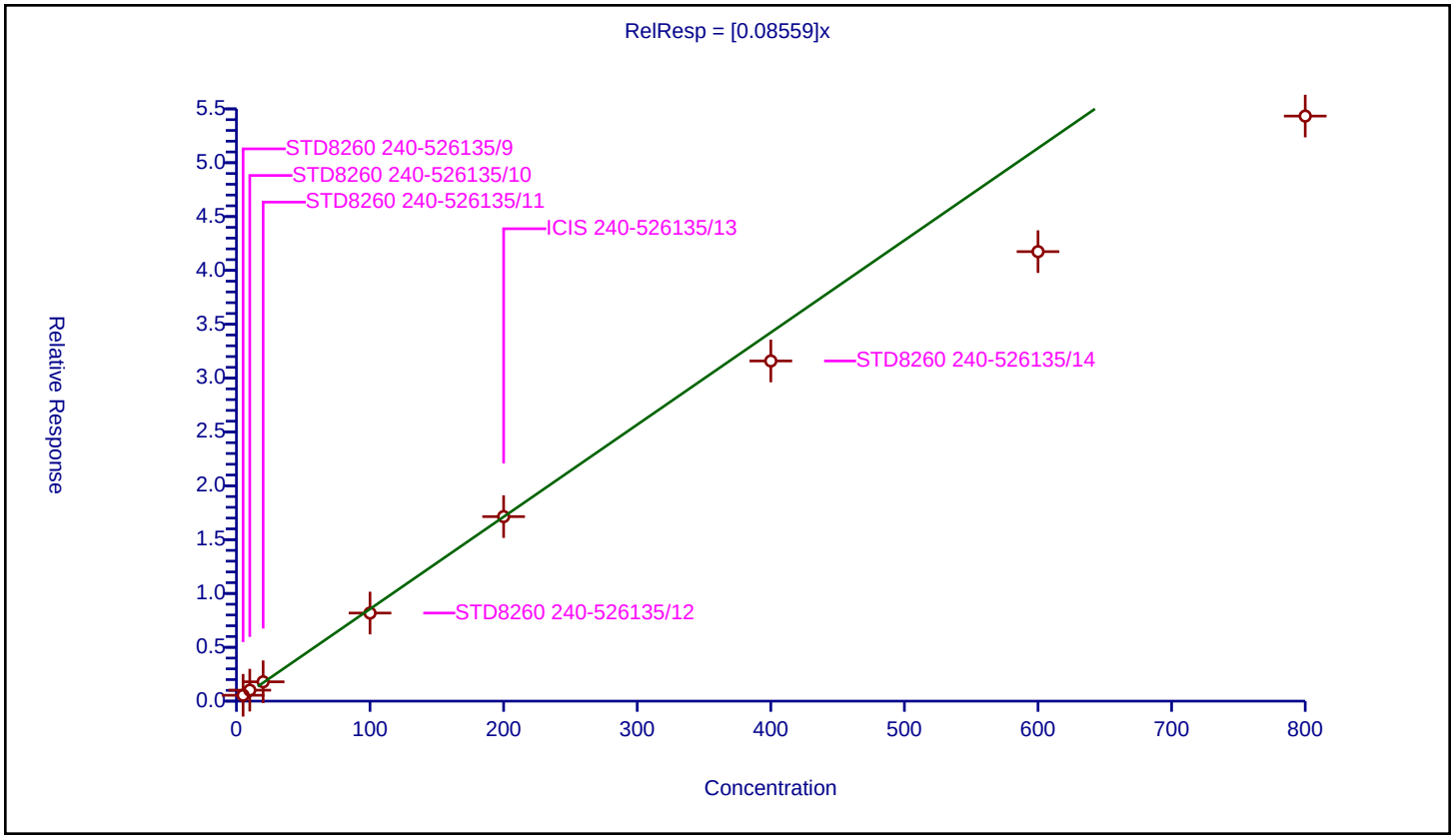
Curve Coefficients

Intercept:	0
Slope:	0.08559

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	16.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	5.0	0.545959	20.0	849112.0	0.109192	Y
2	STD8260 240-526135/10	10.0	1.017185	20.0	905873.0	0.101718	Y
3	STD8260 240-526135/11	20.0	1.796474	20.0	856433.0	0.089824	Y
4	STD8260 240-526135/12	100.0	8.179689	20.0	911641.0	0.081797	Y
5	ICIS 240-526135/13	200.0	17.136813	20.0	919353.0	0.085684	Y
6	STD8260 240-526135/14	400.0	31.592797	20.0	930828.0	0.078982	Y
7	STD8260 240-526135/15	600.0	41.746088	20.0	931259.0	0.069577	Y
8	STD8260 240-526135/16	800.0	54.334554	20.0	926303.0	0.067918	Y



Calibration / Methyl tert-butyl ether

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

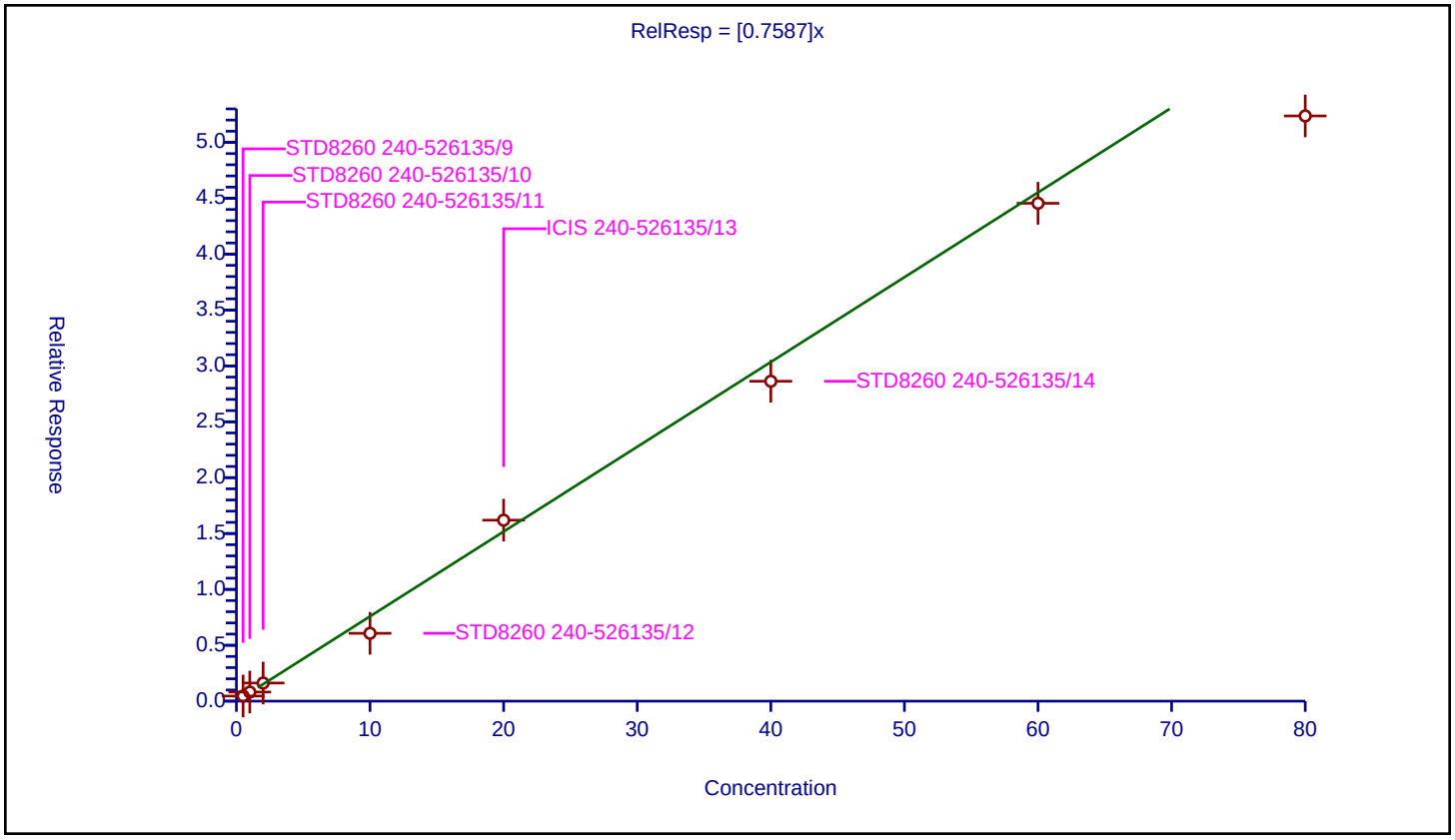
Curve Coefficients

Intercept:	0
Slope:	0.7587

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	13.1
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.457584	20.0	849112.0	0.915168	Y
2	STD8260 240-526135/10	1.0	0.814551	20.0	905873.0	0.814551	Y
3	STD8260 240-526135/11	2.0	1.620839	20.0	856433.0	0.810419	Y
4	STD8260 240-526135/12	10.0	6.069736	20.0	911641.0	0.606974	Y
5	ICIS 240-526135/13	20.0	16.19465	20.0	919353.0	0.809732	Y
6	STD8260 240-526135/14	40.0	28.626513	20.0	930828.0	0.715663	Y
7	STD8260 240-526135/15	60.0	44.551838	20.0	931259.0	0.742531	Y
8	STD8260 240-526135/16	80.0	52.368804	20.0	926303.0	0.65461	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

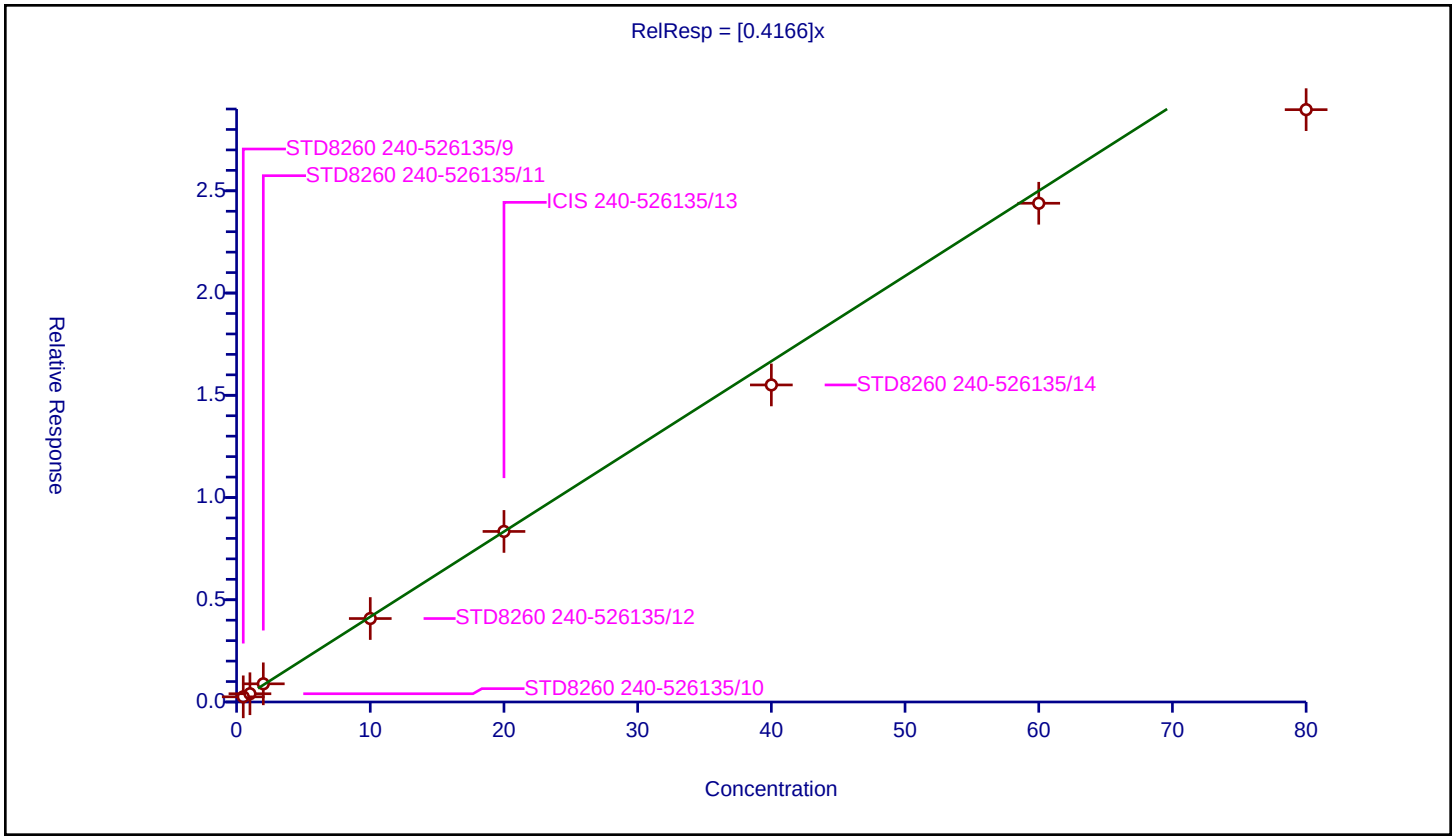
Curve Coefficients

Intercept:	0
Slope:	0.4166

Error Coefficients

Standard Error:	736000
Relative Standard Error:	10.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.251792	20.0	849112.0	0.503585	Y
2	STD8260 240-526135/10	1.0	0.404008	20.0	905873.0	0.404008	Y
3	STD8260 240-526135/11	2.0	0.888266	20.0	856433.0	0.444133	Y
4	STD8260 240-526135/12	10.0	4.080883	20.0	911641.0	0.408088	Y
5	ICIS 240-526135/13	20.0	8.341301	20.0	919353.0	0.417065	Y
6	STD8260 240-526135/14	40.0	15.505679	20.0	930828.0	0.387642	Y
7	STD8260 240-526135/15	60.0	24.391303	20.0	931259.0	0.406522	Y
8	STD8260 240-526135/16	80.0	28.96821	20.0	926303.0	0.362103	Y



Calibration / Hexane

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

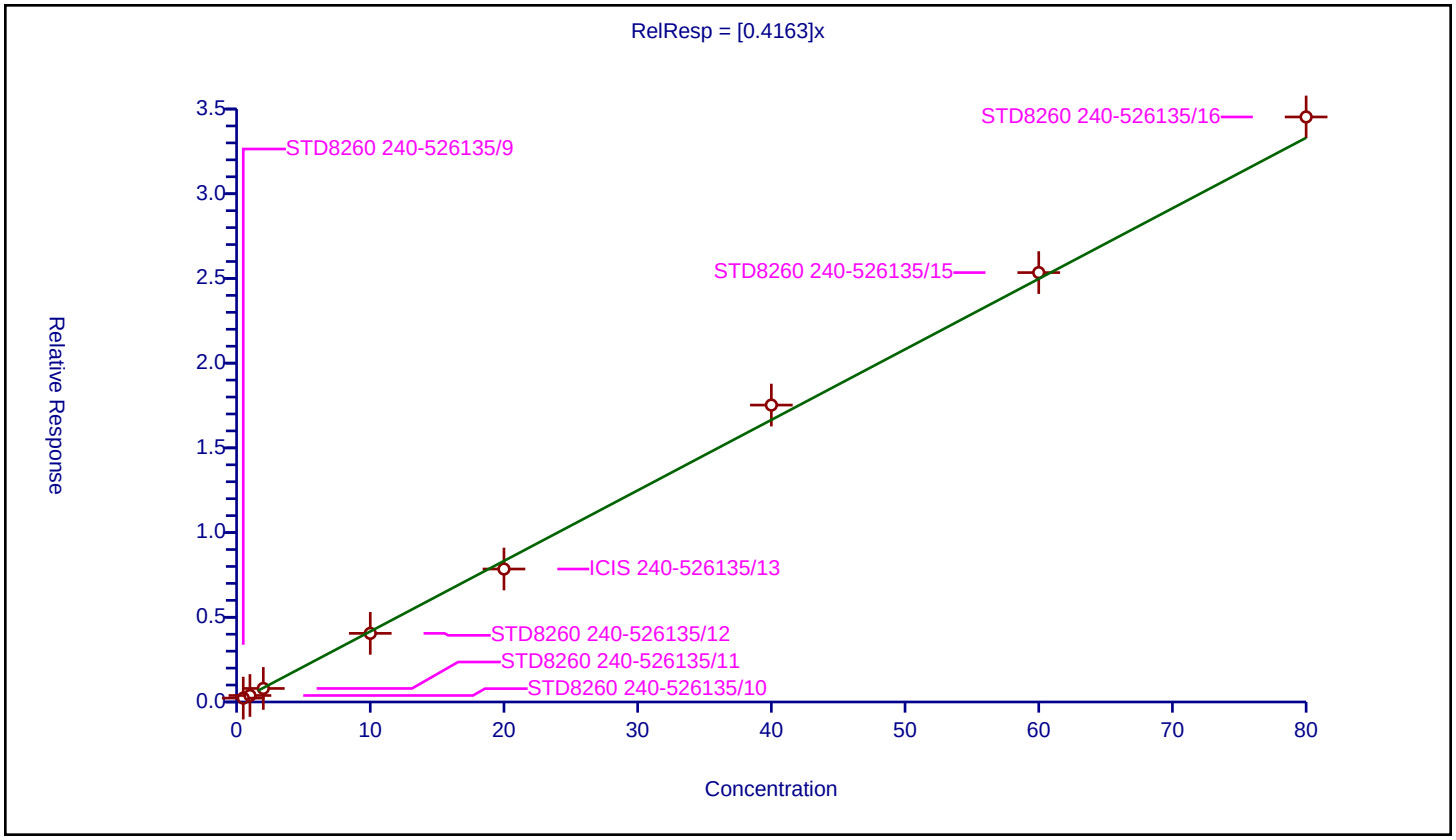
Curve Coefficients

Intercept:	0
Slope:	0.4163

Error Coefficients

Standard Error:	826000
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	STD8260 240-526135/9	0.5	0.229086	20.0	849112.0	0.458173	Y
2	STD8260 240-526135/10	1.0	0.382681	20.0	905873.0	0.382681	Y
3	STD8260 240-526135/11	2.0	0.799292	20.0	856433.0	0.399646	Y
4	STD8260 240-526135/12	10.0	4.050169	20.0	911641.0	0.405017	Y
5	ICIS 240-526135/13	20.0	7.848911	20.0	919353.0	0.392446	Y
6	STD8260 240-526135/14	40.0	17.525601	20.0	930828.0	0.43814	Y
7	STD8260 240-526135/15	60.0	25.344636	20.0	931259.0	0.422411	Y
8	STD8260 240-526135/16	80.0	34.530774	20.0	926303.0	0.431635	Y



Calibration / Vinyl acetate

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

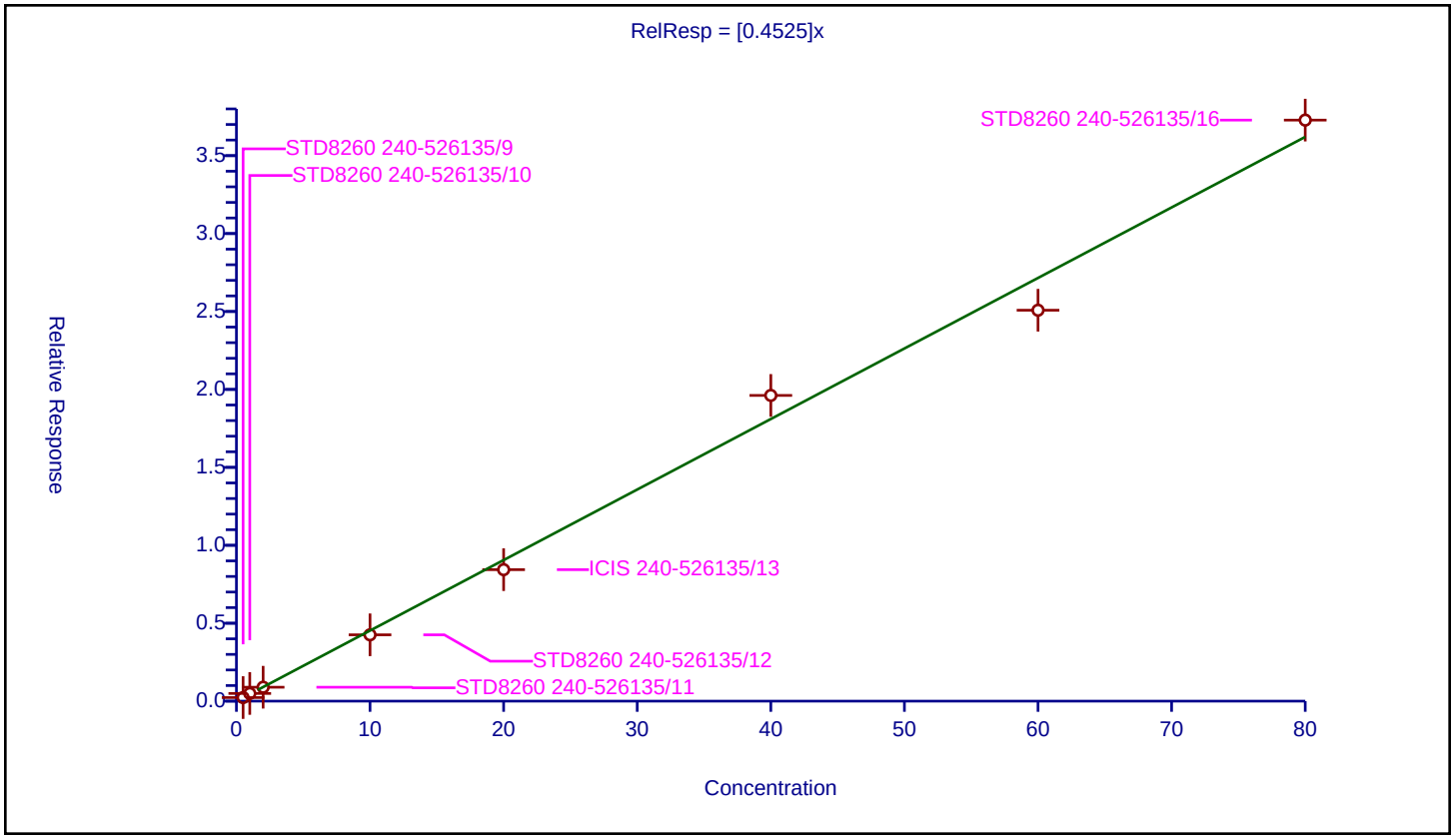
Curve Coefficients

Intercept:	0
Slope:	0.4525

Error Coefficients

Standard Error:	876000
Relative Standard Error:	6.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.229958	20.0	849112.0	0.459916	Y
2	STD8260 240-526135/10	1.0	0.492497	20.0	905873.0	0.492497	Y
3	STD8260 240-526135/11	2.0	0.892119	20.0	856433.0	0.446059	Y
4	STD8260 240-526135/12	10.0	4.255425	20.0	911641.0	0.425543	Y
5	ICIS 240-526135/13	20.0	8.43565	20.0	919353.0	0.421782	Y
6	STD8260 240-526135/14	40.0	19.614966	20.0	930828.0	0.490374	Y
7	STD8260 240-526135/15	60.0	25.081766	20.0	931259.0	0.418029	Y
8	STD8260 240-526135/16	80.0	37.281235	20.0	926303.0	0.466015	Y



Calibration / 1,1-Dichloroethane

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

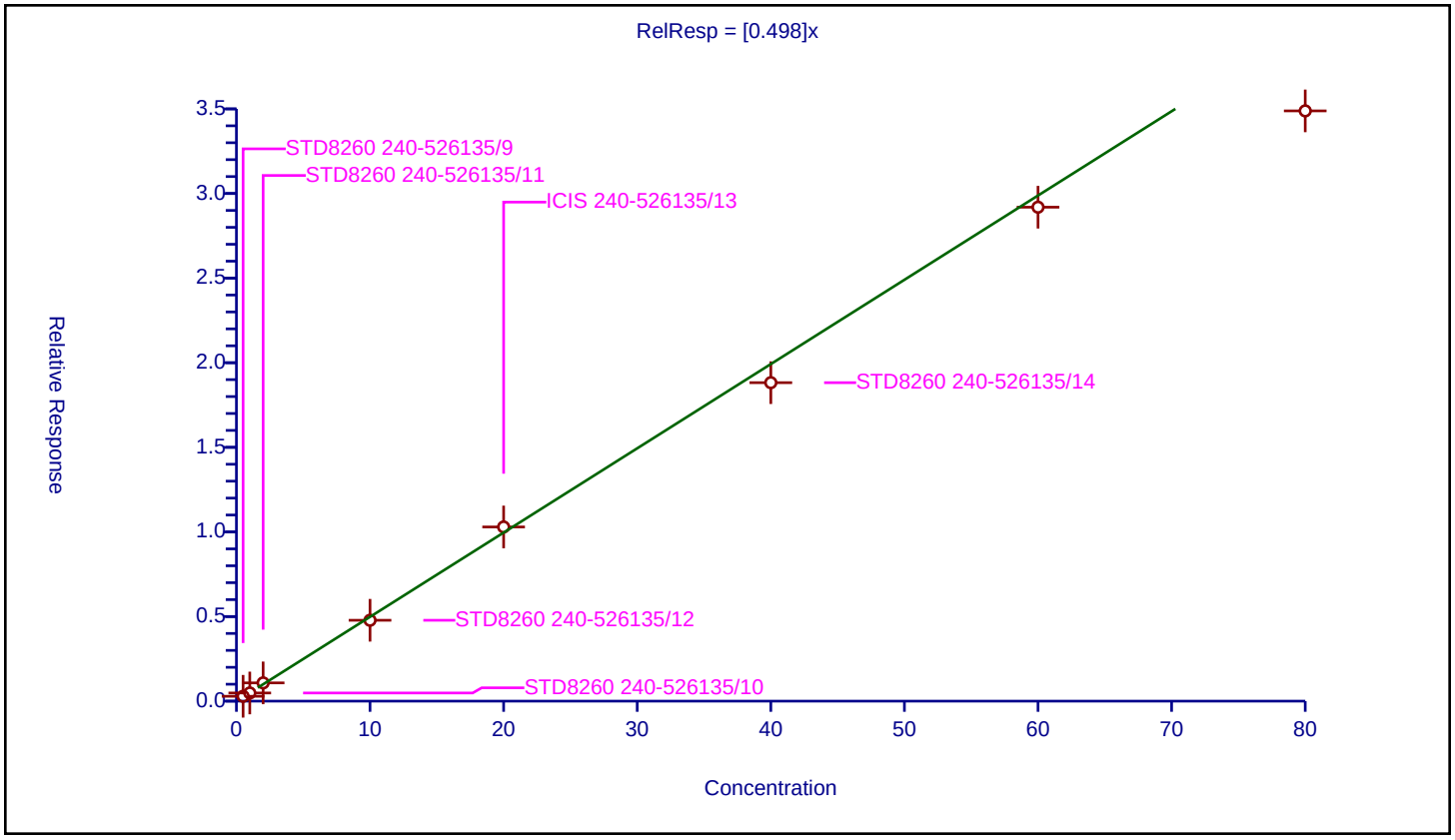
Curve Coefficients

Intercept:	0
Slope:	0.498

Error Coefficients

Standard Error:	886000
Relative Standard Error:	8.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.287689	20.0	849112.0	0.575378	Y
2	STD8260 240-526135/10	1.0	0.483114	20.0	905873.0	0.483114	Y
3	STD8260 240-526135/11	2.0	1.079454	20.0	856433.0	0.539727	Y
4	STD8260 240-526135/12	10.0	4.779886	20.0	911641.0	0.477989	Y
5	ICIS 240-526135/13	20.0	10.293652	20.0	919353.0	0.514683	Y
6	STD8260 240-526135/14	40.0	18.82105	20.0	930828.0	0.470526	Y
7	STD8260 240-526135/15	60.0	29.19029	20.0	931259.0	0.486505	Y
8	STD8260 240-526135/16	80.0	34.881373	20.0	926303.0	0.436017	Y



Calibration / 2-Butanone (MEK)

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

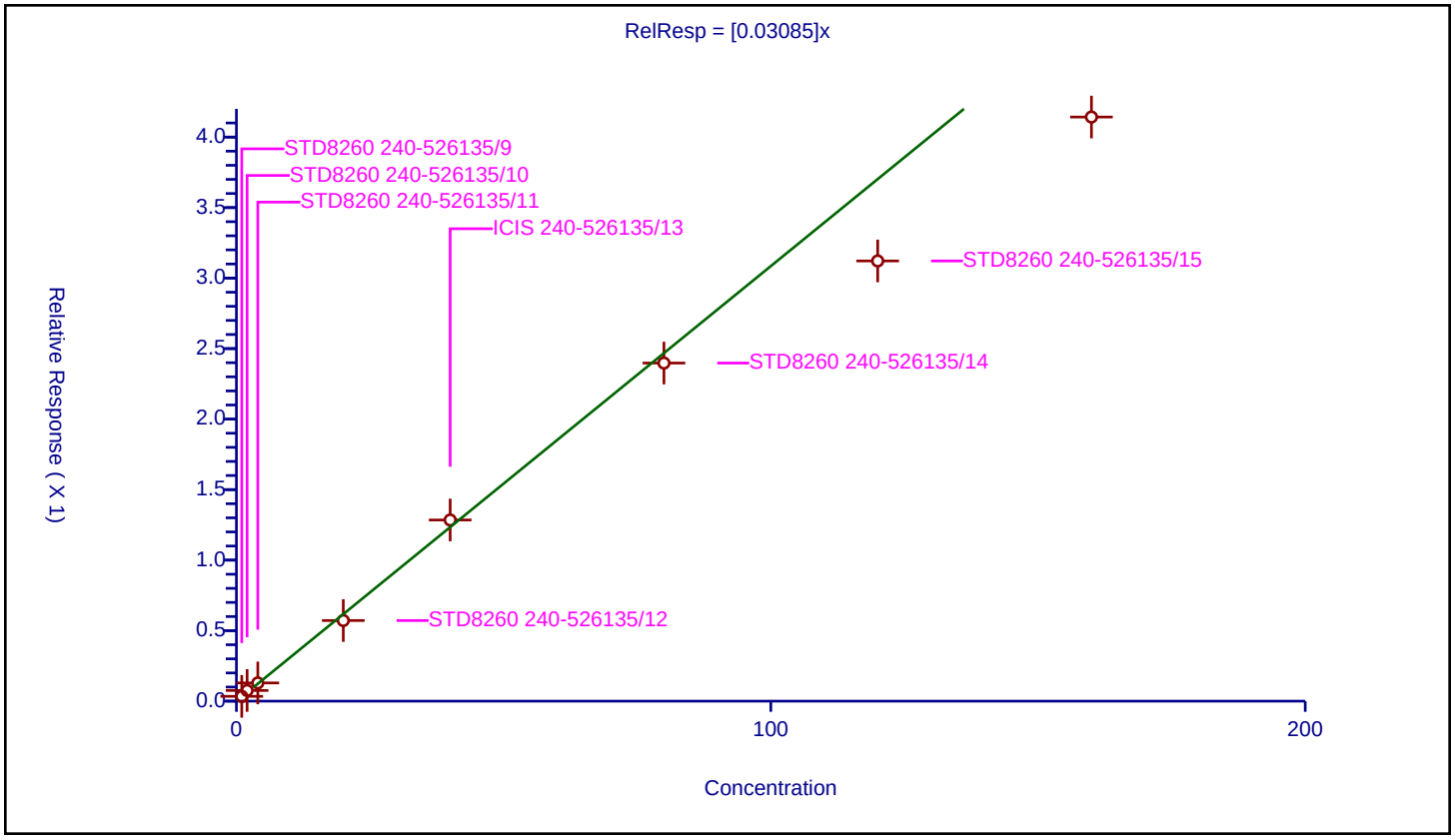
Curve Coefficients

Intercept:	0
Slope:	0.03085

Error Coefficients

Standard Error:	103000
Relative Standard Error:	13.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.034177	20.0	849112.0	0.034177	Y
2	STD8260 240-526135/10	2.0	0.075596	20.0	905873.0	0.037798	Y
3	STD8260 240-526135/11	4.0	0.129024	20.0	856433.0	0.032256	Y
4	STD8260 240-526135/12	20.0	0.571585	20.0	911641.0	0.028579	Y
5	ICIS 240-526135/13	40.0	1.284621	20.0	919353.0	0.032116	Y
6	STD8260 240-526135/14	80.0	2.397521	20.0	930828.0	0.029969	Y
7	STD8260 240-526135/15	120.0	3.121624	20.0	931259.0	0.026014	Y
8	STD8260 240-526135/16	160.0	4.14223	20.0	926303.0	0.025889	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

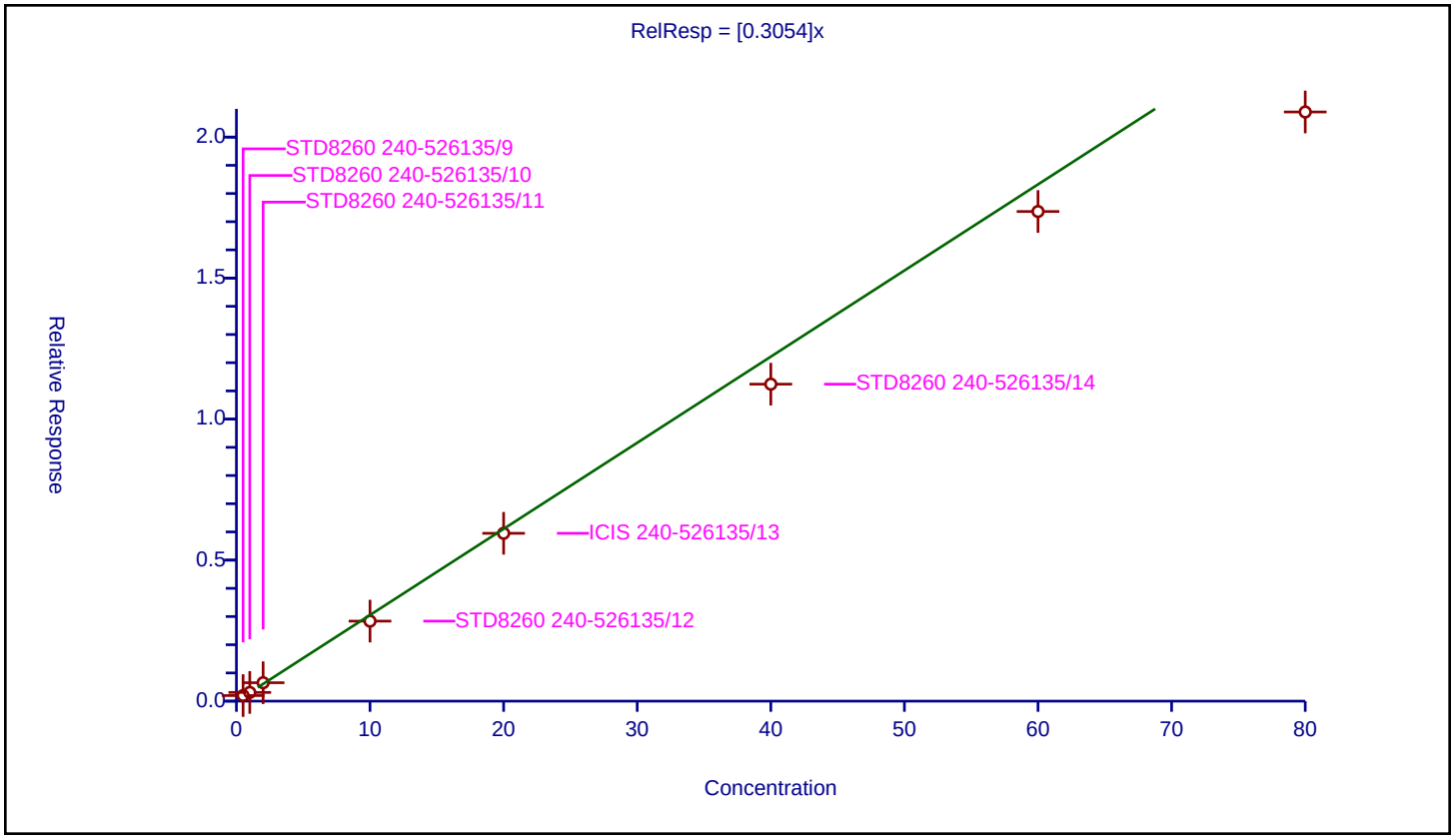
Curve Coefficients

Intercept:	0
Slope:	0.3054

Error Coefficients

Standard Error:	529000
Relative Standard Error:	13.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.197595	20.0	849112.0	0.395189	Y
2	STD8260 240-526135/10	1.0	0.308719	20.0	905873.0	0.308719	Y
3	STD8260 240-526135/11	2.0	0.652614	20.0	856433.0	0.326307	Y
4	STD8260 240-526135/12	10.0	2.837169	20.0	911641.0	0.283717	Y
5	ICIS 240-526135/13	20.0	5.951033	20.0	919353.0	0.297552	Y
6	STD8260 240-526135/14	40.0	11.239585	20.0	930828.0	0.28099	Y
7	STD8260 240-526135/15	60.0	17.361056	20.0	931259.0	0.289351	Y
8	STD8260 240-526135/16	80.0	20.88999	20.0	926303.0	0.261125	Y



Calibration / 2,2-Dichloropropane

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

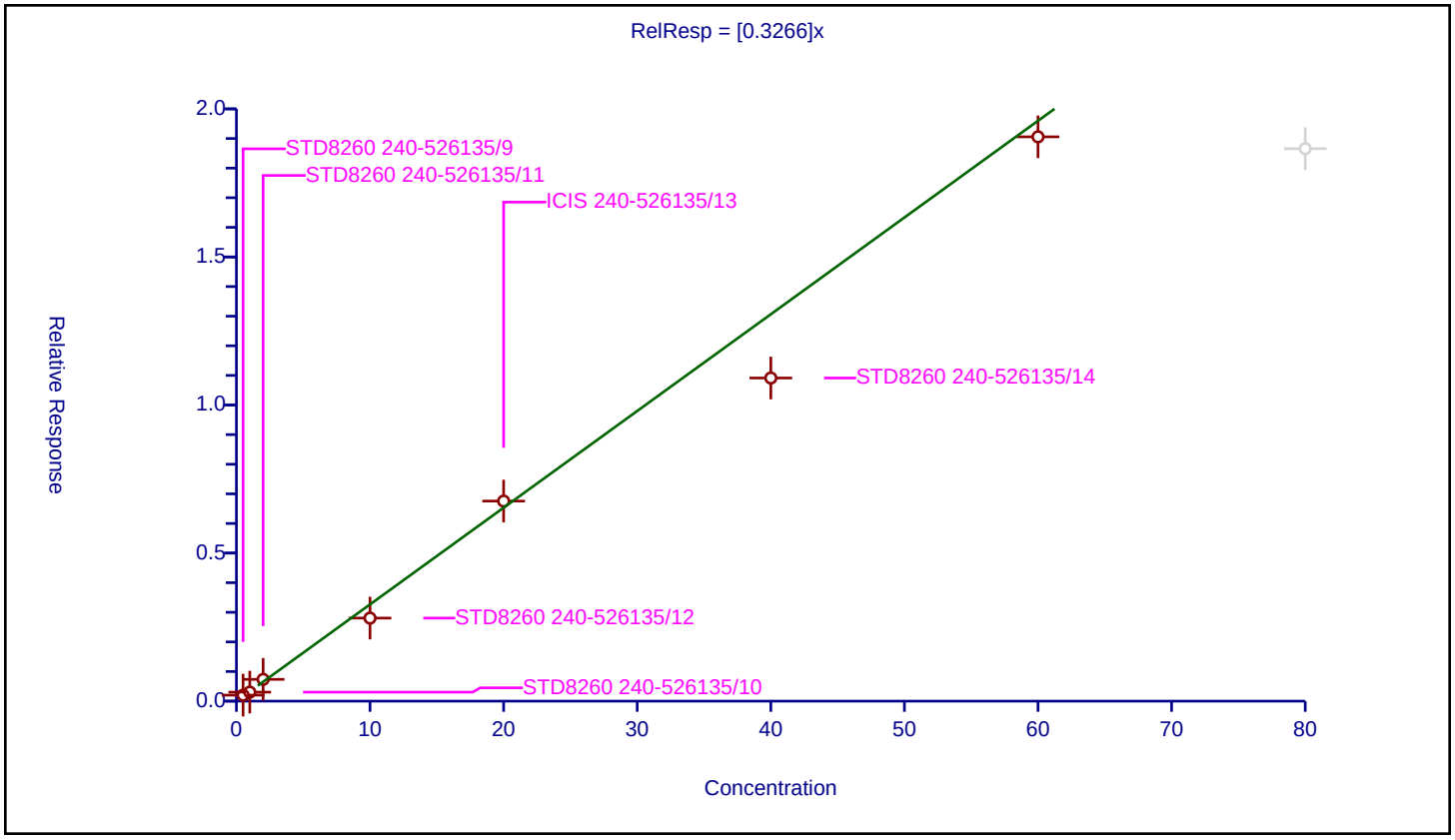
Curve Coefficients

Intercept:	0
Slope:	0.3266

Error Coefficients

Standard Error:	440000
Relative Standard Error:	14.6
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.202659	20.0	849112.0	0.405318	Y
2	STD8260 240-526135/10	1.0	0.304877	20.0	905873.0	0.304877	Y
3	STD8260 240-526135/11	2.0	0.734979	20.0	856433.0	0.367489	Y
4	STD8260 240-526135/12	10.0	2.804591	20.0	911641.0	0.280459	Y
5	ICIS 240-526135/13	20.0	6.756208	20.0	919353.0	0.33781	Y
6	STD8260 240-526135/14	40.0	10.912091	20.0	930828.0	0.272802	Y
7	STD8260 240-526135/15	60.0	19.05631	20.0	931259.0	0.317605	Y
8	STD8260 240-526135/16	80.0	18.656422	20.0	926303.0	0.233205	N



Calibration / Chlorobromomethane

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

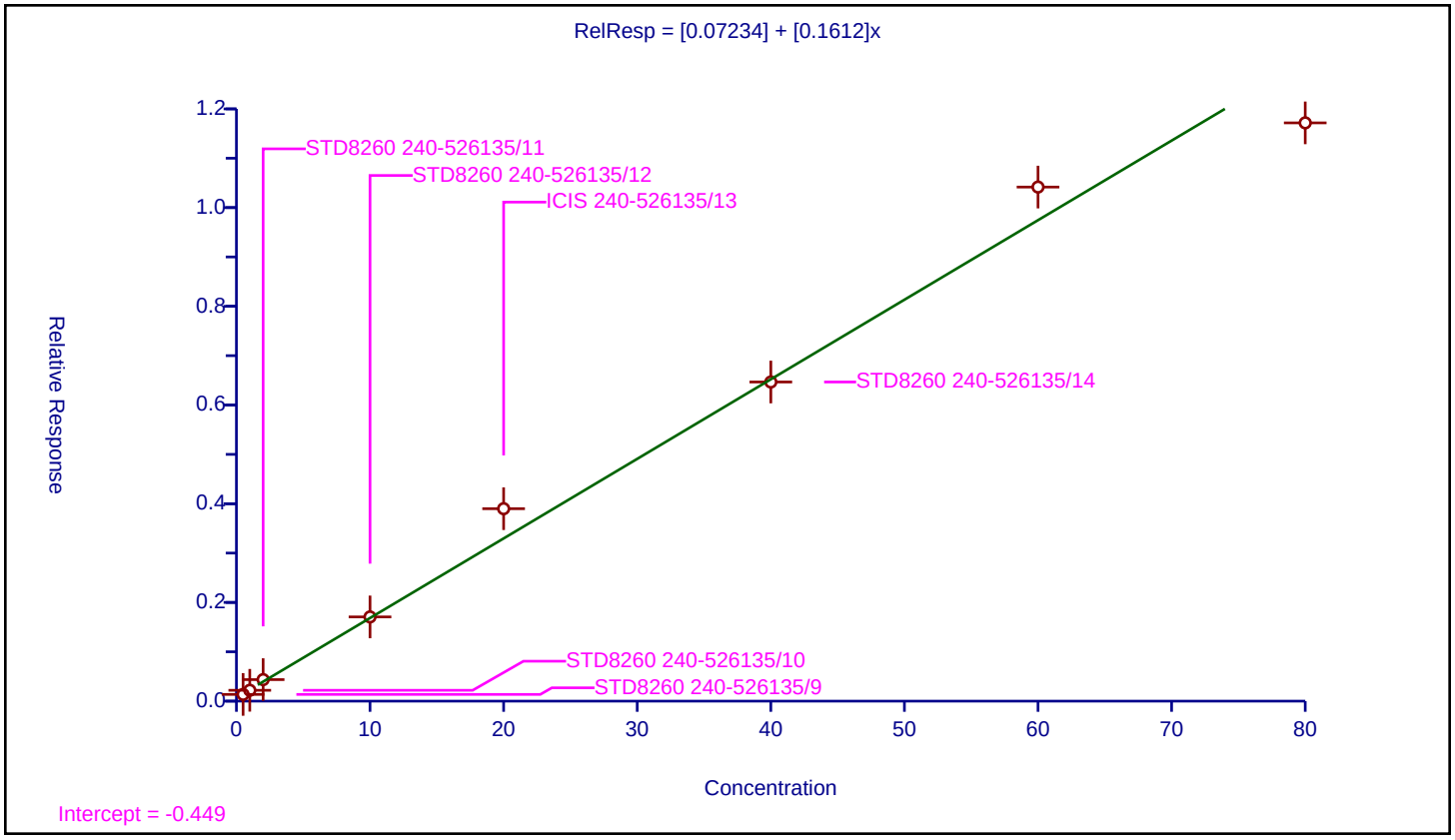
Curve Coefficients

Intercept:	0.07234
Slope:	0.1612

Error Coefficients

Standard Error:	331000
Relative Standard Error:	14.0
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.136072	20.0	849112.0	0.272143	Y
2	STD8260 240-526135/10	1.0	0.220075	20.0	905873.0	0.220075	Y
3	STD8260 240-526135/11	2.0	0.436251	20.0	856433.0	0.218126	Y
4	STD8260 240-526135/12	10.0	1.706417	20.0	911641.0	0.170642	Y
5	ICIS 240-526135/13	20.0	3.899199	20.0	919353.0	0.19496	Y
6	STD8260 240-526135/14	40.0	6.466178	20.0	930828.0	0.161654	Y
7	STD8260 240-526135/15	60.0	10.416307	20.0	931259.0	0.173605	Y
8	STD8260 240-526135/16	80.0	11.716814	20.0	926303.0	0.14646	Y



Calibration / Tetrahydrofuran

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

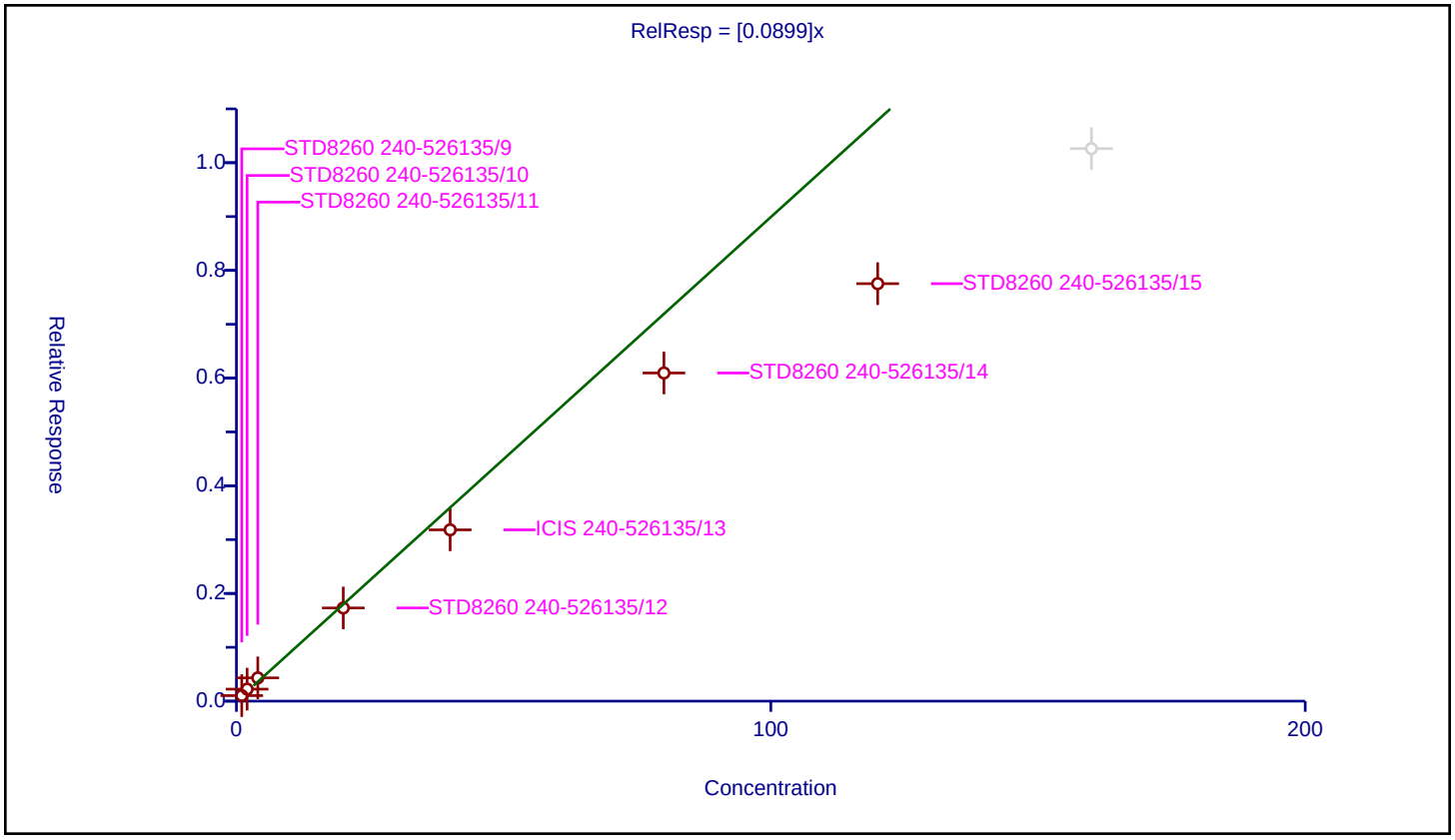
Curve Coefficients

Intercept:	0
Slope:	0.0899

Error Coefficients

Standard Error:	200000
Relative Standard Error:	19.8
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.936

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.103002	20.0	849112.0	0.103002	Y
2	STD8260 240-526135/10	2.0	0.222923	20.0	905873.0	0.111462	Y
3	STD8260 240-526135/11	4.0	0.431931	20.0	856433.0	0.107983	Y
4	STD8260 240-526135/12	20.0	1.730484	20.0	911641.0	0.086524	Y
5	ICIS 240-526135/13	40.0	3.181629	20.0	919353.0	0.079541	Y
6	STD8260 240-526135/14	80.0	6.094703	20.0	930828.0	0.076184	Y
7	STD8260 240-526135/15	120.0	7.75374	20.0	931259.0	0.064614	Y
8	STD8260 240-526135/16	160.0	10.262106	20.0	926303.0	0.064138	N



Calibration / Chloroform

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

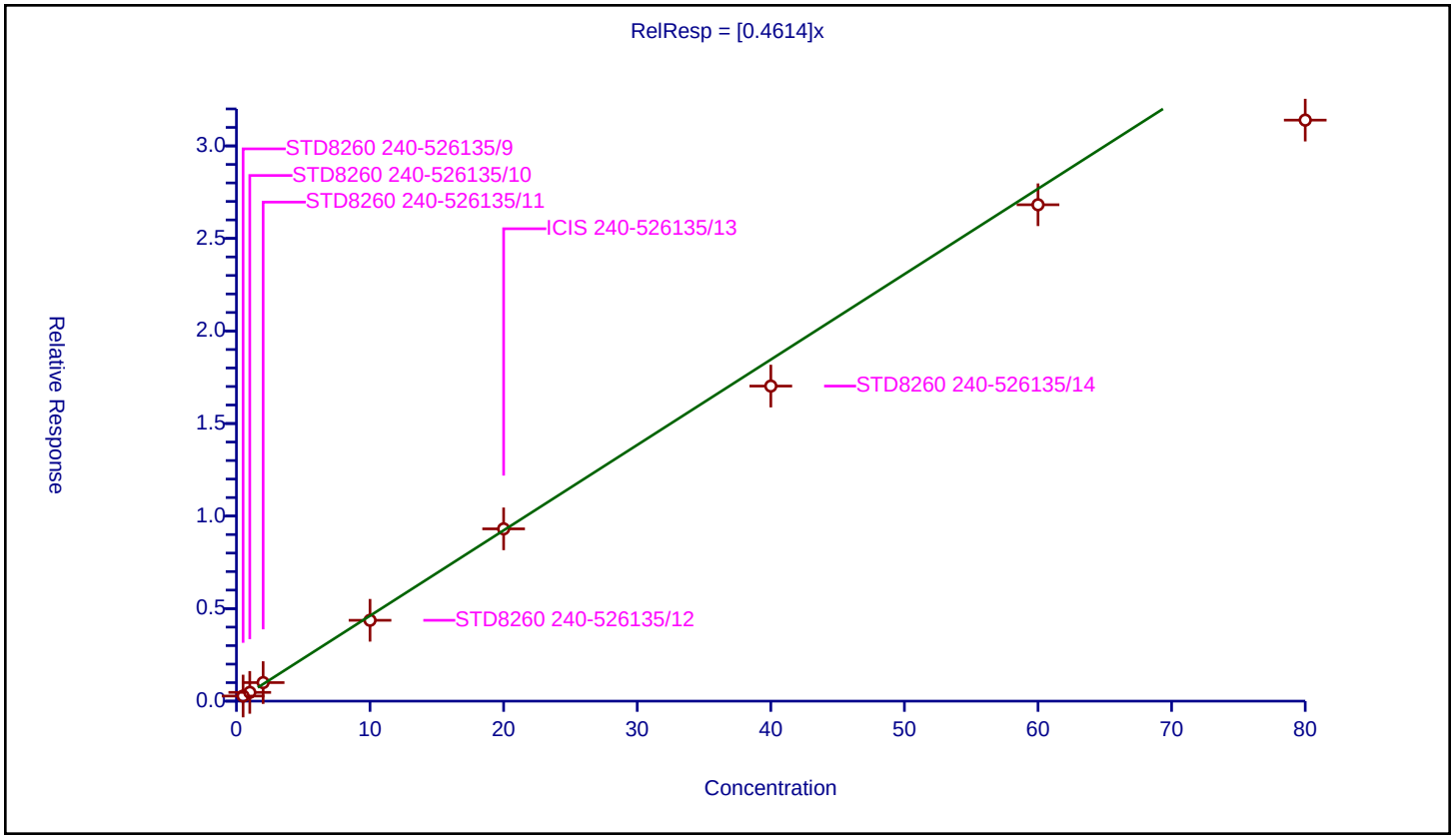
Curve Coefficients

Intercept:	0
Slope:	0.4614

Error Coefficients

Standard Error:	804000
Relative Standard Error:	10.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.274993	20.0	849112.0	0.549986	Y
2	STD8260 240-526135/10	1.0	0.47287	20.0	905873.0	0.47287	Y
3	STD8260 240-526135/11	2.0	1.001923	20.0	856433.0	0.500962	Y
4	STD8260 240-526135/12	10.0	4.368606	20.0	911641.0	0.436861	Y
5	ICIS 240-526135/13	20.0	9.308633	20.0	919353.0	0.465432	Y
6	STD8260 240-526135/14	40.0	17.02379	20.0	930828.0	0.425595	Y
7	STD8260 240-526135/15	60.0	26.820272	20.0	931259.0	0.447005	Y
8	STD8260 240-526135/16	80.0	31.394846	20.0	926303.0	0.392436	Y



Calibration / Dibromofluoromethane (Surr)

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

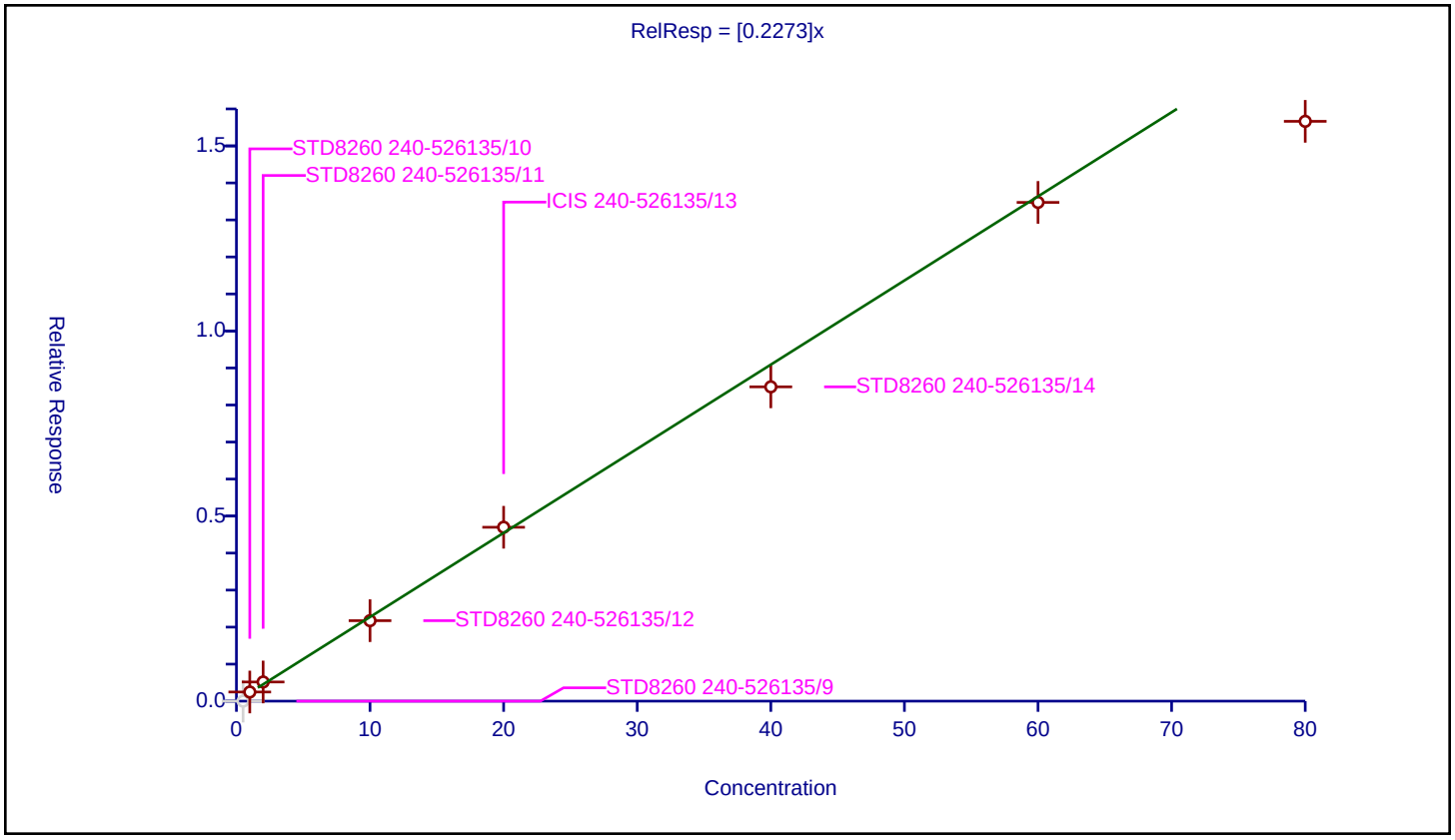
Curve Coefficients

Intercept:	0
Slope:	0.2273

Error Coefficients

Standard Error:	435000
Relative Standard Error:	9.4
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	1.0	0.247165	20.0	905873.0	0.247165	Y
3	STD8260 240-526135/11	2.0	0.517542	20.0	856433.0	0.258771	Y
4	STD8260 240-526135/12	10.0	2.174101	20.0	911641.0	0.21741	Y
5	ICIS 240-526135/13	20.0	4.697826	20.0	919353.0	0.234891	Y
6	STD8260 240-526135/14	40.0	8.490956	20.0	930828.0	0.212274	Y
7	STD8260 240-526135/15	60.0	13.473974	20.0	931259.0	0.224566	Y
8	STD8260 240-526135/16	80.0	15.664313	20.0	926303.0	0.195804	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

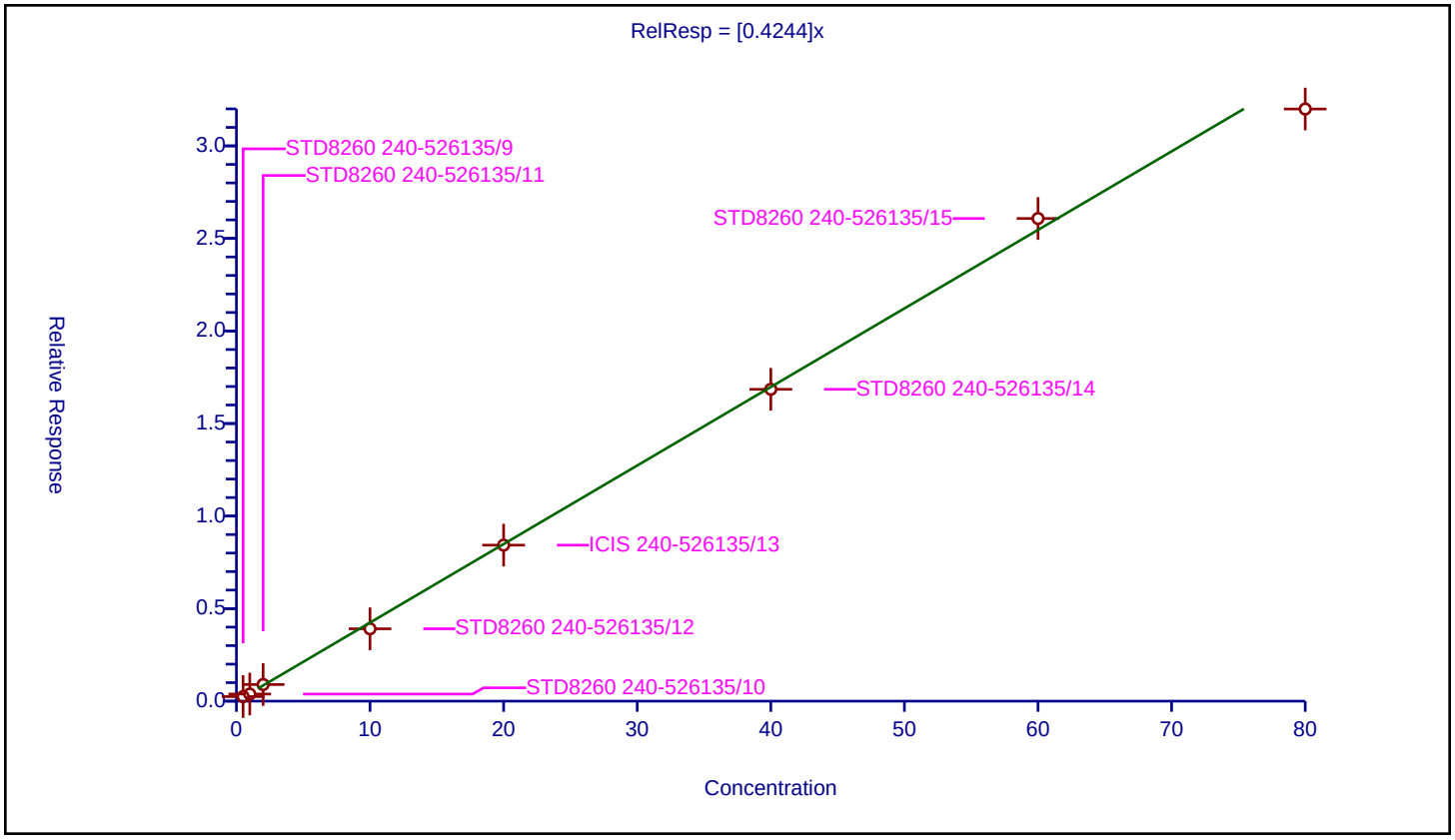
Curve Coefficients

Intercept:	0
Slope:	0.4244

Error Coefficients

Standard Error:	799000
Relative Standard Error:	8.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.247341	20.0	849112.0	0.494682	Y
2	STD8260 240-526135/10	1.0	0.383122	20.0	905873.0	0.383122	Y
3	STD8260 240-526135/11	2.0	0.897747	20.0	856433.0	0.448873	Y
4	STD8260 240-526135/12	10.0	3.909302	20.0	911641.0	0.39093	Y
5	ICIS 240-526135/13	20.0	8.428667	20.0	919353.0	0.421433	Y
6	STD8260 240-526135/14	40.0	16.850009	20.0	930828.0	0.42125	Y
7	STD8260 240-526135/15	60.0	26.077922	20.0	931259.0	0.434632	Y
8	STD8260 240-526135/16	80.0	31.993246	20.0	926303.0	0.399916	Y



Calibration / Cyclohexane

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

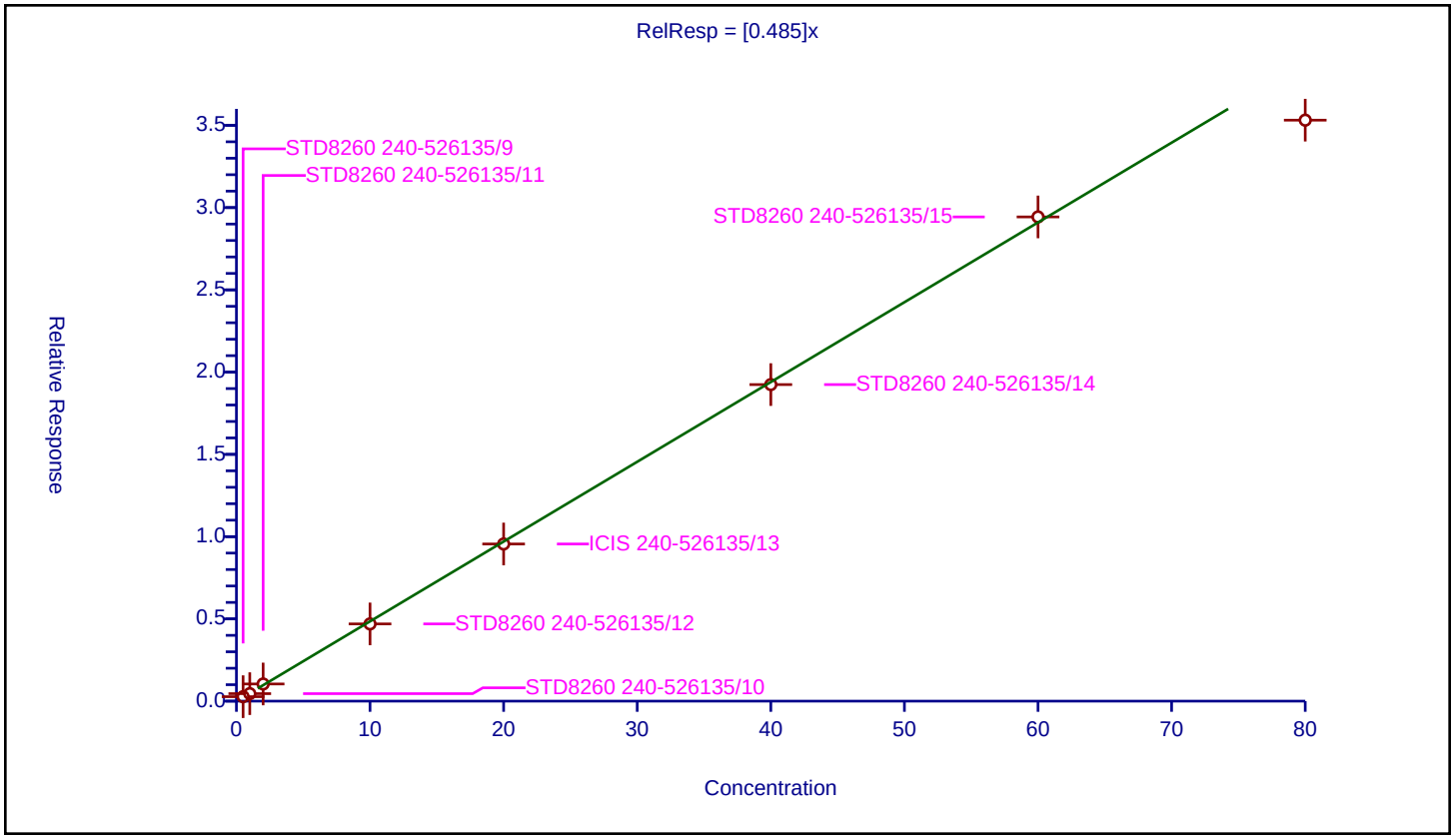
Curve Coefficients

Intercept:	0
Slope:	0.485

Error Coefficients

Standard Error:	894000
Relative Standard Error:	6.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.271177	20.0	849112.0	0.542355	Y
2	STD8260 240-526135/10	1.0	0.455185	20.0	905873.0	0.455185	Y
3	STD8260 240-526135/11	2.0	1.044075	20.0	856433.0	0.522037	Y
4	STD8260 240-526135/12	10.0	4.693536	20.0	911641.0	0.469354	Y
5	ICIS 240-526135/13	20.0	9.552718	20.0	919353.0	0.477636	Y
6	STD8260 240-526135/14	40.0	19.242202	20.0	930828.0	0.481055	Y
7	STD8260 240-526135/15	60.0	29.432993	20.0	931259.0	0.49055	Y
8	STD8260 240-526135/16	80.0	35.314427	20.0	926303.0	0.44143	Y



Calibration / 1,1-Dichloropropene

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

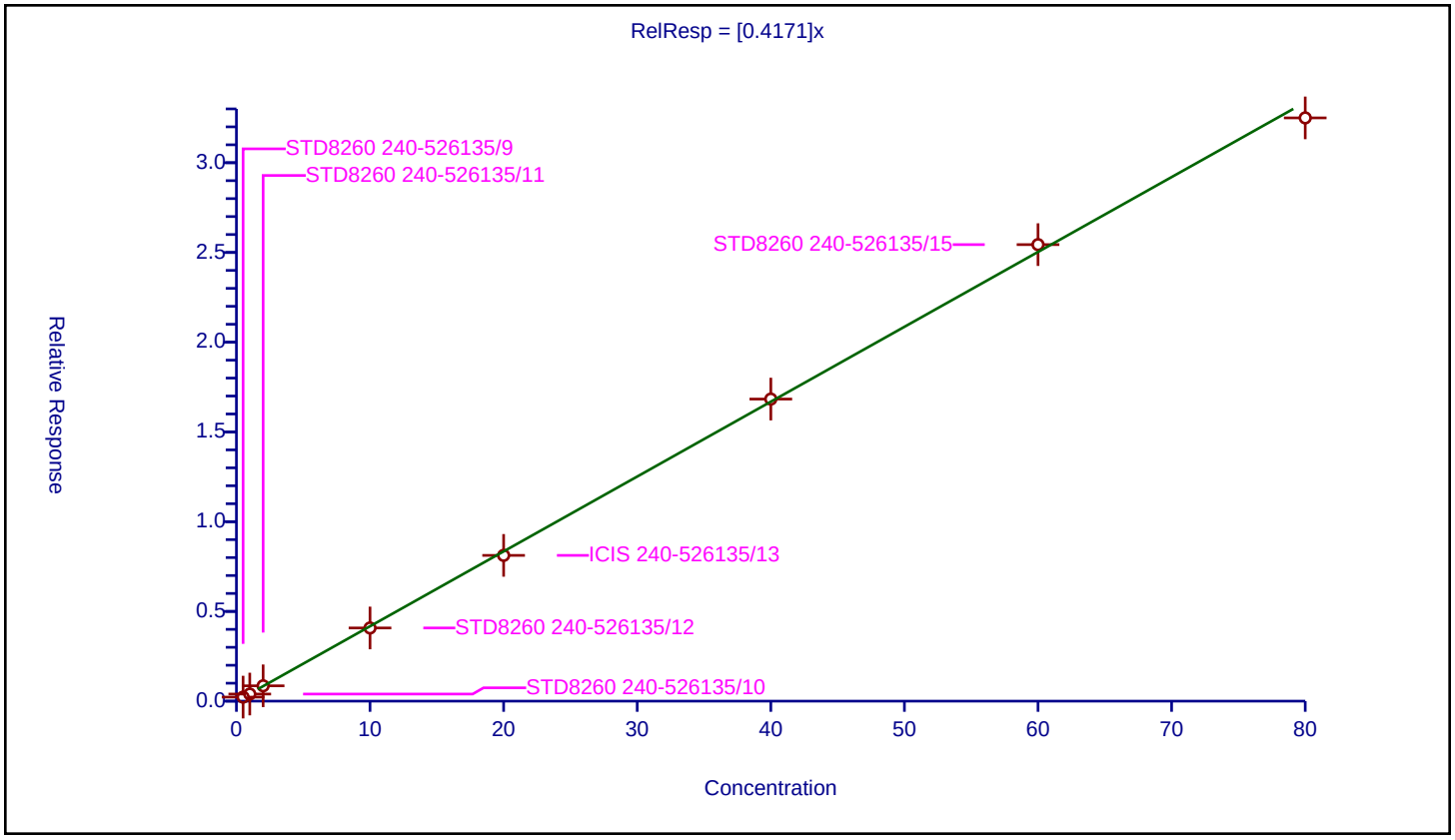
Curve Coefficients

Intercept:	0
Slope:	0.4171

Error Coefficients

Standard Error:	798000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.224776	20.0	849112.0	0.449552	Y
2	STD8260 240-526135/10	1.0	0.395817	20.0	905873.0	0.395817	Y
3	STD8260 240-526135/11	2.0	0.85375	20.0	856433.0	0.426875	Y
4	STD8260 240-526135/12	10.0	4.078009	20.0	911641.0	0.407801	Y
5	ICIS 240-526135/13	20.0	8.121733	20.0	919353.0	0.406087	Y
6	STD8260 240-526135/14	40.0	16.831788	20.0	930828.0	0.420795	Y
7	STD8260 240-526135/15	60.0	25.437091	20.0	931259.0	0.423952	Y
8	STD8260 240-526135/16	80.0	32.498653	20.0	926303.0	0.406233	Y



Calibration / Carbon tetrachloride

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

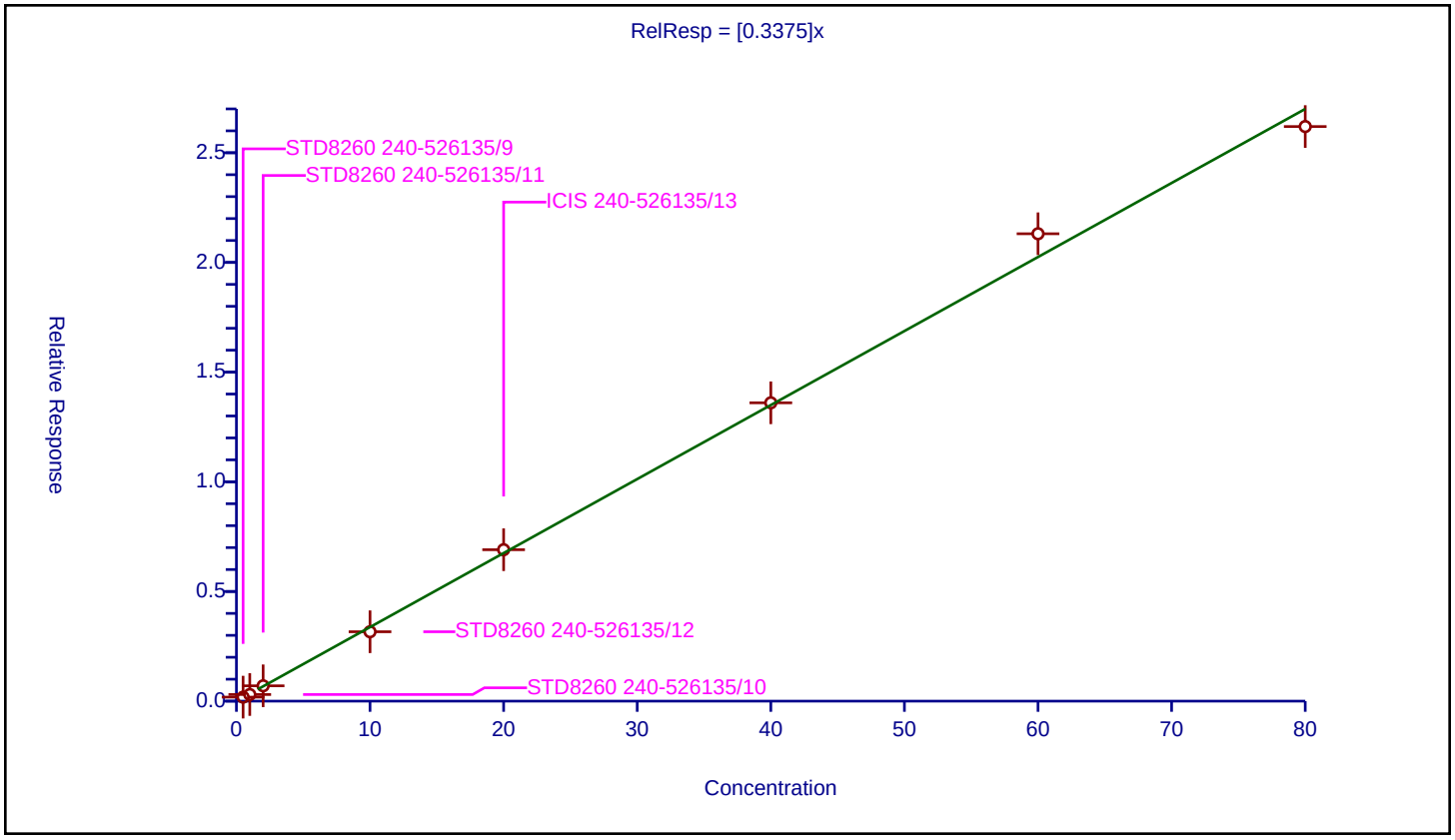
Curve Coefficients

Intercept:	0
Slope:	0.3375

Error Coefficients

Standard Error:	652000
Relative Standard Error:	6.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.182379	20.0	849112.0	0.364758	Y
2	STD8260 240-526135/10	1.0	0.301234	20.0	905873.0	0.301234	Y
3	STD8260 240-526135/11	2.0	0.698969	20.0	856433.0	0.349484	Y
4	STD8260 240-526135/12	10.0	3.163899	20.0	911641.0	0.31639	Y
5	ICIS 240-526135/13	20.0	6.903812	20.0	919353.0	0.345191	Y
6	STD8260 240-526135/14	40.0	13.600687	20.0	930828.0	0.340017	Y
7	STD8260 240-526135/15	60.0	21.308122	20.0	931259.0	0.355135	Y
8	STD8260 240-526135/16	80.0	26.195165	20.0	926303.0	0.32744	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

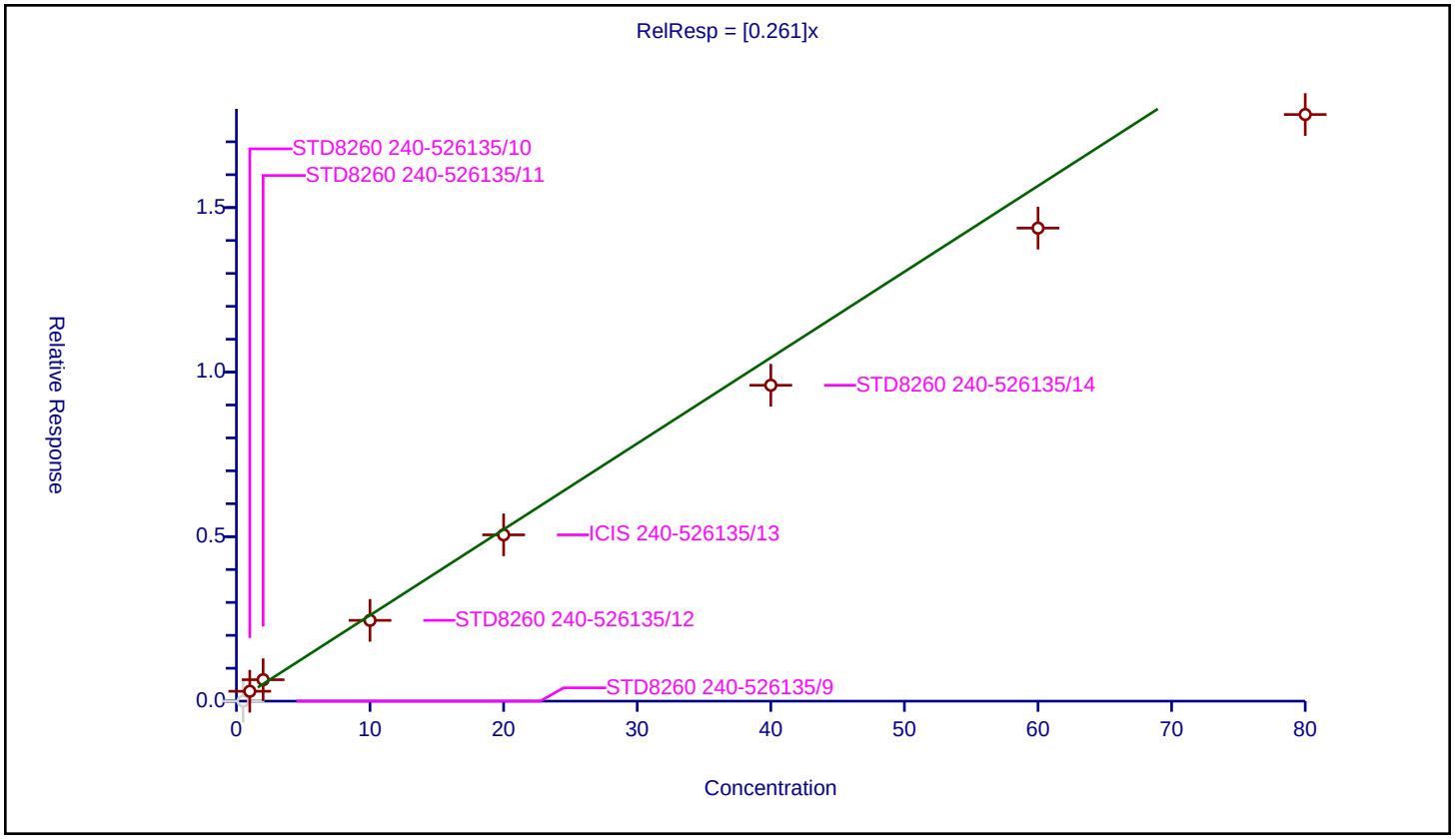
Curve Coefficients

Intercept:	0
Slope:	0.261

Error Coefficients

Standard Error:	483000
Relative Standard Error:	14.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	1.0	0.300682	20.0	905873.0	0.300682	Y
3	STD8260 240-526135/11	2.0	0.650909	20.0	856433.0	0.325455	Y
4	STD8260 240-526135/12	10.0	2.455221	20.0	911641.0	0.245522	Y
5	ICIS 240-526135/13	20.0	5.054228	20.0	919353.0	0.252711	Y
6	STD8260 240-526135/14	40.0	9.601086	20.0	930828.0	0.240027	Y
7	STD8260 240-526135/15	60.0	14.376452	20.0	931259.0	0.239608	Y
8	STD8260 240-526135/16	80.0	17.828875	20.0	926303.0	0.222861	Y



Calibration / Benzene

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

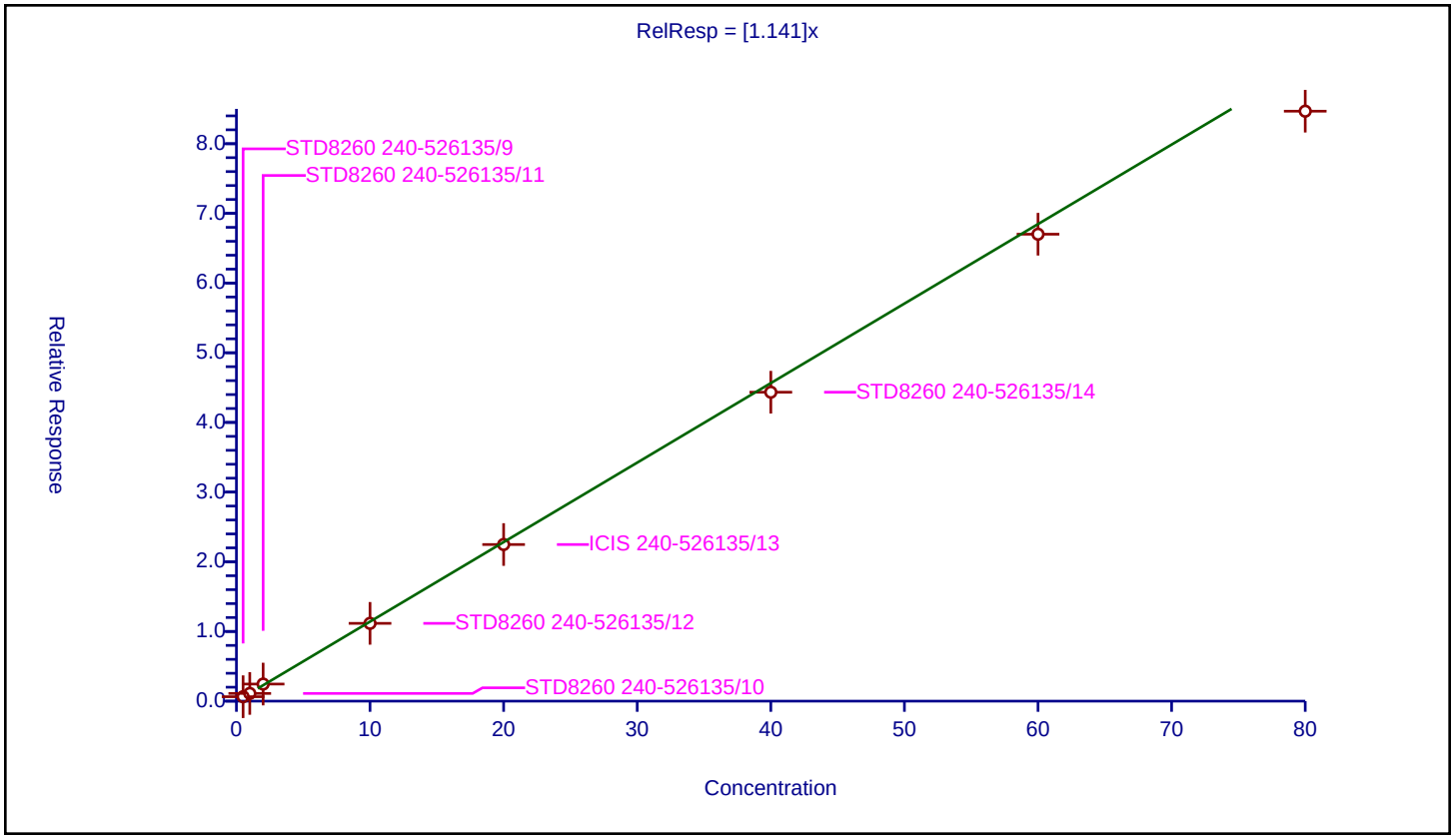
Curve Coefficients

Intercept:	0
Slope:	1.141

Error Coefficients

Standard Error:	2090000
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	STD8260 240-526135/9	0.5	0.63577	20.0	849112.0	1.27154	Y
2	STD8260 240-526135/10	1.0	1.106998	20.0	905873.0	1.106998	Y
3	STD8260 240-526135/11	2.0	2.452031	20.0	856433.0	1.226015	Y
4	STD8260 240-526135/12	10.0	11.163386	20.0	911641.0	1.116339	Y
5	ICIS 240-526135/13	20.0	22.47883	20.0	919353.0	1.123942	Y
6	STD8260 240-526135/14	40.0	44.338567	20.0	930828.0	1.108464	Y
7	STD8260 240-526135/15	60.0	67.016072	20.0	931259.0	1.116935	Y
8	STD8260 240-526135/16	80.0	84.672963	20.0	926303.0	1.058412	Y



Calibration / 1,2-Dichloroethane

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

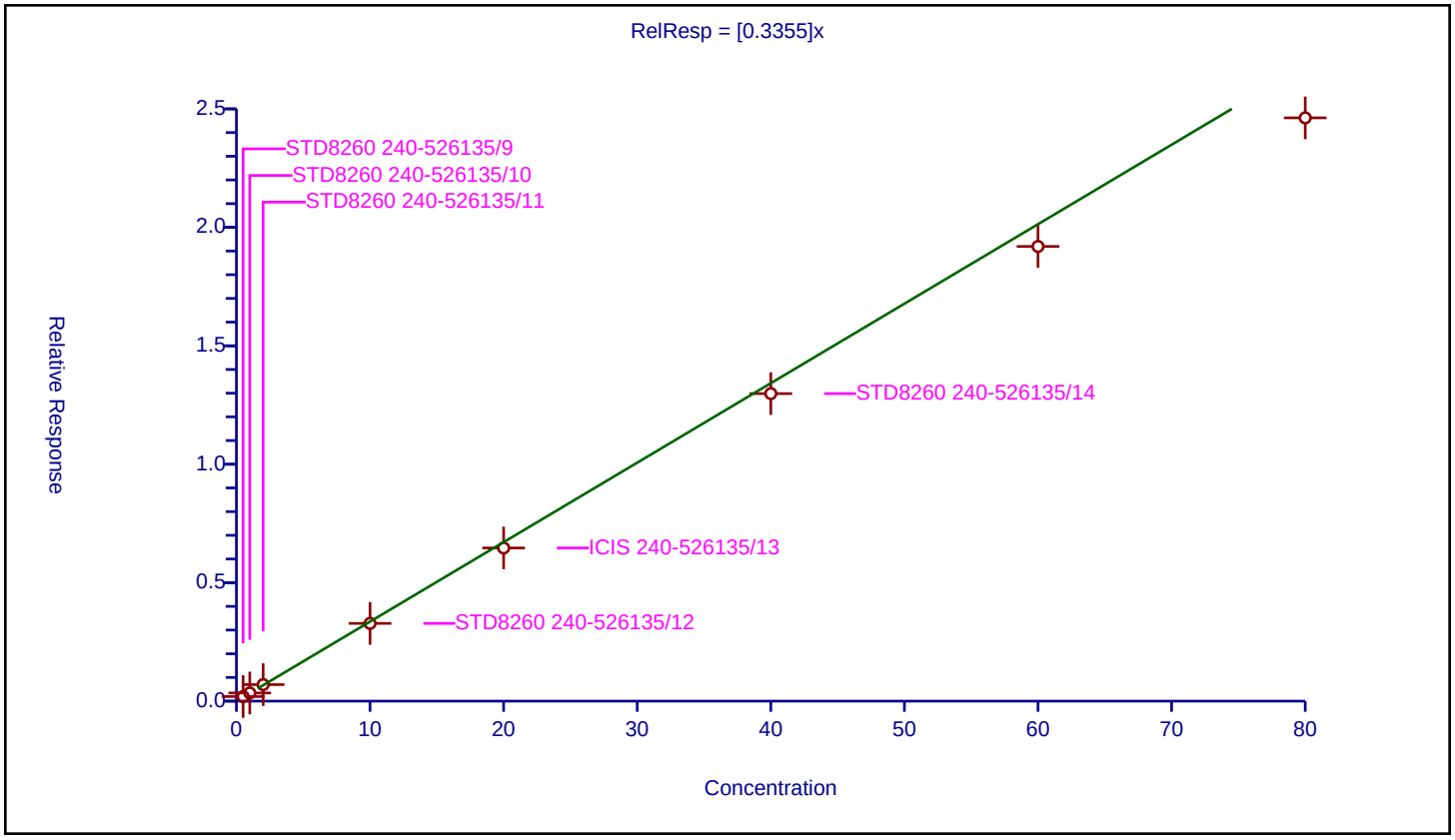
Curve Coefficients

Intercept:	0
Slope:	0.3355

Error Coefficients

Standard Error:	607000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.193638	20.0	849112.0	0.387275	Y
2	STD8260 240-526135/10	1.0	0.344662	20.0	905873.0	0.344662	Y
3	STD8260 240-526135/11	2.0	0.697614	20.0	856433.0	0.348807	Y
4	STD8260 240-526135/12	10.0	3.281072	20.0	911641.0	0.328107	Y
5	ICIS 240-526135/13	20.0	6.464938	20.0	919353.0	0.323247	Y
6	STD8260 240-526135/14	40.0	12.981582	20.0	930828.0	0.32454	Y
7	STD8260 240-526135/15	60.0	19.193264	20.0	931259.0	0.319888	Y
8	STD8260 240-526135/16	80.0	24.620929	20.0	926303.0	0.307762	Y



Calibration / n-Heptane

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

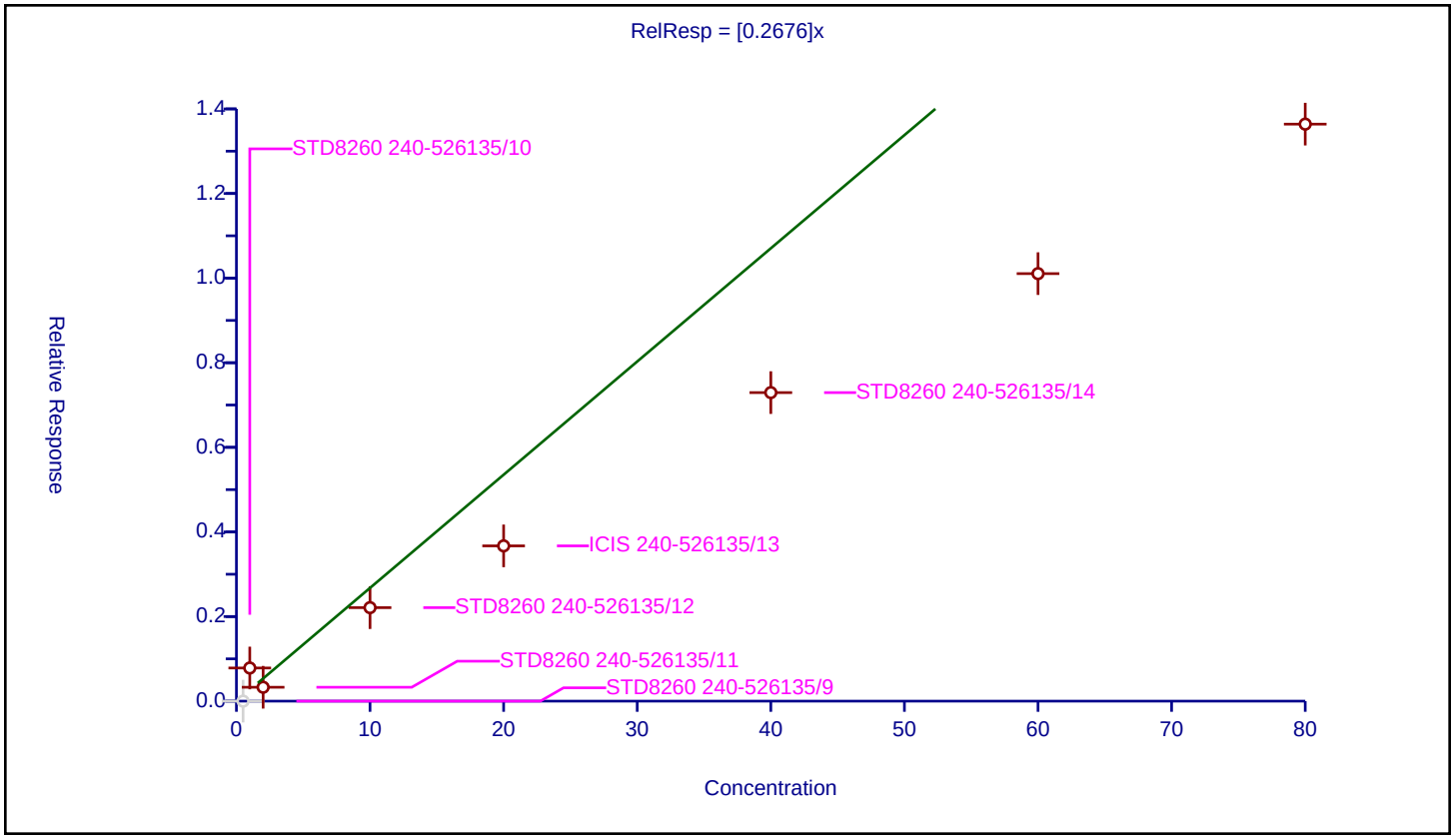
Curve Coefficients

Intercept:	0
Slope:	0.2676

Error Coefficients

Standard Error:	360000
Relative Standard Error:	85.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	1.0	0.783311	20.0	905873.0	0.783311	Y
3	STD8260 240-526135/11	2.0	0.328152	20.0	856433.0	0.164076	Y
4	STD8260 240-526135/12	10.0	2.210322	20.0	911641.0	0.221032	Y
5	ICIS 240-526135/13	20.0	3.670168	20.0	919353.0	0.183508	Y
6	STD8260 240-526135/14	40.0	7.293549	20.0	930828.0	0.182339	Y
7	STD8260 240-526135/15	60.0	10.10591	20.0	931259.0	0.168432	Y
8	STD8260 240-526135/16	80.0	13.640072	20.0	926303.0	0.170501	Y



Calibration / Trichloroethene

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

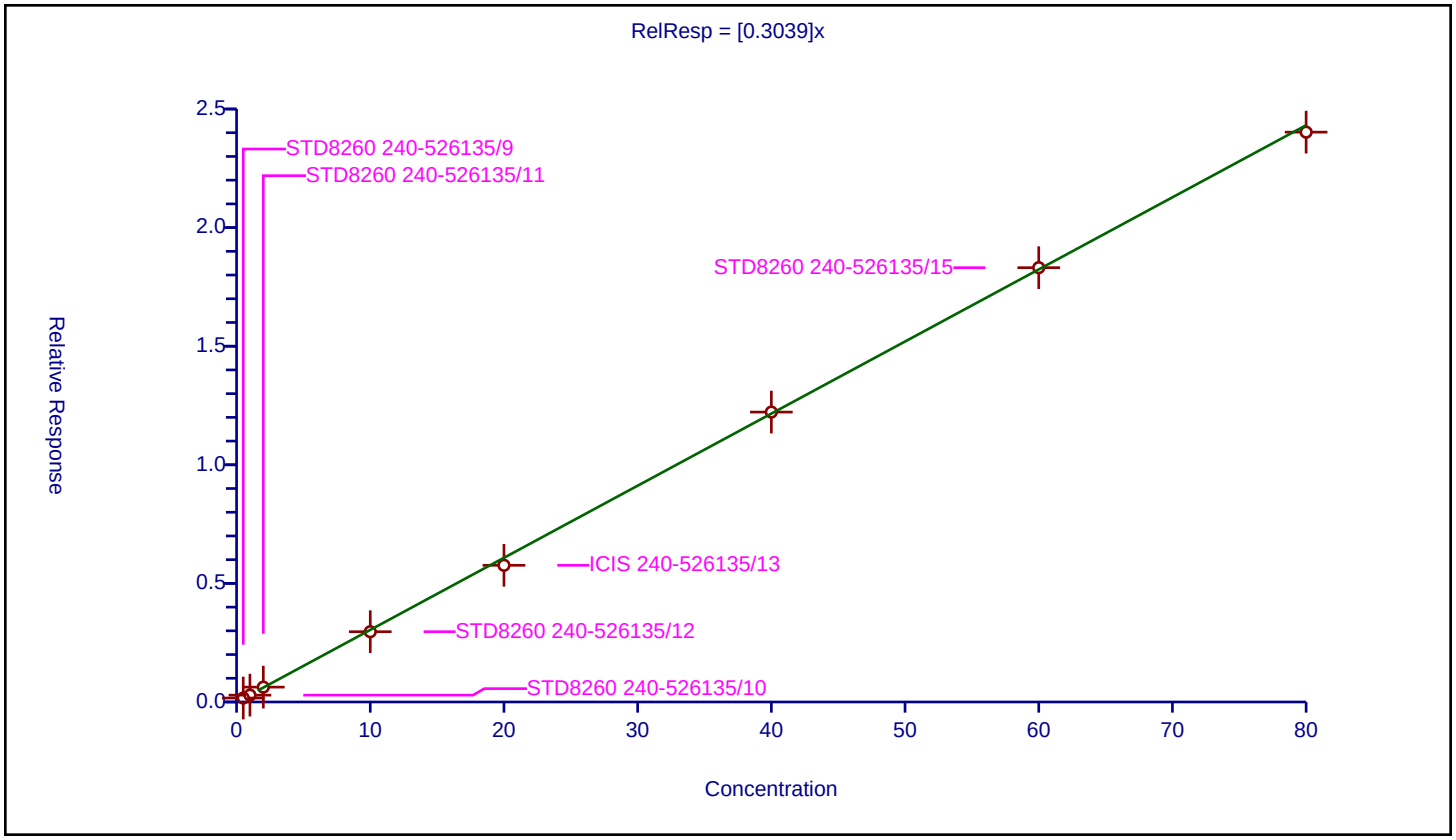
Curve Coefficients

Intercept:	0
Slope:	0.3039

Error Coefficients

Standard Error:	583000
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	STD8260 240-526135/9	0.5	0.167045	20.0	849112.0	0.33409	Y
2	STD8260 240-526135/10	1.0	0.288606	20.0	905873.0	0.288606	Y
3	STD8260 240-526135/11	2.0	0.626762	20.0	856433.0	0.313381	Y
4	STD8260 240-526135/12	10.0	2.96325	20.0	911641.0	0.296325	Y
5	ICIS 240-526135/13	20.0	5.762574	20.0	919353.0	0.288129	Y
6	STD8260 240-526135/14	40.0	12.222688	20.0	930828.0	0.305567	Y
7	STD8260 240-526135/15	60.0	18.31076	20.0	931259.0	0.305179	Y
8	STD8260 240-526135/16	80.0	24.02486	20.0	926303.0	0.300311	Y



Calibration / Methylcyclohexane

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

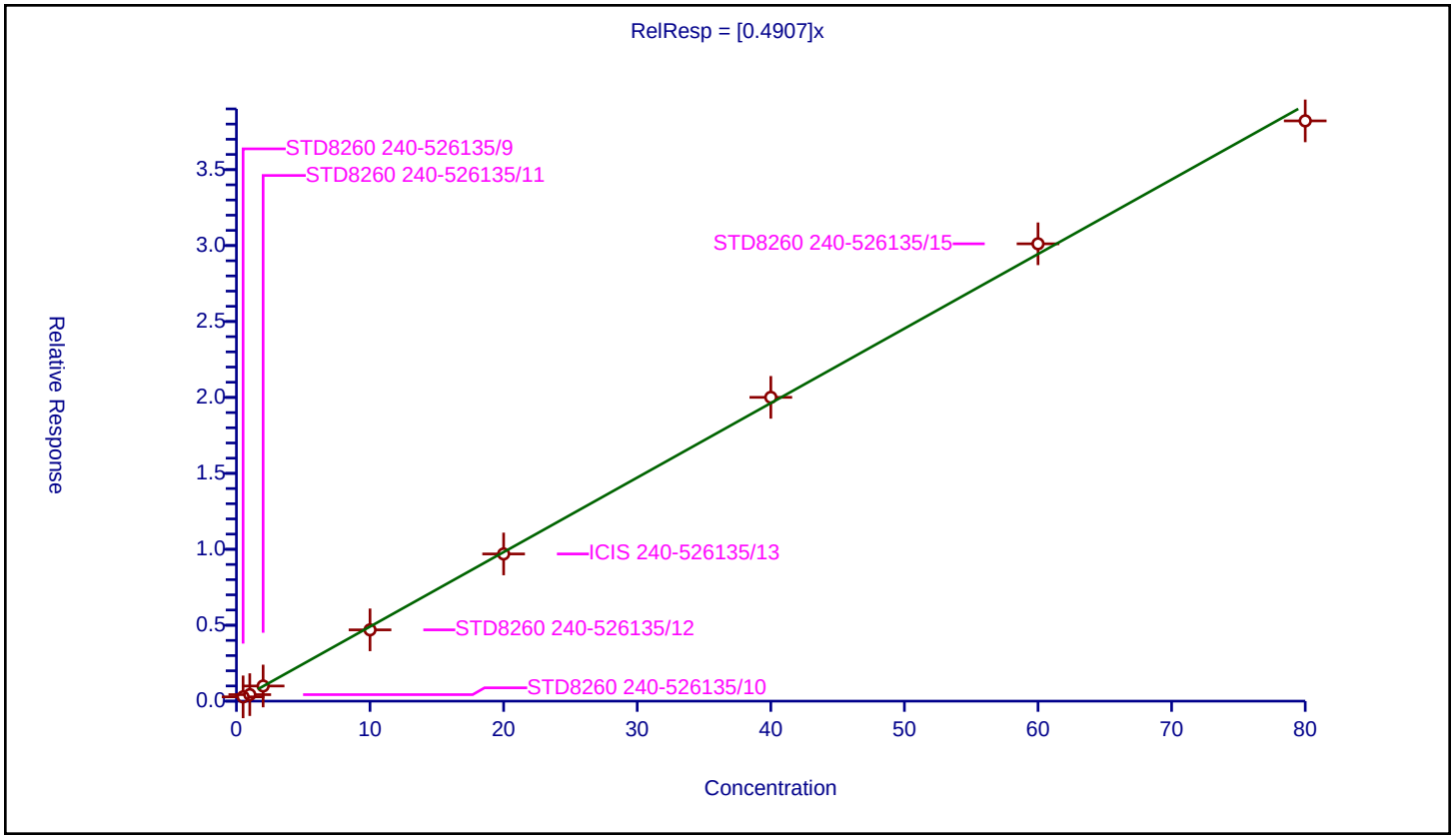
Curve Coefficients

Intercept:	0
Slope:	0.4907

Error Coefficients

Standard Error:	942000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.281777	20.0	849112.0	0.563553	Y
2	STD8260 240-526135/10	1.0	0.42953	20.0	905873.0	0.42953	Y
3	STD8260 240-526135/11	2.0	0.996996	20.0	856433.0	0.498498	Y
4	STD8260 240-526135/12	10.0	4.694787	20.0	911641.0	0.469479	Y
5	ICIS 240-526135/13	20.0	9.693339	20.0	919353.0	0.484667	Y
6	STD8260 240-526135/14	40.0	20.006338	20.0	930828.0	0.500158	Y
7	STD8260 240-526135/15	60.0	30.116777	20.0	931259.0	0.501946	Y
8	STD8260 240-526135/16	80.0	38.210693	20.0	926303.0	0.477634	Y



Calibration / 1,2-Dichloropropane

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

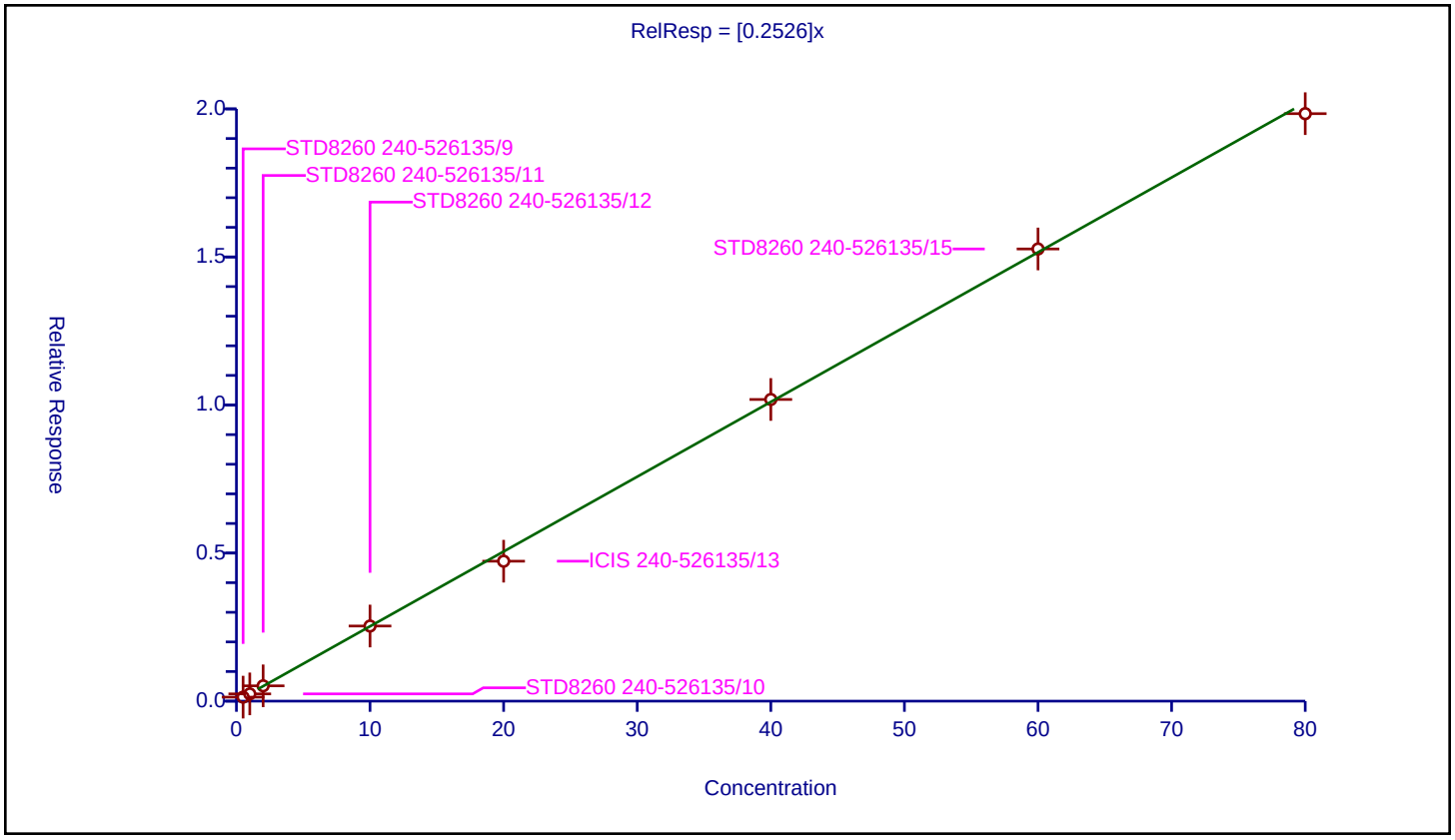
Curve Coefficients

Intercept:	0
Slope:	0.2526

Error Coefficients

Standard Error:	483000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.135365	20.0	849112.0	0.27073	Y
2	STD8260 240-526135/10	1.0	0.244736	20.0	905873.0	0.244736	Y
3	STD8260 240-526135/11	2.0	0.516725	20.0	856433.0	0.258362	Y
4	STD8260 240-526135/12	10.0	2.537183	20.0	911641.0	0.253718	Y
5	ICIS 240-526135/13	20.0	4.726019	20.0	919353.0	0.236301	Y
6	STD8260 240-526135/14	40.0	10.18751	20.0	930828.0	0.254688	Y
7	STD8260 240-526135/15	60.0	15.26993	20.0	931259.0	0.254499	Y
8	STD8260 240-526135/16	80.0	19.8388	20.0	926303.0	0.247985	Y



Calibration / 1,4-Dioxane

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

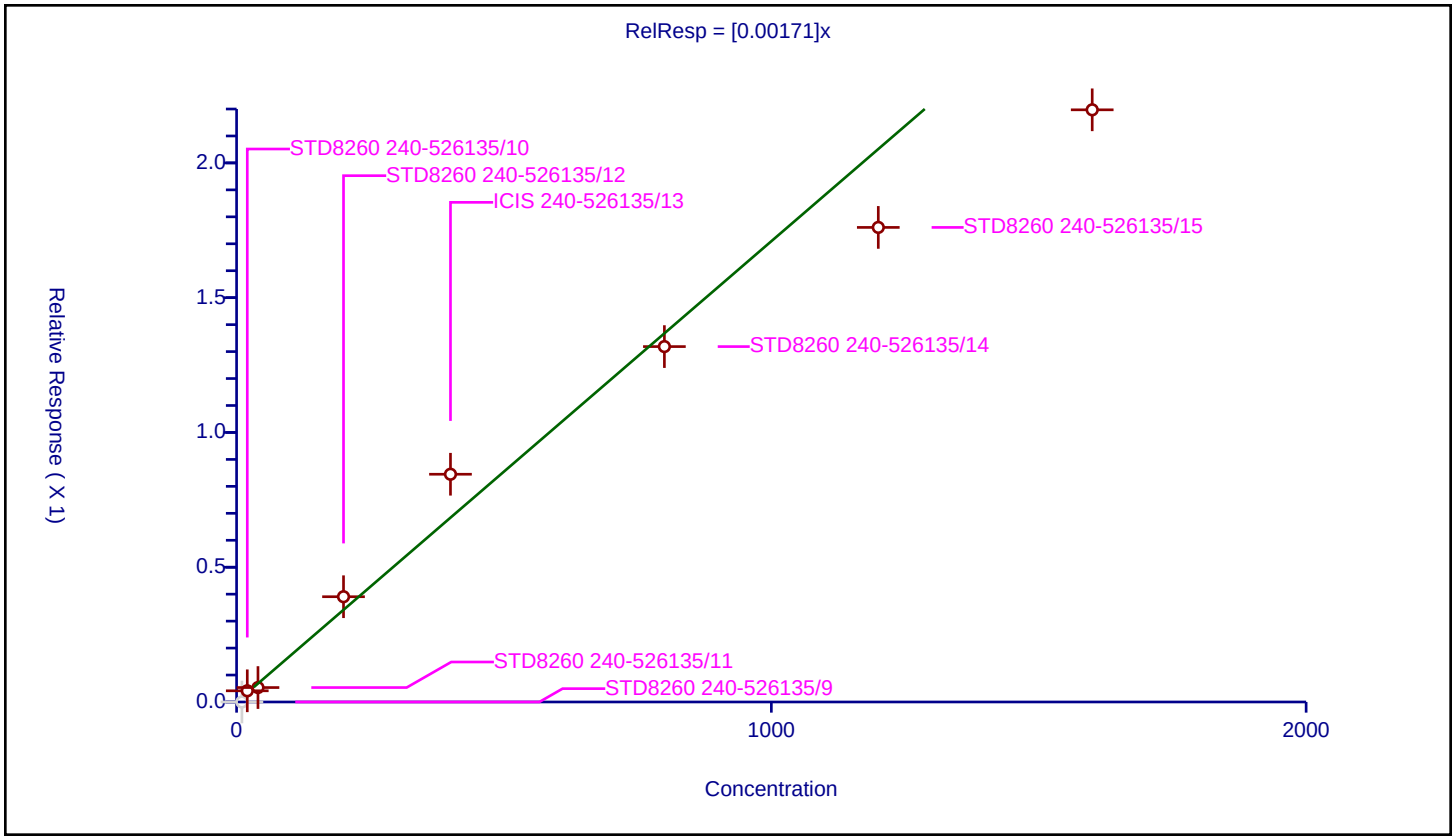
Curve Coefficients

Intercept:	0
Slope:	0.00171

Error Coefficients

Standard Error:	61500
Relative Standard Error:	19.5
Correlation Coefficient:	0.981
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	10.0	0.0	20.0	849112.0	0.0	N
2	STD8260 240-526135/10	20.0	0.041485	20.0	905873.0	0.002074	Y
3	STD8260 240-526135/11	40.0	0.053548	20.0	856433.0	0.001339	Y
4	STD8260 240-526135/12	200.0	0.390505	20.0	911641.0	0.001953	Y
5	ICIS 240-526135/13	400.0	0.845007	20.0	919353.0	0.002113	Y
6	STD8260 240-526135/14	800.0	1.318589	20.0	930828.0	0.001648	Y
7	STD8260 240-526135/15	1200.0	1.760735	20.0	931259.0	0.001467	Y
8	STD8260 240-526135/16	1600.0	2.197013	20.0	926303.0	0.001373	Y



Calibration / Dibromomethane

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

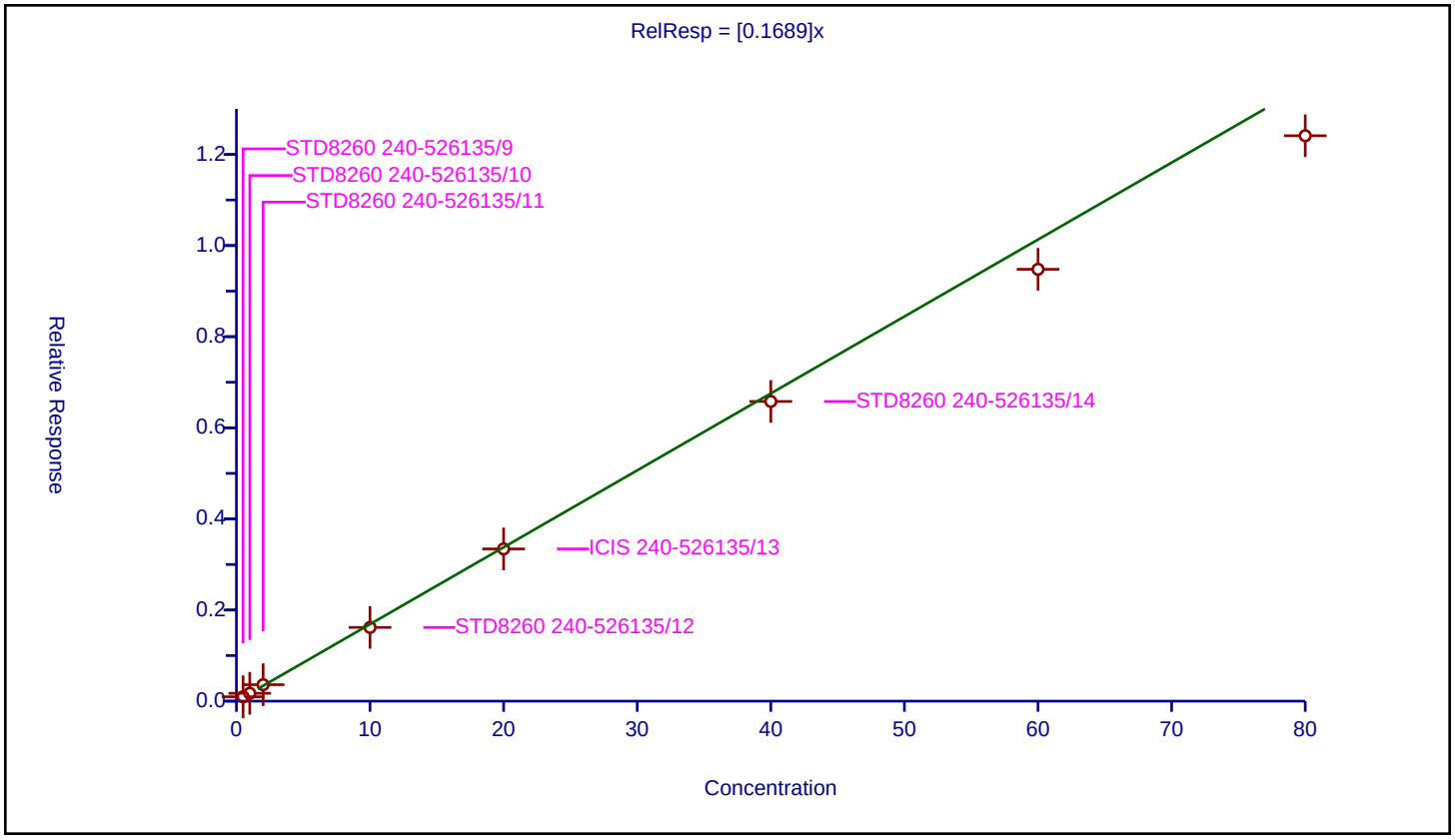
Curve Coefficients

Intercept:	0
Slope:	0.1689

Error Coefficients

Standard Error:	304000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.095888	20.0	849112.0	0.191777	Y
2	STD8260 240-526135/10	1.0	0.172121	20.0	905873.0	0.172121	Y
3	STD8260 240-526135/11	2.0	0.361149	20.0	856433.0	0.180575	Y
4	STD8260 240-526135/12	10.0	1.618027	20.0	911641.0	0.161803	Y
5	ICIS 240-526135/13	20.0	3.341372	20.0	919353.0	0.167069	Y
6	STD8260 240-526135/14	40.0	6.578659	20.0	930828.0	0.164466	Y
7	STD8260 240-526135/15	60.0	9.479146	20.0	931259.0	0.157986	Y
8	STD8260 240-526135/16	80.0	12.410518	20.0	926303.0	0.155131	Y



Calibration / Dichlorobromomethane

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

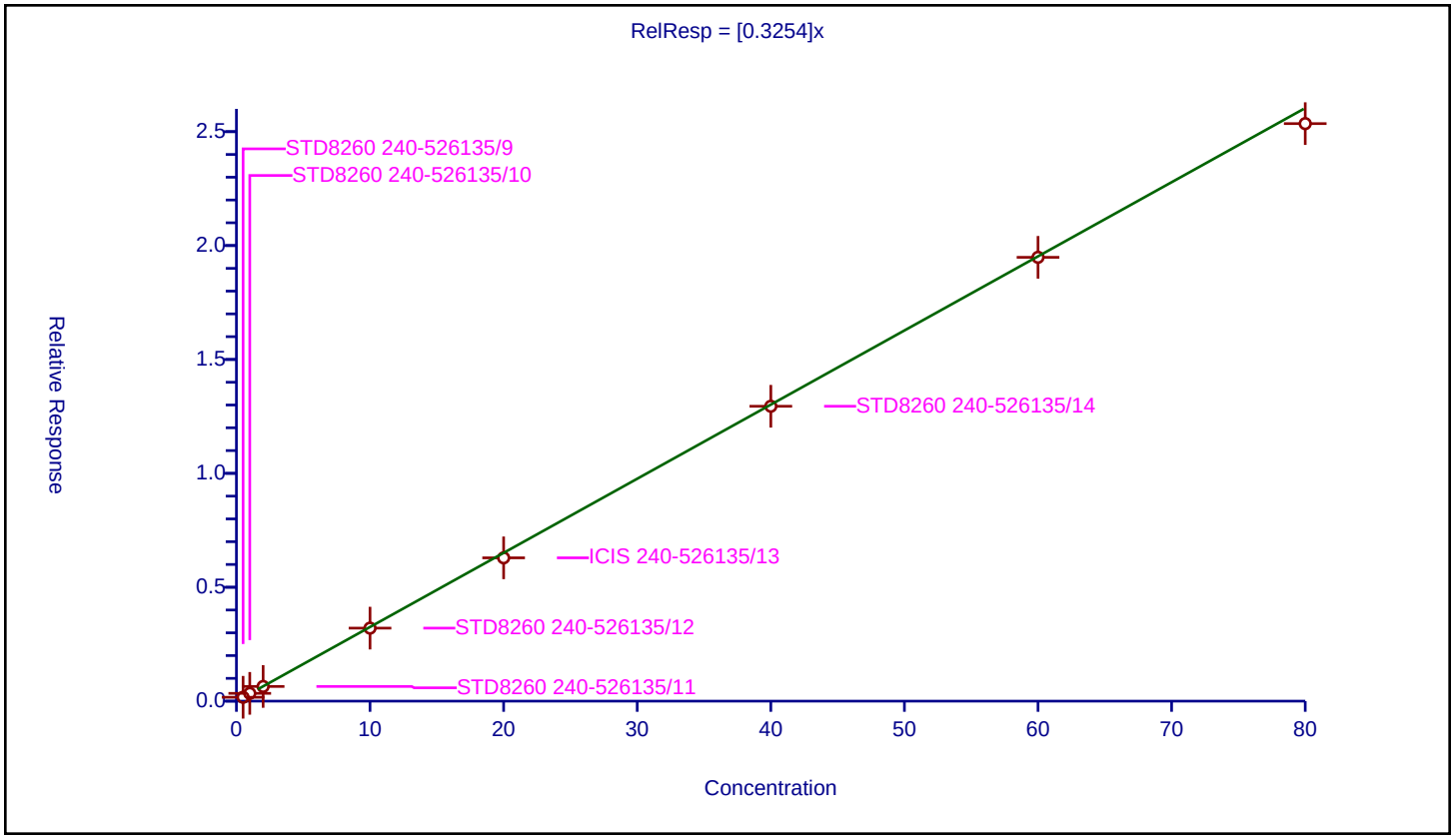
Curve Coefficients

Intercept:	0
Slope:	0.3254

Error Coefficients

Standard Error:	618000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.169683	20.0	849112.0	0.339366	Y
2	STD8260 240-526135/10	1.0	0.341527	20.0	905873.0	0.341527	Y
3	STD8260 240-526135/11	2.0	0.644394	20.0	856433.0	0.322197	Y
4	STD8260 240-526135/12	10.0	3.20567	20.0	911641.0	0.320567	Y
5	ICIS 240-526135/13	20.0	6.29162	20.0	919353.0	0.314581	Y
6	STD8260 240-526135/14	40.0	12.945657	20.0	930828.0	0.323641	Y
7	STD8260 240-526135/15	60.0	19.483237	20.0	931259.0	0.324721	Y
8	STD8260 240-526135/16	80.0	25.353777	20.0	926303.0	0.316922	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

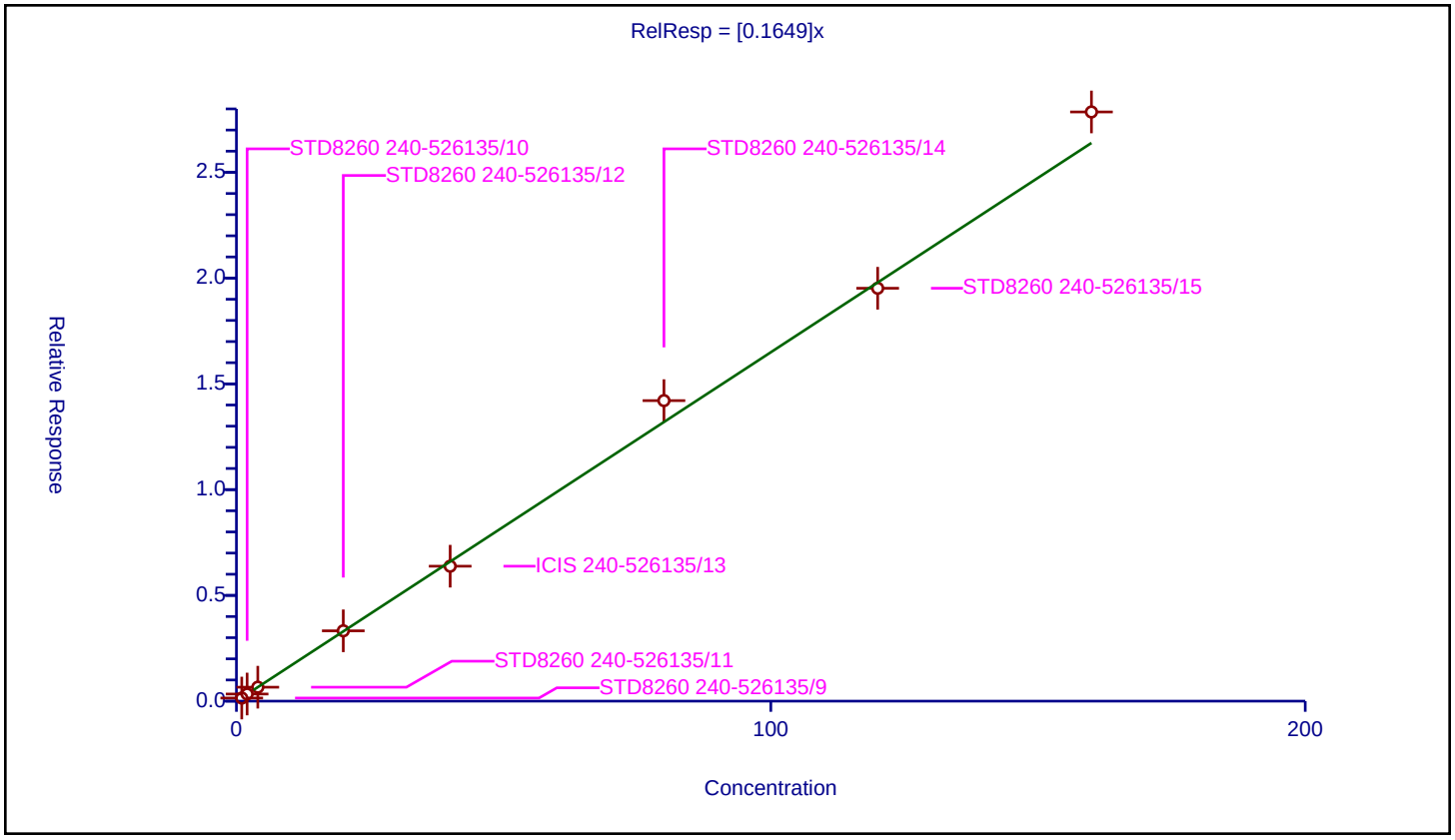
Curve Coefficients

Intercept:	0
Slope:	0.1649

Error Coefficients

Standard Error:	659000
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	STD8260 240-526135/9	1.0	0.146129	20.0	849112.0	0.146129	Y
2	STD8260 240-526135/10	2.0	0.337067	20.0	905873.0	0.168534	Y
3	STD8260 240-526135/11	4.0	0.658966	20.0	856433.0	0.164741	Y
4	STD8260 240-526135/12	20.0	3.324401	20.0	911641.0	0.16622	Y
5	ICIS 240-526135/13	40.0	6.380291	20.0	919353.0	0.159507	Y
6	STD8260 240-526135/14	80.0	14.208447	20.0	930828.0	0.177606	Y
7	STD8260 240-526135/15	120.0	19.521207	20.0	931259.0	0.162677	Y
8	STD8260 240-526135/16	160.0	27.854644	20.0	926303.0	0.174092	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

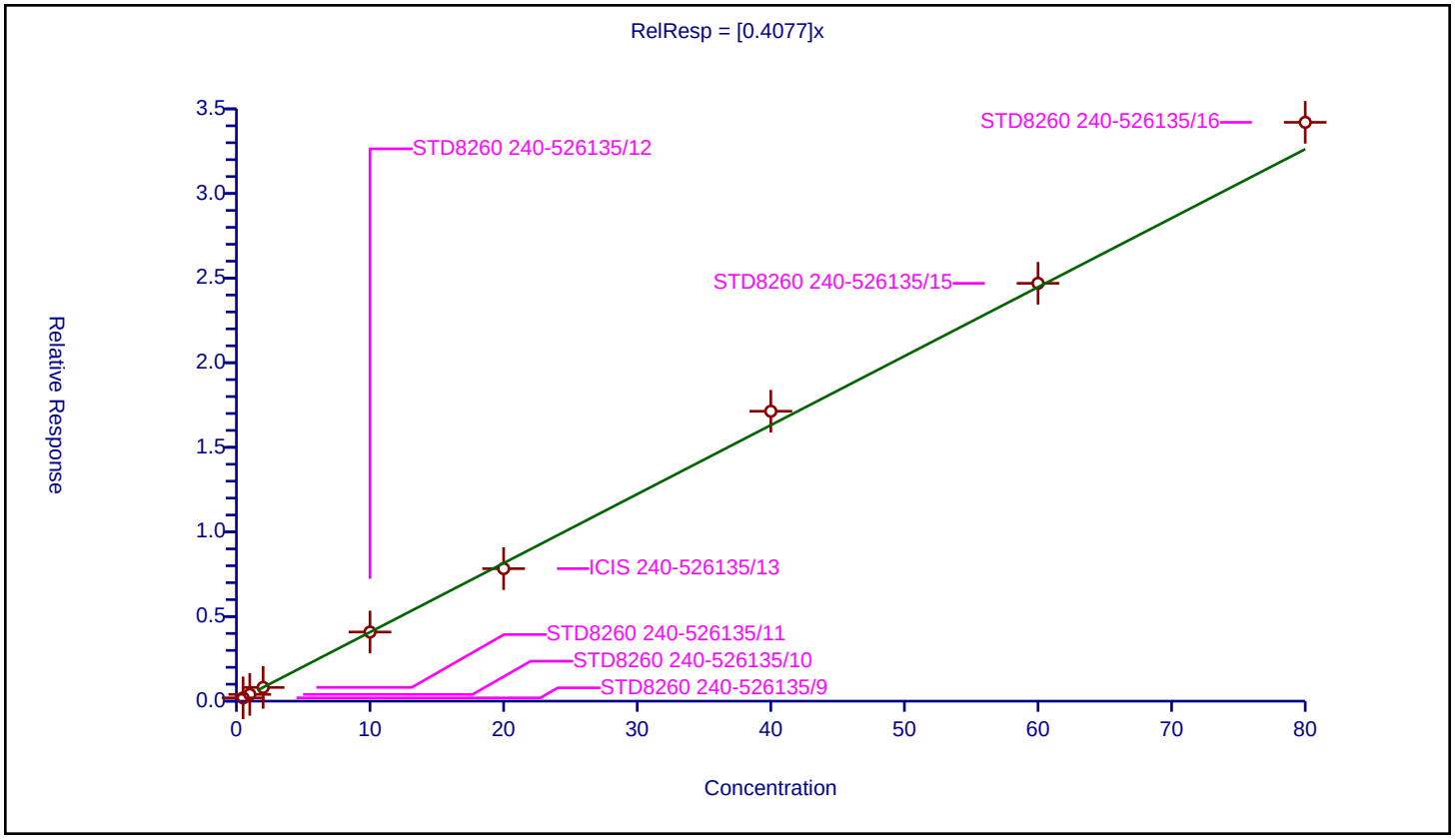
Curve Coefficients

Intercept:	0
Slope:	0.4077

Error Coefficients

Standard Error:	814000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.195074	20.0	849112.0	0.390149	Y
2	STD8260 240-526135/10	1.0	0.399173	20.0	905873.0	0.399173	Y
3	STD8260 240-526135/11	2.0	0.810478	20.0	856433.0	0.405239	Y
4	STD8260 240-526135/12	10.0	4.085161	20.0	911641.0	0.408516	Y
5	ICIS 240-526135/13	20.0	7.829767	20.0	919353.0	0.391488	Y
6	STD8260 240-526135/14	40.0	17.131908	20.0	930828.0	0.428298	Y
7	STD8260 240-526135/15	60.0	24.693259	20.0	931259.0	0.411554	Y
8	STD8260 240-526135/16	80.0	34.205784	20.0	926303.0	0.427572	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

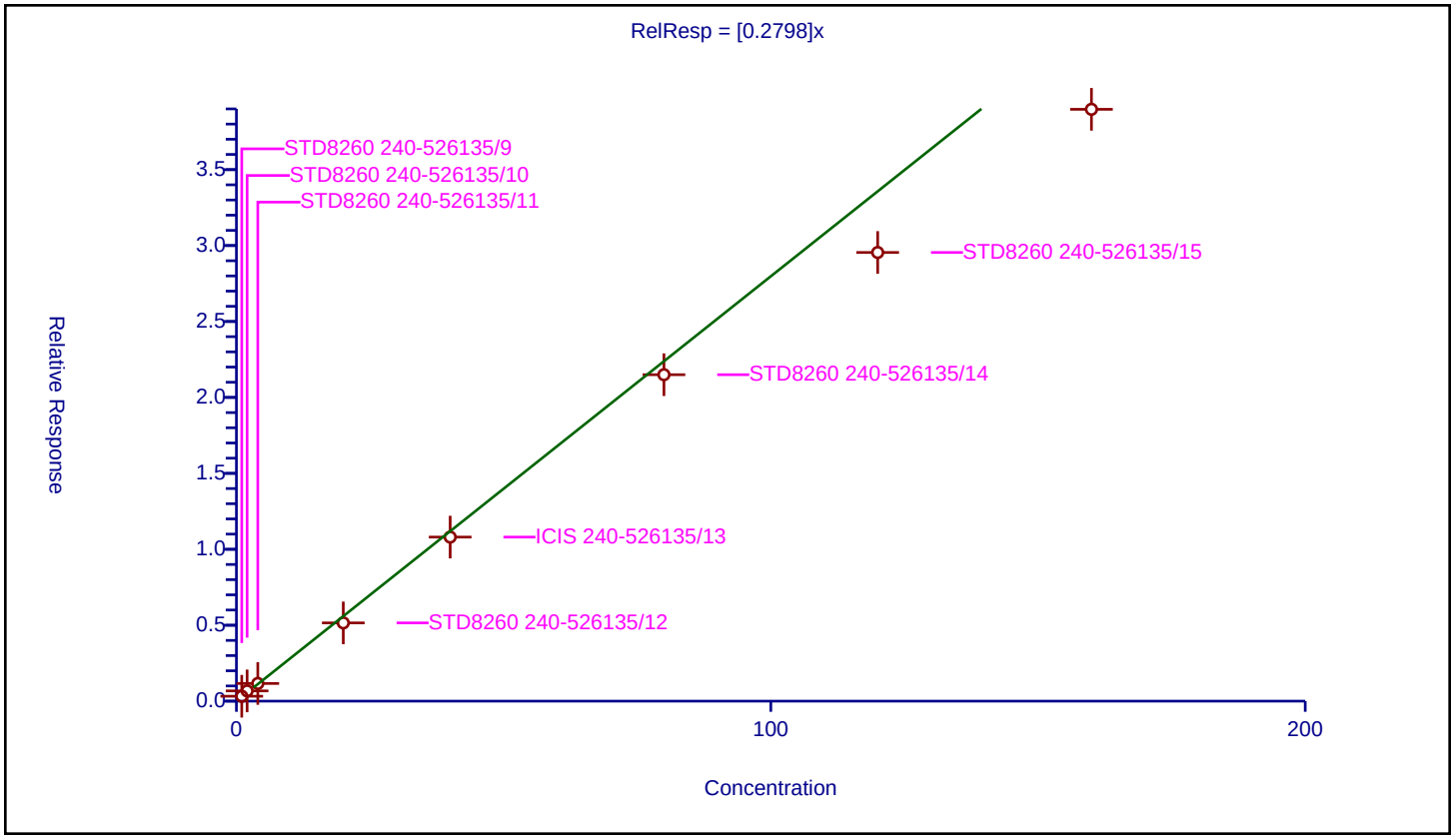
Curve Coefficients

Intercept:	0
Slope:	0.2798

Error Coefficients

Standard Error:	960000
Relative Standard Error:	12.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.32375	20.0	849112.0	0.32375	Y
2	STD8260 240-526135/10	2.0	0.674289	20.0	905873.0	0.337144	Y
3	STD8260 240-526135/11	4.0	1.163757	20.0	856433.0	0.290939	Y
4	STD8260 240-526135/12	20.0	5.152423	20.0	911641.0	0.257621	Y
5	ICIS 240-526135/13	40.0	10.803315	20.0	919353.0	0.270083	Y
6	STD8260 240-526135/14	80.0	21.496925	20.0	930828.0	0.268712	Y
7	STD8260 240-526135/15	120.0	29.544649	20.0	931259.0	0.246205	Y
8	STD8260 240-526135/16	160.0	38.972496	20.0	926303.0	0.243578	Y



Calibration / Toluene-d8 (Surr)

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

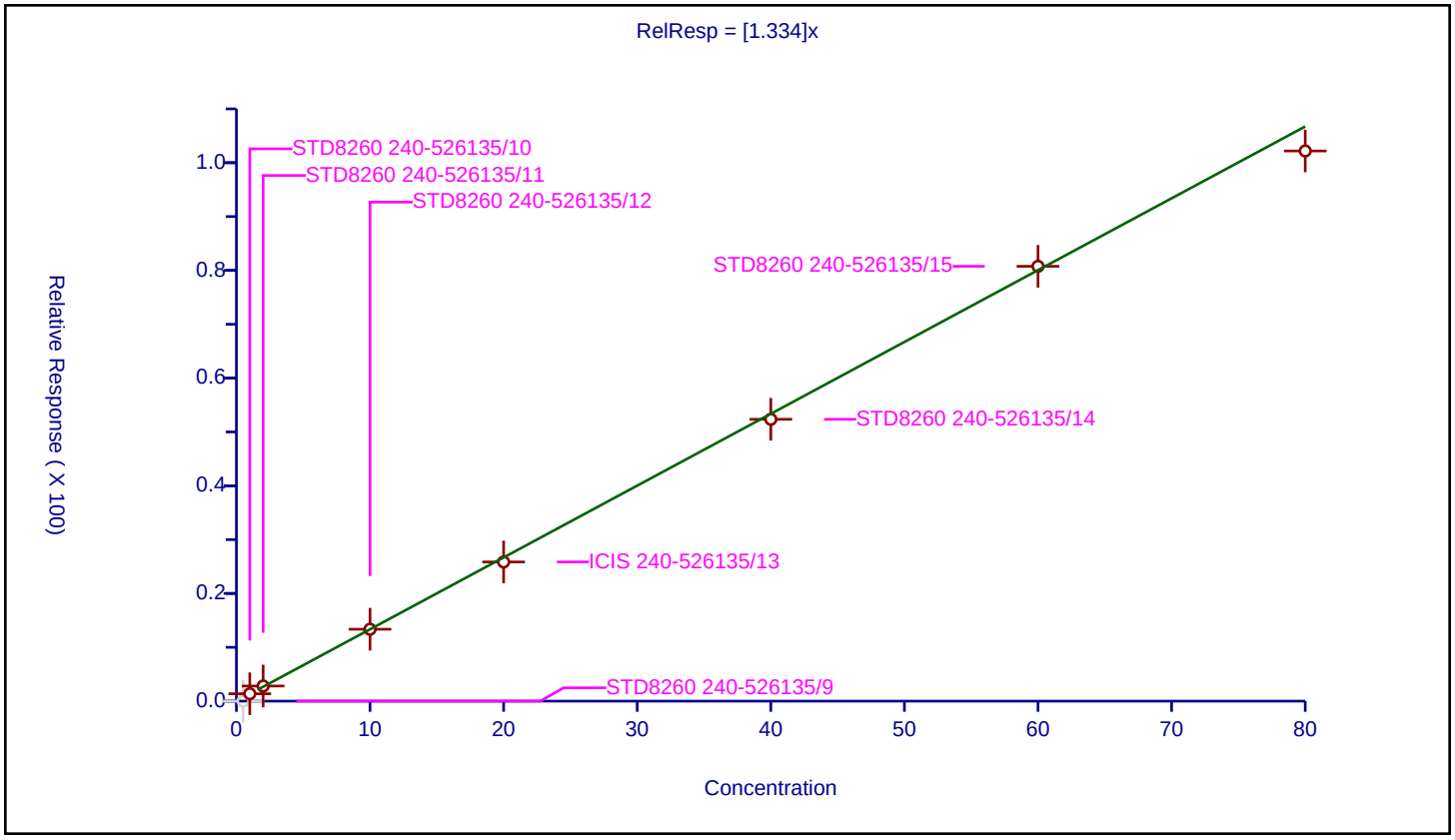
Curve Coefficients

Intercept:	0
Slope:	1.334

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	571766.0	0.0	N
2	STD8260 240-526135/10	1.0	1.374888	20.0	647558.0	1.374888	Y
3	STD8260 240-526135/11	2.0	2.808727	20.0	609187.0	1.404364	Y
4	STD8260 240-526135/12	10.0	13.351719	20.0	655950.0	1.335172	Y
5	ICIS 240-526135/13	20.0	25.850208	20.0	652746.0	1.29251	Y
6	STD8260 240-526135/14	40.0	52.350389	20.0	682351.0	1.30876	Y
7	STD8260 240-526135/15	60.0	80.76611	20.0	661524.0	1.346102	Y
8	STD8260 240-526135/16	80.0	102.182839	20.0	699007.0	1.277285	Y



Calibration / Toluene

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

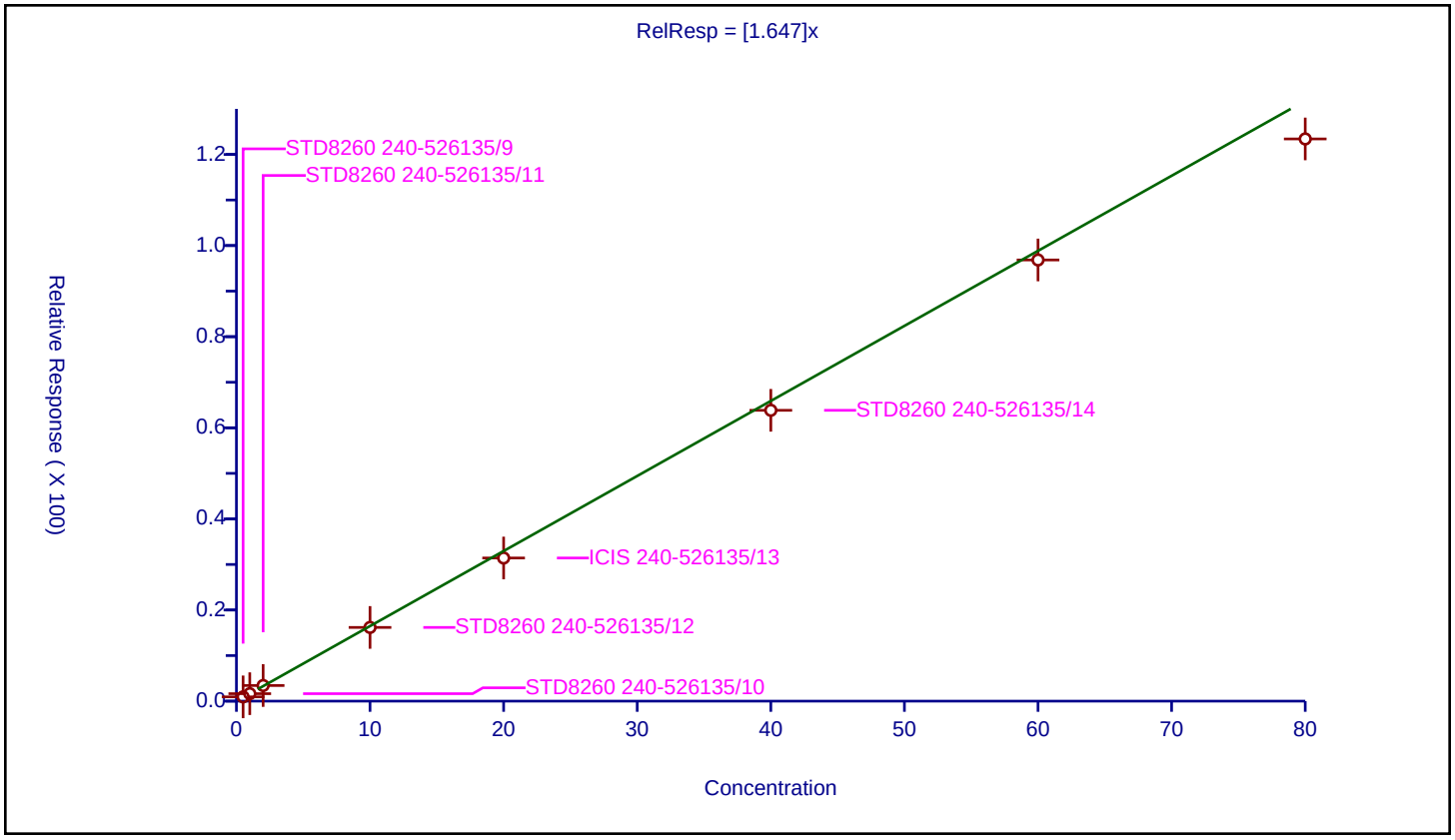
Curve Coefficients

Intercept:	0
Slope:	1.647

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.941189	20.0	571766.0	1.882378	Y
2	STD8260 240-526135/10	1.0	1.640038	20.0	647558.0	1.640038	Y
3	STD8260 240-526135/11	2.0	3.430342	20.0	609187.0	1.715171	Y
4	STD8260 240-526135/12	10.0	16.178794	20.0	655950.0	1.617879	Y
5	ICIS 240-526135/13	20.0	31.420001	20.0	652746.0	1.571	Y
6	STD8260 240-526135/14	40.0	63.837966	20.0	682351.0	1.595949	Y
7	STD8260 240-526135/15	60.0	96.839873	20.0	661524.0	1.613998	Y
8	STD8260 240-526135/16	80.0	123.403457	20.0	699007.0	1.542543	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

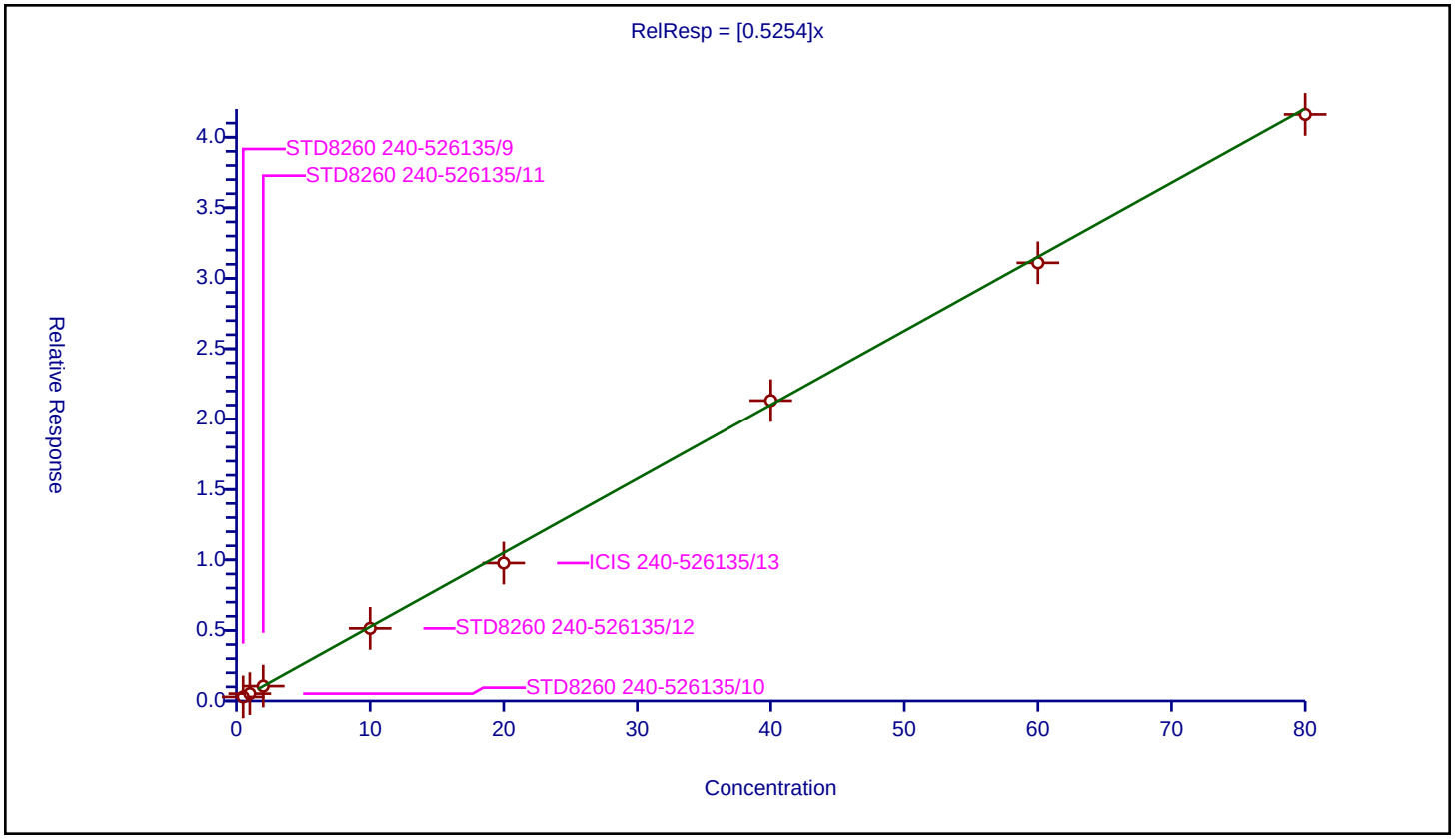
Curve Coefficients

Intercept:	0
Slope:	0.5254

Error Coefficients

Standard Error:	740000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.288754	20.0	571766.0	0.577509	Y
2	STD8260 240-526135/10	1.0	0.522548	20.0	647558.0	0.522548	Y
3	STD8260 240-526135/11	2.0	1.056786	20.0	609187.0	0.528393	Y
4	STD8260 240-526135/12	10.0	5.143319	20.0	655950.0	0.514332	Y
5	ICIS 240-526135/13	20.0	9.777004	20.0	652746.0	0.48885	Y
6	STD8260 240-526135/14	40.0	21.322369	20.0	682351.0	0.533059	Y
7	STD8260 240-526135/15	60.0	31.103815	20.0	661524.0	0.518397	Y
8	STD8260 240-526135/16	80.0	41.615778	20.0	699007.0	0.520197	Y



Calibration / Ethyl methacrylate

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

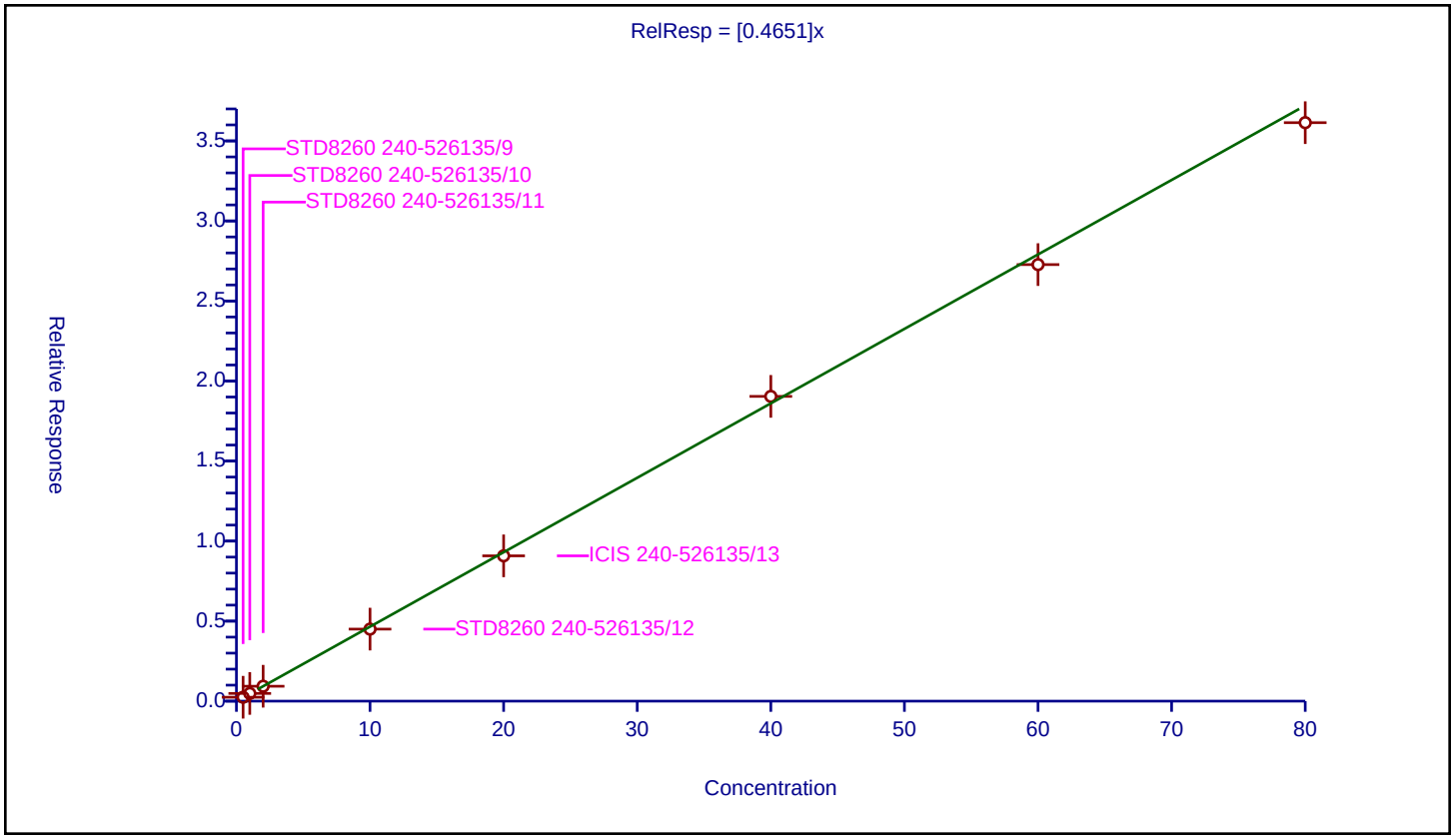
Curve Coefficients

Intercept:	0
Slope:	0.4651

Error Coefficients

Standard Error:	648000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.243911	20.0	571766.0	0.487822	Y
2	STD8260 240-526135/10	1.0	0.481131	20.0	647558.0	0.481131	Y
3	STD8260 240-526135/11	2.0	0.931372	20.0	609187.0	0.465686	Y
4	STD8260 240-526135/12	10.0	4.500404	20.0	655950.0	0.45004	Y
5	ICIS 240-526135/13	20.0	9.07762	20.0	652746.0	0.453881	Y
6	STD8260 240-526135/14	40.0	19.039116	20.0	682351.0	0.475978	Y
7	STD8260 240-526135/15	60.0	27.273236	20.0	661524.0	0.454554	Y
8	STD8260 240-526135/16	80.0	36.139953	20.0	699007.0	0.451749	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

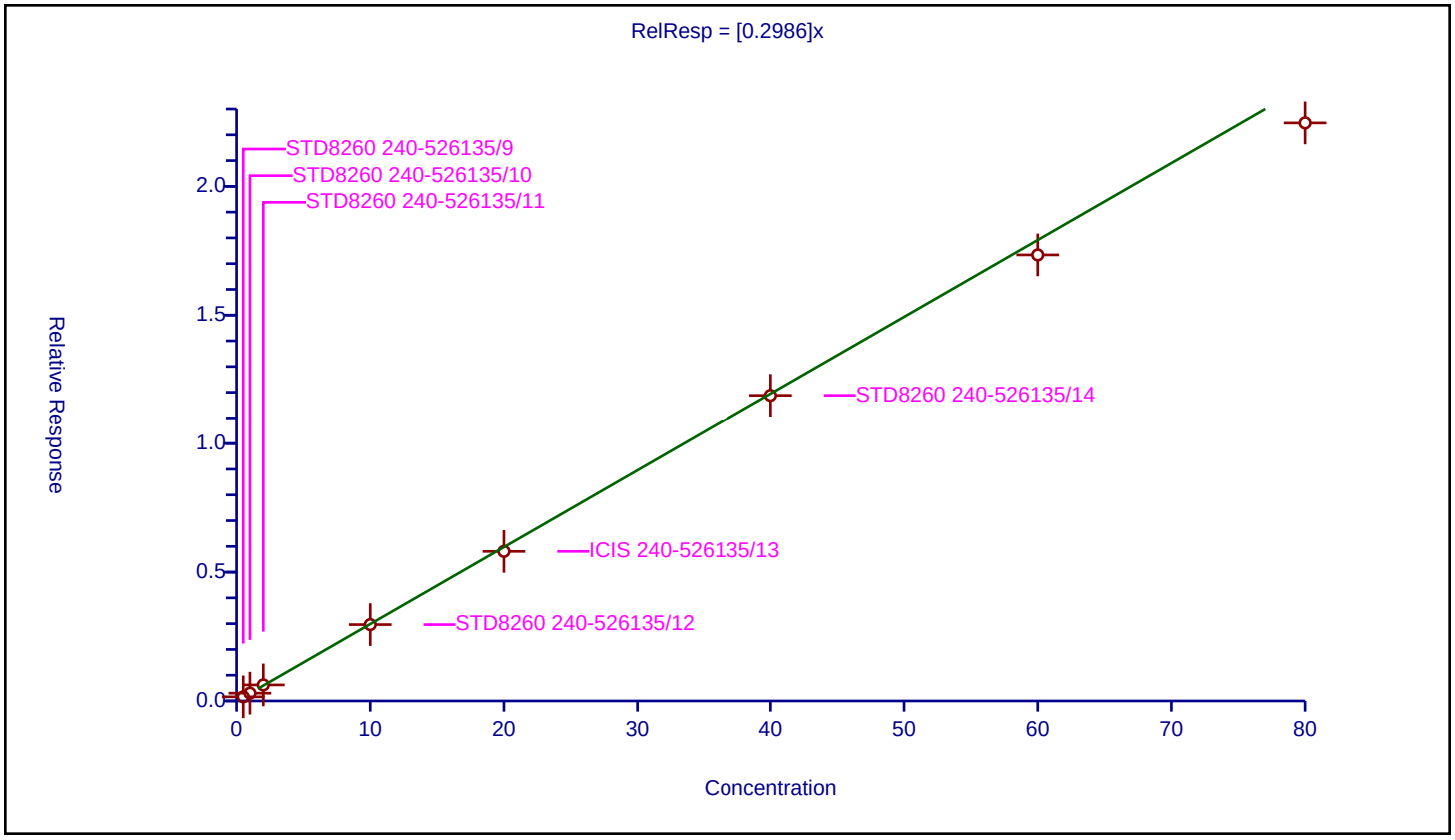
Curve Coefficients

Intercept:	0
Slope:	0.2986

Error Coefficients

Standard Error:	406000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.1608	20.0	571766.0	0.3216	Y
2	STD8260 240-526135/10	1.0	0.302274	20.0	647558.0	0.302274	Y
3	STD8260 240-526135/11	2.0	0.623257	20.0	609187.0	0.311628	Y
4	STD8260 240-526135/12	10.0	2.963427	20.0	655950.0	0.296343	Y
5	ICIS 240-526135/13	20.0	5.805934	20.0	652746.0	0.290297	Y
6	STD8260 240-526135/14	40.0	11.880601	20.0	682351.0	0.297015	Y
7	STD8260 240-526135/15	60.0	17.33987	20.0	661524.0	0.288998	Y
8	STD8260 240-526135/16	80.0	22.462093	20.0	699007.0	0.280776	Y



Calibration / Tetrachloroethene

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

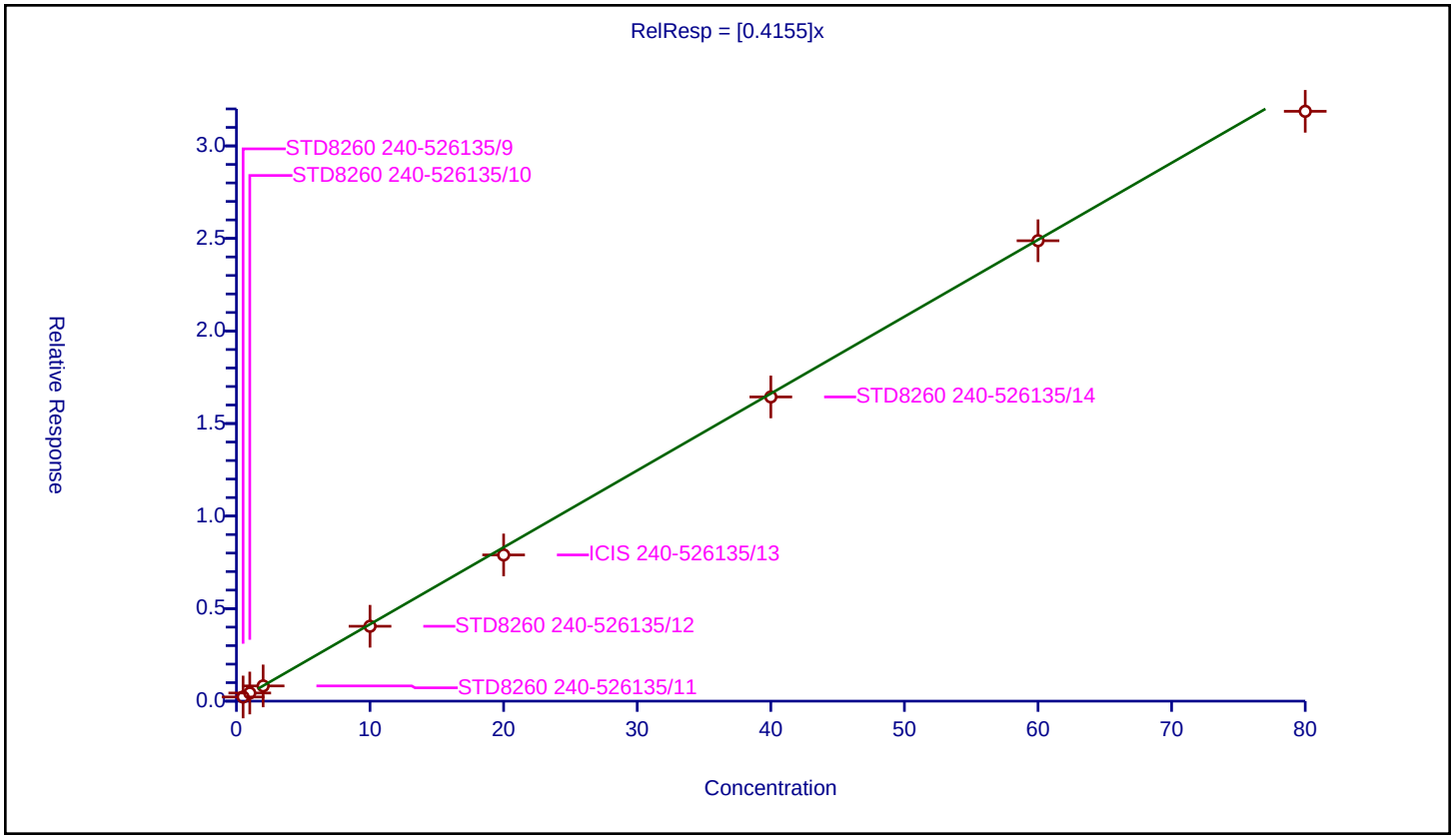
Curve Coefficients

Intercept:	0
Slope:	0.4155

Error Coefficients

Standard Error:	575000
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	STD8260 240-526135/9	0.5	0.224672	20.0	571766.0	0.449345	Y
2	STD8260 240-526135/10	1.0	0.439899	20.0	647558.0	0.439899	Y
3	STD8260 240-526135/11	2.0	0.821981	20.0	609187.0	0.41099	Y
4	STD8260 240-526135/12	10.0	4.045949	20.0	655950.0	0.404595	Y
5	ICIS 240-526135/13	20.0	7.899796	20.0	652746.0	0.39499	Y
6	STD8260 240-526135/14	40.0	16.435852	20.0	682351.0	0.410896	Y
7	STD8260 240-526135/15	60.0	24.876225	20.0	661524.0	0.414604	Y
8	STD8260 240-526135/16	80.0	31.868493	20.0	699007.0	0.398356	Y



Calibration / 1,3-Dichloropropane

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

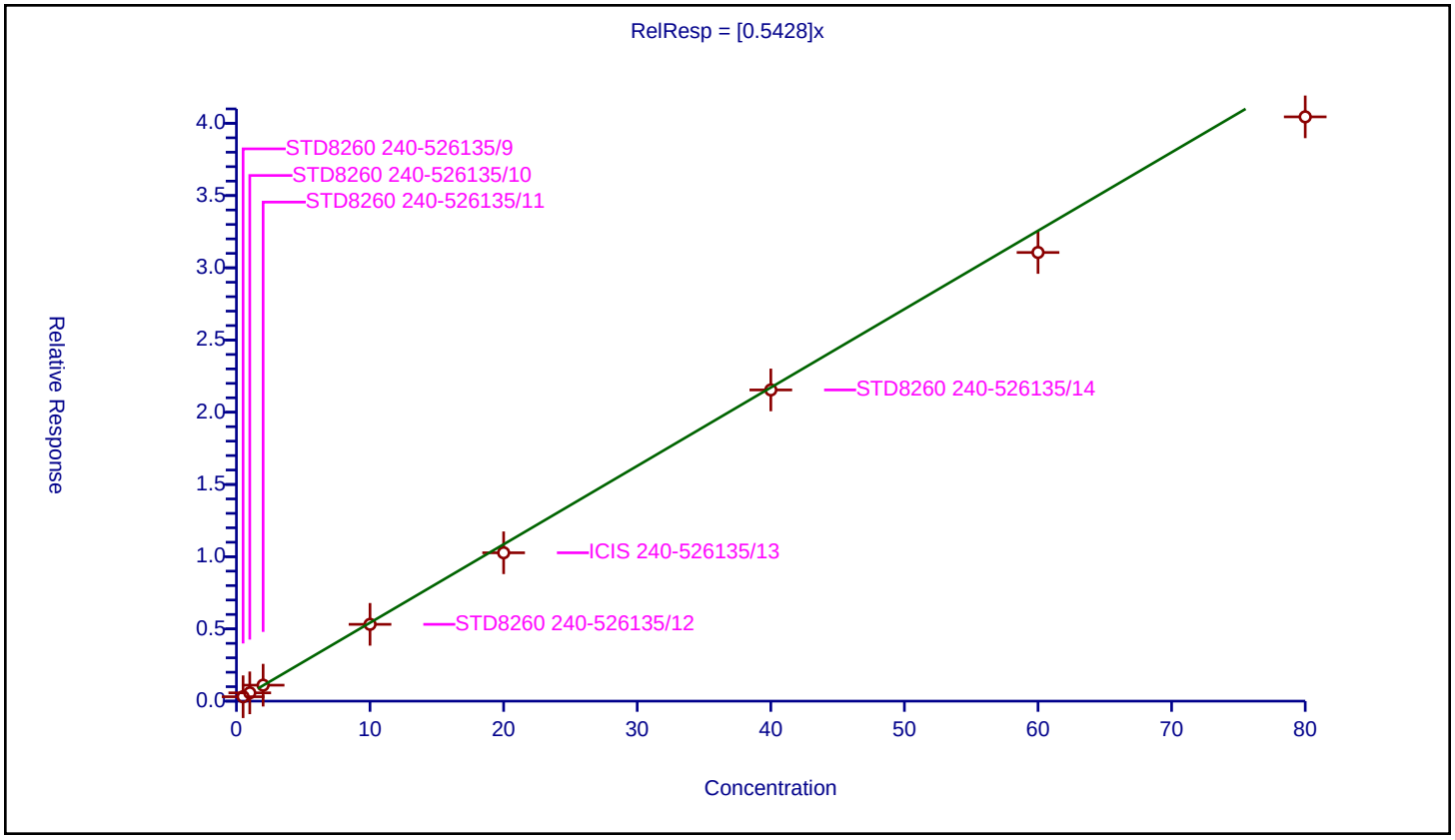
Curve Coefficients

Intercept:	0
Slope:	0.5428

Error Coefficients

Standard Error:	731000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.30432	20.0	571766.0	0.608641	Y
2	STD8260 240-526135/10	1.0	0.573725	20.0	647558.0	0.573725	Y
3	STD8260 240-526135/11	2.0	1.105375	20.0	609187.0	0.552687	Y
4	STD8260 240-526135/12	10.0	5.316564	20.0	655950.0	0.531656	Y
5	ICIS 240-526135/13	20.0	10.271223	20.0	652746.0	0.513561	Y
6	STD8260 240-526135/14	40.0	21.544044	20.0	682351.0	0.538601	Y
7	STD8260 240-526135/15	60.0	31.060581	20.0	661524.0	0.517676	Y
8	STD8260 240-526135/16	80.0	40.448093	20.0	699007.0	0.505601	Y



Calibration / 2-Hexanone

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

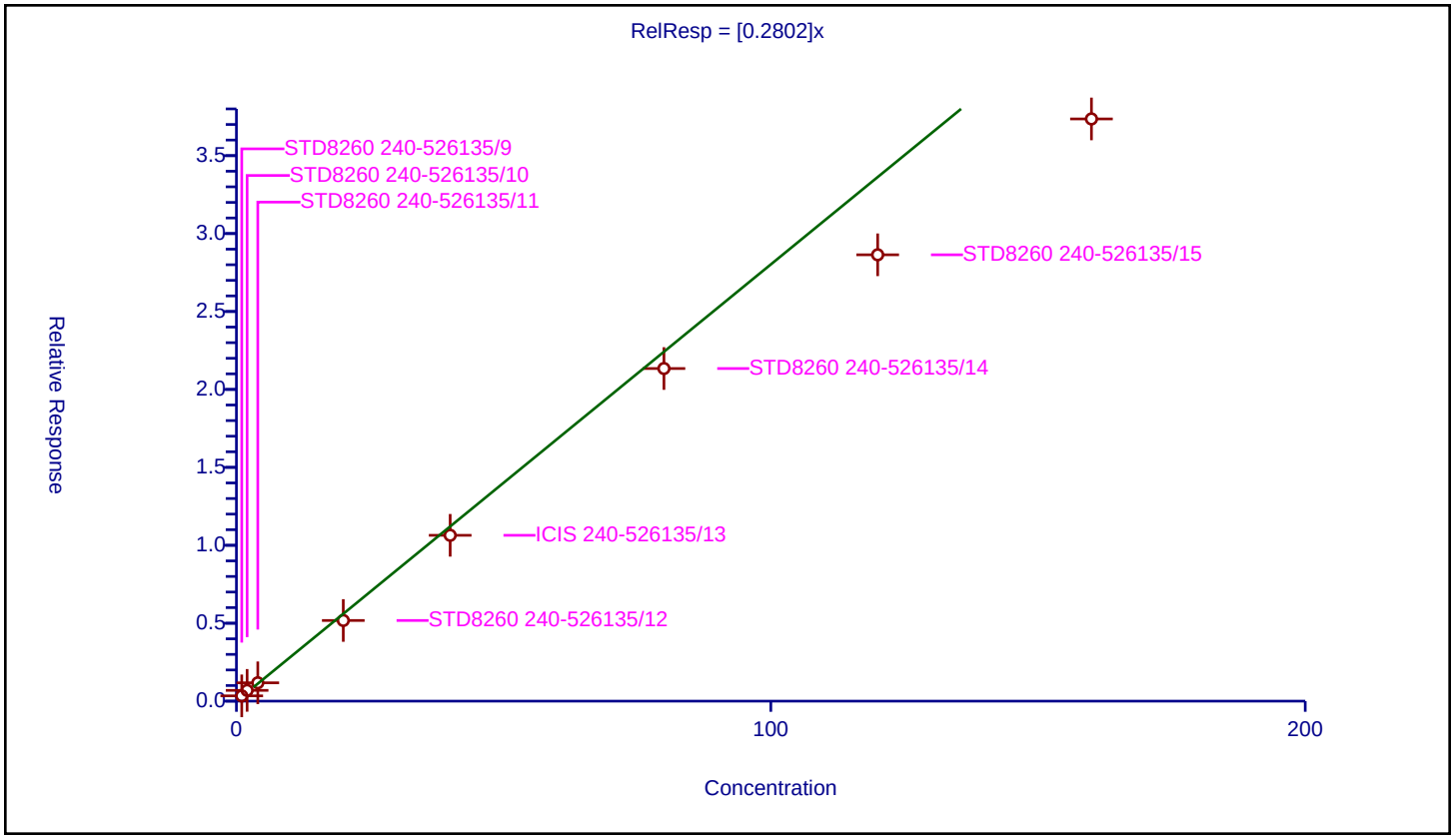
Curve Coefficients

Intercept:	0
Slope:	0.2802

Error Coefficients

Standard Error:	685000
Relative Standard Error:	15.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	1.0	0.33853	20.0	571766.0	0.33853	Y
2	STD8260 240-526135/10	2.0	0.691089	20.0	647558.0	0.345544	Y
3	STD8260 240-526135/11	4.0	1.175731	20.0	609187.0	0.293933	Y
4	STD8260 240-526135/12	20.0	5.175273	20.0	655950.0	0.258764	Y
5	ICIS 240-526135/13	40.0	10.640157	20.0	652746.0	0.266004	Y
6	STD8260 240-526135/14	80.0	21.341685	20.0	682351.0	0.266771	Y
7	STD8260 240-526135/15	120.0	28.638447	20.0	661524.0	0.238654	Y
8	STD8260 240-526135/16	160.0	37.356479	20.0	699007.0	0.233478	Y



Calibration / Chlorodibromomethane

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

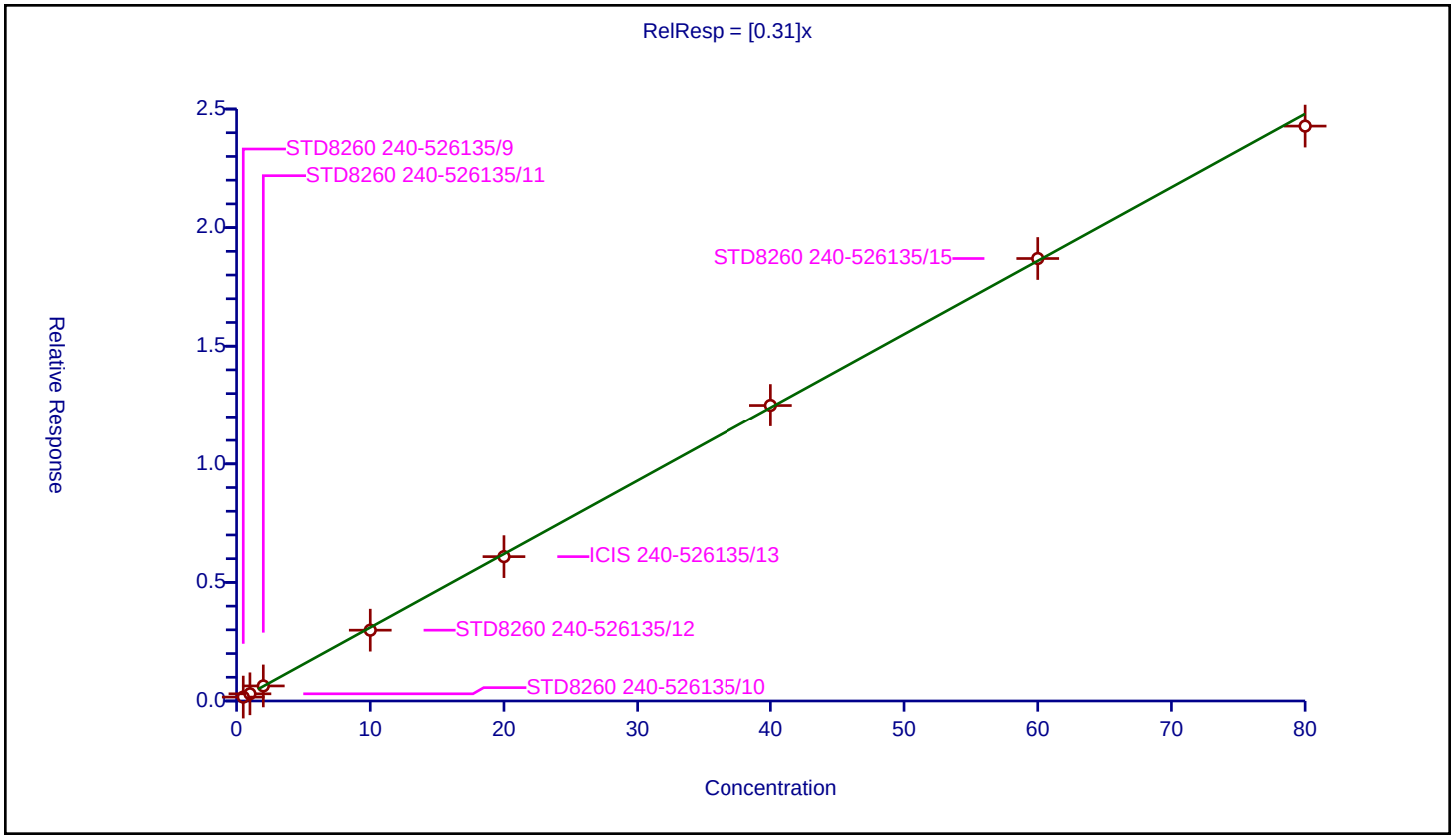
Curve Coefficients

Intercept:	0
Slope:	0.31

Error Coefficients

Standard Error:	437000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.164298	20.0	571766.0	0.328596	Y
2	STD8260 240-526135/10	1.0	0.303262	20.0	647558.0	0.303262	Y
3	STD8260 240-526135/11	2.0	0.63501	20.0	609187.0	0.317505	Y
4	STD8260 240-526135/12	10.0	2.985319	20.0	655950.0	0.298532	Y
5	ICIS 240-526135/13	20.0	6.086012	20.0	652746.0	0.304301	Y
6	STD8260 240-526135/14	40.0	12.497937	20.0	682351.0	0.312448	Y
7	STD8260 240-526135/15	60.0	18.697372	20.0	661524.0	0.311623	Y
8	STD8260 240-526135/16	80.0	24.280186	20.0	699007.0	0.303502	Y



Calibration / Ethylene Dibromide

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

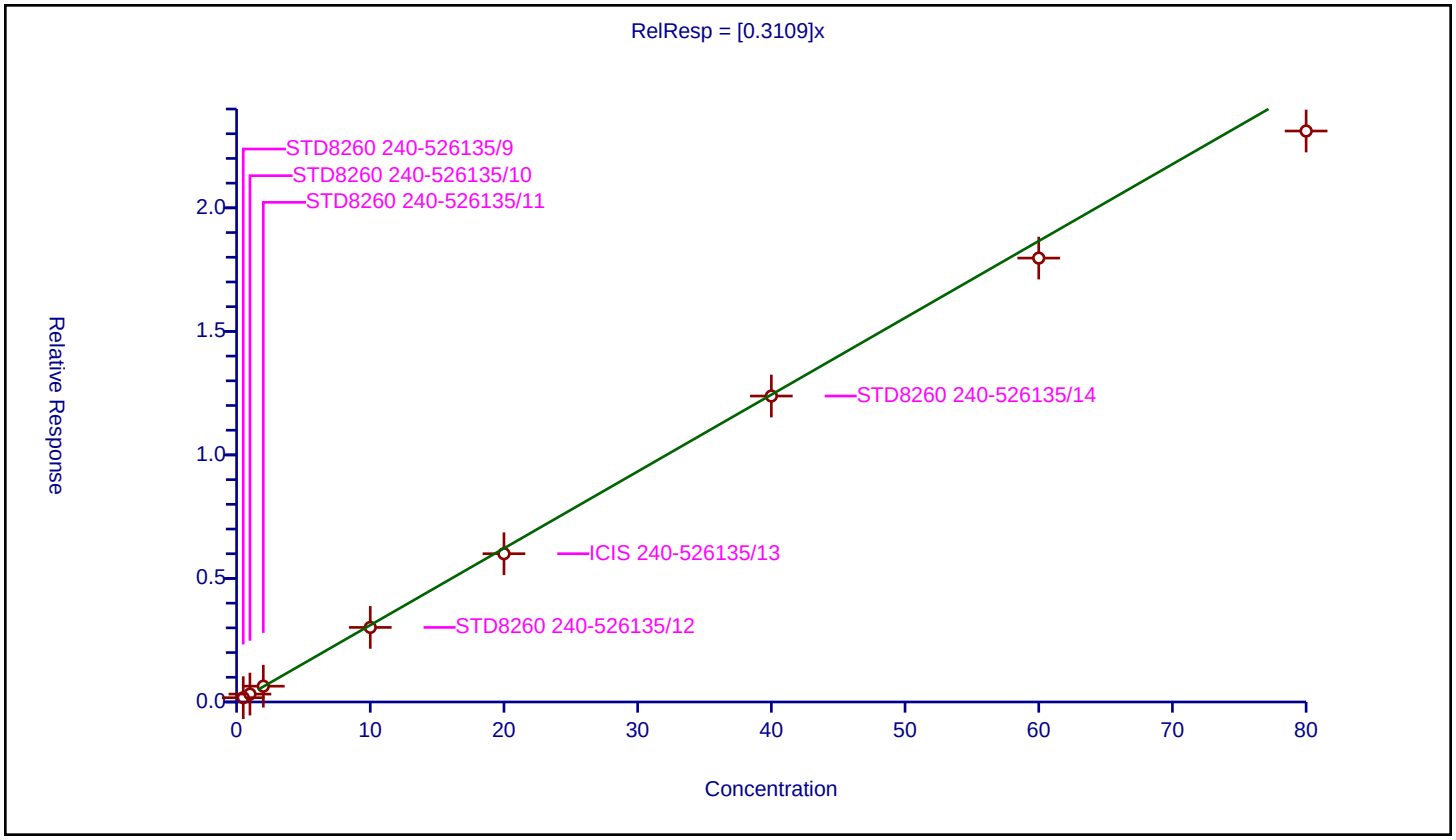
Curve Coefficients

Intercept:	0
Slope:	0.3109

Error Coefficients

Standard Error:	420000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.174057	20.0	571766.0	0.348114	Y
2	STD8260 240-526135/10	1.0	0.320033	20.0	647558.0	0.320033	Y
3	STD8260 240-526135/11	2.0	0.639147	20.0	609187.0	0.319573	Y
4	STD8260 240-526135/12	10.0	3.018797	20.0	655950.0	0.30188	Y
5	ICIS 240-526135/13	20.0	6.001446	20.0	652746.0	0.300072	Y
6	STD8260 240-526135/14	40.0	12.383832	20.0	682351.0	0.309596	Y
7	STD8260 240-526135/15	60.0	17.966211	20.0	661524.0	0.299437	Y
8	STD8260 240-526135/16	80.0	23.109096	20.0	699007.0	0.288864	Y



Calibration / Chlorobenzene

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

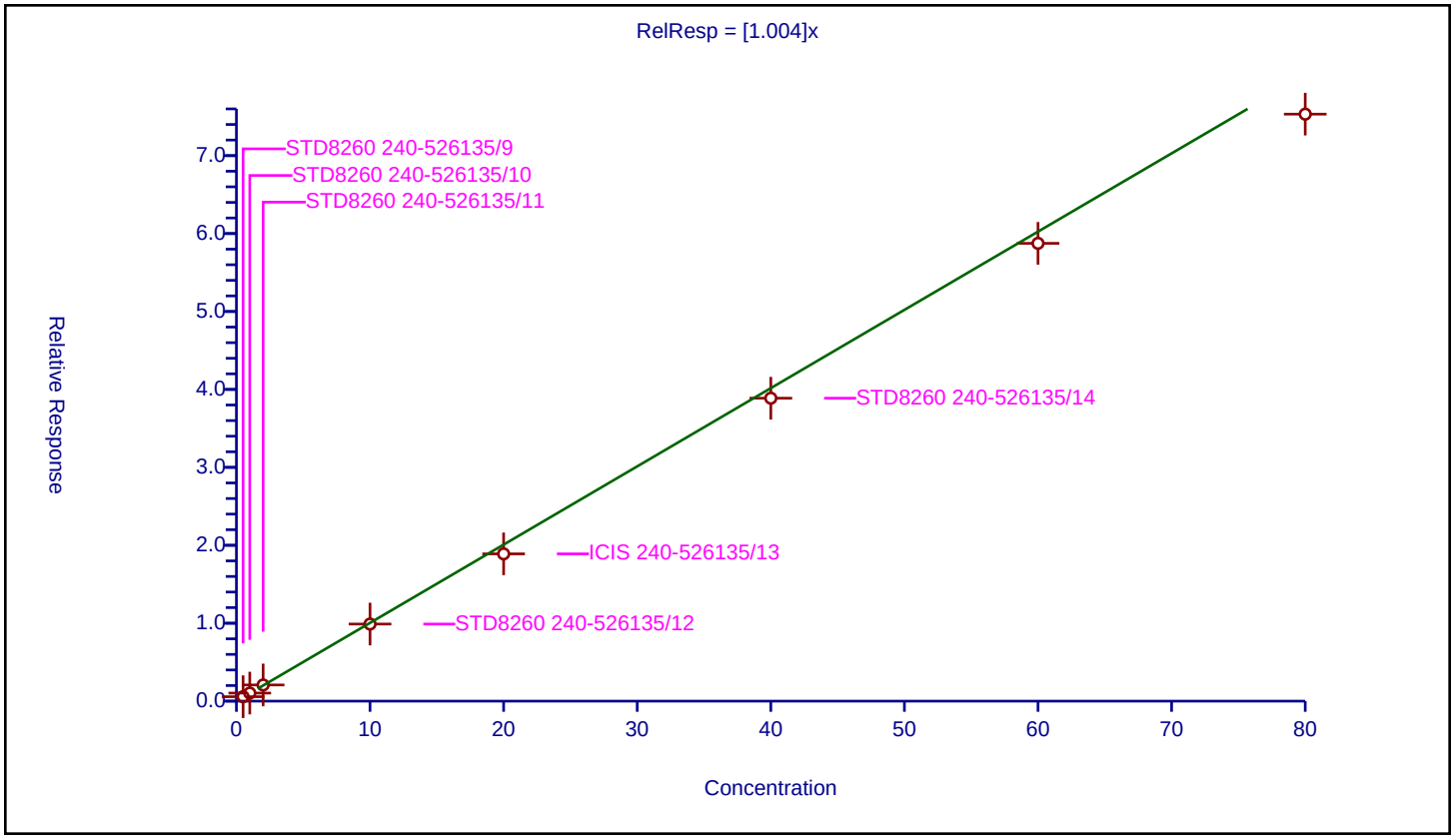
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.56754	20.0	571766.0	1.13508	Y
2	STD8260 240-526135/10	1.0	1.033421	20.0	647558.0	1.033421	Y
3	STD8260 240-526135/11	2.0	2.07575	20.0	609187.0	1.037875	Y
4	STD8260 240-526135/12	10.0	9.893894	20.0	655950.0	0.989389	Y
5	ICIS 240-526135/13	20.0	18.897274	20.0	652746.0	0.944864	Y
6	STD8260 240-526135/14	40.0	38.875036	20.0	682351.0	0.971876	Y
7	STD8260 240-526135/15	60.0	58.747105	20.0	661524.0	0.979118	Y
8	STD8260 240-526135/16	80.0	75.326198	20.0	699007.0	0.941577	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

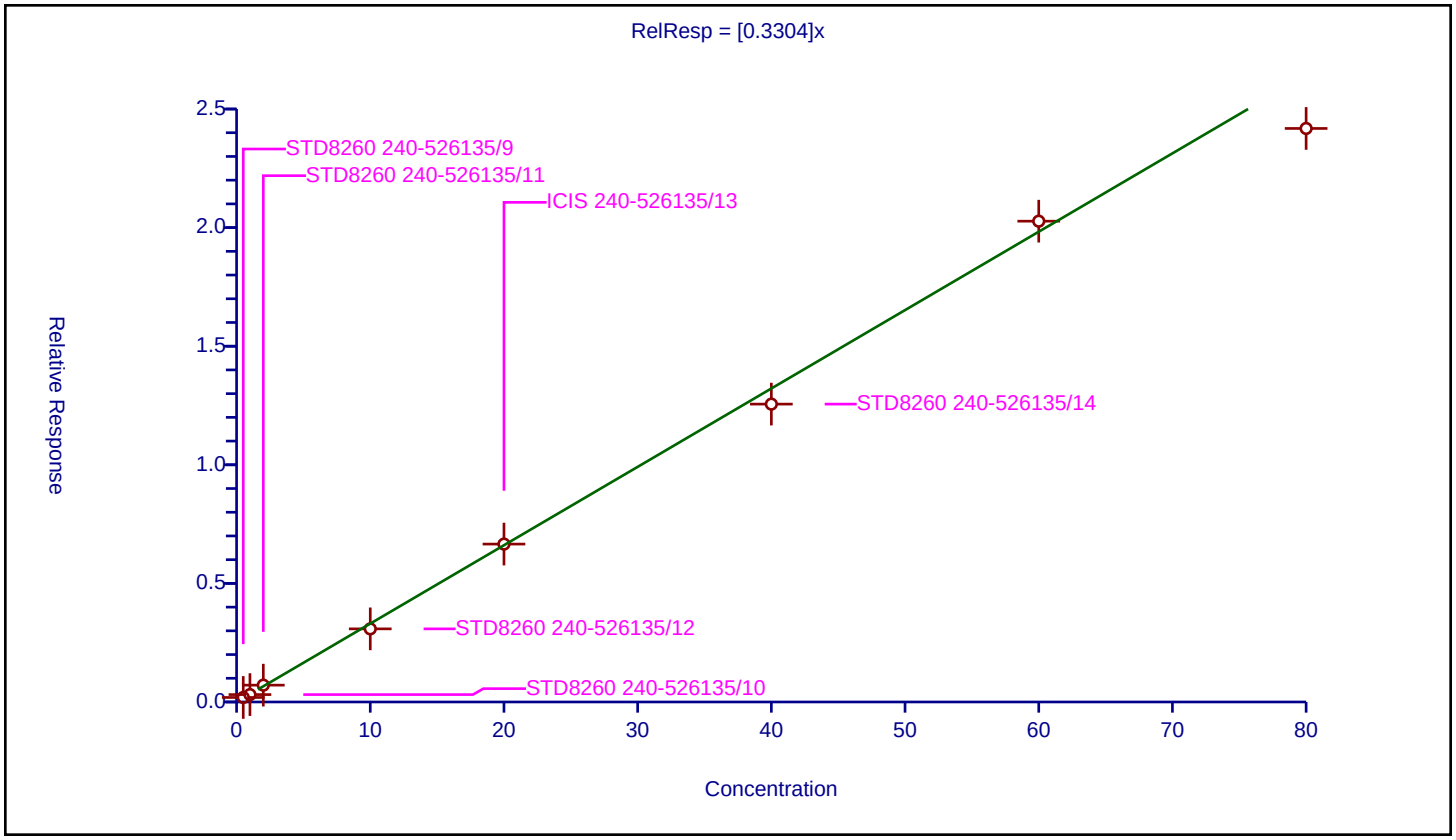
Curve Coefficients

Intercept:	0
Slope:	0.3304

Error Coefficients

Standard Error:	448000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.190463	20.0	571766.0	0.380925	Y
2	STD8260 240-526135/10	1.0	0.312497	20.0	647558.0	0.312497	Y
3	STD8260 240-526135/11	2.0	0.709569	20.0	609187.0	0.354784	Y
4	STD8260 240-526135/12	10.0	3.082857	20.0	655950.0	0.308286	Y
5	ICIS 240-526135/13	20.0	6.657383	20.0	652746.0	0.332869	Y
6	STD8260 240-526135/14	40.0	12.558756	20.0	682351.0	0.313969	Y
7	STD8260 240-526135/15	60.0	20.271162	20.0	661524.0	0.337853	Y
8	STD8260 240-526135/16	80.0	24.180387	20.0	699007.0	0.302255	Y



Calibration / Ethylbenzene

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

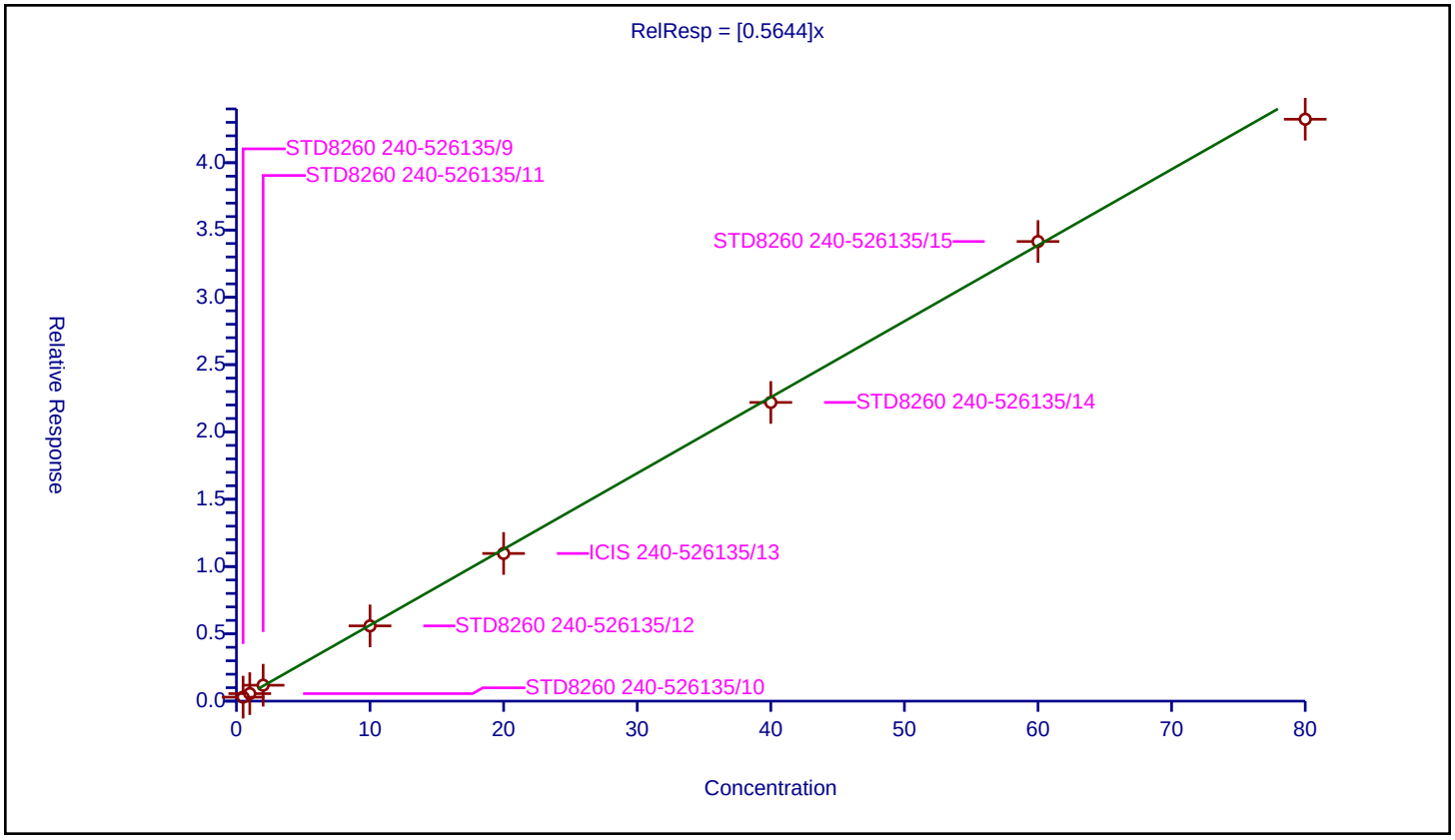
Curve Coefficients

Intercept:	0
Slope:	0.5644

Error Coefficients

Standard Error:	783000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.29645	20.0	571766.0	0.5929	Y
2	STD8260 240-526135/10	1.0	0.559116	20.0	647558.0	0.559116	Y
3	STD8260 240-526135/11	2.0	1.182855	20.0	609187.0	0.591428	Y
4	STD8260 240-526135/12	10.0	5.590731	20.0	655950.0	0.559073	Y
5	ICIS 240-526135/13	20.0	10.970148	20.0	652746.0	0.548507	Y
6	STD8260 240-526135/14	40.0	22.192537	20.0	682351.0	0.554813	Y
7	STD8260 240-526135/15	60.0	34.147574	20.0	661524.0	0.569126	Y
8	STD8260 240-526135/16	80.0	43.231756	20.0	699007.0	0.540397	Y



Calibration / m-Xylene & p-Xylene

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

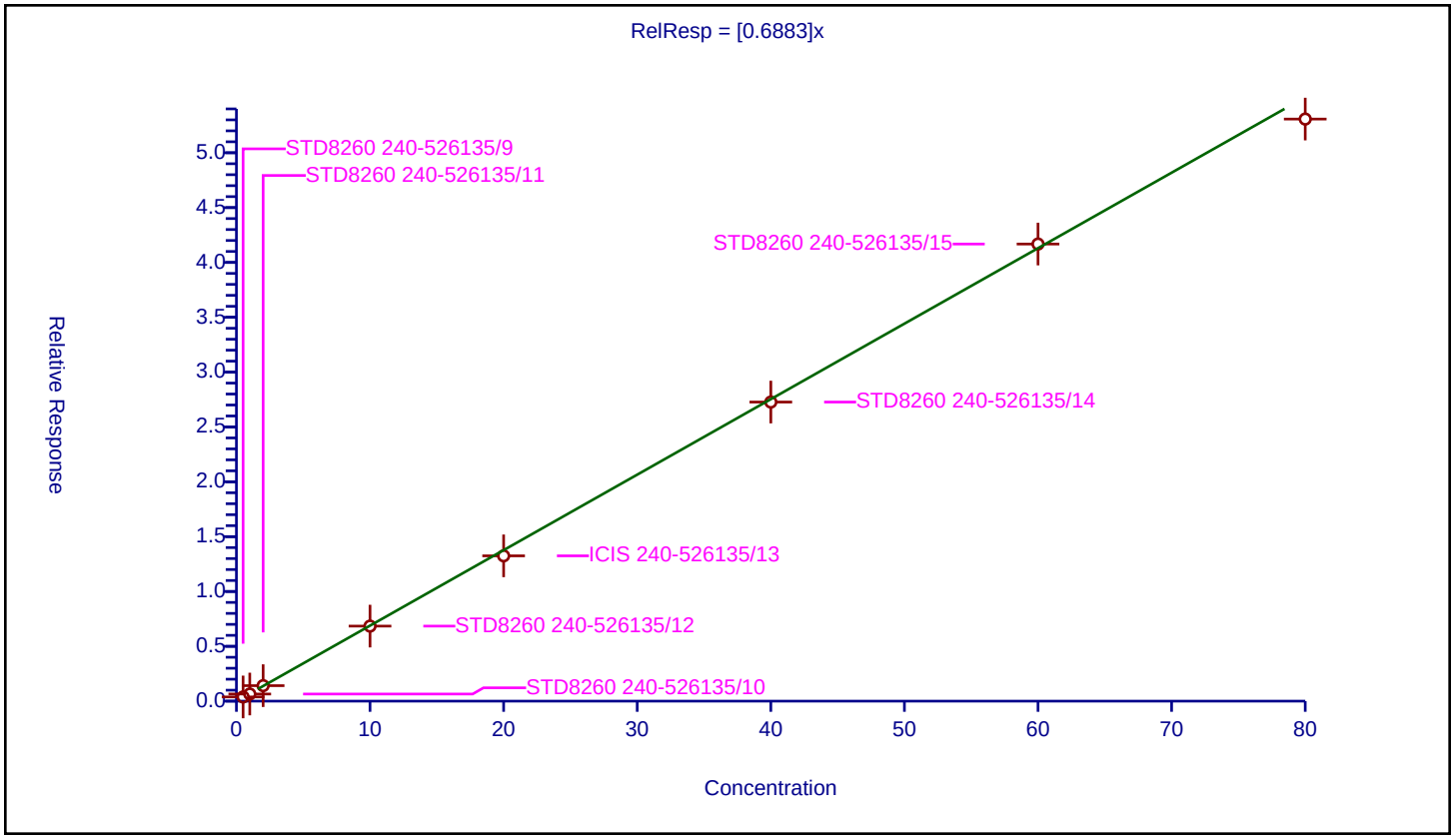
Curve Coefficients

Intercept:	0
Slope:	0.6883

Error Coefficients

Standard Error:	960000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.382079	20.0	571766.0	0.764159	Y
2	STD8260 240-526135/10	1.0	0.650104	20.0	647558.0	0.650104	Y
3	STD8260 240-526135/11	2.0	1.412046	20.0	609187.0	0.706023	Y
4	STD8260 240-526135/12	10.0	6.841619	20.0	655950.0	0.684162	Y
5	ICIS 240-526135/13	20.0	13.24791	20.0	652746.0	0.662395	Y
6	STD8260 240-526135/14	40.0	27.269133	20.0	682351.0	0.681728	Y
7	STD8260 240-526135/15	60.0	41.679183	20.0	661524.0	0.694653	Y
8	STD8260 240-526135/16	80.0	53.071686	20.0	699007.0	0.663396	Y



Calibration / o-Xylene

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

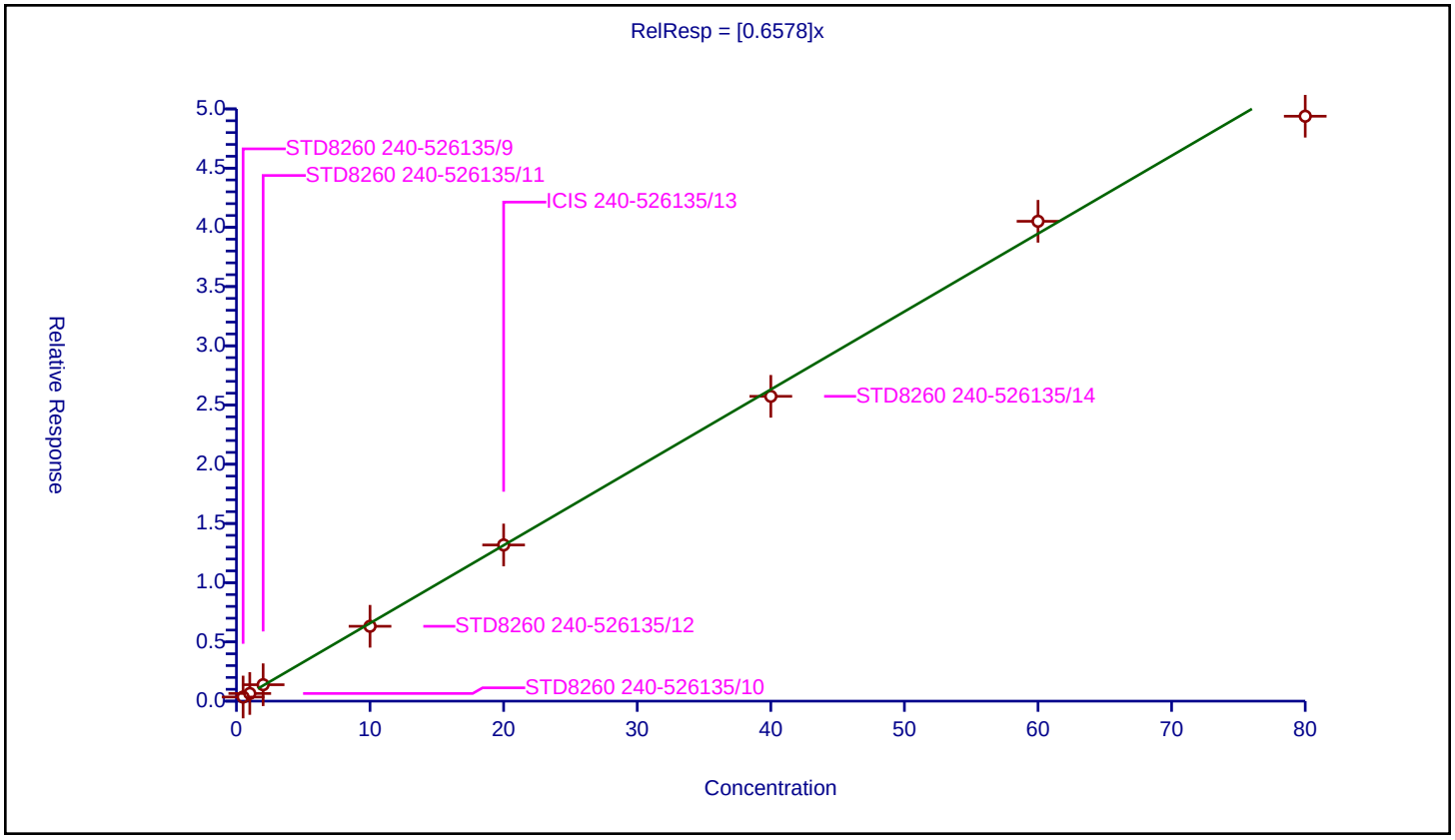
Curve Coefficients

Intercept:	0
Slope:	0.6578

Error Coefficients

Standard Error:	908000
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	STD8260 240-526135/9	0.5	0.34773	20.0	571766.0	0.695459	Y
2	STD8260 240-526135/10	1.0	0.646182	20.0	647558.0	0.646182	Y
3	STD8260 240-526135/11	2.0	1.38716	20.0	609187.0	0.69358	Y
4	STD8260 240-526135/12	10.0	6.320482	20.0	655950.0	0.632048	Y
5	ICIS 240-526135/13	20.0	13.1847	20.0	652746.0	0.659235	Y
6	STD8260 240-526135/14	40.0	25.733149	20.0	682351.0	0.643329	Y
7	STD8260 240-526135/15	60.0	40.511214	20.0	661524.0	0.675187	Y
8	STD8260 240-526135/16	80.0	49.381766	20.0	699007.0	0.617272	Y



Calibration / Styrene

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

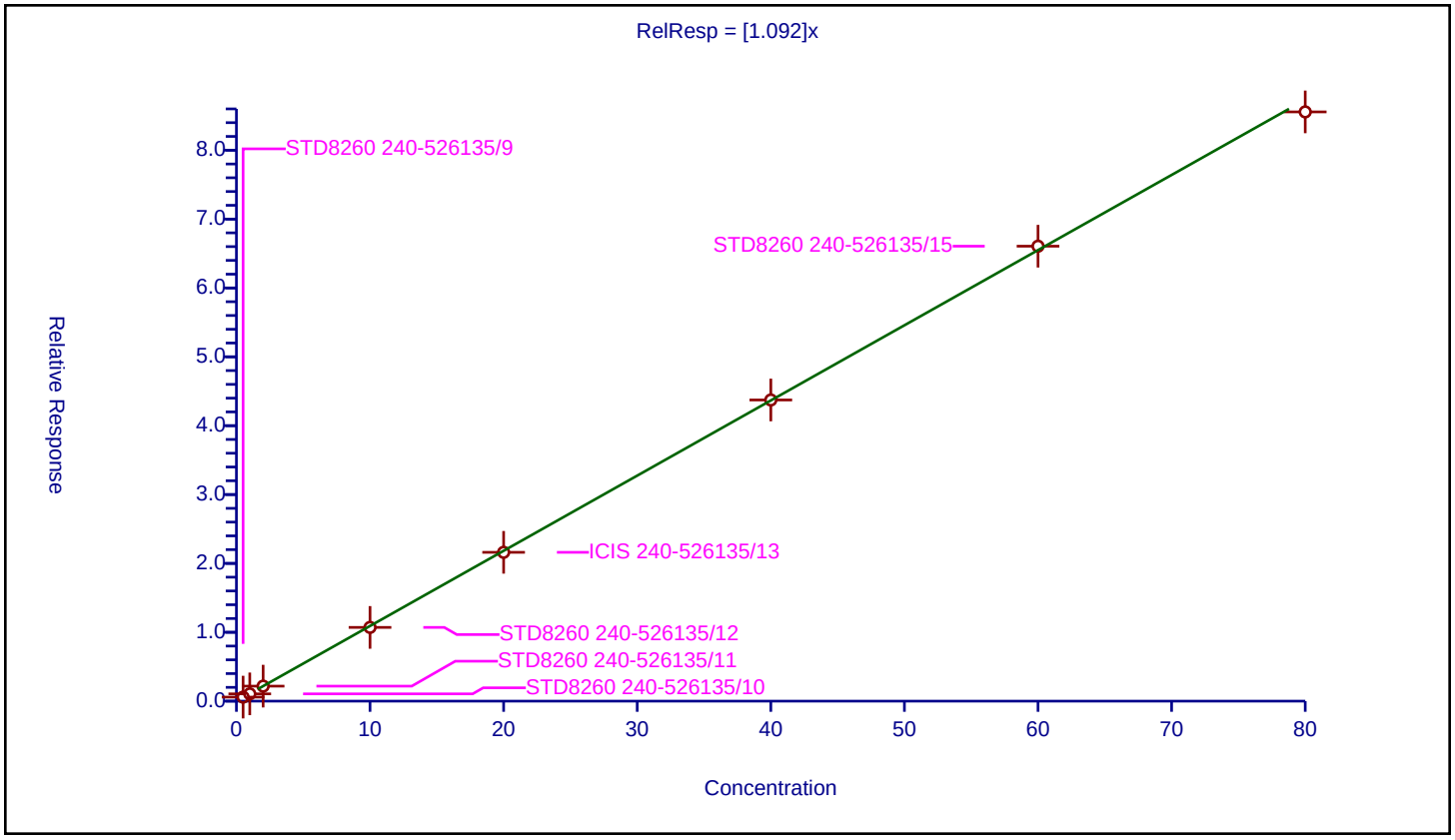
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Standard Error:	1540000
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	STD8260 240-526135/9	0.5	0.585379	20.0	571766.0	1.170759	Y
2	STD8260 240-526135/10	1.0	1.056925	20.0	647558.0	1.056925	Y
3	STD8260 240-526135/11	2.0	2.17851	20.0	609187.0	1.089255	Y
4	STD8260 240-526135/12	10.0	10.70853	20.0	655950.0	1.070853	Y
5	ICIS 240-526135/13	20.0	21.610795	20.0	652746.0	1.08054	Y
6	STD8260 240-526135/14	40.0	43.732918	20.0	682351.0	1.093323	Y
7	STD8260 240-526135/15	60.0	66.06167	20.0	661524.0	1.101028	Y
8	STD8260 240-526135/16	80.0	85.561632	20.0	699007.0	1.06952	Y



Calibration / Bromoform

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

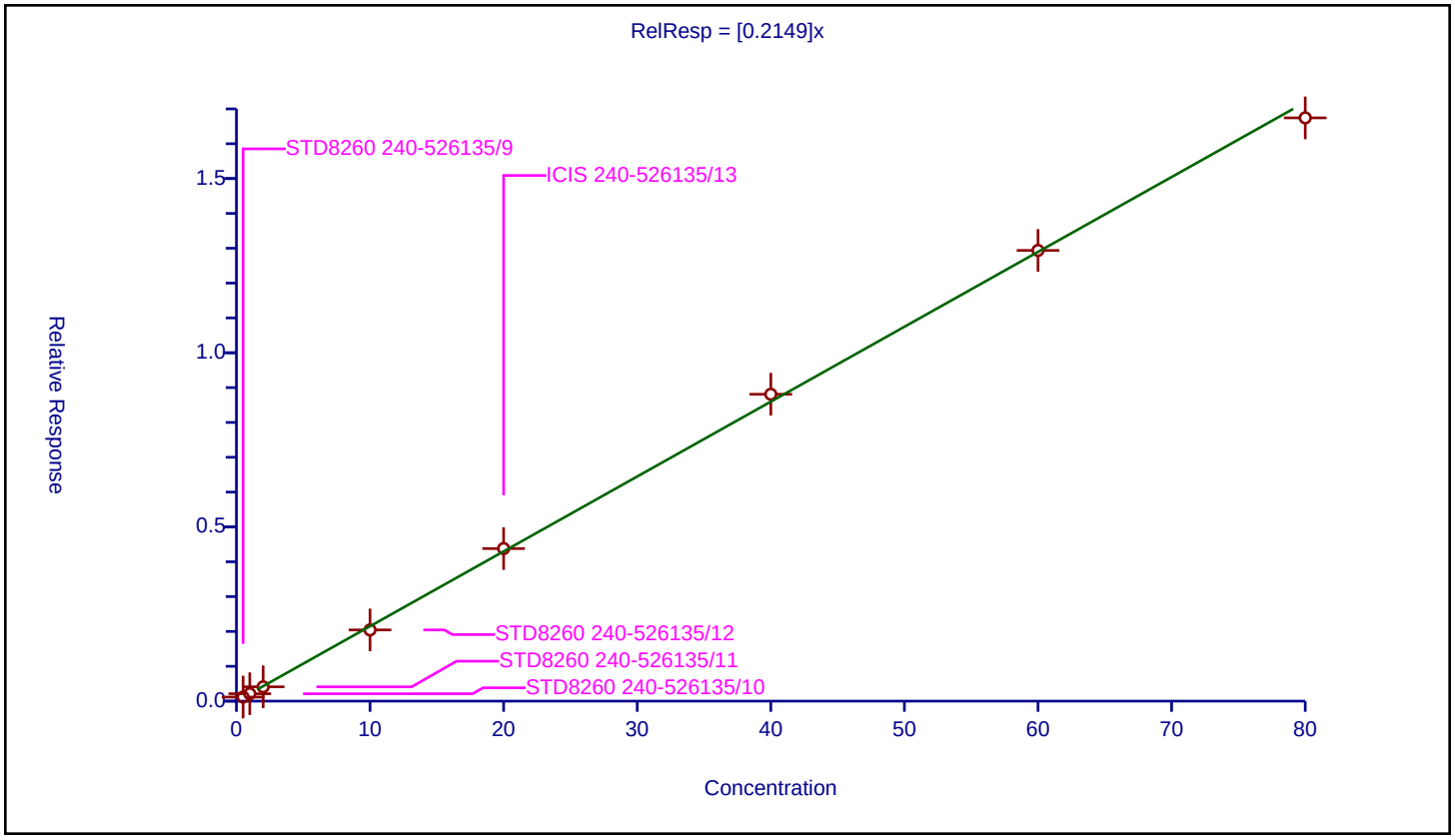
Curve Coefficients

Intercept:	0
Slope:	0.2149

Error Coefficients

Standard Error:	303000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.116376	20.0	571766.0	0.232753	Y
2	STD8260 240-526135/10	1.0	0.212676	20.0	647558.0	0.212676	Y
3	STD8260 240-526135/11	2.0	0.41081	20.0	609187.0	0.205405	Y
4	STD8260 240-526135/12	10.0	2.04415	20.0	655950.0	0.204415	Y
5	ICIS 240-526135/13	20.0	4.379468	20.0	652746.0	0.218973	Y
6	STD8260 240-526135/14	40.0	8.808868	20.0	682351.0	0.220222	Y
7	STD8260 240-526135/15	60.0	12.937308	20.0	661524.0	0.215622	Y
8	STD8260 240-526135/16	80.0	16.742407	20.0	699007.0	0.20928	Y



Calibration / Isopropylbenzene

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

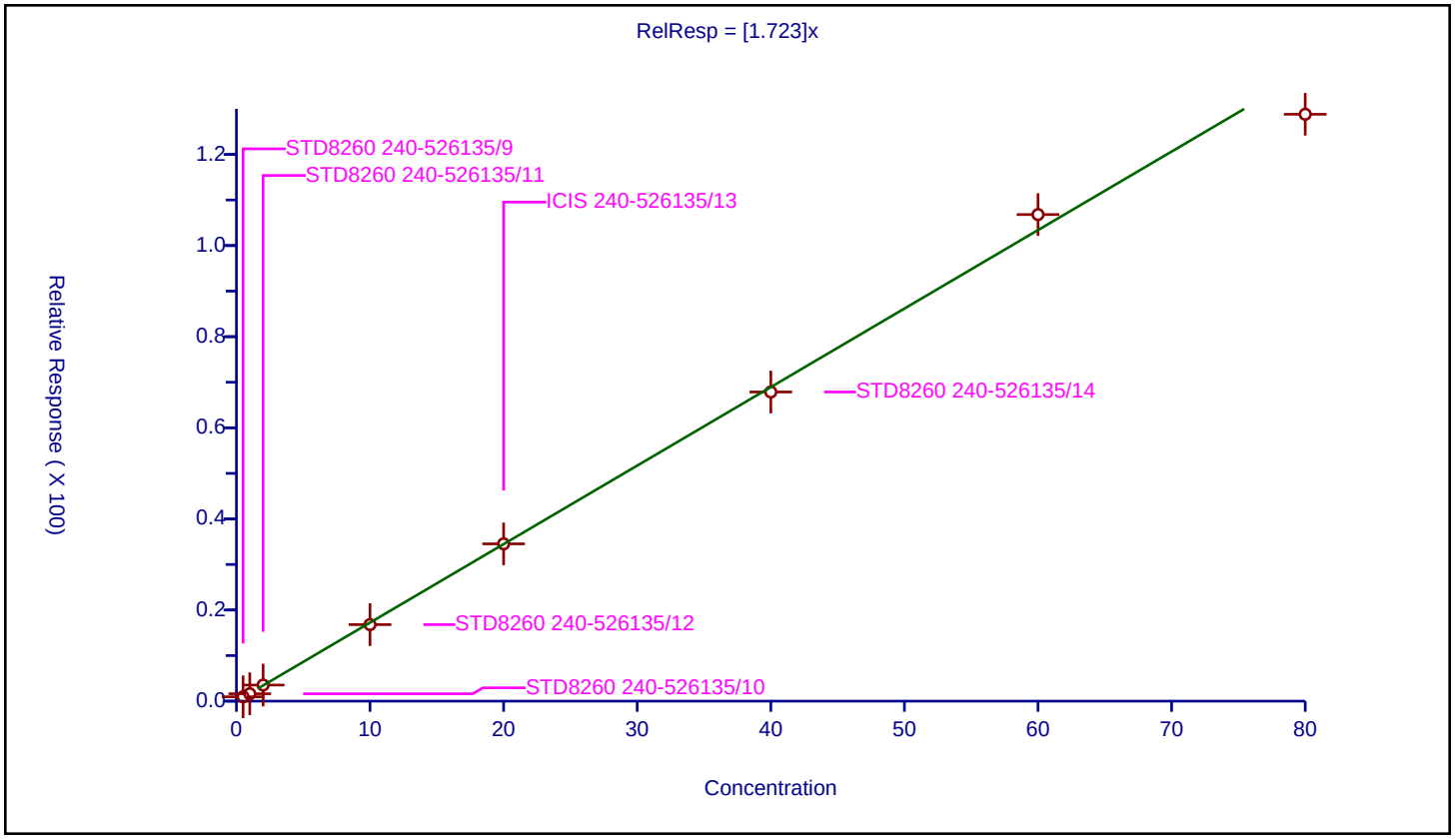
Curve Coefficients

Intercept:	0
Slope:	1.723

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.951928	20.0	571766.0	1.903856	Y
2	STD8260 240-526135/10	1.0	1.621847	20.0	647558.0	1.621847	Y
3	STD8260 240-526135/11	2.0	3.535499	20.0	609187.0	1.767749	Y
4	STD8260 240-526135/12	10.0	16.799848	20.0	655950.0	1.679985	Y
5	ICIS 240-526135/13	20.0	34.525466	20.0	652746.0	1.726273	Y
6	STD8260 240-526135/14	40.0	67.85836	20.0	682351.0	1.696459	Y
7	STD8260 240-526135/15	60.0	106.800267	20.0	661524.0	1.780004	Y
8	STD8260 240-526135/16	80.0	128.819654	20.0	699007.0	1.610246	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

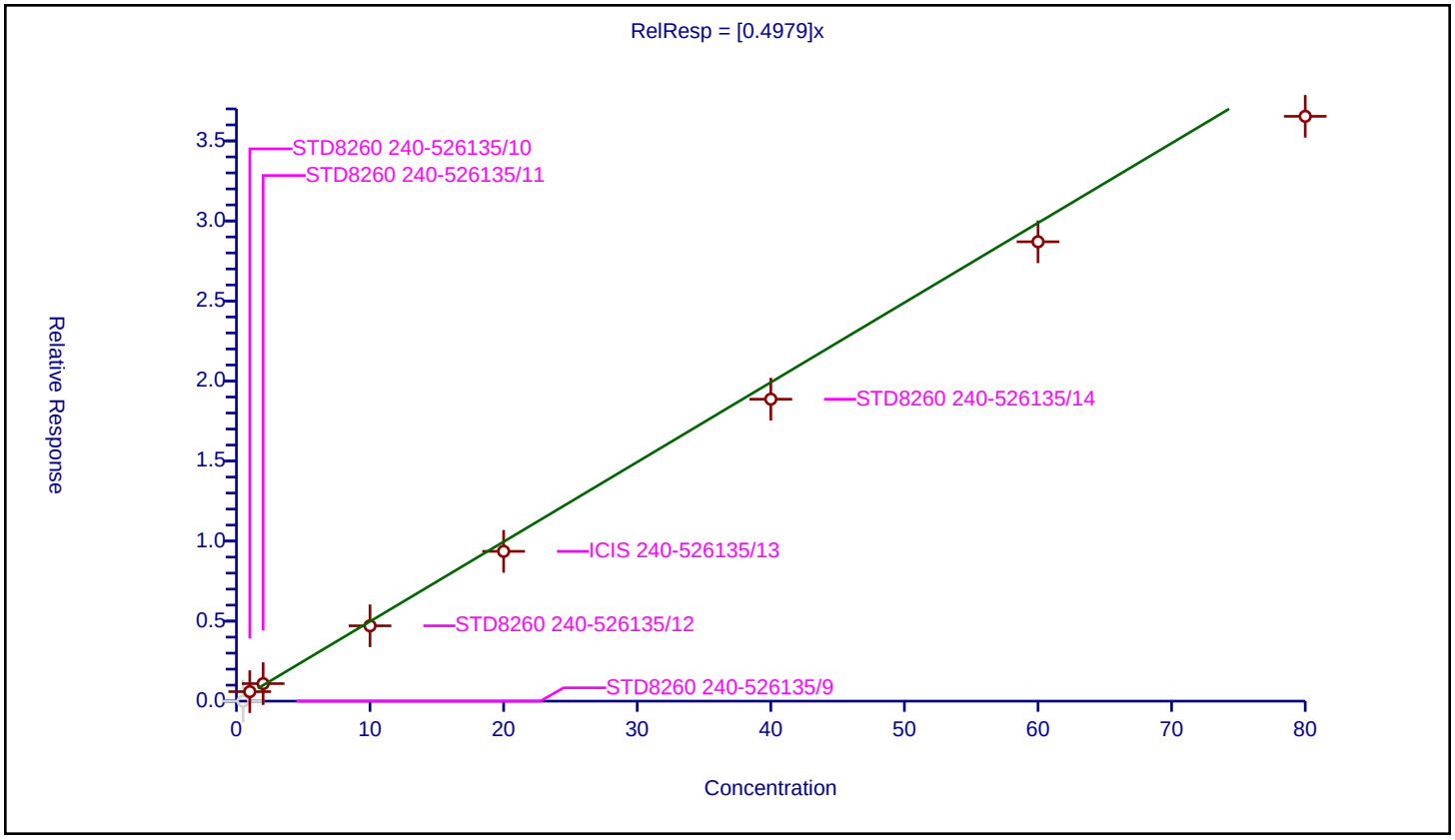
Curve Coefficients

Intercept:	0
Slope:	0.4979

Error Coefficients

Standard Error:	715000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.0	20.0	571766.0	0.0	N
2	STD8260 240-526135/10	1.0	0.593677	20.0	647558.0	0.593677	Y
3	STD8260 240-526135/11	2.0	1.093359	20.0	609187.0	0.546679	Y
4	STD8260 240-526135/12	10.0	4.705633	20.0	655950.0	0.470563	Y
5	ICIS 240-526135/13	20.0	9.358464	20.0	652746.0	0.467923	Y
6	STD8260 240-526135/14	40.0	18.86554	20.0	682351.0	0.471638	Y
7	STD8260 240-526135/15	60.0	28.698369	20.0	661524.0	0.478306	Y
8	STD8260 240-526135/16	80.0	36.534999	20.0	699007.0	0.456687	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

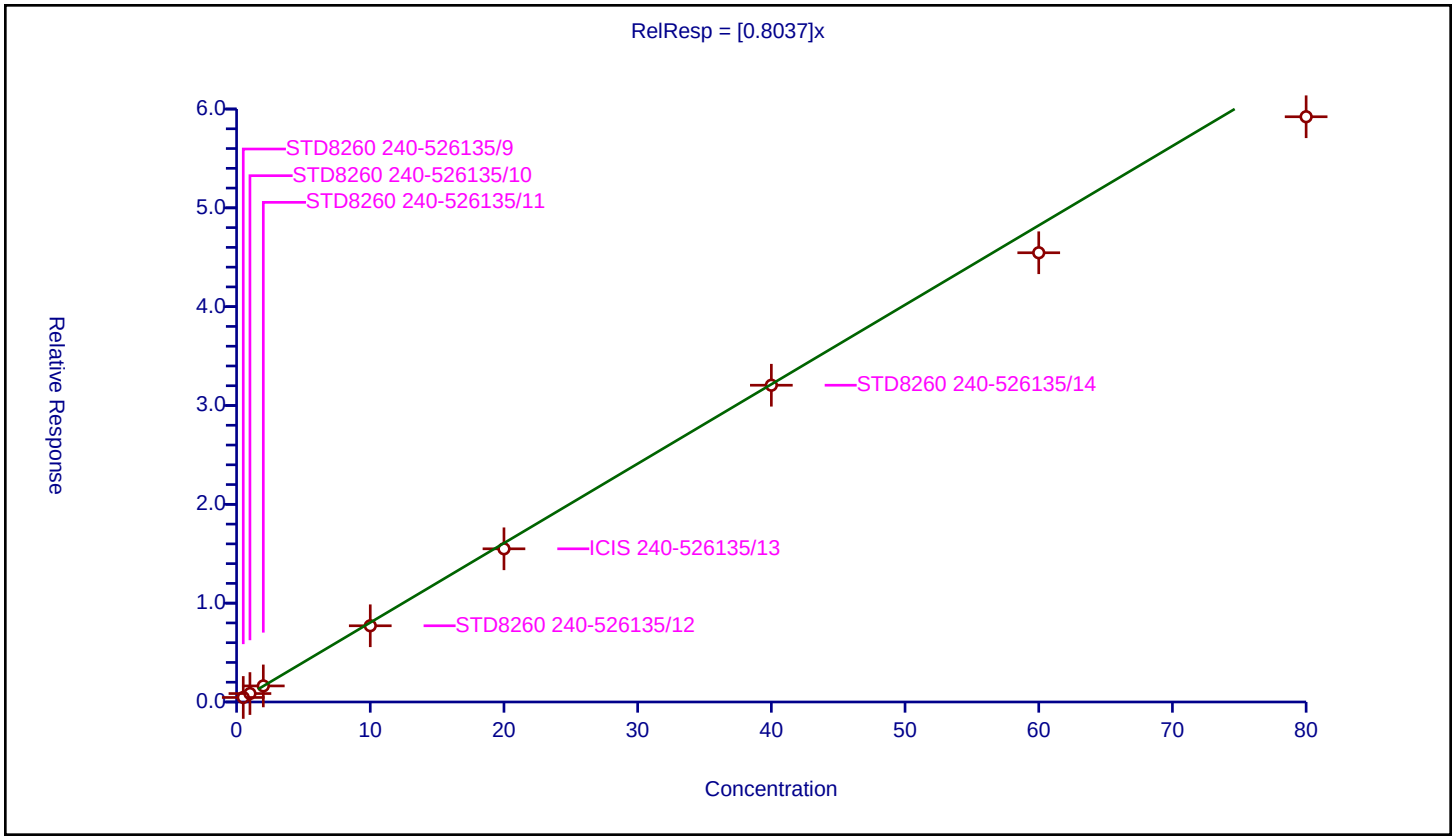
Curve Coefficients

Intercept:	0
Slope:	0.8037

Error Coefficients

Standard Error:	550000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.457967	20.0	326312.0	0.915933	Y
2	STD8260 240-526135/10	1.0	0.855185	20.0	341400.0	0.855185	Y
3	STD8260 240-526135/11	2.0	1.62581	20.0	327406.0	0.812905	Y
4	STD8260 240-526135/12	10.0	7.712347	20.0	337420.0	0.771235	Y
5	ICIS 240-526135/13	20.0	15.500018	20.0	355877.0	0.775001	Y
6	STD8260 240-526135/14	40.0	32.051263	20.0	349336.0	0.801282	Y
7	STD8260 240-526135/15	60.0	45.455589	20.0	351973.0	0.757593	Y
8	STD8260 240-526135/16	80.0	59.218685	20.0	349590.0	0.740234	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

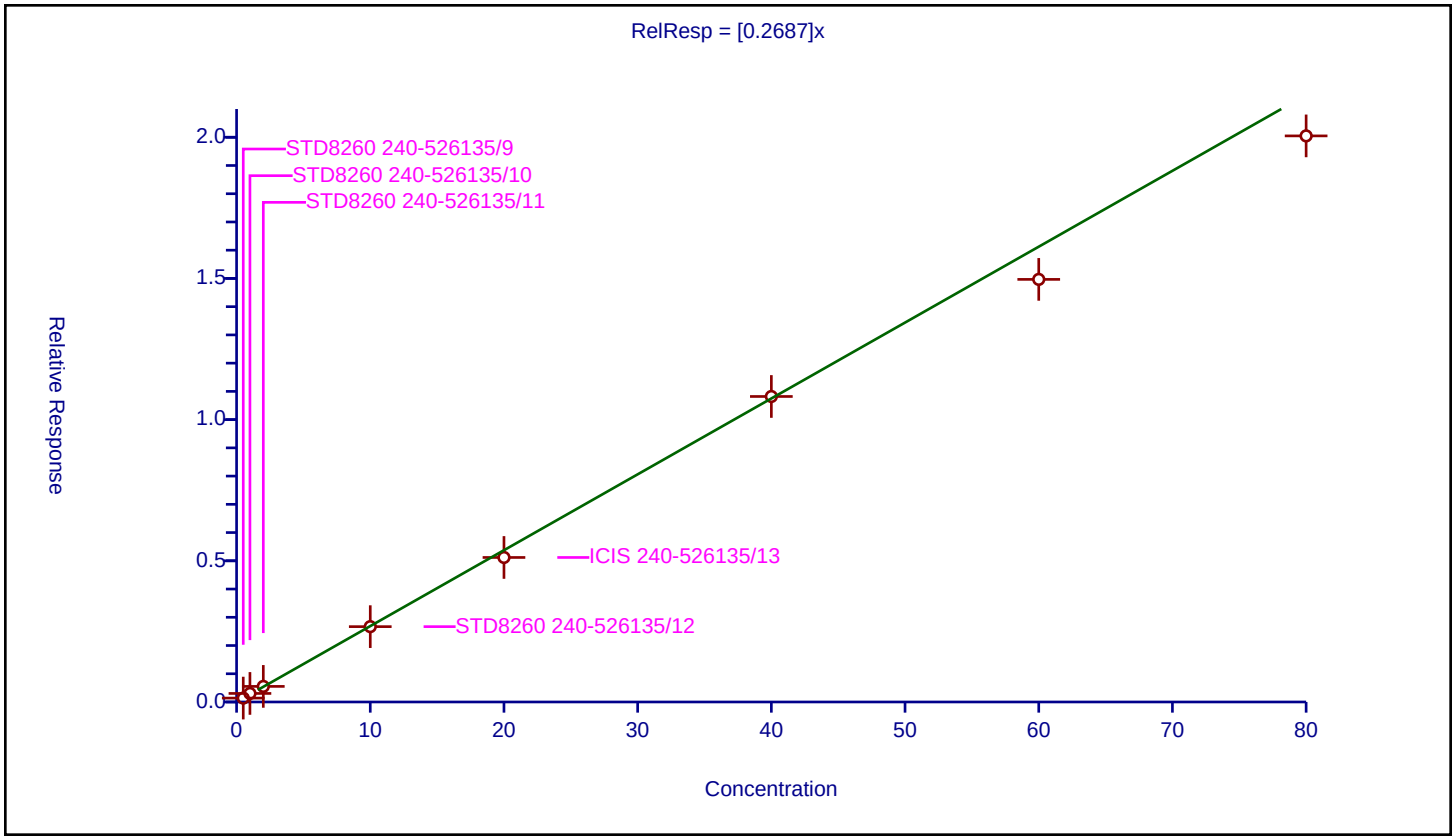
Curve Coefficients

Intercept:	0
Slope:	0.2687

Error Coefficients

Standard Error:	185000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.138763	20.0	326312.0	0.277526	Y
2	STD8260 240-526135/10	1.0	0.303105	20.0	341400.0	0.303105	Y
3	STD8260 240-526135/11	2.0	0.551914	20.0	327406.0	0.275957	Y
4	STD8260 240-526135/12	10.0	2.668484	20.0	337420.0	0.266848	Y
5	ICIS 240-526135/13	20.0	5.118173	20.0	355877.0	0.255909	Y
6	STD8260 240-526135/14	40.0	10.818982	20.0	349336.0	0.270475	Y
7	STD8260 240-526135/15	60.0	14.966034	20.0	351973.0	0.249434	Y
8	STD8260 240-526135/16	80.0	20.048056	20.0	349590.0	0.250601	Y



Calibration / Bromobenzene

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

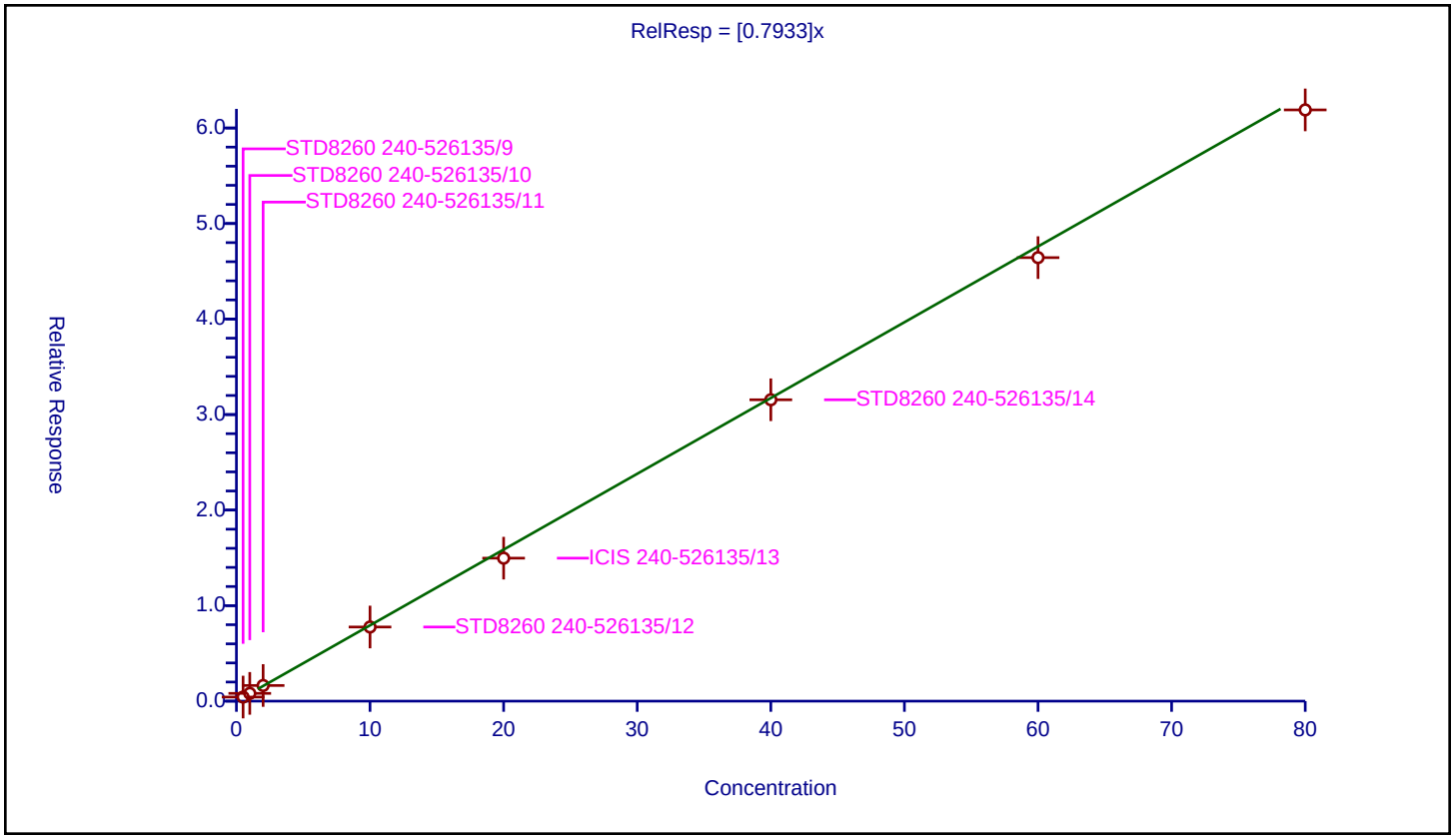
Curve Coefficients

Intercept:	0
Slope:	0.7933

Error Coefficients

Standard Error:	564000
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	STD8260 240-526135/9	0.5	0.427321	20.0	326312.0	0.854642	Y
2	STD8260 240-526135/10	1.0	0.812302	20.0	341400.0	0.812302	Y
3	STD8260 240-526135/11	2.0	1.636989	20.0	327406.0	0.818494	Y
4	STD8260 240-526135/12	10.0	7.762255	20.0	337420.0	0.776225	Y
5	ICIS 240-526135/13	20.0	14.967531	20.0	355877.0	0.748377	Y
6	STD8260 240-526135/14	40.0	31.549855	20.0	349336.0	0.788746	Y
7	STD8260 240-526135/15	60.0	46.430152	20.0	351973.0	0.773836	Y
8	STD8260 240-526135/16	80.0	61.893475	20.0	349590.0	0.773668	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

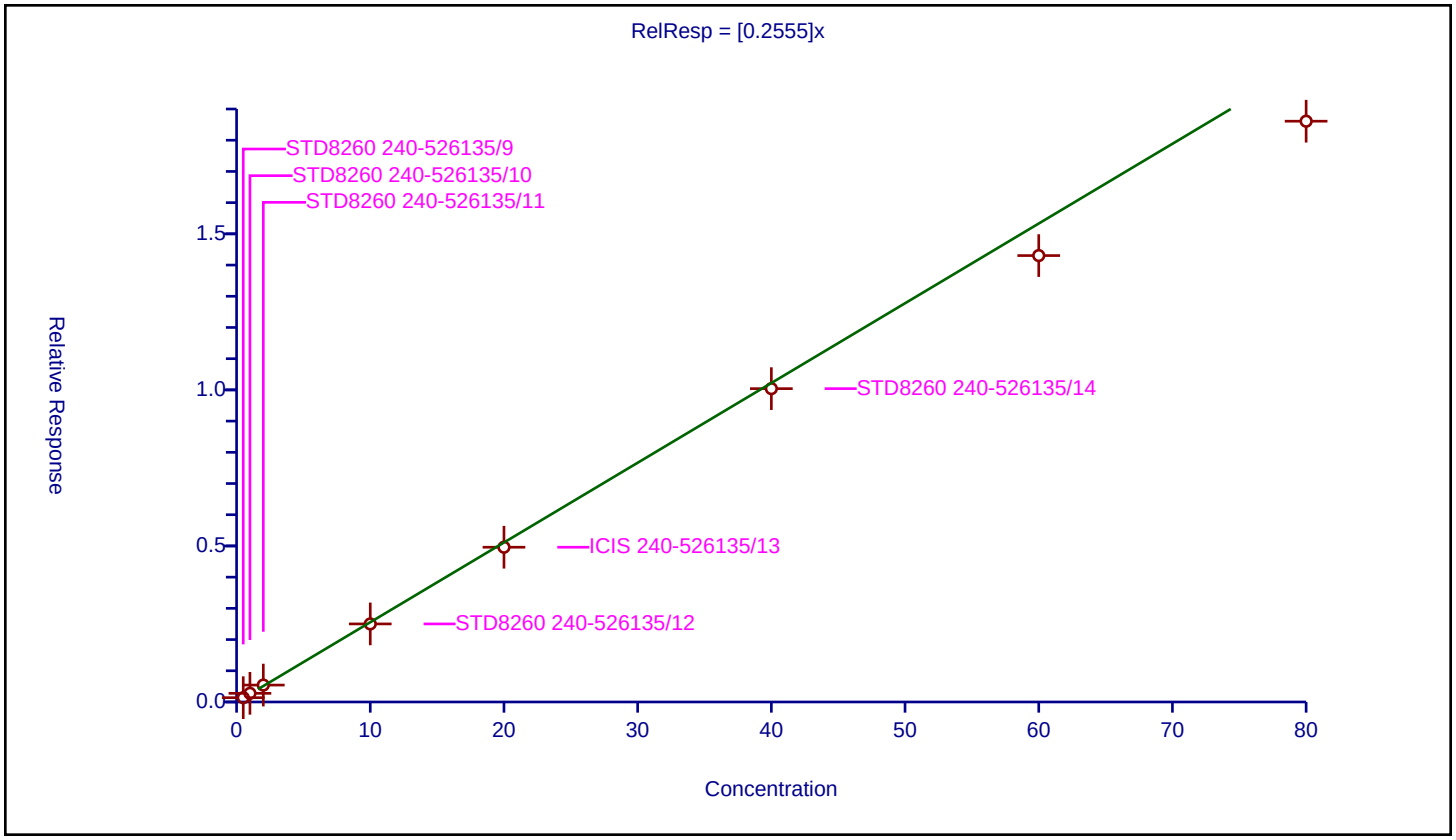
Curve Coefficients

Intercept:	0
Slope:	0.2555

Error Coefficients

Standard Error:	173000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.137905	20.0	326312.0	0.27581	Y
2	STD8260 240-526135/10	1.0	0.276977	20.0	341400.0	0.276977	Y
3	STD8260 240-526135/11	2.0	0.542385	20.0	327406.0	0.271192	Y
4	STD8260 240-526135/12	10.0	2.501334	20.0	337420.0	0.250133	Y
5	ICIS 240-526135/13	20.0	4.958567	20.0	355877.0	0.247928	Y
6	STD8260 240-526135/14	40.0	10.04042	20.0	349336.0	0.25101	Y
7	STD8260 240-526135/15	60.0	14.304109	20.0	351973.0	0.238402	Y
8	STD8260 240-526135/16	80.0	18.609743	20.0	349590.0	0.232622	Y



Calibration / N-Propylbenzene

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

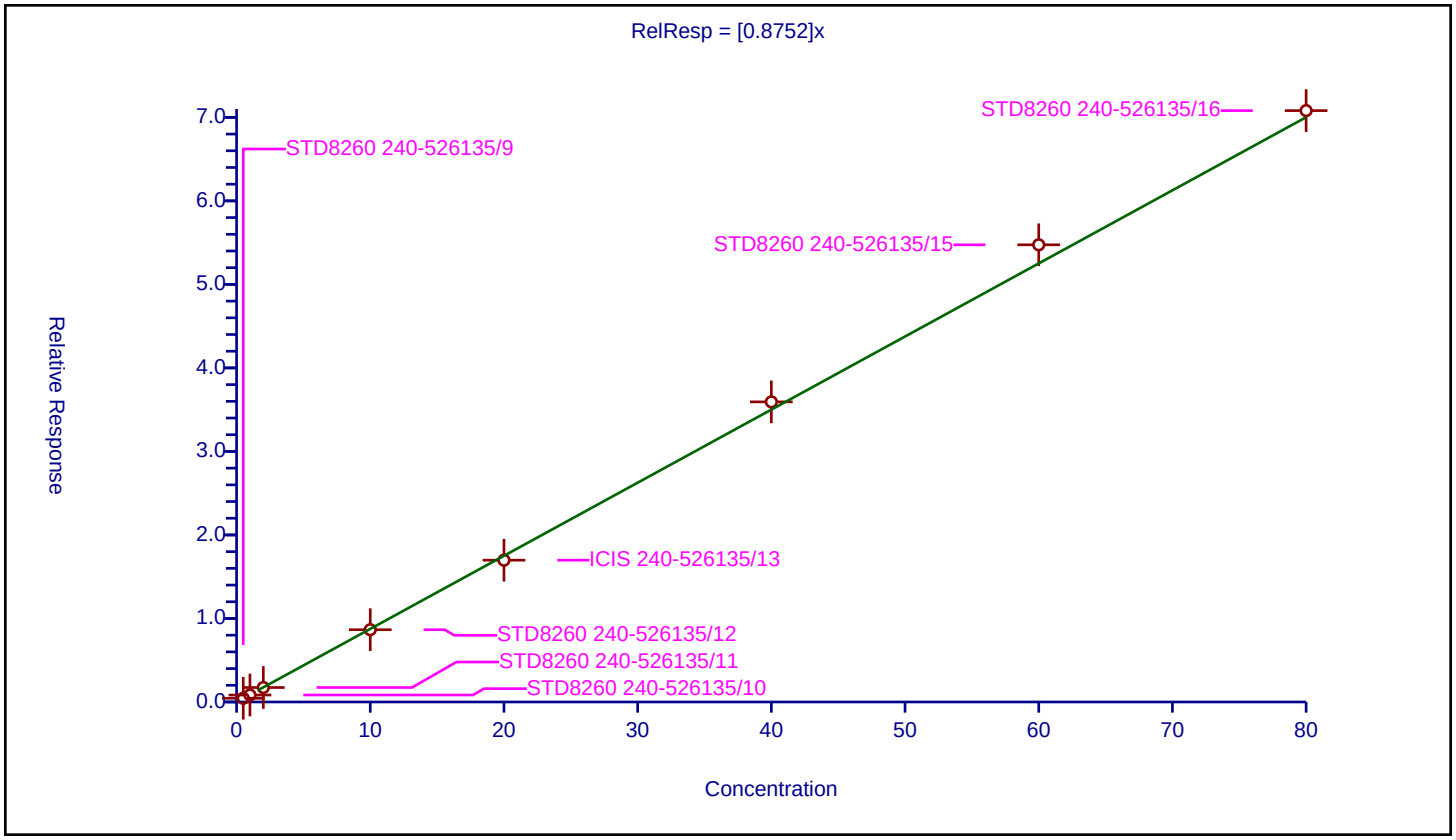
Curve Coefficients

Intercept:	0
Slope:	0.8752

Error Coefficients

Standard Error:	651000
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	STD8260 240-526135/9	0.5	0.445157	20.0	326312.0	0.890314	Y
2	STD8260 240-526135/10	1.0	0.834622	20.0	341400.0	0.834622	Y
3	STD8260 240-526135/11	2.0	1.732833	20.0	327406.0	0.866417	Y
4	STD8260 240-526135/12	10.0	8.654318	20.0	337420.0	0.865432	Y
5	ICIS 240-526135/13	20.0	16.977776	20.0	355877.0	0.848889	Y
6	STD8260 240-526135/14	40.0	35.934974	20.0	349336.0	0.898374	Y
7	STD8260 240-526135/15	60.0	54.740506	20.0	351973.0	0.912342	Y
8	STD8260 240-526135/16	80.0	70.806831	20.0	349590.0	0.885085	Y



Calibration / 2-Chlorotoluene

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

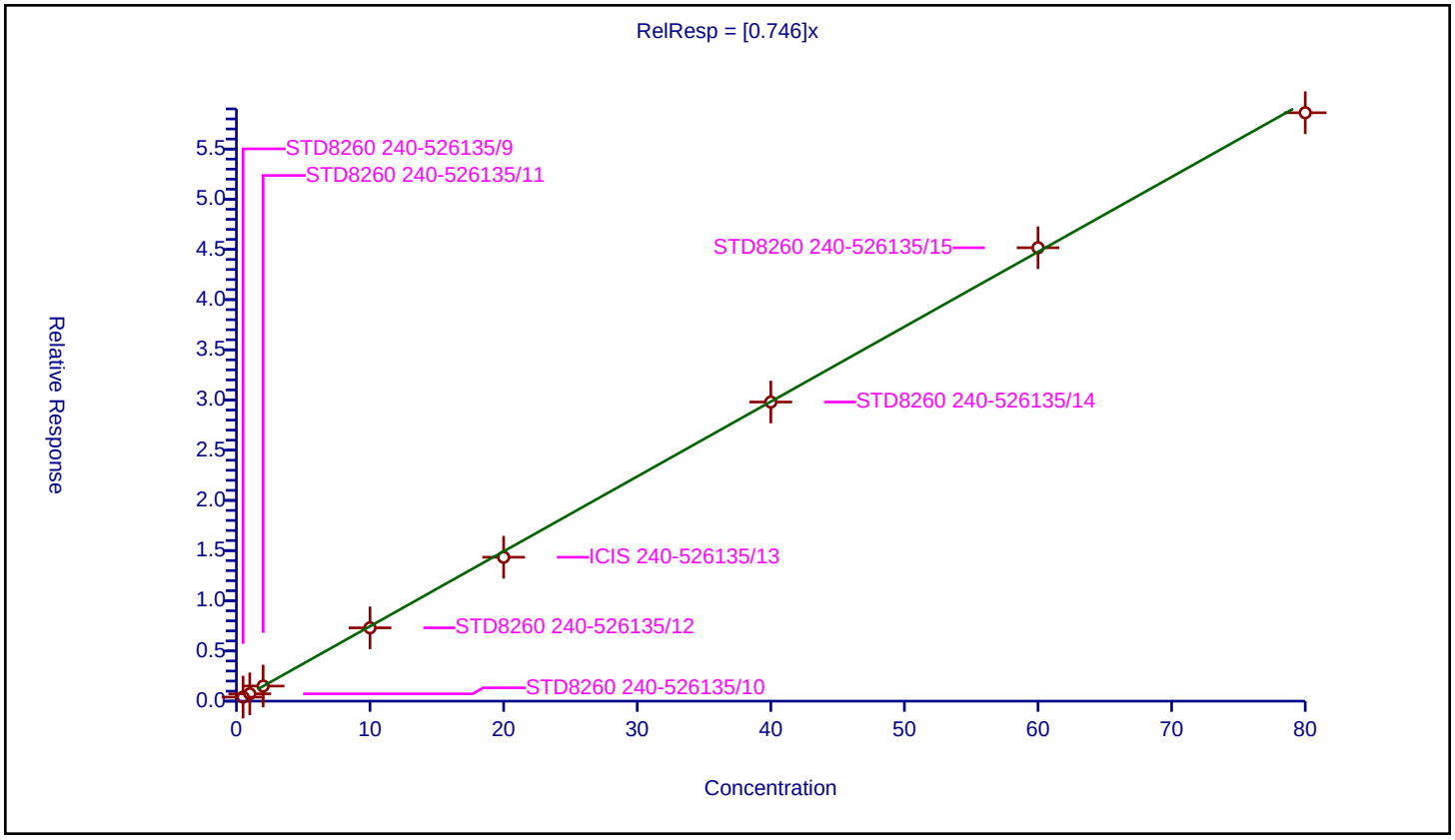
Curve Coefficients

Intercept:	0
Slope:	0.746

Error Coefficients

Standard Error:	539000
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	STD8260 240-526135/9	0.5	0.403601	20.0	326312.0	0.807203	Y
2	STD8260 240-526135/10	1.0	0.732045	20.0	341400.0	0.732045	Y
3	STD8260 240-526135/11	2.0	1.501744	20.0	327406.0	0.750872	Y
4	STD8260 240-526135/12	10.0	7.302768	20.0	337420.0	0.730277	Y
5	ICIS 240-526135/13	20.0	14.336358	20.0	355877.0	0.716818	Y
6	STD8260 240-526135/14	40.0	29.798647	20.0	349336.0	0.744966	Y
7	STD8260 240-526135/15	60.0	45.167158	20.0	351973.0	0.752786	Y
8	STD8260 240-526135/16	80.0	58.616436	20.0	349590.0	0.732705	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

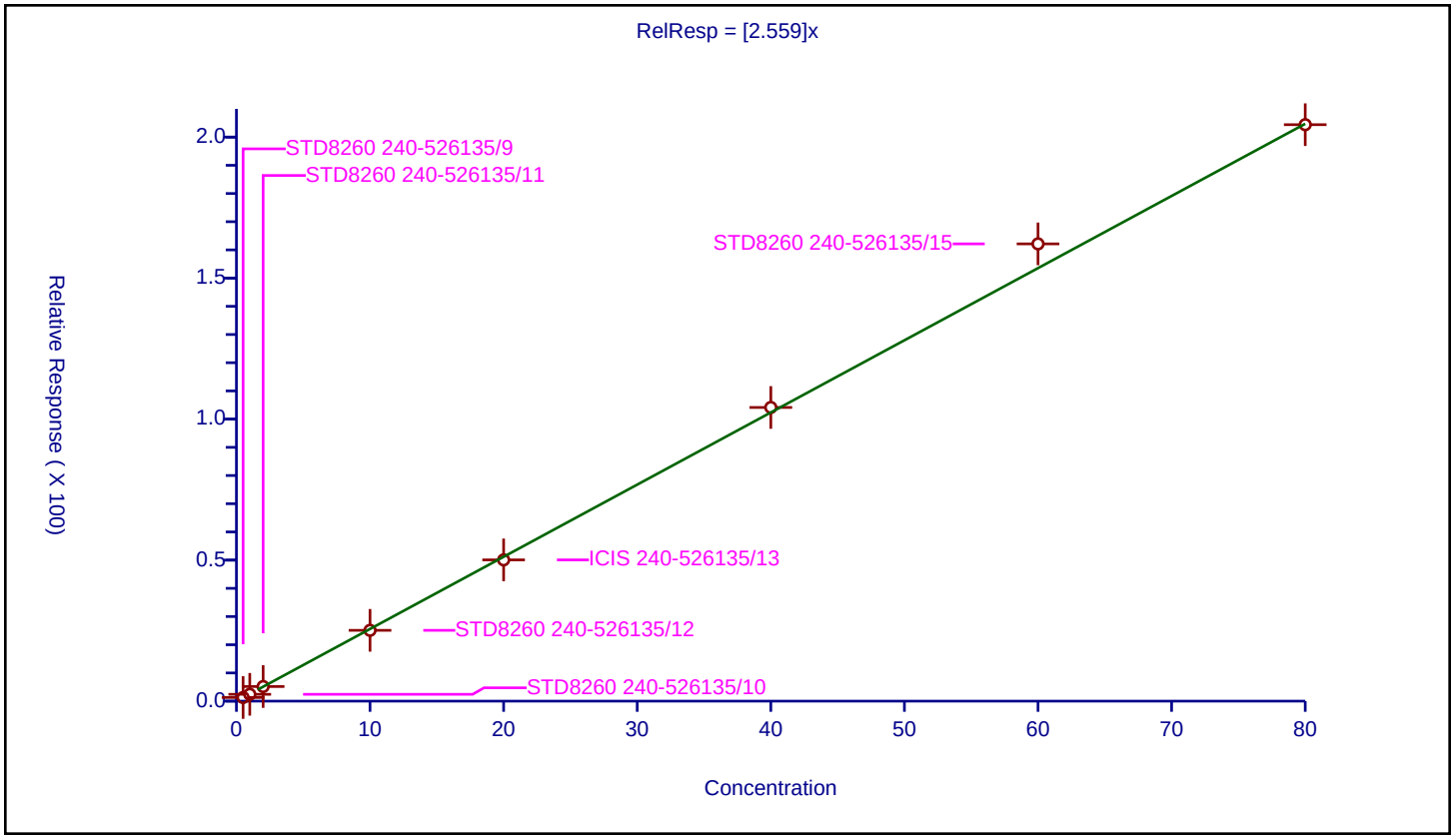
Curve Coefficients

Intercept:	0
Slope:	2.559

Error Coefficients

Standard Error:	1900000
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	STD8260 240-526135/9	0.5	1.293302	20.0	326312.0	2.586604	Y
2	STD8260 240-526135/10	1.0	2.420445	20.0	341400.0	2.420445	Y
3	STD8260 240-526135/11	2.0	5.177914	20.0	327406.0	2.588957	Y
4	STD8260 240-526135/12	10.0	25.105803	20.0	337420.0	2.51058	Y
5	ICIS 240-526135/13	20.0	50.085844	20.0	355877.0	2.504292	Y
6	STD8260 240-526135/14	40.0	104.134759	20.0	349336.0	2.603369	Y
7	STD8260 240-526135/15	60.0	162.14096	20.0	351973.0	2.702349	Y
8	STD8260 240-526135/16	80.0	204.399611	20.0	349590.0	2.554995	Y



Calibration / 4-Chlorotoluene

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

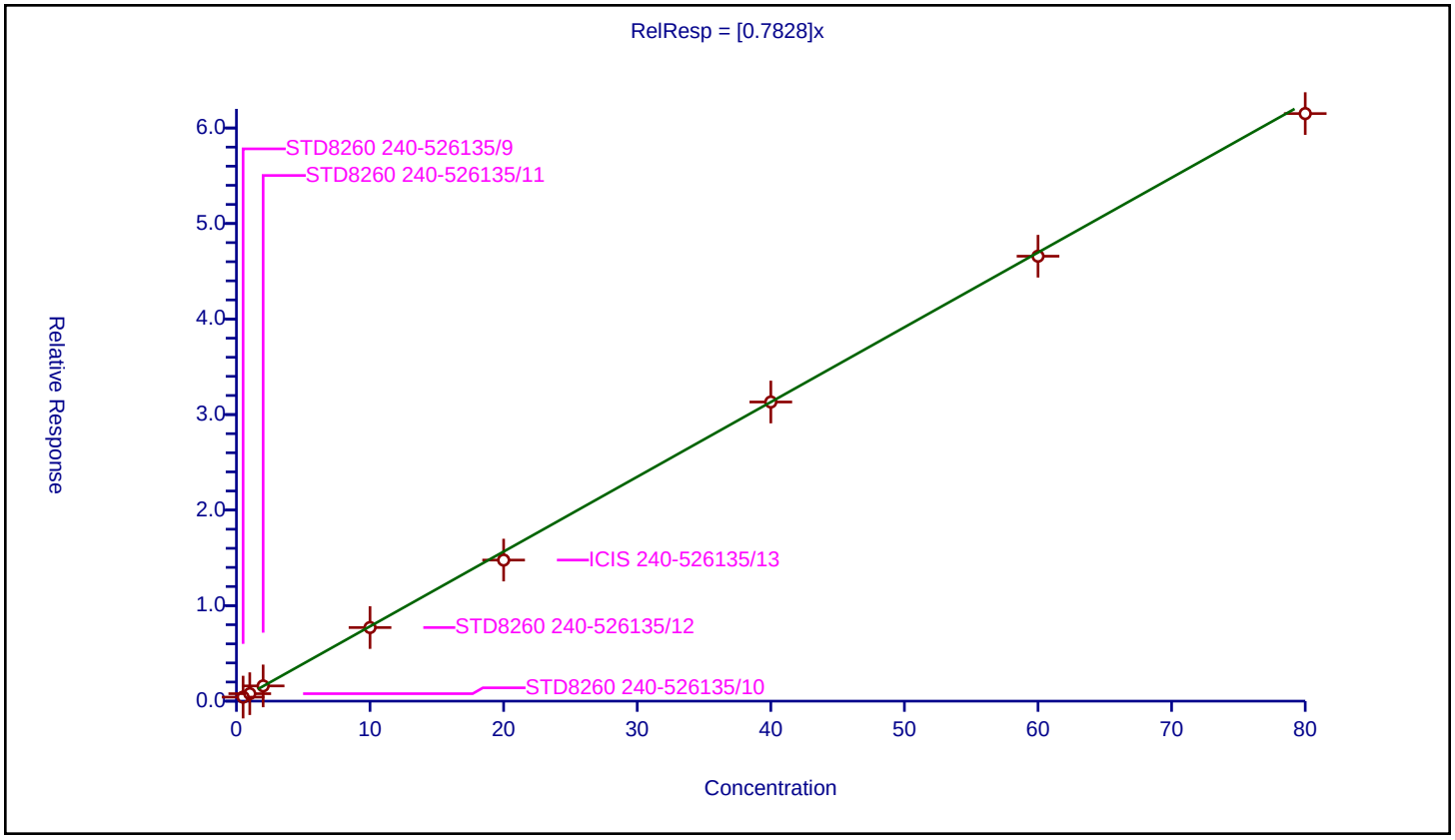
Curve Coefficients

Intercept:	0
Slope:	0.7828

Error Coefficients

Standard Error:	562000
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	STD8260 240-526135/9	0.5	0.423215	20.0	326312.0	0.846429	Y
2	STD8260 240-526135/10	1.0	0.782015	20.0	341400.0	0.782015	Y
3	STD8260 240-526135/11	2.0	1.593557	20.0	327406.0	0.796778	Y
4	STD8260 240-526135/12	10.0	7.705352	20.0	337420.0	0.770535	Y
5	ICIS 240-526135/13	20.0	14.768249	20.0	355877.0	0.738412	Y
6	STD8260 240-526135/14	40.0	31.315066	20.0	349336.0	0.782877	Y
7	STD8260 240-526135/15	60.0	46.57772	20.0	351973.0	0.776295	Y
8	STD8260 240-526135/16	80.0	61.510627	20.0	349590.0	0.768883	Y



Calibration / tert-Butylbenzene

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

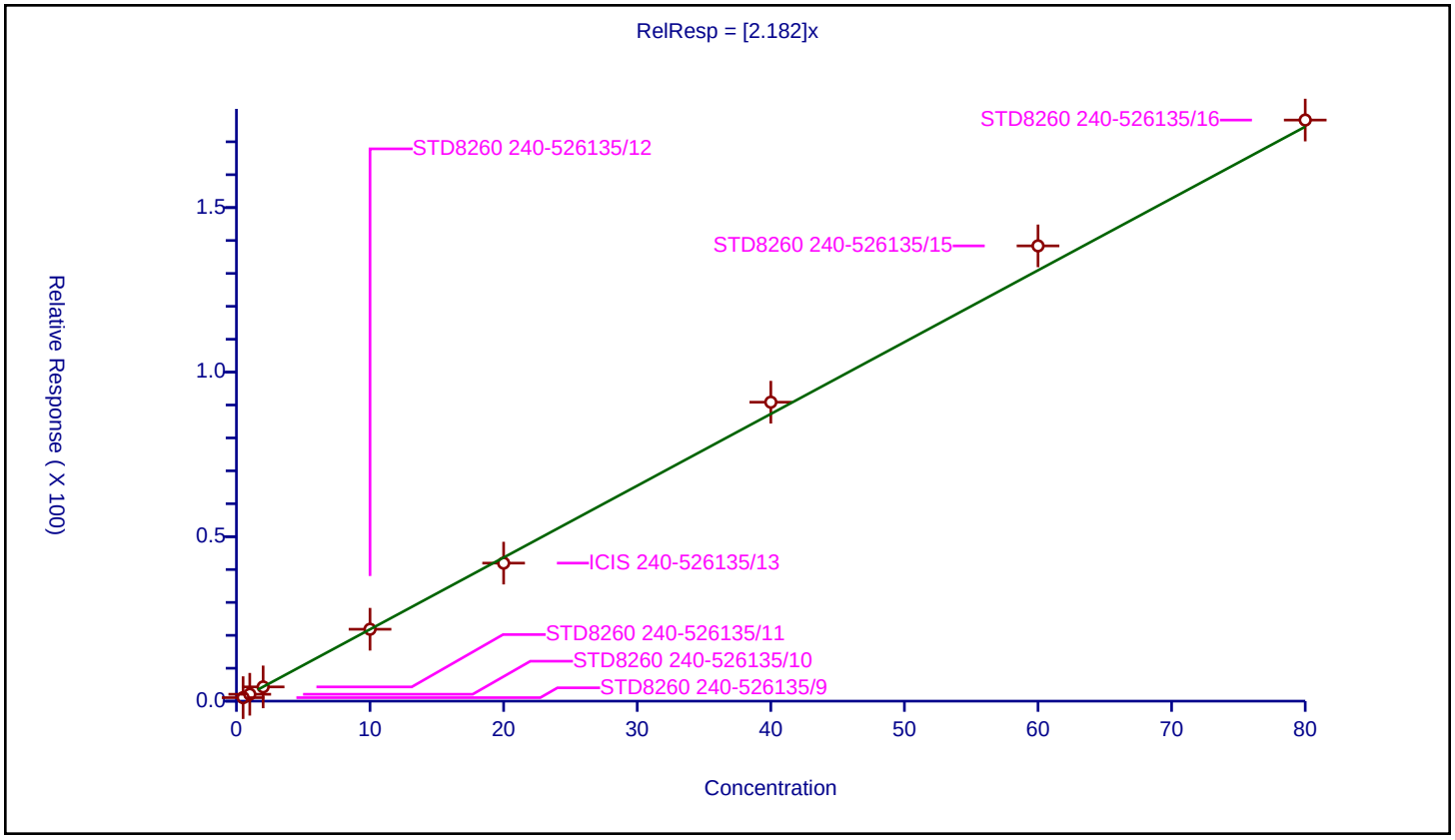
Curve Coefficients

Intercept:	0
Slope:	2.182

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.066954	20.0	326312.0	2.133909	Y
2	STD8260 240-526135/10	1.0	2.09461	20.0	341400.0	2.09461	Y
3	STD8260 240-526135/11	2.0	4.323317	20.0	327406.0	2.161659	Y
4	STD8260 240-526135/12	10.0	21.854306	20.0	337420.0	2.185431	Y
5	ICIS 240-526135/13	20.0	41.953653	20.0	355877.0	2.097683	Y
6	STD8260 240-526135/14	40.0	90.861635	20.0	349336.0	2.271541	Y
7	STD8260 240-526135/15	60.0	138.370159	20.0	351973.0	2.306169	Y
8	STD8260 240-526135/16	80.0	176.610372	20.0	349590.0	2.20763	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

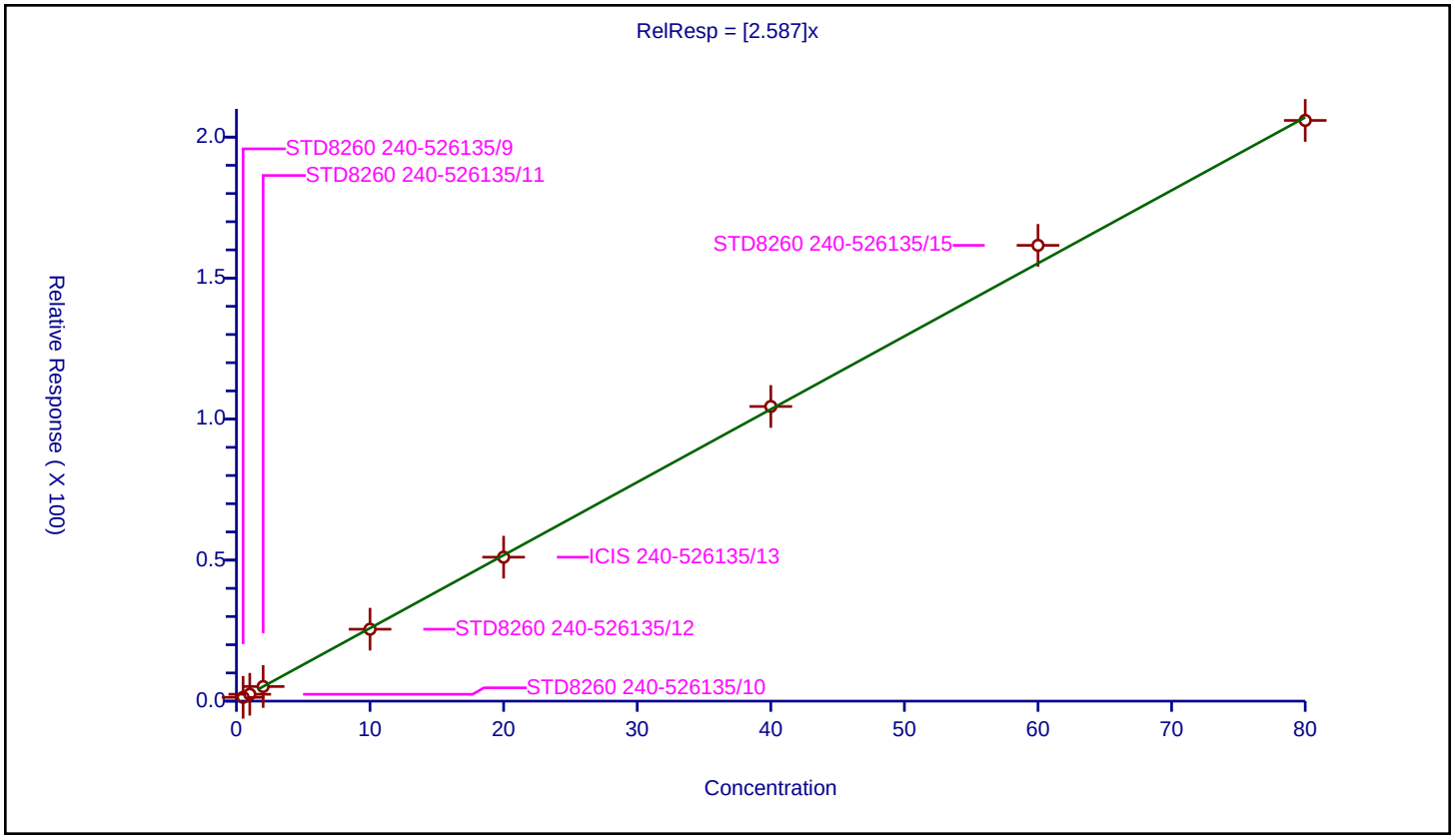
Curve Coefficients

Intercept:	0
Slope:	2.587

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.344112	20.0	326312.0	2.688225	Y
2	STD8260 240-526135/10	1.0	2.43679	20.0	341400.0	2.43679	Y
3	STD8260 240-526135/11	2.0	5.183411	20.0	327406.0	2.591706	Y
4	STD8260 240-526135/12	10.0	25.507142	20.0	337420.0	2.550714	Y
5	ICIS 240-526135/13	20.0	51.04775	20.0	355877.0	2.552387	Y
6	STD8260 240-526135/14	40.0	104.47947	20.0	349336.0	2.611987	Y
7	STD8260 240-526135/15	60.0	161.615124	20.0	351973.0	2.693585	Y
8	STD8260 240-526135/16	80.0	205.912183	20.0	349590.0	2.573902	Y



Calibration / sec-Butylbenzene

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

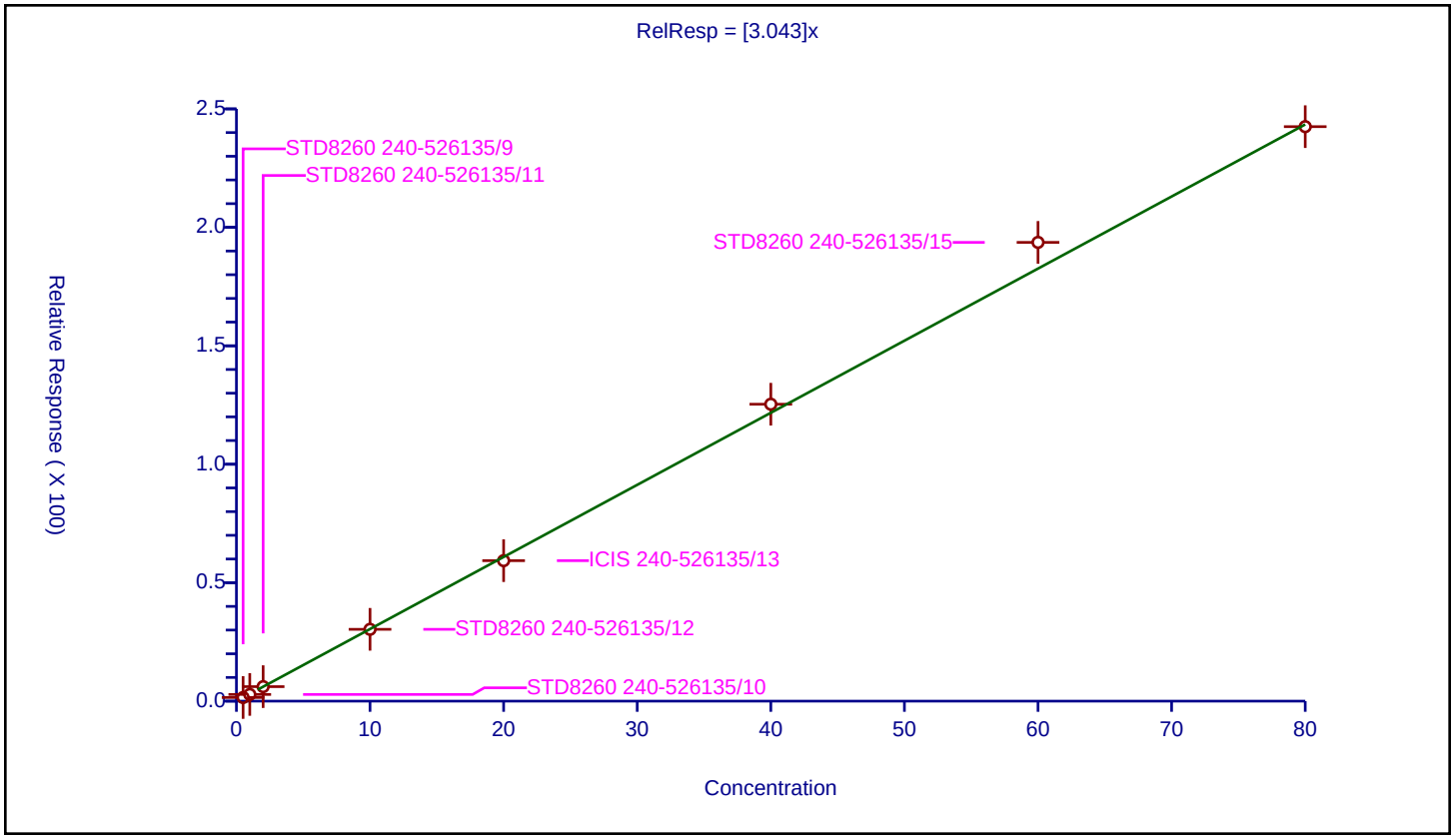
Curve Coefficients

Intercept:	0
Slope:	3.043

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	3.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.53534	20.0	326312.0	3.070681	Y
2	STD8260 240-526135/10	1.0	2.824136	20.0	341400.0	2.824136	Y
3	STD8260 240-526135/11	2.0	6.12078	20.0	327406.0	3.06039	Y
4	STD8260 240-526135/12	10.0	30.315097	20.0	337420.0	3.03151	Y
5	ICIS 240-526135/13	20.0	59.29588	20.0	355877.0	2.964794	Y
6	STD8260 240-526135/14	40.0	125.343337	20.0	349336.0	3.133583	Y
7	STD8260 240-526135/15	60.0	193.656559	20.0	351973.0	3.227609	Y
8	STD8260 240-526135/16	80.0	242.500815	20.0	349590.0	3.03126	Y



Calibration / 4-Isopropyltoluene

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

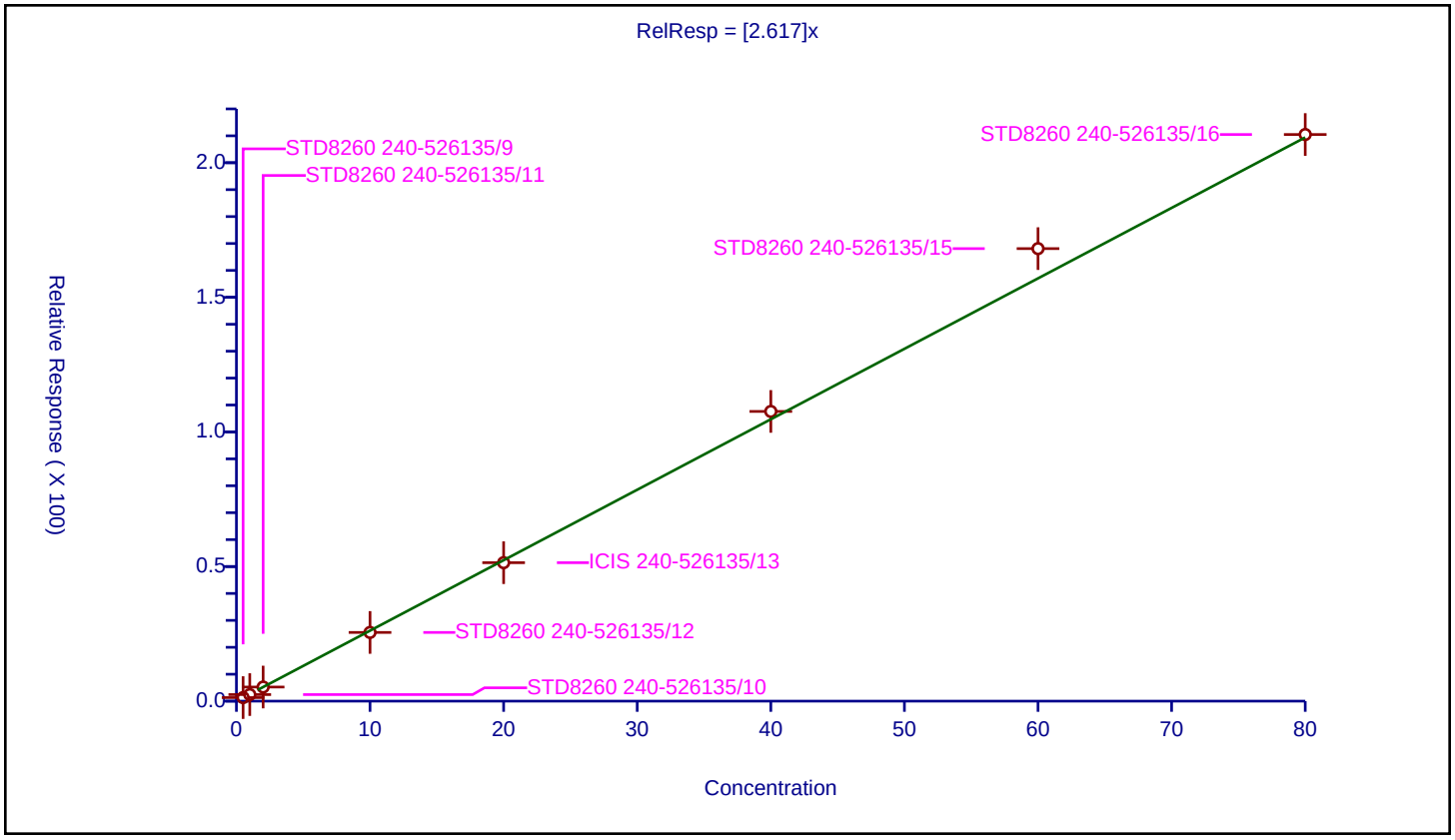
Curve Coefficients

Intercept:	0
Slope:	2.617

Error Coefficients

Standard Error:	1960000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.318493	20.0	326312.0	2.636985	Y
2	STD8260 240-526135/10	1.0	2.436848	20.0	341400.0	2.436848	Y
3	STD8260 240-526135/11	2.0	5.237351	20.0	327406.0	2.618675	Y
4	STD8260 240-526135/12	10.0	25.520953	20.0	337420.0	2.552095	Y
5	ICIS 240-526135/13	20.0	51.432377	20.0	355877.0	2.571619	Y
6	STD8260 240-526135/14	40.0	107.613301	20.0	349336.0	2.690333	Y
7	STD8260 240-526135/15	60.0	168.096814	20.0	351973.0	2.801614	Y
8	STD8260 240-526135/16	80.0	210.483137	20.0	349590.0	2.631039	Y



Calibration / 1,3-Dichlorobenzene

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

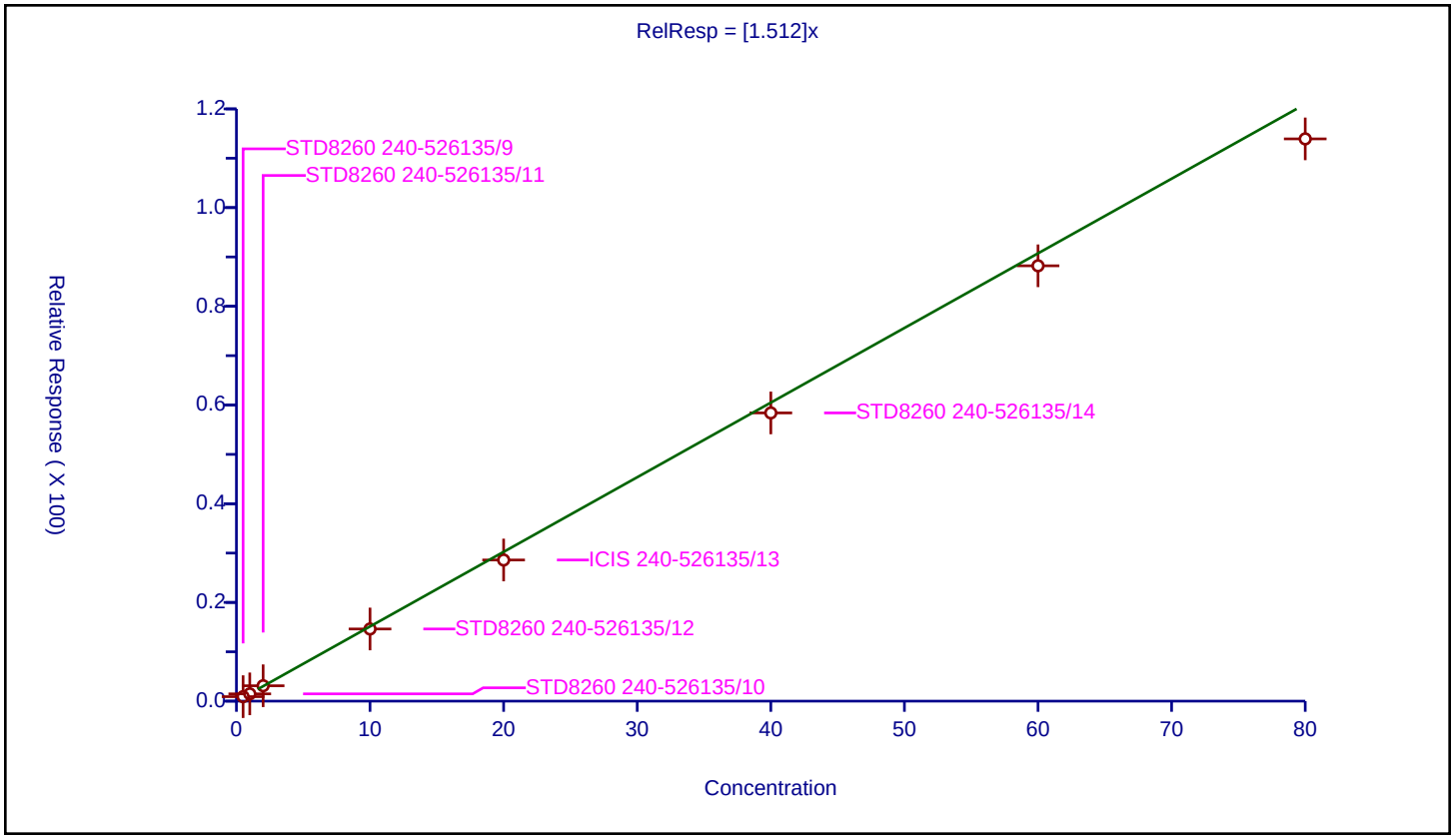
Curve Coefficients

Intercept:	0
Slope:	1.512

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.907046	20.0	326312.0	1.814092	Y
2	STD8260 240-526135/10	1.0	1.477329	20.0	341400.0	1.477329	Y
3	STD8260 240-526135/11	2.0	3.119002	20.0	327406.0	1.559501	Y
4	STD8260 240-526135/12	10.0	14.623555	20.0	337420.0	1.462356	Y
5	ICIS 240-526135/13	20.0	28.596734	20.0	355877.0	1.429837	Y
6	STD8260 240-526135/14	40.0	58.400108	20.0	349336.0	1.460003	Y
7	STD8260 240-526135/15	60.0	88.210971	20.0	351973.0	1.470183	Y
8	STD8260 240-526135/16	80.0	113.922252	20.0	349590.0	1.424028	Y



Calibration / 1,4-Dichlorobenzene

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

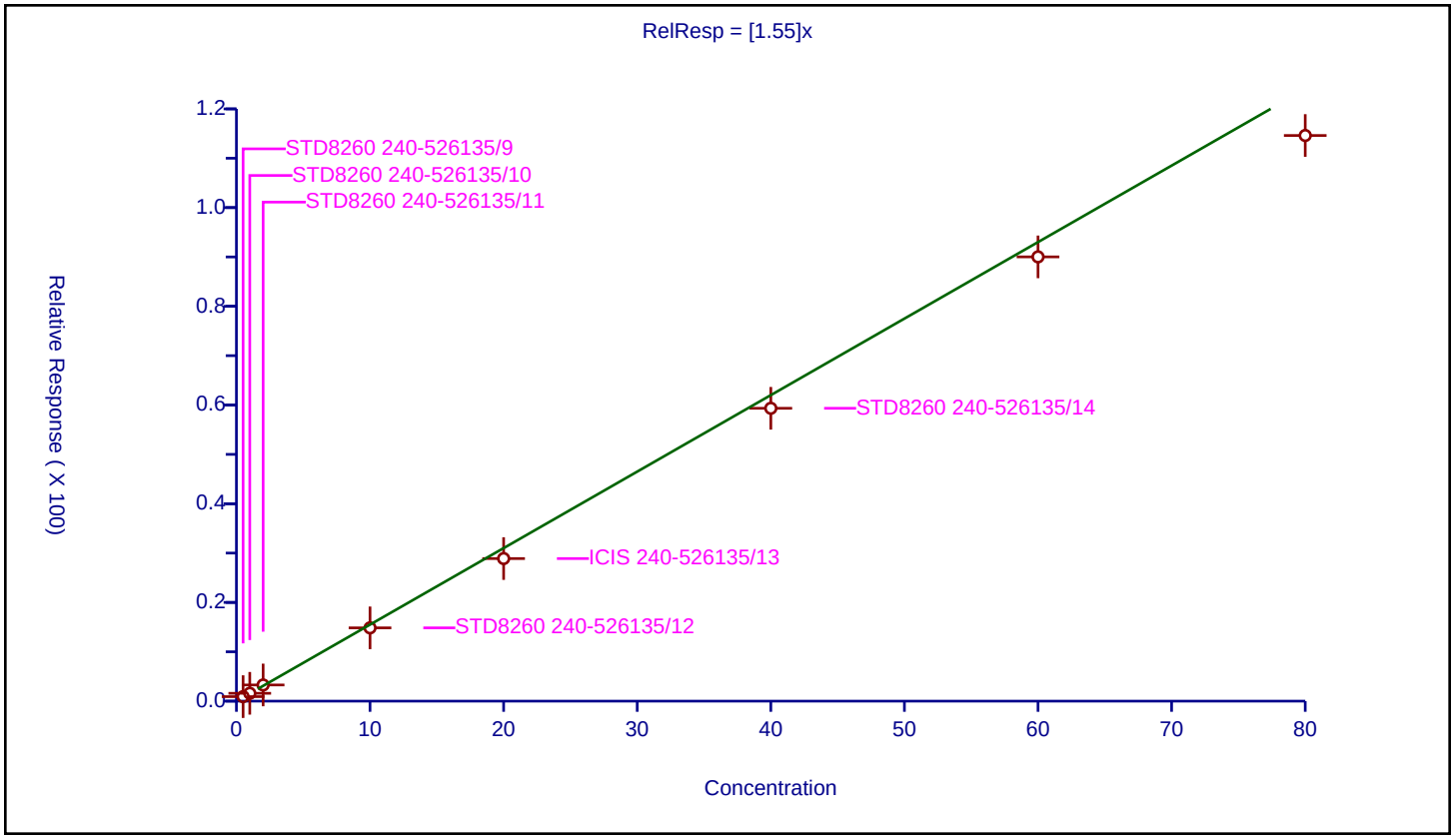
Curve Coefficients

Intercept:	0
Slope:	1.55

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.912746	20.0	326312.0	1.825492	Y
2	STD8260 240-526135/10	1.0	1.591388	20.0	341400.0	1.591388	Y
3	STD8260 240-526135/11	2.0	3.276971	20.0	327406.0	1.638486	Y
4	STD8260 240-526135/12	10.0	14.846186	20.0	337420.0	1.484619	Y
5	ICIS 240-526135/13	20.0	28.890881	20.0	355877.0	1.444544	Y
6	STD8260 240-526135/14	40.0	59.338345	20.0	349336.0	1.483459	Y
7	STD8260 240-526135/15	60.0	90.019121	20.0	351973.0	1.500319	Y
8	STD8260 240-526135/16	80.0	114.60734	20.0	349590.0	1.432592	Y



Calibration / n-Butylbenzene

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

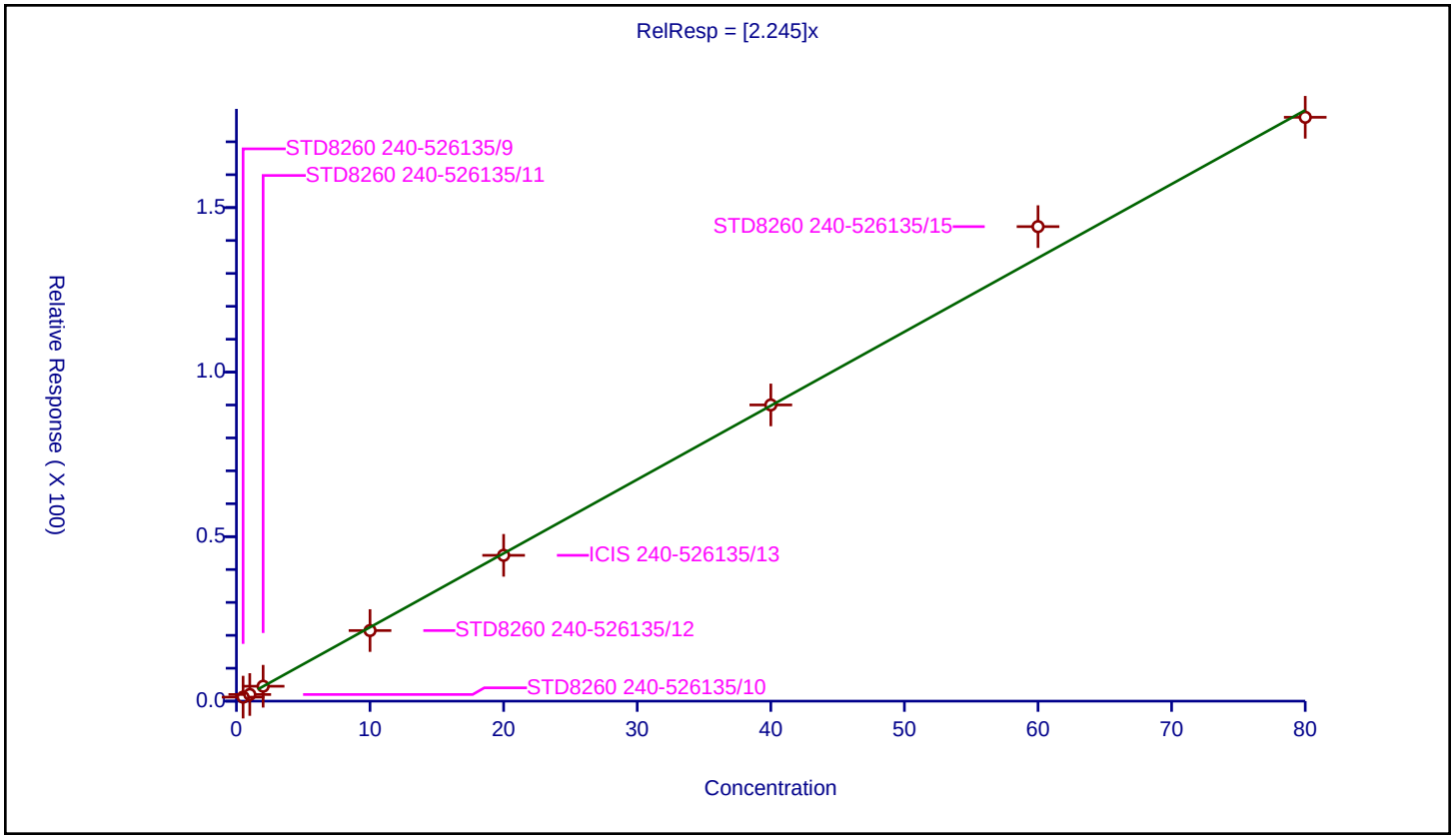
Curve Coefficients

Intercept:	0
Slope:	2.245

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	6.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.219875	20.0	326312.0	2.439751	Y
2	STD8260 240-526135/10	1.0	2.021793	20.0	341400.0	2.021793	Y
3	STD8260 240-526135/11	2.0	4.529911	20.0	327406.0	2.264955	Y
4	STD8260 240-526135/12	10.0	21.451248	20.0	337420.0	2.145125	Y
5	ICIS 240-526135/13	20.0	44.316042	20.0	355877.0	2.215802	Y
6	STD8260 240-526135/14	40.0	90.026107	20.0	349336.0	2.250653	Y
7	STD8260 240-526135/15	60.0	144.224188	20.0	351973.0	2.403736	Y
8	STD8260 240-526135/16	80.0	177.452959	20.0	349590.0	2.218162	Y



Calibration / 1,2-Dichlorobenzene

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

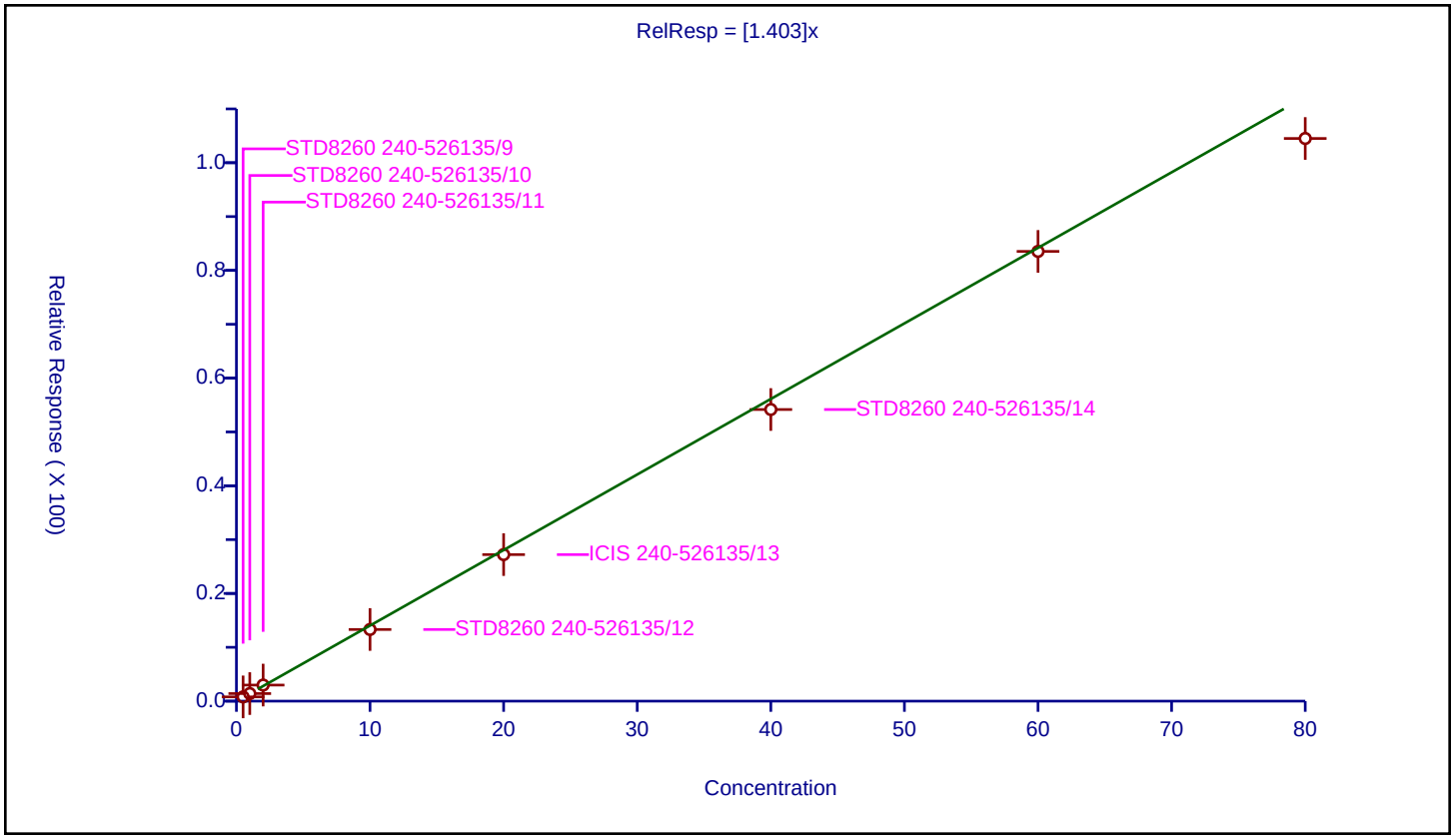
Curve Coefficients

Intercept:	0
Slope:	1.403

Error Coefficients

Standard Error:	977000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.789735	20.0	326312.0	1.57947	Y
2	STD8260 240-526135/10	1.0	1.408202	20.0	341400.0	1.408202	Y
3	STD8260 240-526135/11	2.0	2.985834	20.0	327406.0	1.492917	Y
4	STD8260 240-526135/12	10.0	13.311481	20.0	337420.0	1.331148	Y
5	ICIS 240-526135/13	20.0	27.218337	20.0	355877.0	1.360917	Y
6	STD8260 240-526135/14	40.0	54.16493	20.0	349336.0	1.354123	Y
7	STD8260 240-526135/15	60.0	83.531691	20.0	351973.0	1.392195	Y
8	STD8260 240-526135/16	80.0	104.506079	20.0	349590.0	1.306326	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

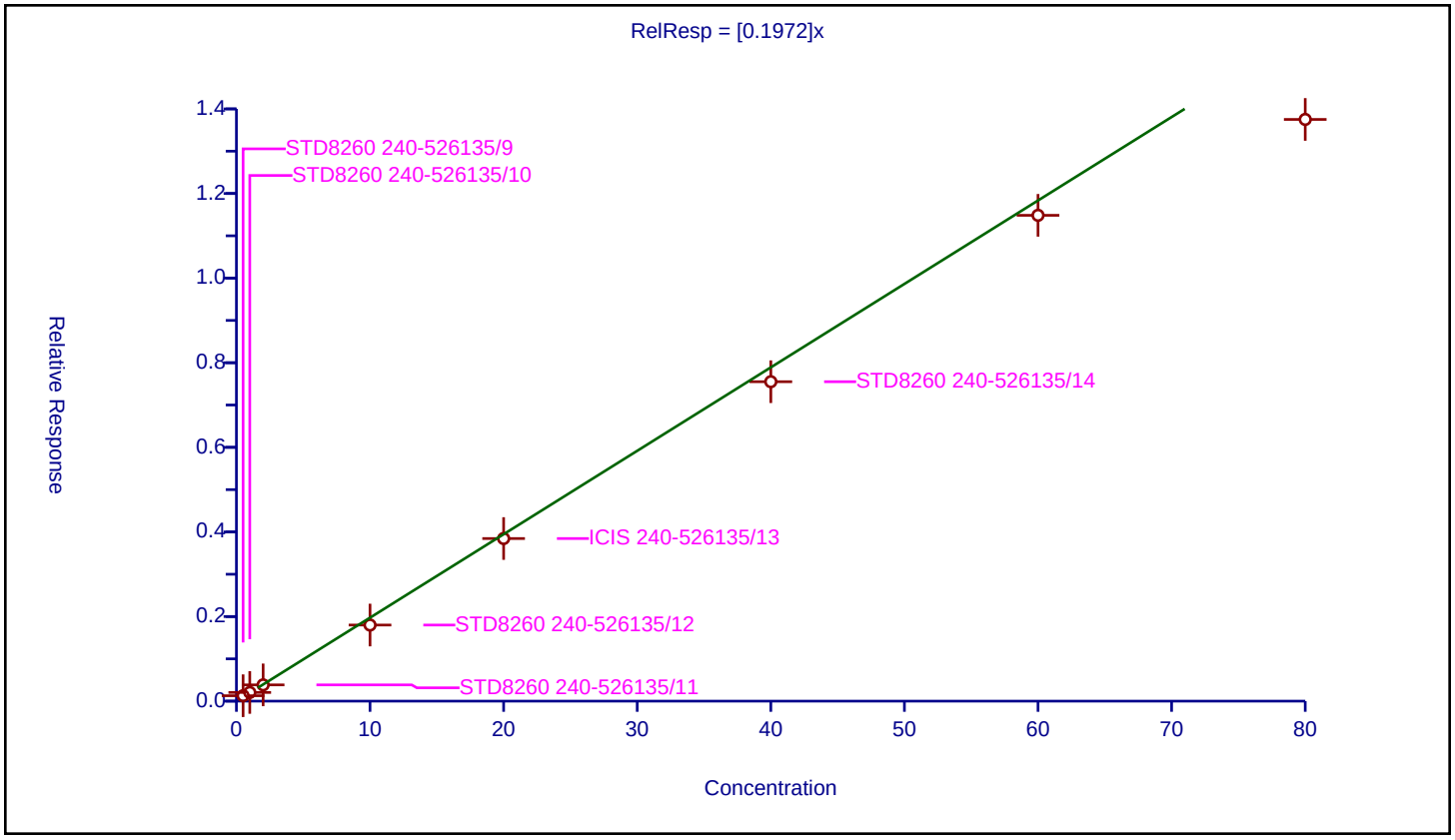
Curve Coefficients

Intercept:	0
Slope:	0.1972

Error Coefficients

Standard Error:	132000
Relative Standard Error:	13.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.128221	20.0	326312.0	0.256442	Y
2	STD8260 240-526135/10	1.0	0.205272	20.0	341400.0	0.205272	Y
3	STD8260 240-526135/11	2.0	0.38411	20.0	327406.0	0.192055	Y
4	STD8260 240-526135/12	10.0	1.799004	20.0	337420.0	0.1799	Y
5	ICIS 240-526135/13	20.0	3.844137	20.0	355877.0	0.192207	Y
6	STD8260 240-526135/14	40.0	7.551297	20.0	349336.0	0.188782	Y
7	STD8260 240-526135/15	60.0	11.48412	20.0	351973.0	0.191402	Y
8	STD8260 240-526135/16	80.0	13.750622	20.0	349590.0	0.171883	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

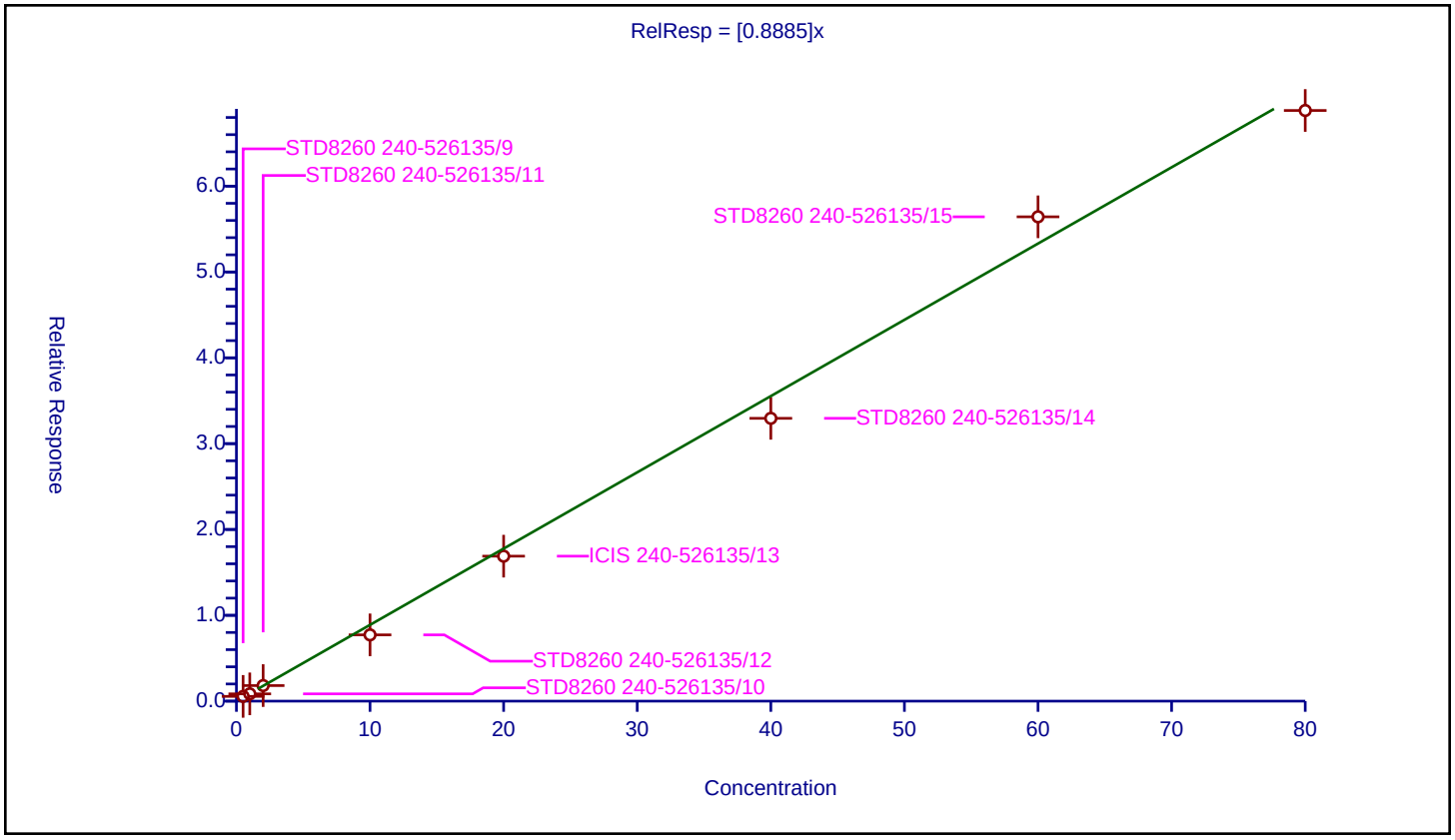
Curve Coefficients

Intercept:	0
Slope:	0.8885

Error Coefficients

Standard Error:	641000
Relative Standard Error:	11.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.554684	20.0	326312.0	1.109368	Y
2	STD8260 240-526135/10	1.0	0.850088	20.0	341400.0	0.850088	Y
3	STD8260 240-526135/11	2.0	1.814383	20.0	327406.0	0.907192	Y
4	STD8260 240-526135/12	10.0	7.720882	20.0	337420.0	0.772088	Y
5	ICIS 240-526135/13	20.0	16.89269	20.0	355877.0	0.844635	Y
6	STD8260 240-526135/14	40.0	32.949939	20.0	349336.0	0.823748	Y
7	STD8260 240-526135/15	60.0	56.425976	20.0	351973.0	0.940433	Y
8	STD8260 240-526135/16	80.0	68.814726	20.0	349590.0	0.860184	Y



Calibration / Hexachlorobutadiene

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

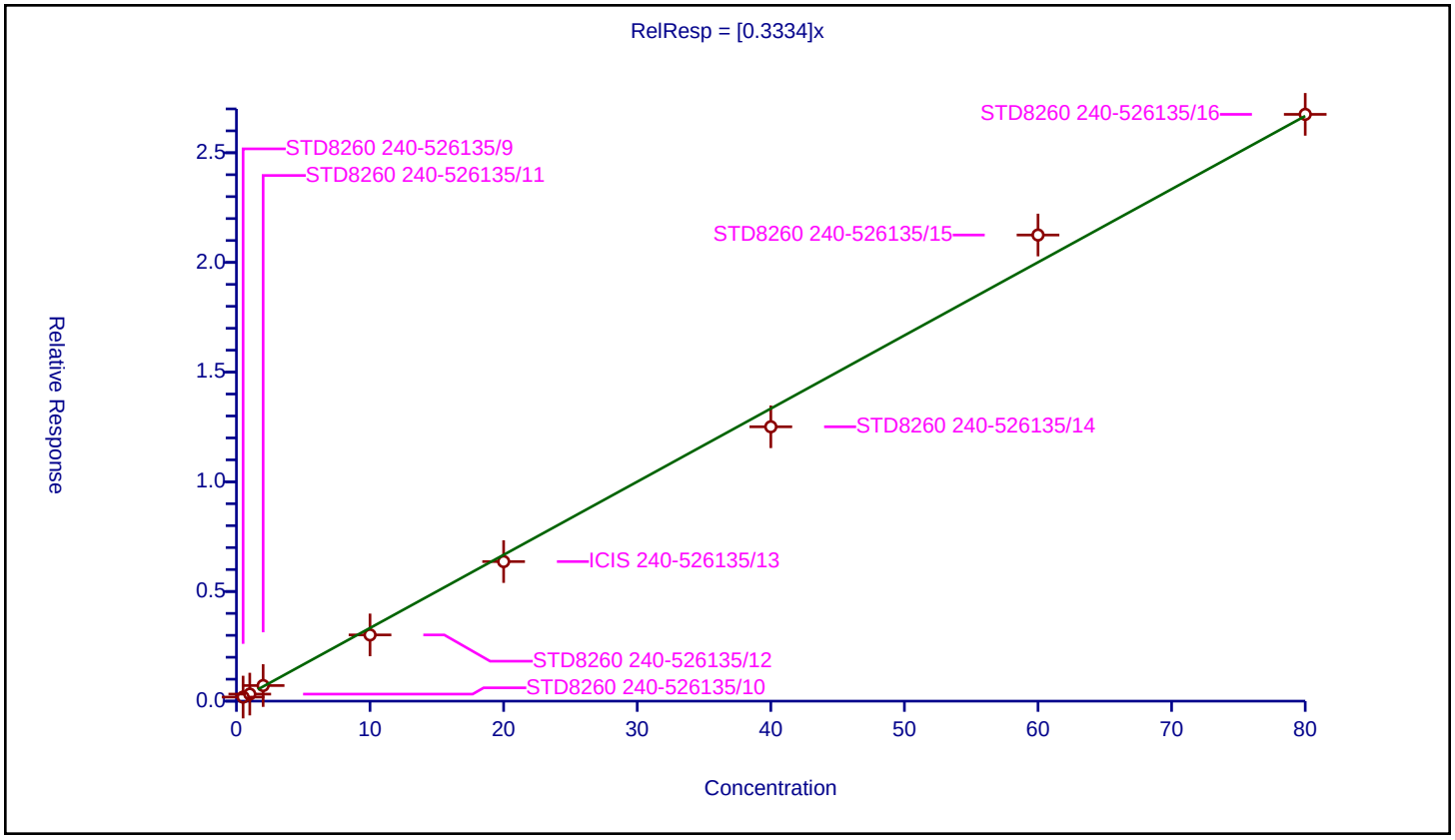
Curve Coefficients

Intercept:	0
Slope:	0.3334

Error Coefficients

Standard Error:	245000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.18516	20.0	326312.0	0.37032	Y
2	STD8260 240-526135/10	1.0	0.320562	20.0	341400.0	0.320562	Y
3	STD8260 240-526135/11	2.0	0.710616	20.0	327406.0	0.355308	Y
4	STD8260 240-526135/12	10.0	3.019679	20.0	337420.0	0.301968	Y
5	ICIS 240-526135/13	20.0	6.363322	20.0	355877.0	0.318166	Y
6	STD8260 240-526135/14	40.0	12.507901	20.0	349336.0	0.312698	Y
7	STD8260 240-526135/15	60.0	21.250494	20.0	351973.0	0.354175	Y
8	STD8260 240-526135/16	80.0	26.750765	20.0	349590.0	0.334385	Y



Calibration / Naphthalene

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

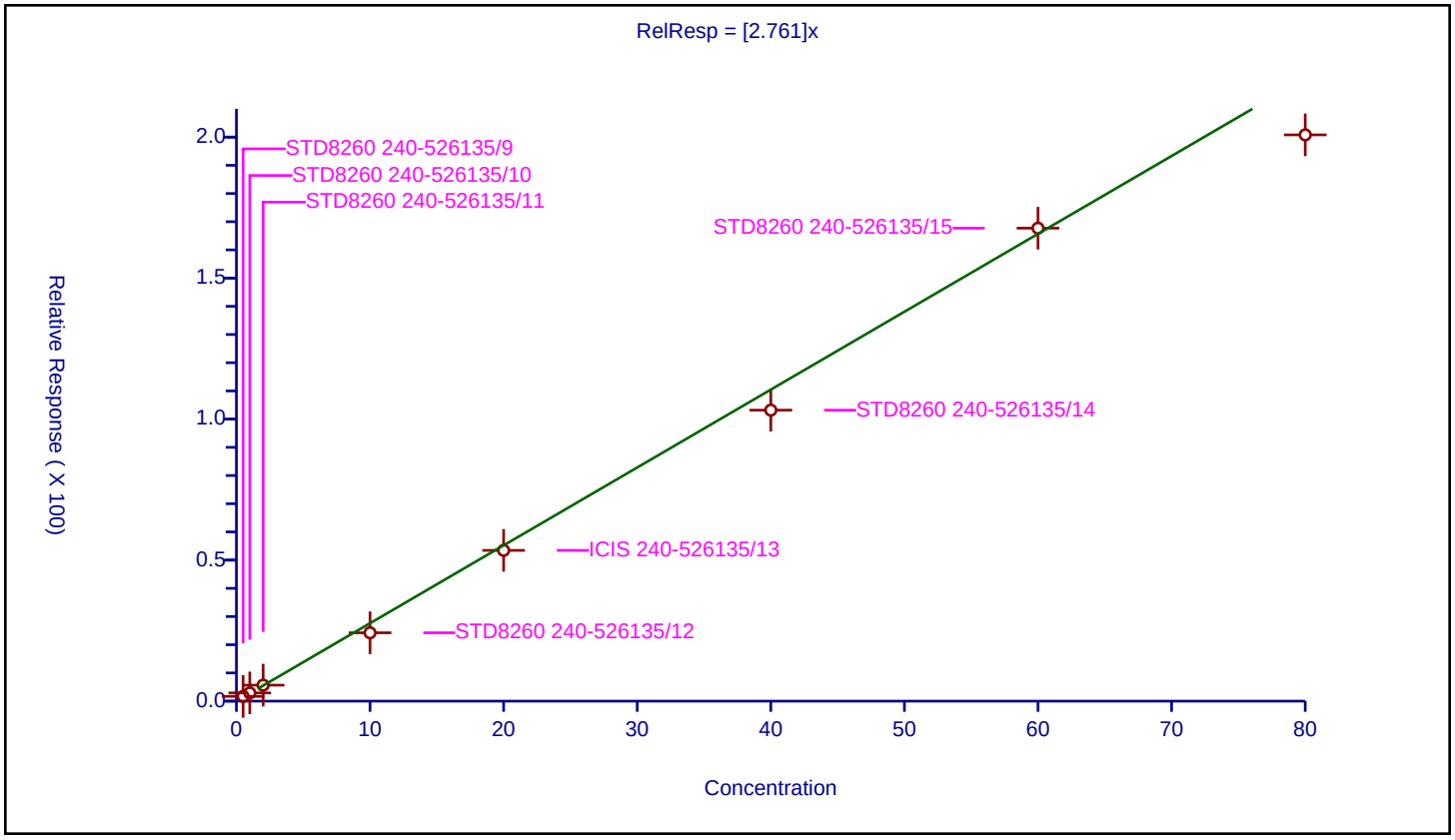
Curve Coefficients

Intercept:	0
Slope:	2.761

Error Coefficients

Standard Error:	1900000
Relative Standard Error:	10.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	1.682623	20.0	326312.0	3.365246	Y
2	STD8260 240-526135/10	1.0	2.911716	20.0	341400.0	2.911716	Y
3	STD8260 240-526135/11	2.0	5.667703	20.0	327406.0	2.833852	Y
4	STD8260 240-526135/12	10.0	24.234722	20.0	337420.0	2.423472	Y
5	ICIS 240-526135/13	20.0	53.456054	20.0	355877.0	2.672803	Y
6	STD8260 240-526135/14	40.0	103.180319	20.0	349336.0	2.579508	Y
7	STD8260 240-526135/15	60.0	167.708148	20.0	351973.0	2.795136	Y
8	STD8260 240-526135/16	80.0	200.79619	20.0	349590.0	2.509952	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

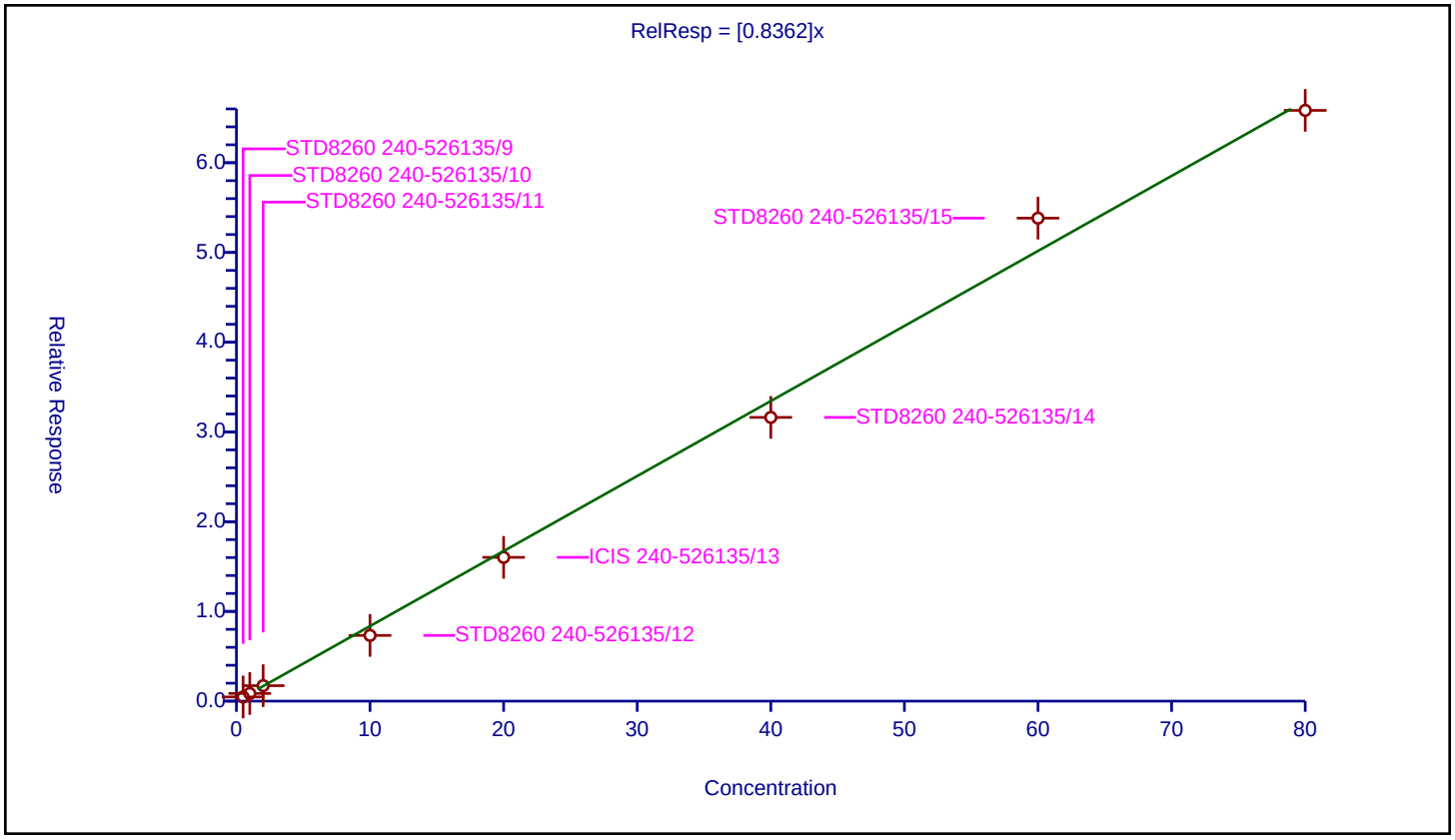
Curve Coefficients

Intercept:	0
Slope:	0.8362

Error Coefficients

Standard Error:	612000
Relative Standard Error:	7.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-526135/9	0.5	0.465934	20.0	326312.0	0.931869	Y
2	STD8260 240-526135/10	1.0	0.852138	20.0	341400.0	0.852138	Y
3	STD8260 240-526135/11	2.0	1.722815	20.0	327406.0	0.861408	Y
4	STD8260 240-526135/12	10.0	7.323514	20.0	337420.0	0.732351	Y
5	ICIS 240-526135/13	20.0	16.022053	20.0	355877.0	0.801103	Y
6	STD8260 240-526135/14	40.0	31.620274	20.0	349336.0	0.790507	Y
7	STD8260 240-526135/15	60.0	53.824072	20.0	351973.0	0.897068	Y
8	STD8260 240-526135/16	80.0	65.834606	20.0	349590.0	0.822933	Y



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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3160 0.3446	0.2998 0.3520	0.3326 0.3450	0.3432	0.3602	Ave		0.3367			0.1000	5.9		20.0			
Chloromethane	0.3669 0.3089	0.3246 0.3159	0.3518 0.2972	0.3441	0.3303	Ave		0.3300			0.1000	7.0		20.0			
Vinyl chloride	0.3375 0.3494	0.3403 0.3528	0.3772 0.3365	0.3611	0.3688	Ave		0.3530			0.1000	4.3		20.0			
Butadiene	0.3295 0.3261	0.3338 0.3295	0.3481 0.3079	0.3410	0.3448	Ave		0.3326				3.8		20.0			
Bromomethane	0.3507 0.3329	0.3274 0.3596	0.3381 0.3560	0.3285	0.3259	Ave		0.3399			0.0500	4.0		20.0			
Chloroethane	0.2674 0.2631	0.2708 0.2783	0.2704 0.2787	0.2615	0.2633	Ave		0.2692			0.0500	2.5		20.0			
Dichlorofluoromethane	0.6503 0.6519	0.6424 0.6775	0.6794 0.6605	0.6672	0.6578	Ave		0.6609				2.0		20.0			
Trichlorofluoromethane	0.5275 0.6184	0.5391 0.6355	0.5750 0.6249	0.5926	0.6197	Ave		0.5916			0.1000	6.9		20.0			
Ethyl ether	0.2189 0.1992	0.1914 0.2033	0.2070 0.2017	0.1973	0.1947	Ave		0.2017				4.2		20.0			
Acrolein	0.0440 0.0385	0.0401 0.0392	0.0344 0.0415	0.0349	0.0374	Ave		0.0388				8.4		20.0			
1,1-Dichloroethene	0.3683 0.3802	0.3256 0.3903	0.3770 0.3845	0.3720	0.3730	Ave		0.3714			0.1000	5.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2870 0.3040	0.2618 0.3176	0.3145 0.3012	0.3113	0.3078	Ave		0.3007			0.0500	6.1		20.0			
Acetone	+++++ 0.1029	0.2587 0.1002	0.1410 0.1000	0.1140	0.1076	Lin1	0.2752	0.0986			0.0100	15.8			0.9990		0.9900

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.4614 0.4432	0.4303 0.4616	0.4515 0.4538	0.4546	0.4431	Ave		0.4499				2.4		20.0			
Carbon disulfide	0.6767 0.6780	0.5573 0.7207	0.6346 0.7114	0.6489	0.6481	Ave		0.6595			0.1000	7.8		20.0			
Methyl acetate	0.2627 0.2338	0.2370 0.2395	0.2515 0.2376	0.2331	0.2286	Ave		0.2405			0.1000	4.7		20.0			
3-Chloro-1-propene	0.3550 0.2970	0.2787 0.3007	0.2881 0.3017	0.2847	0.2853	Ave		0.2989				8.1		20.0			
Methylene Chloride	+++++ 0.3072	0.5505 0.3141	0.3846 0.3122	0.3303	0.3150	Lin1	0.2109	0.3078			0.1000	6.3			1.0000		0.9900
2-Methyl-2-propanol	0.0508 0.0354	0.0373 0.0357	0.0372 0.0334	0.0375	0.0354	Ave		0.0378				14.3		20.0			
Acrylonitrile	0.1422 0.1238	0.1251 0.1240	0.1187 0.1230	0.1272	0.1198	Ave		0.1255				5.8		20.0			
Methyl tert-butyl ether	0.7259 0.7580	0.6906 0.7906	0.6918 0.7716	0.7225	0.7132	Ave		0.7330			0.1000	5.0		20.0			
trans-1,2-Dichloroethene	0.3692 0.3606	0.3480 0.3675	0.3544 0.3626	0.3624	0.3558	Ave		0.3601			0.1000	2.0		20.0			
Hexane	0.3186 0.3566	0.2684 0.3628	0.3380 0.3581	0.3393	0.3459	Ave		0.3360				9.2		20.0			
Vinyl acetate	0.3725 0.4239	0.3723 0.4502	0.3741 0.4436	0.3896	0.4148	Ave		0.4051				8.0		20.0			
1,1-Dichloroethane	0.4417 0.4486	0.4095 0.4579	0.4517 0.4556	0.4404	0.4367	Ave		0.4427			0.2000	3.5		20.0			
2-Butanone (MEK)	0.0611 0.0498	0.0454 0.0516	0.0476 0.0507	0.0465	0.0479	Ave		0.0501			0.0100	9.8		20.0			
cis-1,2-Dichloroethene	0.3365 0.3053	0.2651 0.3103	0.3169 0.3108	0.3042	0.3013	Ave		0.3063			0.1000	6.5		20.0			
2,2-Dichloropropane	0.3070 0.3133	0.2394 0.3088	0.3083 0.2957	0.2899	0.2998	Ave		0.2953				8.1		20.0			
Chlorobromomethane	0.2110 0.2130	0.2001 0.2132	0.2067 0.2081	0.2135	0.2063	Ave		0.2090				2.2		20.0			
Tetrahydrofuran	0.0819 0.1019	0.0941 0.1048	0.0965 0.1040	0.0989	0.0977	Ave		0.0975				7.5		20.0			
Chloroform	0.5568 0.4911	0.4395 0.4981	0.5149 0.4900	0.4936	0.4891	Ave		0.4966			0.2000	6.5		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.3796 0.4609	0.3580 0.4707	0.4086 0.4641	0.4208	0.4398	Ave		0.4253			0.1000	9.7		20.0			
Cyclohexane	0.3994 0.4403	0.3779 0.4433	0.4260 0.4367	0.4157	0.4270	Ave		0.4208			0.1000	5.3		20.0			
1,1-Dichloropropene	0.3302 0.3825	0.3040 0.3869	0.3692 0.3828	0.3717	0.3753	Ave		0.3628				8.2		20.0			
Isobutyl alcohol	0.0161 0.0134	0.0121 0.0148	0.0130 0.0132	0.0127	0.0135	Ave		0.0136				9.4		20.0			
Carbon tetrachloride	0.3080 0.3961	0.3116 0.4154	0.3643 0.4096	0.3891	0.3758	Ave		0.3712			0.1000	11.1		20.0			
Benzene	1.0807 1.0301	0.9606 1.0408	1.0837 1.0210	1.0398	1.0148	Ave		1.0340			0.5000	3.8		20.0			
1,2-Dichloroethane	0.4293 0.3613	0.3678 0.3698	0.3835 0.3687	0.3633	0.3521	Ave		0.3745			0.1000	6.4		20.0			
n-Heptane	+++++ 0.1761	0.7630 0.1749	0.4757 0.1693	0.2162	0.1885	Lin1	0.6043	0.1620				4.0			1.0000		0.9900
Trichloroethene	0.3026 0.3041	0.2828 0.3080	0.2984 0.3077	0.2945	0.2971	Ave		0.2994			0.1500	2.8		20.0			
1,2-Dichloropropane	0.2498 0.2391	0.2124 0.2428	0.2363 0.2440	0.2347	0.2302	Ave		0.2362			0.1000	4.8		20.0			
Methylcyclohexane	0.4000 0.4781	0.3433 0.4925	0.4382 0.4755	0.4460	0.4646	Ave		0.4422			0.1000	11.2		20.0			
1,4-Dioxane	0.0036 0.0043	0.0032 0.0044	0.0038 0.0042	0.0045	0.0045	Ave		0.0041				11.9		20.0			
Dibromomethane	0.2219 0.1959	0.1787 0.1974	0.1863 0.1971	0.1873	0.1865	Ave		0.1939				6.7		20.0			
Dichlorobromomethane	0.3172 0.3265	0.2777 0.3400	0.2868 0.3425	0.3005	0.3110	Ave		0.3128			0.1500	7.5		20.0			
2-Chloroethyl vinyl ether	0.1425 0.1769	0.1287 0.1813	0.1461 0.1832	0.1605	0.1646	Ave		0.1605				12.4		20.0			
cis-1,3-Dichloropropene	0.3092 0.3660	0.2470 0.3821	0.2951 0.3888	0.3184	0.3384	Ave		0.3306			0.1500	14.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.2692 0.3235	0.2347 0.3295	0.2776 0.3261	0.3045	0.3080	Ave		0.2967			0.0500	11.3		20.0			
Toluene	1.4123 1.4006	1.2691 1.4269	1.4403 1.4028	1.4000	1.3824	Ave		1.3918			0.4000	3.8		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.3570 0.4258	0.3173 0.4516	0.3469 0.4584	0.3607	0.3930	Ave		0.3888			0.1000	13.3		20.0			
Ethyl methacrylate	0.3006 0.4405	0.2965 0.4609	0.3279 0.4594	0.3797	0.3986	Ave		0.3830				17.9		20.0			
1,1,2-Trichloroethane	0.2971 0.2966	0.2875 0.3057	0.3014 0.2988	0.2933	0.2893	Ave		0.2962			0.1000	2.0		20.0			
Tetrachloroethene	0.3534 0.3772	0.3359 0.3921	0.3964 0.3821	0.3717	0.3836	Ave		0.3741			0.1500	5.4		20.0			
1,3-Dichloropropane	0.5088 0.4967	0.4461 0.5101	0.4929 0.4989	0.4844	0.4901	Ave		0.4910				4.1		20.0			
2-Hexanone	0.2202 0.2973	0.2225 0.3041	0.2610 0.2992	0.2614	0.2802	Ave		0.2683			0.0500	12.4		20.0			
Chlorodibromomethane	0.2728 0.3053	0.2473 0.3261	0.2606 0.3256	0.2663	0.2847	Ave		0.2861				10.5		20.0			
Ethylene Dibromide	0.3074 0.3282	0.2751 0.3359	0.3043 0.3300	0.3113	0.3149	Ave		0.3134				6.1		20.0			
Chlorobenzene	0.9963 0.8832	0.8670 0.9099	0.9489 0.8900	0.9051	0.8908	Ave		0.9114			0.3000	4.6		20.0			
1,1,1,2-Tetrachloroethane	0.2875 0.3372	0.2826 0.3525	0.2882 0.3478	0.3194	0.3278	Ave		0.3178				8.9		20.0			
Ethylbenzene	0.4356 0.4894	0.4127 0.5057	0.4638 0.4961	0.4665	0.4813	Ave		0.4689				6.7		20.0			
m-Xylene & p-Xylene	0.5203 0.6008	0.4657 0.6225	0.5552 0.6073	0.5905	0.5914	Ave		0.5692				9.3		20.0			
o-Xylene	0.4720 0.5896	0.4521 0.6068	0.5126 0.5920	0.5685	0.5729	Ave		0.5458				10.8		20.0			
Styrene	0.7253 0.9685	0.6847 0.9986	0.8060 0.9845	0.8776	0.9318	Ave		0.8721			0.3000	13.9		20.0			
Bromoform	0.1455 0.2165	0.1609 0.2334	0.1745 0.2360	0.1877	0.1954	Ave		0.1938			0.1000	17.1		20.0			
Isopropylbenzene	1.3055 1.5891	1.1724 1.6375	1.3794 1.5795	1.5132	1.5718	Ave		1.4686			0.1000	11.2		20.0			
1,1,2,2-Tetrachloroethane	0.9762 0.8578	0.8004 0.8986	0.8751 0.8933	0.8377	0.8542	Ave		0.8742			0.3000	5.9		20.0			
trans-1,4-Dichloro-2-butene	0.2155 0.2448	0.1711 0.2637	0.2015 0.2664	0.2054	0.2250	Ave		0.2242				14.6		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.7818 0.7119	0.6864 0.7403	0.7340 0.7434	0.7167	0.7141	Ave		0.7286				3.9		20.0			
1,2,3-Trichloropropane	0.3712 0.3031	0.3025 0.3175	0.3303 0.3125	0.3048	0.3034	Ave		0.3182				7.4		20.0			
N-Propylbenzene	0.6860 0.7848	0.5632 0.8218	0.7155 0.8160	0.7669	0.7934	Ave		0.7435				11.7		20.0			
2-Chlorotoluene	0.5583 0.6782	0.6213 0.6963	0.6578 0.6998	0.6828	0.6872	Ave		0.6602				7.3		20.0			
1,3,5-Trimethylbenzene	1.9261 2.3706	1.6410 2.4908	2.1152 2.4211	2.2577	2.3848	Ave		2.2009				13.2		20.0			
4-Chlorotoluene	0.6335 0.6935	0.6009 0.7186	0.7359 0.7199	0.7110	0.7059	Ave		0.6899				6.9		20.0			
tert-Butylbenzene	1.5593 2.1038	1.5292 2.1925	1.8289 2.1608	1.9901	2.0797	Ave		1.9305				13.7		20.0			
1,2,4-Trimethylbenzene	1.8411 2.3558	1.6926 2.4529	2.0168 2.4105	2.2935	2.3778	Ave		2.1801				13.3		20.0			
sec-Butylbenzene	2.3848 2.9868	2.0686 3.0863	2.6336 3.0078	2.8311	2.9935	Ave		2.7491				13.1		20.0			
1,3-Dichlorobenzene	1.4464 1.3045	1.3273 1.3817	1.3909 1.3670	1.3371	1.3401	Ave		1.3619			0.6000	3.3		20.0			
4-Isopropyltoluene	1.7929 2.5014	1.6601 2.5946	2.0516 2.5168	2.3680	2.4975	Ave		2.2479				16.2		20.0			
1,4-Dichlorobenzene	1.5761 1.3196	1.3755 1.3675	1.4953 1.3664	1.3515	1.3700	Ave		1.4027			0.5000	6.2		20.0			
n-Butylbenzene	1.7881 2.0983	1.4288 2.1789	1.8794 2.1038	1.9556	2.0716	Ave		1.9381				12.6		20.0			
1,2-Dichlorobenzene	1.4361 1.2331	1.1676 1.2827	1.2836 1.2744	1.2559	1.2418	Ave		1.2719			0.4000	6.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1941 0.2051	0.1445 0.2267	0.1830 0.2306	0.1926	0.1967	Ave		0.1967			0.0500	13.7		20.0			
1,2,4-Trichlorobenzene	0.7709 0.6641	0.6679 0.6962	0.6502 0.7387	0.6510	0.6661	Ave		0.6881			0.2000	6.4		20.0			
Hexachlorobutadiene	0.2273 0.2522	0.1982 0.2625	0.2394 0.2712	0.2402	0.2492	Ave		0.2425				9.3		20.0			
Naphthalene	2.0242 2.3432	1.7335 2.4983	1.8610 2.6455	2.0730	2.2344	Ave		2.1766				14.4		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.7415 0.6440	0.5891 0.6781	0.6312 0.7395	0.6360	0.6608	Ave		0.6650				8.0		20.0			
Dibromofluoromethane (Surr)	0.3581 0.2805	0.2662 0.2881	0.3011 0.2830	0.2828	0.2809	Ave		0.2926				9.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4362 0.3035	0.3126 0.3118	0.3423 0.3066	0.3169	0.3008	Ave		0.3288				13.8		20.0			
Toluene-d8 (Surr)	1.4000 1.1923	1.1229 1.2149	1.2191 1.1995	1.1906	1.1897	Ave		1.2161				6.6		20.0			
4-Bromofluorobenzene (Surr)	0.5977 0.4221	0.4204 0.4403	0.4301 0.4284	0.4153	0.4218	Ave		0.4470				13.7		20.0			

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

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5746 567424	10560 871925	25191 1201667	125858	276933	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	6671 508542	11434 782593	26649 1035171	126213	253905	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	6138 575255	11987 873985	28571 1172100	132446	283523	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	5991 536905	11758 816245	26367 1072174	125077	265052	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	6378 548219	11533 890873	25612 1239738	120470	250556	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	4863 433214	9538 689375	20486 970576	95894	202407	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	11825 1073410	22629 1678419	51466 2300462	244704	505733	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	9592 1018297	18991 1574399	43555 2176518	217357	476446	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	3980 328064	6742 503700	15679 702426	72378	149723	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	4004 316746	7071 485423	13010 722855	64041	143944	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	6698 626074	11471 966849	28555 1339169	136431	286743	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	5218 500494	9222 786865	23825 1049145	114191	236656	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Lin1	+++++	18230	21368	83612	165427	+++++	2.00	4.00	20.0	40.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			338818	496230	696481			80.0	120	160		
Iodomethane	FB	Ave	8390 729746	15158 1143522	34200 1580361	166724	340623	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	12305 1116360	19632 1785257	48067 2477687	238005	498296	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	9555 770089	16699 1186762	38106 1654847	171025	351553	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Ave	6455 488983	9817 744806	21824 1050674	104435	219329	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Lin1	+++++ 505898	19393 778106	29129 1087341	121139	242173	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Methyl-2-propanol	FB	Ave	9243 582591	13156 884019	28180 1163506	137466	271951	5.00 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	25859 2038461	44056 3072233	89948 4285295	466402	920751	5.00 400	10.0 600	20.0 800	100	200
Methyl tert-butyl ether	FB	Ave	13199 1248121	24327 1958493	52405 2687398	264975	548318	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	6713 593756	12261 910304	26843 1262910	132931	273530	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	5793 587234	9455 898681	25605 1247143	124457	265949	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	6774 697966	13114 1115145	28340 1544964	142887	318909	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	8031 738618	14424 1134393	34212 1586688	161514	335770	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone (MEK)	FB	Ave	2221 163895	3198 255837	7212 352845	34118	73621	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6119 502629	9339 768650	24004 1082544	111581	231625	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	5582 515914	8434 764913	23353 1029966	106329	230493	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chlorobromomethane	FB	Ave	3837 350778	7048 528157	15659 724598	78310	158628	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	2977 335520	6633 519120	14612 724646	72520	150261	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	10124	15484	39004	181021	376021	0.500	1.00	2.00	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			808551	1233989	1706719			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	6902 758934	12613 1166072	30952 1616216	154337	338150	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	7263 724916	13311 1098106	32265 1520813	152485	328309	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	6004 629879	10709 958452	27966 1333219	136328	288547	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	7325 553346	10693 918798	24547 1146766	116112	260357	12.5 1000	25.0 1500	50.0 2000	250	500
Carbon tetrachloride	FB	Ave	5601 652219	10977 1028983	27593 1426675	142694	288947	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Benzene	FB	Ave	19651 1696151	33841 2578403	82089 3555768	381377	780220	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	7806 594832	12957 915982	29053 1284069	133245	270727	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Lin1	+++++ 289977	26878 433224	36035 589751	79289	144915	+++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	5503 500769	9961 763067	22605 1071587	107998	228410	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	4543 393755	7484 601455	17896 849905	86084	177001	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	7273 787147	12093 1220016	33189 1656046	163565	357161	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Ave	1316 142273	2245 216211	5806 292408	33363	69861	10.0 800	20.0 1200	40.0 1600	200	400
Dibromomethane	FB	Ave	4035 322581	6294 488935	14110 686398	68706	143408	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorobromomethane	FB	Ave	5768 537638	9782 842302	21724 1192771	110198	239065	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	5184 582605	9066 898102	22135 1276122	117746	253067	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	5622 602683	8702 946487	22353 1354202	116771	260178	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	9792 1065448	16537 1632644	42053 2271503	223360	473609	1.00 80.0	2.00 120	4.00 160	20.0	40.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	20644 1859793	34839 2818102	85946 3928344	411342	844716	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	5218 565422	8709 891902	20701 1283658	105967	240133	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl methacrylate	CBNZ d5	Ave	4394 584968	8140 910213	19568 1286501	111565	243575	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	4343 393816	7891 603814	17986 836757	86183	176785	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrachloroethene	CBNZ d5	Ave	5166 500877	9222 774456	23657 1069910	109210	234397	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,3-Dichloropropane	CBNZ d5	Ave	7437 659493	12245 1007378	29413 1397108	142313	299466	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Hexanone	CBNZ d5	Ave	6438 789555	12218 1201272	31151 1675780	153635	342400	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chlorodibromomethane	CBNZ d5	Ave	3987 405395	6788 644026	15552 911859	78231	173977	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethylene Dibromide	CBNZ d5	Ave	4494 435808	7553 663304	18156 924064	91473	192412	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chlorobenzene	CBNZ d5	Ave	14564 1172766	23799 1797066	56626 2492480	265925	544338	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	4202 447687	7757 696086	17198 974056	93834	200277	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethylbenzene	CBNZ d5	Ave	6367 649831	11328 998779	27675 1389214	137058	294134	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	7606	12784	33129	173490	361399	0.500	1.00	2.00	10.0	20.0
			797718	1229407	1700607			40.0	60.0	80.0		
o-Xylene	CBNZ d5	Ave	6899	12412	30588	167041	350080	0.500	1.00	2.00	10.0	20.0
			782877	1198352	1657934			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	10602	18797	48095	257838	569368	0.500	1.00	2.00	10.0	20.0
			1285988	1972248	2757060			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	2127	4417	10415	55154	119390	0.500	1.00	2.00	10.0	20.0
			287545	460885	661026			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	19083	32185	82313	444600	960474	0.500	1.00	2.00	10.0	20.0
			2110040	3234020	4423360			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7075	11325	26799	130643	275409	0.500	1.00	2.00	10.0	20.0
			613931	938595	1286330			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1562	2421	6170	32035	72537	0.500	1.00	2.00	10.0	20.0
			175218	275473	383644			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	5666	9713	22477	111775	230239	0.500	1.00	2.00	10.0	20.0
			509496	773184	1070509			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	2690	4281	10115	47530	97816	0.500	1.00	2.00	10.0	20.0
			216908	331571	450076			40.0	60.0	80.0		
N-Propylbenzene	DCBd 4	Ave	4972	7969	21910	119614	255808	0.500	1.00	2.00	10.0	20.0
			561699	858327	1175034			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	4046	8792	20145	106483	221553	0.500	1.00	2.00	10.0	20.0
			485394	727282	1007769			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	13959	23220	64776	352118	768901	0.500	1.00	2.00	10.0	20.0
			1696703	2601593	3486447			40.0	60.0	80.0		

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	4591 496338	8502 750586	22537 1036611	110895	227592	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
tert-Butylbenzene	DCBd 4	Ave	11301 1505700	21638 2289983	56008 3111646	310375	670524	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	13343 1686119	23950 2561978	61763 3471163	357693	766635	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
sec-Butylbenzene	DCBd 4	Ave	17284 2137689	29270 3223488	80651 4331265	441546	965144	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	10483 933642	18781 1443102	42595 1968570	208540	432077	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Isopropyltoluene	DCBd 4	Ave	12994 1790313	23490 2709945	62829 3624255	369318	805237	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	11423 944440	19463 1428316	45792 1967601	210778	441705	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Butylbenzene	DCBd 4	Ave	12959 1501814	20217 2275809	57554 3029484	304994	667922	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	10408 882534	16522 1339776	39310 1835247	195870	400375	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1407 146814	2045 236774	5603 332032	30043	63403	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	5587 475343	9451 727203	19912 1063707	101532	214760	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexachlorobutadiene	DCBd 4	Ave	1647 180492	2804 274216	7331 390600	37469	80347	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	14670 1677041	24529 2609362	56990 3809543	323305	720411	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	5374 460905	8335 708198	19329 1064883	99192	213053	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	6512 461798	9377 713668	22804 985650	103727	215927	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	7932 499805	11013 772478	25928 1067974	116222	231227	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Toluene-d8 (Surr)	CBNZ d5	Ave	20464 1583147	30824 2399307	72748 3359179	349811	727002	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	8737 560535	11540 869666	25666 1199616	122028	257729	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0

Curve Type Legend
Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

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

Lab Name: Eurofins Canton Job No.: 240-166223-1 Analy Batch No.: 524469

SDG No.:

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2022 11:07 Calibration End Date: 04/29/2022 13:44 Calibration ID: 65488

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-524469/9	U1927189.D
Level 2	STD8260 240-524469/10	U1927190.D
Level 3	STD8260 240-524469/11	U1927191.D
Level 4	STD8260 240-524469/12	U1927192.D
Level 5	ICIS 240-524469/13	U1927193.D
Level 6	STD8260 240-524469/14	U1927194.D
Level 7	STD8260 240-524469/15	U1927195.D
Level 8	STD8260 240-524469/16	U1927196.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	+++++	22.9						50				
Methylene Chloride	+++++	10.3						50				
n-Heptane	+++++	-2.1						50				

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D
Lims ID: std8260 L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Apr-2022 11:07:15 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-009
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:02 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 11:42:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	727359	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	584704	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	289899	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	93	6512	0.5000	0.6120	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	7932	0.5000	0.6632	
$ 6 Toluene-d8 (Surr)	98	7.147	7.159	-0.012	94	20464	0.5000	0.5756	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	8737	0.5000	0.6685	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	98	5746	0.5000	0.4693	
10 Chloromethane	50	2.262	2.273	-0.011	97	6671	0.5000	0.5559	
12 Vinyl chloride	62	2.392	2.404	-0.012	94	6138	0.5000	0.4782	
11 Butadiene	54	2.416	2.427	-0.011	92	5991	0.5000	0.4953	
13 Bromomethane	94	2.748	2.759	-0.011	90	6378	0.5000	0.5160	
15 Chloroethane	64	2.831	2.842	-0.011	98	4863	0.5000	0.4968	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	11825	0.5000	0.4920	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	71	9592	0.5000	0.4458	
18 Ethyl ether	59	3.317	3.328	-0.011	86	3980	0.5000	0.5426	
19 Acrolein	56	3.447	3.447	0.000	93	4004	2.50	2.84	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	97	6698	0.5000	0.4959	
21 112TCTFE	101	3.554	3.566	-0.012	57	5218	0.5000	0.4772	
22 Acetone	43		3.566				ND	ND	U
24 Iodomethane	142	3.685	3.696	-0.011	98	8390	0.5000	0.5128	
25 Carbon disulfide	76	3.756	3.767	-0.011	98	12305	0.5000	0.5131	
28 Methyl acetate	43	3.827	3.838	-0.011	95	9555	1.00	1.09	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	6455	0.5000	0.5938	
29 Methylene Chloride	49		3.969				ND	ND	U
30 2-Methyl-2-propanol	59	4.005	4.016	-0.011	97	9243	5.00	6.72	
31 Acrylonitrile	53	4.135	4.147	-0.012	100	25859	5.00	5.67	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	95	13199	0.5000	0.4951	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	95	6713	0.5000	0.5126	
34 Hexane	57	4.396	4.408	-0.012	90	5793	0.5000	0.4741	
36 Vinyl acetate	43	4.515	4.514	0.001	98	6774	0.5000	0.4598	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	95	8031	0.5000	0.4988	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	94	2221	1.00	1.22	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	6119	0.5000	0.5493	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	85	5582	0.5000	0.5198	
46 Chlorobromomethane	49	5.167	5.178	-0.011	81	3837	0.5000	0.5048	
47 Tetrahydrofuran	42	5.191	5.190	0.001	69	2977	1.00	0.8399	
48 Chloroform	83	5.226	5.238	-0.012	93	10124	0.5000	0.5605	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	96	6902	0.5000	0.4462	
50 Cyclohexane	84	5.452	5.463	-0.011	80	7263	0.5000	0.4746	
53 Isobutyl alcohol	41	5.511	5.510	0.001	79	7325	12.5	14.8	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	82	6004	0.5000	0.4550	
52 Carbon tetrachloride	117	5.523	5.522	0.001	94	5601	0.5000	0.4149	
54 Benzene	78	5.665	5.677	-0.011	97	19651	0.5000	0.5226	
55 1,2-Dichloroethane	62	5.689	5.700	-0.011	97	7806	0.5000	0.5732	
57 n-Heptane	57		5.866				ND	ND	U
59 Trichloroethene	130	6.175	6.175	0.000	92	5503	0.5000	0.5054	
61 Methylcyclohexane	83	6.377	6.376	0.000	85	7273	0.5000	0.4522	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	71	4543	0.5000	0.5289	
65 1,4-Dioxane	88	6.412	6.424	-0.012	81	1316	10.0	8.88	
64 Dibromomethane	174	6.460	6.459	0.001	89	4035	0.5000	0.5722	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	96	5768	0.5000	0.5071	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	91	5184	1.00	0.8882	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	94	5622	0.5000	0.4676	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	93	9792	1.00	0.9076	
71 Toluene	91	7.207	7.218	-0.011	98	20644	0.5000	0.5074	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	90	5218	0.5000	0.4590	
73 Ethyl methacrylate	69	7.384	7.384	0.000	80	4394	0.5000	0.3924	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	89	4343	0.5000	0.5015	
75 Tetrachloroethene	166	7.657	7.657	0.000	92	5166	0.5000	0.4724	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	92	7437	0.5000	0.5181	
77 2-Hexanone	43	7.705	7.704	0.001	94	6438	1.00	0.8209	
79 Chlorodibromomethane	129	7.883	7.894	-0.011	82	3987	0.5000	0.4767	
81 Ethylene Dibromide	107	8.013	8.013	0.000	93	4494	0.5000	0.4905	
83 Chlorobenzene	112	8.428	8.428	0.000	96	14564	0.5000	0.5466	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	43	4202	0.5000	0.4522	
85 Ethylbenzene	106	8.499	8.499	0.000	98	6367	0.5000	0.4645	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	97	7606	0.5000	0.4571	
87 o-Xylene	106	8.962	8.961	0.001	94	6899	0.5000	0.4323	
88 Styrene	104	8.974	8.973	0.001	93	10602	0.5000	0.4158	
89 Bromoform	173	9.151	9.151	0.000	90	2127	0.5000	0.3755	
90 Isopropylbenzene	105	9.282	9.282	0.000	95	19083	0.5000	0.4445	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	7075	0.5000	0.5584	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	1	1562	0.5000	0.4807	
95 Bromobenzene	156	9.602	9.602	0.000	93	5666	0.5000	0.5365	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	77	2690	0.5000	0.5833	
98 N-Propylbenzene	120	9.661	9.661	0.000	97	4972	0.5000	0.4614	
100 2-Chlorotoluene	126	9.768	9.768	0.000	95	4046	0.5000	0.4228	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	96	13959	0.5000	0.4376	
102 4-Chlorotoluene	126	9.875	9.874	0.001	96	4591	0.5000	0.4591	
103 tert-Butylbenzene	119	10.124	10.123	0.001	92	11301	0.5000	0.4039	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	13343	0.5000	0.4222	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	17284	0.5000	0.4338	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	92	10483	0.5000	0.5310	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	12994	0.5000	0.3988	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	92	11423	0.5000	0.5618	
112 n-Butylbenzene	91	10.847	10.847	0.000	96	12959	0.5000	0.4613	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	95	10408	0.5000	0.5645	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	67	1407	0.5000	0.4936	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	92	5587	0.5000	0.5601	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	75	1647	0.5000	0.4685	
118 Naphthalene	128	12.697	12.697	0.000	97	14670	0.5000	0.4650	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	90	5374	0.5000	0.5575	
S 125 Trihalomethanes, Total	1				0		2.00	1.92	
S 124 Total BTEX	1				0		2.50	2.38	
S 126 1,2-Dichloroethene, Total	96				0			1.06	
S 127 1,3-Dichloropropene, Total	75				0			0.9266	
S 128 Xylenes, Total	106				0		1.00	0.8894	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

U - Marked Undetected

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	0.40	Units: uL
vmarolistdw_00435	Amount Added:	0.40	Units: uL
vmrprimw_00479	Amount Added:	0.40	Units: uL
vm50ss_stk_00091	Amount Added:	0.40	Units: uL

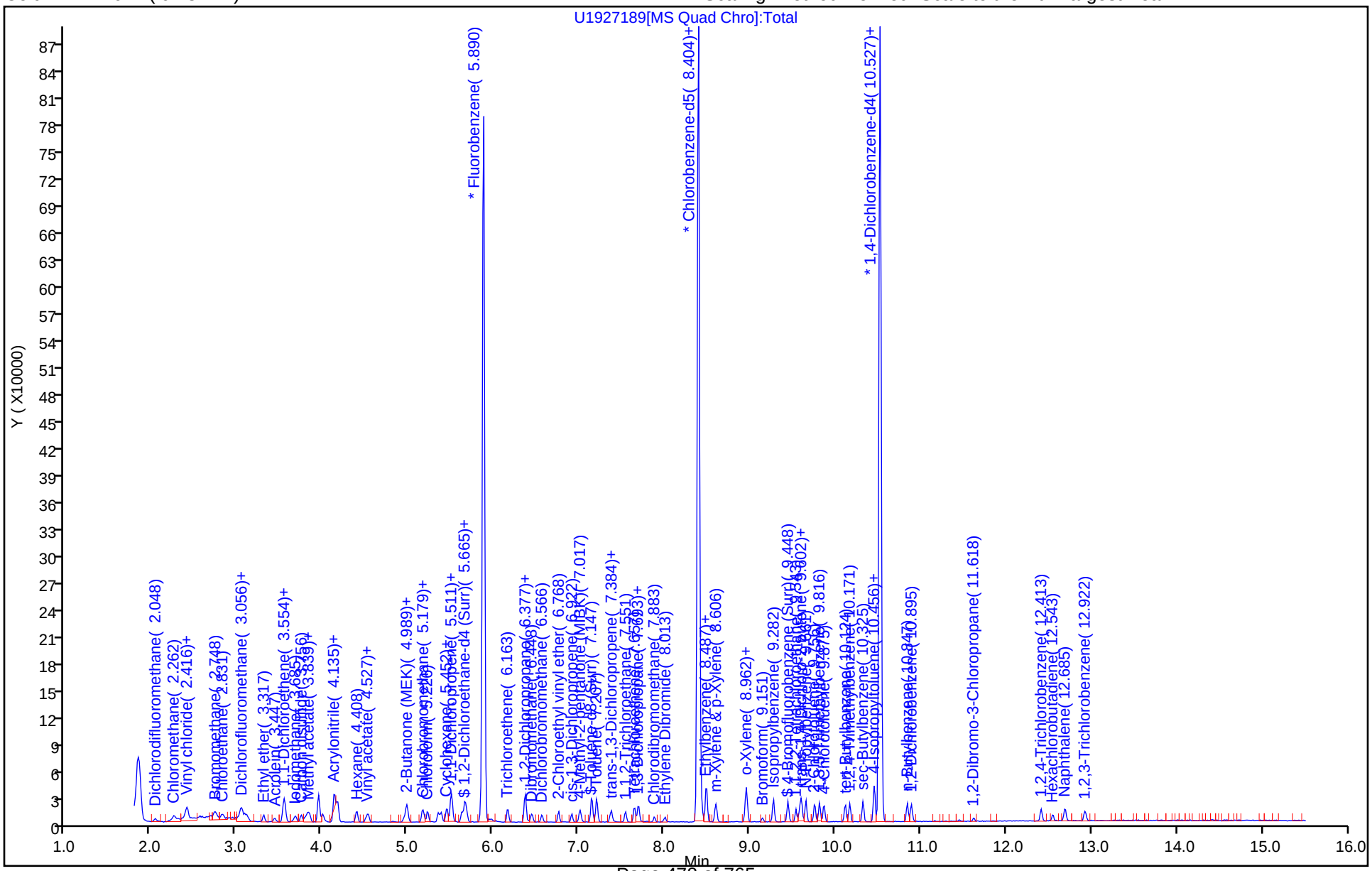
Report Date: 02-May-2022 09:05:03 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D

Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L1			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



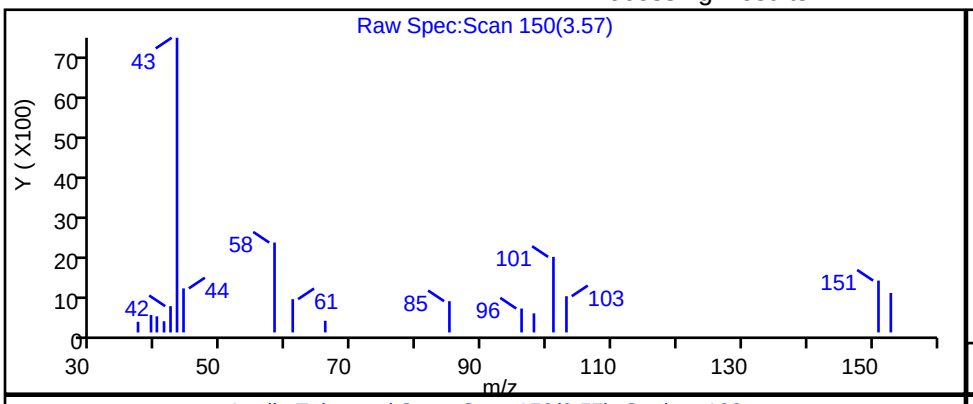
User Disabled Compound Report

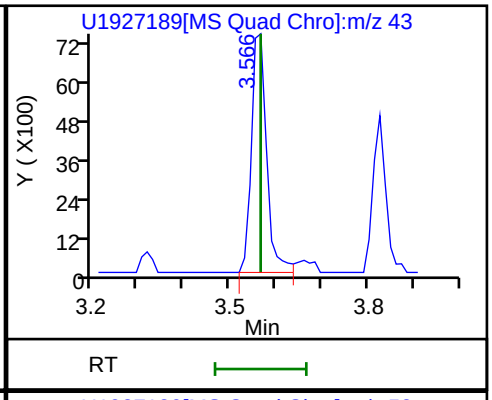
Eurofins Canton

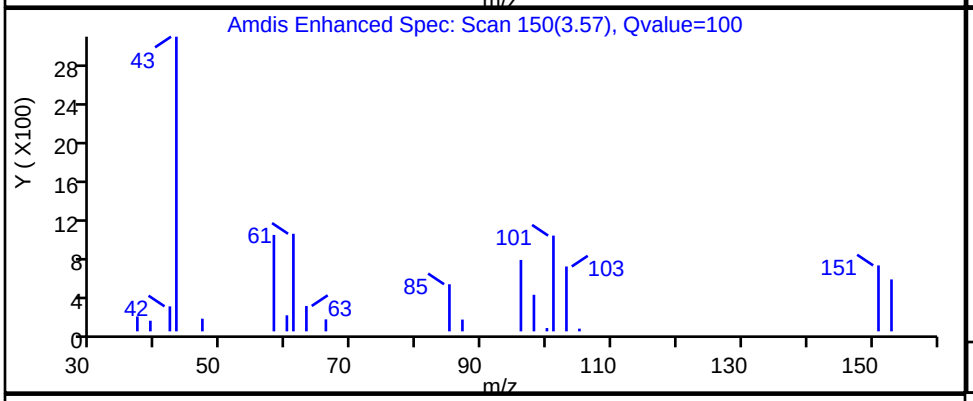
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Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

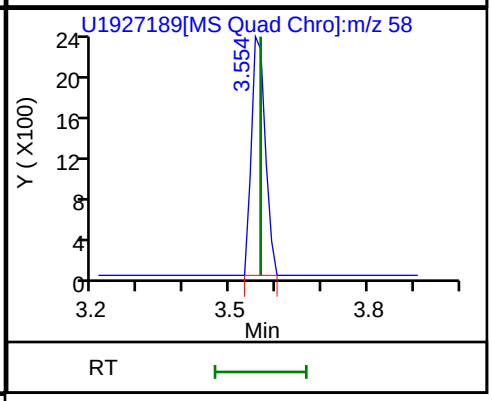
22 Acetone, CAS: 67-64-1

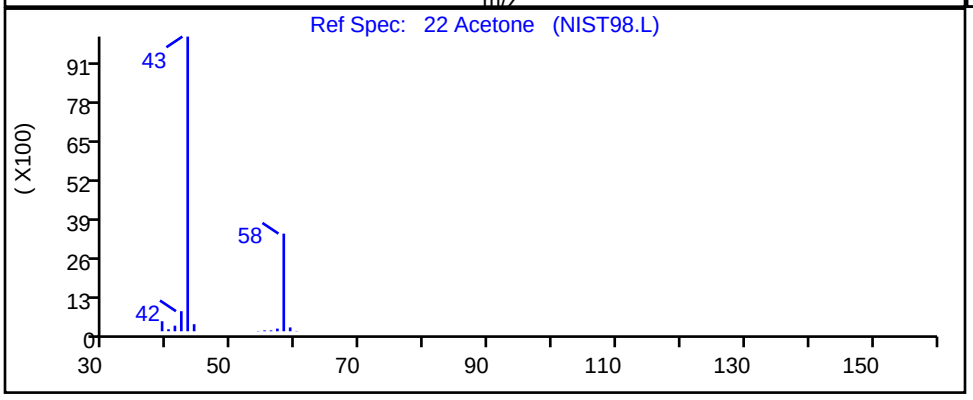
Processing Results











RT	Mass	Response	Amount
3.57	43.00	17213	1.440157
3.55	58.00	5031	

Reviewer: laveyt, 29-Apr-2022 14:19:19

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

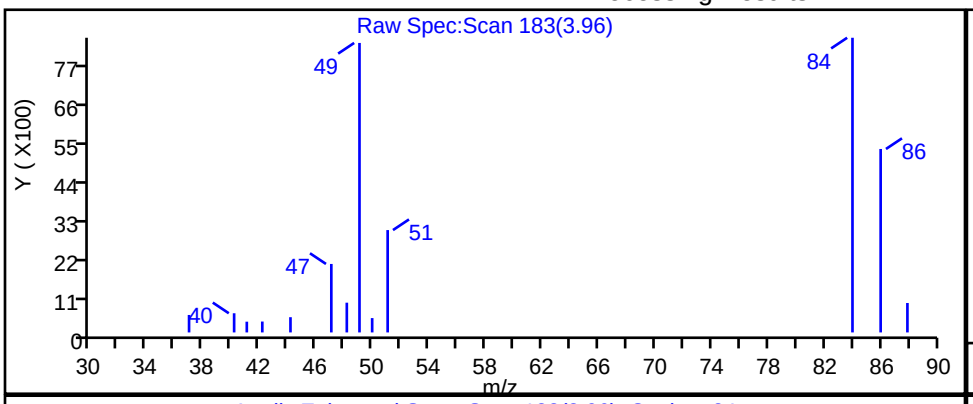
User Disabled Compound Report

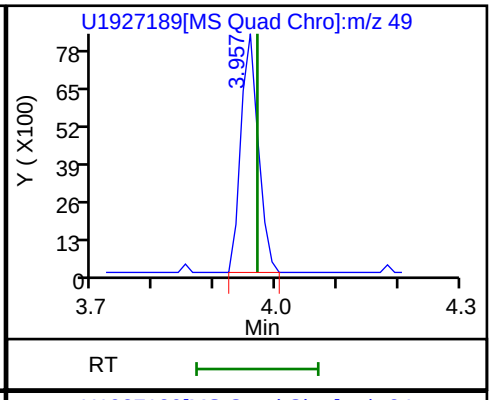
Eurofins Canton

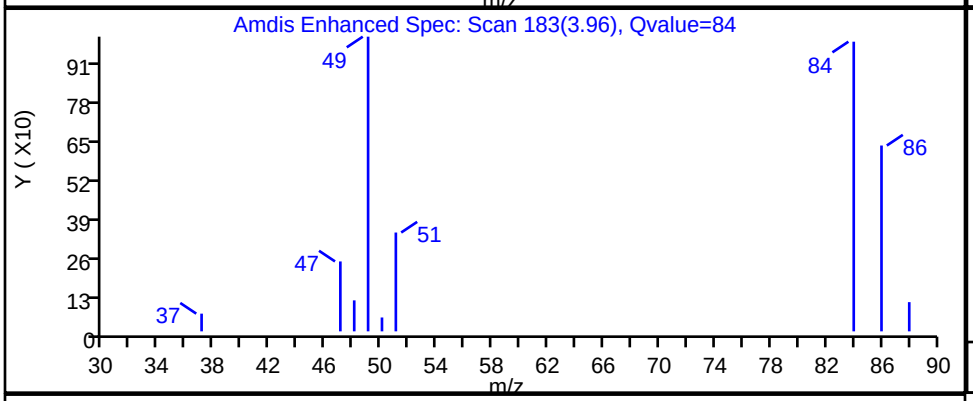
Data File:	\\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927189.D				
Injection Date:	29-Apr-2022 11:07:15	Instrument ID:	A3UX19		
Lims ID:	std8260 L1				
Client ID:					
Operator ID:	001904	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_19	Limit Group:	MSV 8260C ICAL		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

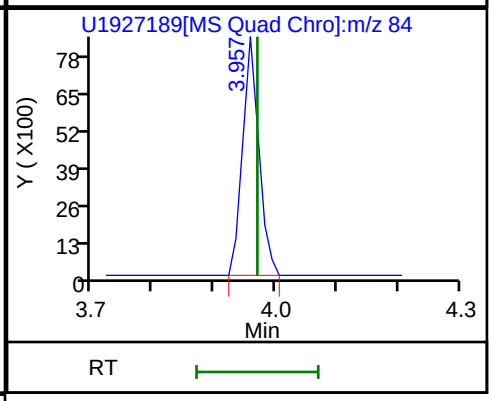
29 Methylene Chloride, CAS: 75-09-2

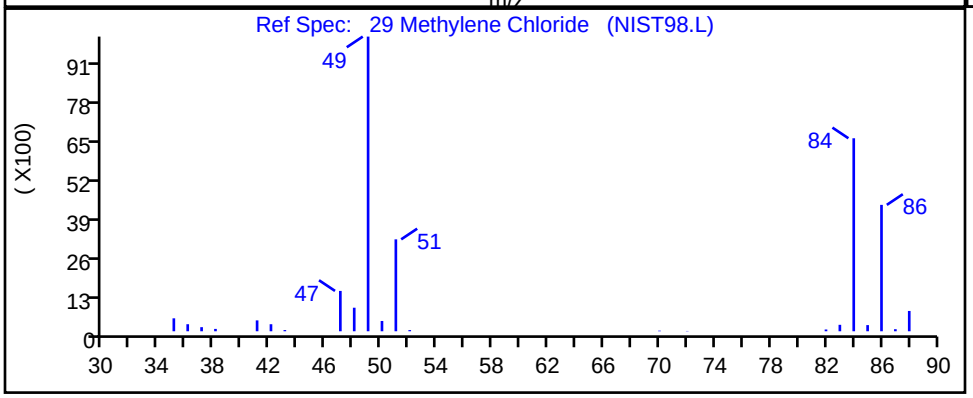
Processing Results











RT	Mass	Response	Amount
3.96	49.00	16487	0.624907
3.96	84.00	15809	

Reviewer: laveyt, 29-Apr-2022 14:19:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927190.D
Lims ID: std8260 L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Apr-2022 11:29:35 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-010
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:06 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 11:49:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	704554	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	549022	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	282998	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	92	9377	1.00	0.9098	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	11013	1.00	0.9507	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	30824	1.00	0.9233	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	11540	1.00	0.9404	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	98	10560	1.00	0.8904	
10 Chloromethane	50	2.273	2.273	0.000	96	11434	1.00	0.9837	
12 Vinyl chloride	62	2.404	2.404	0.000	96	11987	1.00	0.9641	
11 Butadiene	54	2.428	2.427	0.001	86	11758	1.00	1.00	
13 Bromomethane	94	2.760	2.759	0.001	93	11533	1.00	0.9632	
15 Chloroethane	64	2.843	2.842	0.001	99	9538	1.00	1.01	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	22629	1.00	0.9720	
17 Trichlorofluoromethane	101	3.080	3.079	0.001	89	18991	1.00	0.9112	
18 Ethyl ether	59	3.317	3.328	-0.011	85	6742	1.00	0.9489	
19 Acrolein	56	3.447	3.447	0.000	94	7071	5.00	5.18	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	97	11471	1.00	0.8768	
21 112TCTFE	101	3.566	3.566	0.000	73	9222	1.00	0.8707	
22 Acetone	43	3.566	3.566	0.000	99	18230	2.00	2.46	
24 Iodomethane	142	3.685	3.696	-0.011	99	15158	1.00	0.9564	
25 Carbon disulfide	76	3.768	3.767	0.001	99	19632	1.00	0.8451	
28 Methyl acetate	43	3.827	3.838	-0.011	97	16699	2.00	1.97	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	71	9817	1.00	0.9324	
29 Methylene Chloride	49	3.957	3.969	-0.012	88	19393	1.00	1.10	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	95	13156	10.0	9.87	
31 Acrylonitrile	53	4.147	4.147	0.000	97	44056	10.0	9.97	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	95	24327	1.00	0.9421	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	97	12261	1.00	0.9666	
34 Hexane	57	4.408	4.408	0.000	89	9455	1.00	0.7989	
36 Vinyl acetate	43	4.515	4.514	0.001	98	13114	1.00	0.9189	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	95	14424	1.00	0.9248	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	100	3198	2.00	1.81	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	84	9339	1.00	0.8655	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	87	8434	1.00	0.8108	
46 Chlorobromomethane	49	5.179	5.178	0.001	89	7048	1.00	0.9573	
47 Tetrahydrofuran	42	5.191	5.190	0.001	77	6633	2.00	1.93	
48 Chloroform	83	5.238	5.238	0.000	93	15484	1.00	0.8850	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	12613	1.00	0.8418	
50 Cyclohexane	84	5.463	5.463	0.000	85	13311	1.00	0.8980	
53 Isobutyl alcohol	41	5.511	5.510	0.001	81	10693	25.0	22.3	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	84	10709	1.00	0.8378	
52 Carbon tetrachloride	117	5.523	5.522	0.001	92	10977	1.00	0.8394	
54 Benzene	78	5.677	5.677	0.001	97	33841	1.00	0.9291	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	97	12957	1.00	0.9822	
57 n-Heptane	57	5.890	5.866	0.024	74	26878	1.00	0.9794	
59 Trichloroethene	130	6.175	6.175	0.000	97	9961	1.00	0.9444	
61 Methylcyclohexane	83	6.376	6.376	0.000	88	12093	1.00	0.7762	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	82	7484	1.00	0.8995	
65 1,4-Dioxane	88	6.412	6.424	-0.012	81	2245	20.0	15.6	
64 Dibromomethane	174	6.459	6.459	0.000	92	6294	1.00	0.9215	
66 Dichlorobromomethane	83	6.578	6.578	0.000	97	9782	1.00	0.8878	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	92	9066	2.00	1.60	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	93	8702	1.00	0.7471	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	92	16537	2.00	1.58	
71 Toluene	91	7.207	7.218	-0.011	99	34839	1.00	0.9119	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	95	8709	1.00	0.8159	
73 Ethyl methacrylate	69	7.384	7.384	0.000	85	8140	1.00	0.7742	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	87	7891	1.00	0.9704	
75 Tetrachloroethene	166	7.657	7.657	0.000	95	9222	1.00	0.8981	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	91	12245	1.00	0.9085	
77 2-Hexanone	43	7.705	7.704	0.001	95	12218	2.00	1.66	
79 Chlorodibromomethane	129	7.894	7.894	0.000	87	6788	1.00	0.8644	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	7553	1.00	0.8780	
83 Chlorobenzene	112	8.428	8.428	0.000	96	23799	1.00	0.9512	
84 1,1,1,2-Tetrachloroethane	131	8.487	8.499	-0.012	44	7757	1.00	0.8890	
85 Ethylbenzene	106	8.499	8.499	0.000	98	11328	1.00	0.8801	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	12784	1.00	0.8182	
87 o-Xylene	106	8.950	8.961	-0.011	96	12412	1.00	0.8284	
88 Styrene	104	8.974	8.973	0.001	94	18797	1.00	0.7852	
89 Bromoform	173	9.151	9.151	0.000	93	4417	1.00	0.8305	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	32185	1.00	0.7984	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	97	11325	1.00	0.9156	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	64	2421	1.00	0.7632	
95 Bromobenzene	156	9.602	9.602	0.000	95	9713	1.00	0.9422	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	82	4281	1.00	0.9509	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	7969	1.00	0.7575	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	8792	1.00	0.9411	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	95	23220	1.00	0.7456	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	8502	1.00	0.8709	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	21638	1.00	0.7921	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	23950	1.00	0.7764	
106 sec-Butylbenzene	105	10.325	10.325	0.000	94	29270	1.00	0.7525	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	97	18781	1.00	0.9746	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	23490	1.00	0.7385	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	95	19463	1.00	0.9806	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	20217	1.00	0.7372	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	96	16522	1.00	0.9180	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	76	2045	1.00	0.7349	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	91	9451	1.00	0.9706	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	92	2804	1.00	0.8171	
118 Naphthalene	128	12.685	12.697	-0.012	97	24529	1.00	0.7964	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	8335	1.00	0.8858	
S 125 Trihalomethanes, Total	1				0		4.00	3.47	
S 124 Total BTEX	1				0		5.00	4.37	
S 126 1,2-Dichloroethene, Total	96				0			1.83	
S 127 1,3-Dichloropropene, Total	75				0			1.56	
S 128 Xylenes, Total	106				0		2.00	1.65	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	0.80	Units: uL
vmarolistdw_00435	Amount Added:	0.80	Units: uL
vmrprimw_00479	Amount Added:	0.80	Units: uL
vm50ss_stk_00091	Amount Added:	0.80	Units: uL

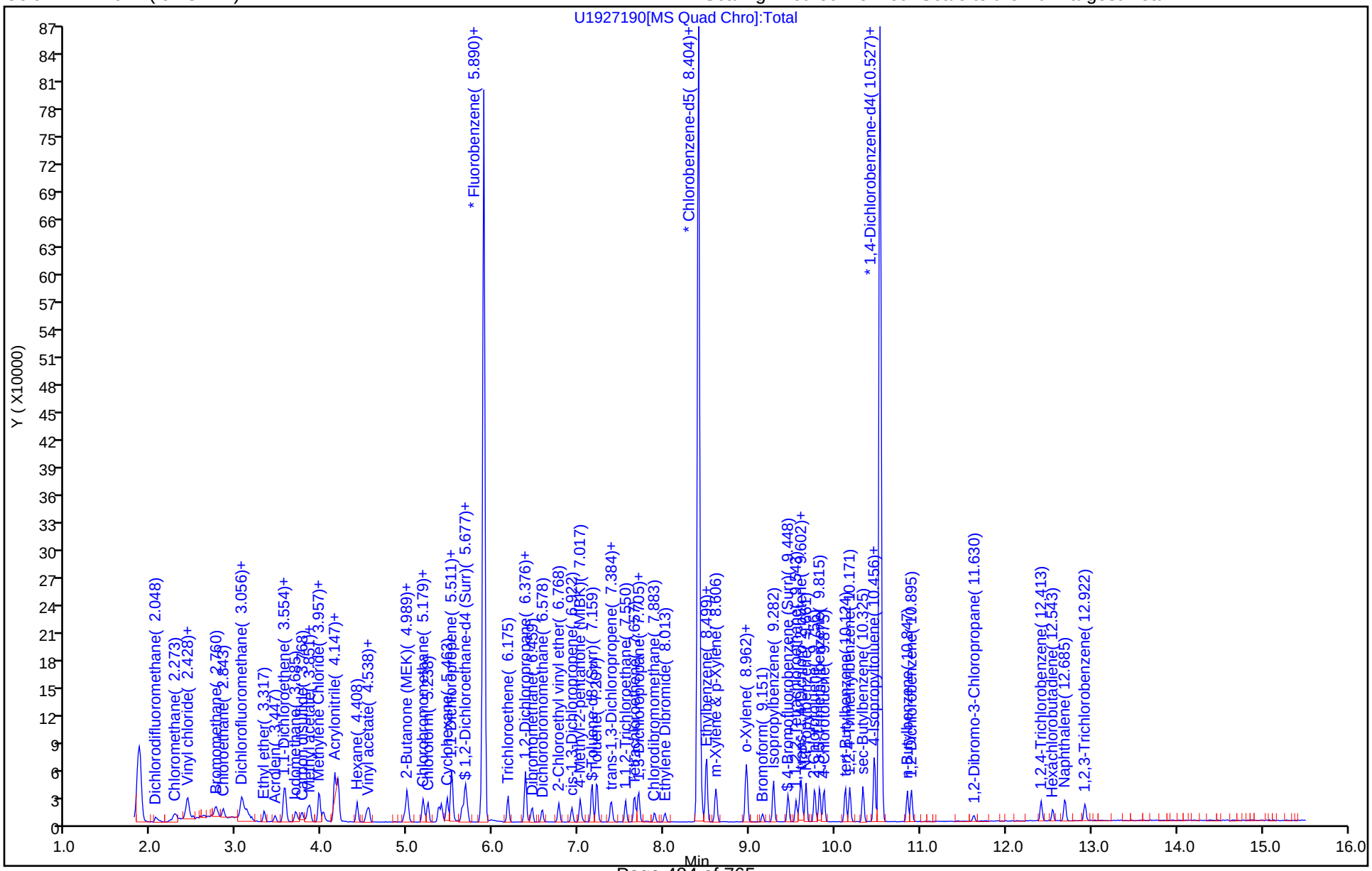
Report Date: 02-May-2022 09:05:07 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927190.D

Injection Date:	29-Apr-2022 11:29:35	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L2			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927191.D
Lims ID: std8260 L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Apr-2022 11:52:06 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-011
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:11 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 12:40:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	757480	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	596732	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	306240	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	92	22804	2.00	2.06	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	98	25928	2.00	2.08	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	72748	2.00	2.00	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	25666	2.00	1.92	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	25191	2.00	1.98	
10 Chloromethane	50	2.262	2.273	-0.011	99	26649	2.00	2.13	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	28571	2.00	2.14	
11 Butadiene	54	2.416	2.427	-0.011	89	26367	2.00	2.09	
13 Bromomethane	94	2.748	2.759	-0.011	93	25612	2.00	1.99	
15 Chloroethane	64	2.831	2.842	-0.011	100	20486	2.00	2.01	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	51466	2.00	2.06	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	96	43555	2.00	1.94	
18 Ethyl ether	59	3.317	3.328	-0.011	89	15679	2.00	2.05	
19 Acrolein	56	3.447	3.447	0.000	99	13010	10.0	8.86	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	28555	2.00	2.03	
21 112TCTFE	101	3.554	3.566	-0.012	93	23825	2.00	2.09	
22 Acetone	43	3.566	3.566	0.000	99	21368	4.00	2.93	
24 Iodomethane	142	3.685	3.696	-0.011	98	34200	2.00	2.01	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	48067	2.00	1.92	
28 Methyl acetate	43	3.827	3.838	-0.011	96	38106	4.00	4.18	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	87	21824	2.00	1.93	
29 Methylene Chloride	49	3.957	3.969	-0.012	85	29129	2.00	1.81	
30 2-Methyl-2-propanol	59	4.005	4.016	-0.011	96	28180	20.0	19.7	
31 Acrylonitrile	53	4.135	4.147	-0.012	98	89948	20.0	18.9	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	96	52405	2.00	1.89	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	94	26843	2.00	1.97	
34 Hexane	57	4.408	4.408	0.000	91	25605	2.00	2.01	
36 Vinyl acetate	43	4.515	4.514	0.001	97	28340	2.00	1.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	34212	2.00	2.04	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	98	7212	4.00	3.80	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	79	24004	2.00	2.07	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	87	23353	2.00	2.09	
46 Chlorobromomethane	49	5.167	5.178	-0.011	86	15659	2.00	1.98	
47 Tetrahydrofuran	42	5.191	5.190	0.001	79	14612	4.00	3.96	
48 Chloroform	83	5.238	5.238	0.000	94	39004	2.00	2.07	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	30952	2.00	1.92	
50 Cyclohexane	84	5.463	5.463	0.000	83	32265	2.00	2.02	
53 Isobutyl alcohol	41	5.511	5.510	0.001	74	24547	50.0	47.6	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	92	27966	2.00	2.04	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	27593	2.00	1.96	
54 Benzene	78	5.665	5.677	-0.011	96	82089	2.00	2.10	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	29053	2.00	2.05	
57 n-Heptane	57	5.890	5.866	0.024	87	36035	2.00	2.14	
59 Trichloroethene	130	6.175	6.175	0.000	97	22605	2.00	1.99	
61 Methylcyclohexane	83	6.377	6.376	0.001	88	33189	2.00	1.98	
62 1,2-Dichloropropane	63	6.377	6.376	0.001	93	17896	2.00	2.00	
65 1,4-Dioxane	88	6.424	6.424	0.000	88	5806	40.0	37.6	
64 Dibromomethane	174	6.460	6.459	0.001	94	14110	2.00	1.92	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	98	21724	2.00	1.83	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	91	22135	4.00	3.64	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	94	22353	2.00	1.79	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	42053	4.00	3.74	
71 Toluene	91	7.218	7.218	0.000	97	85946	2.00	2.07	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	96	20701	2.00	1.78	
73 Ethyl methacrylate	69	7.385	7.384	0.001	84	19568	2.00	1.71	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.001	93	17986	2.00	2.04	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	23657	2.00	2.12	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	94	29413	2.00	2.01	
77 2-Hexanone	43	7.705	7.704	0.001	97	31151	4.00	3.89	
79 Chlorodibromomethane	129	7.894	7.894	0.000	86	15552	2.00	1.82	
81 Ethylene Dibromide	107	8.013	8.013	0.000	99	18156	2.00	1.94	
83 Chlorobenzene	112	8.428	8.428	0.000	95	56626	2.00	2.08	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	71	17198	2.00	1.81	
85 Ethylbenzene	106	8.499	8.499	0.000	98	27675	2.00	1.98	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	33129	2.00	1.95	
87 o-Xylene	106	8.962	8.961	0.001	97	30588	2.00	1.88	
88 Styrene	104	8.974	8.973	0.001	93	48095	2.00	1.85	
89 Bromoform	173	9.151	9.151	0.000	91	10415	2.00	1.80	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	82313	2.00	1.88	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	97	26799	2.00	2.00	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	67	6170	2.00	1.80	
95 Bromobenzene	156	9.602	9.602	0.000	94	22477	2.00	2.01	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	10115	2.00	2.08	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	21910	2.00	1.92	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	20145	2.00	1.99	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	64776	2.00	1.92	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	22537	2.00	2.13	
103 tert-Butylbenzene	119	10.124	10.123	0.001	92	56008	2.00	1.89	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	61763	2.00	1.85	
106 sec-Butylbenzene	105	10.325	10.325	0.000	94	80651	2.00	1.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	91	42595	2.00	2.04	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	62829	2.00	1.83	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	96	45792	2.00	2.13	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	57554	2.00	1.94	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	96	39310	2.00	2.02	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	81	5603	2.00	1.86	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	92	19912	2.00	1.89	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	92	7331	2.00	1.97	
118 Naphthalene	128	12.697	12.697	0.000	97	56990	2.00	1.71	
119 1,2,3-Trichlorobenzene	180	12.923	12.922	0.000	96	19329	2.00	1.90	
S 125 Trihalomethanes, Total	1				0		8.00	7.53	
S 124 Total BTEX	1				0		10.0	9.97	
S 126 1,2-Dichloroethene, Total	96				0			4.04	
S 127 1,3-Dichloropropene, Total	75				0			3.57	
S 128 Xylenes, Total	106				0		4.00	3.83	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	1.60	Units: uL
vmarolistdw_00435	Amount Added:	1.60	Units: uL
vmrprimw_00479	Amount Added:	1.60	Units: uL
vm50ss_stk_00091	Amount Added:	1.60	Units: uL

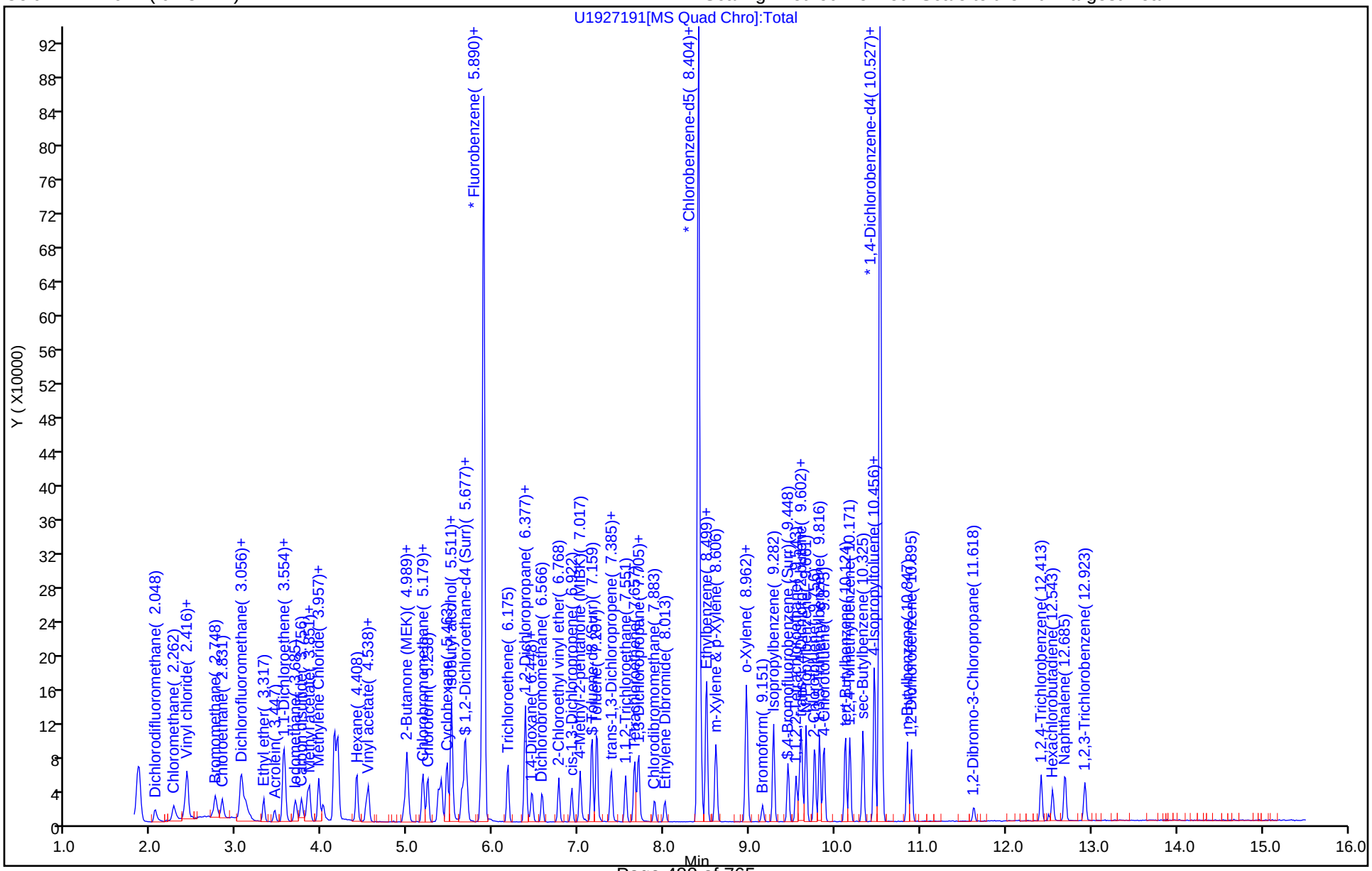
Report Date: 02-May-2022 09:05:12 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927191.D

Injection Date:	29-Apr-2022 11:52:06	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L3			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927192.D
Lims ID: std8260 L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Apr-2022 12:14:24 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-012
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:16 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 12:41:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	733543	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	93	587630	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	311923	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	92	103727	10.0	9.67	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	116222	10.0	9.64	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	349811	10.0	9.79	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	122028	10.0	9.29	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	125858	10.0	10.2	
10 Chloromethane	50	2.273	2.273	0.000	99	126213	10.0	10.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	132446	10.0	10.2	
11 Butadiene	54	2.428	2.428	0.000	88	125077	10.0	10.3	
13 Bromomethane	94	2.760	2.760	0.000	92	120470	10.0	9.66	
15 Chloroethane	64	2.843	2.843	0.000	100	95894	10.0	9.71	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	244704	10.0	10.1	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	98	217357	10.0	10.0	
18 Ethyl ether	59	3.317	3.317	0.000	88	72378	10.0	9.78	
19 Acrolein	56	3.447	3.447	0.000	99	64041	50.0	45.0	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	136431	10.0	10.0	
21 112TCTFE	101	3.566	3.566	0.000	94	114191	10.0	10.4	
22 Acetone	43	3.566	3.566	0.000	100	83612	20.0	20.3	
24 Iodomethane	142	3.696	3.696	0.000	99	166724	10.0	10.1	
25 Carbon disulfide	76	3.756	3.756	0.000	99	238005	10.0	9.84	
28 Methyl acetate	43	3.827	3.827	0.000	96	171025	20.0	19.4	
27 3-Chloro-1-propene	41	3.851	3.851	0.000	84	104435	10.0	9.53	
29 Methylene Chloride	49	3.957	3.957	0.000	88	121139	10.0	10.0	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	96	137466	100.0	99.1	
31 Acrylonitrile	53	4.147	4.147	0.000	99	466402	100.0	101.3	
33 Methyl tert-butyl ether	73	4.183	4.183	0.000	94	264975	10.0	9.86	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	132931	10.0	10.1	
34 Hexane	57	4.408	4.408	0.000	91	124457	10.0	10.1	
36 Vinyl acetate	43	4.515	4.515	0.000	98	142887	10.0	9.62	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	161514	10.0	9.95	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	34118	20.0	18.6	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	111581	10.0	9.93	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	88	106329	10.0	9.82	
46 Chlorobromomethane	49	5.179	5.179	0.000	87	78310	10.0	10.2	
47 Tetrahydrofuran	42	5.191	5.191	0.000	80	72520	20.0	20.3	
48 Chloroform	83	5.238	5.238	0.000	93	181021	10.0	9.94	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	154337	10.0	9.89	
50 Cyclohexane	84	5.463	5.463	0.000	85	152485	10.0	9.88	
53 Isobutyl alcohol	41	5.511	5.511	0.000	79	116112	250.0	232.6	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	91	136328	10.0	10.2	
52 Carbon tetrachloride	117	5.523	5.523	0.000	95	142694	10.0	10.5	
54 Benzene	78	5.677	5.677	0.000	96	381377	10.0	10.1	
55 1,2-Dichloroethane	62	5.701	5.701	0.000	98	133245	10.0	9.70	
57 n-Heptane	57	5.855	5.855	0.000	84	79289	10.0	9.62	
59 Trichloroethene	130	6.175	6.175	0.000	97	107998	10.0	9.83	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	163565	10.0	10.1	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	86084	10.0	9.94	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	33363	200.0	223.1	
64 Dibromomethane	174	6.459	6.459	0.000	95	68706	10.0	9.66	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	110198	10.0	9.61	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	117746	20.0	20.0	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	116771	10.0	9.63	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	223360	20.0	20.5	
71 Toluene	91	7.218	7.218	0.000	98	411342	10.0	10.1	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	98	105967	10.0	9.28	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	111565	10.0	9.91	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	86183	10.0	9.90	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	109210	10.0	9.94	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	93	142313	10.0	9.87	
77 2-Hexanone	43	7.705	7.705	0.000	91	153635	20.0	19.5	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	78231	10.0	9.31	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	91473	10.0	9.93	
83 Chlorobenzene	112	8.428	8.428	0.000	97	265925	10.0	9.93	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	93834	10.0	10.0	
85 Ethylbenzene	106	8.499	8.499	0.000	98	137058	10.0	9.95	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	173490	10.0	10.4	
87 o-Xylene	106	8.962	8.962	0.000	97	167041	10.0	10.4	
88 Styrene	104	8.974	8.974	0.000	93	257838	10.0	10.1	
89 Bromoform	173	9.151	9.151	0.000	94	55154	10.0	9.69	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	444600	10.0	10.3	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	130643	10.0	9.58	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	83	32035	10.0	9.16	
95 Bromobenzene	156	9.602	9.602	0.000	94	111775	10.0	9.84	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	79	47530	10.0	9.58	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	119614	10.0	10.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	106483	10.0	10.3	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	352118	10.0	10.3	
102 4-Chlorotoluene	126	9.875	9.875	0.000	97	110895	10.0	10.3	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	310375	10.0	10.3	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	357693	10.0	10.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	441546	10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	208540	10.0	9.82	
108 4-Isopropyltoluene	119	10.456	10.456	0.000	97	369318	10.0	10.5	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	95	210778	10.0	9.63	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	304994	10.0	10.1	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	98	195870	10.0	9.87	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	85	30043	10.0	9.79	
116 1,2,4-Trichlorobenzene	180	12.413	12.413	0.000	94	101532	10.0	9.46	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	37469	10.0	9.91	
118 Naphthalene	128	12.697	12.697	0.000	97	323305	10.0	9.52	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	99192	10.0	9.56	
S 125 Trihalomethanes, Total	1				0		40.0	38.5	
S 124 Total BTEX	1				0		50.0	50.9	
S 126 1,2-Dichloroethene, Total	96				0			20.0	
S 127 1,3-Dichloropropene, Total	75				0			18.9	
S 128 Xylenes, Total	106				0		20.0	20.8	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	8.00	Units: uL
vmarolistdw_00435	Amount Added:	8.00	Units: uL
vmrprimw_00479	Amount Added:	8.00	Units: uL
vm50ss_stk_00091	Amount Added:	8.00	Units: uL

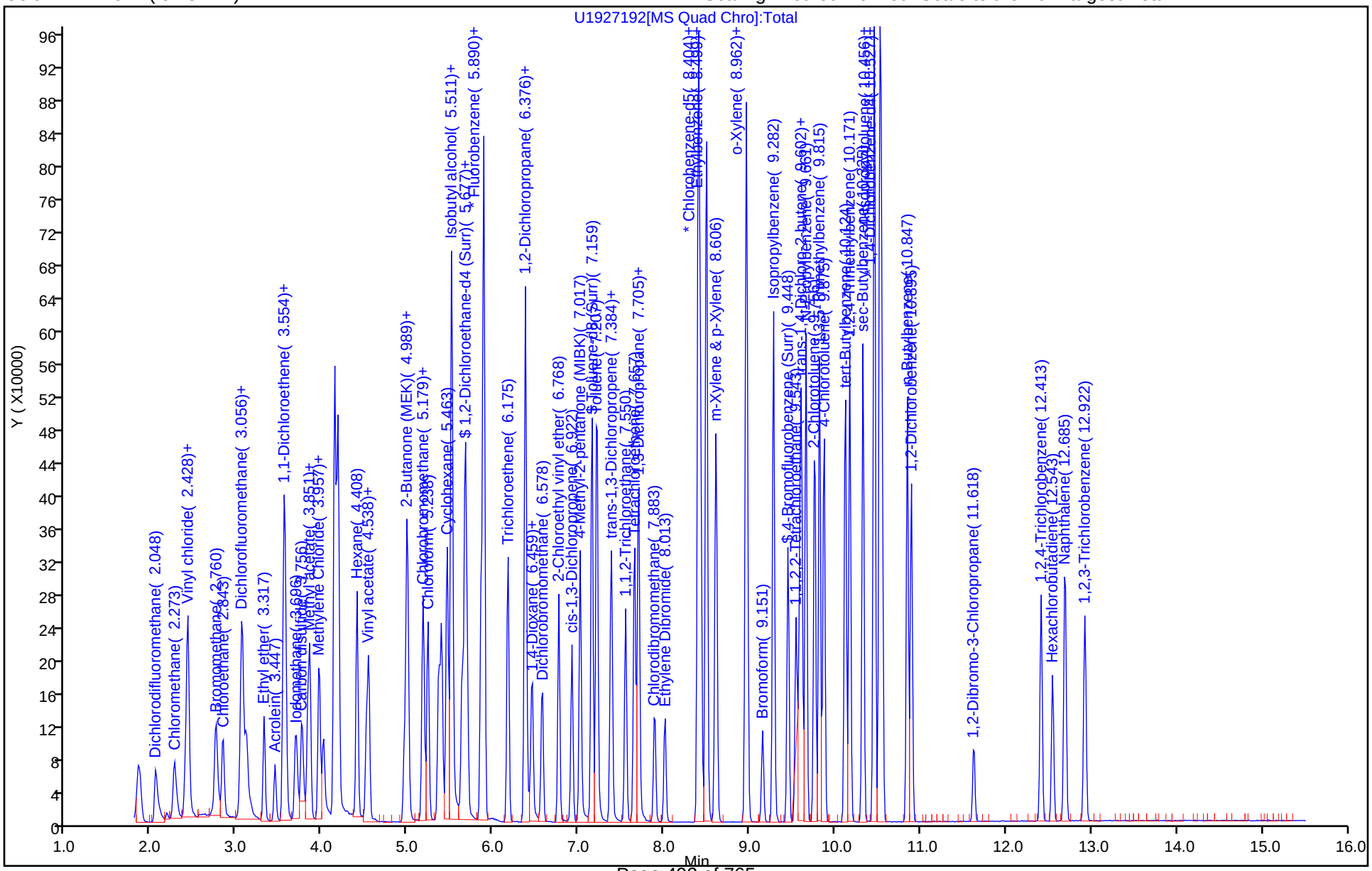
Report Date: 02-May-2022 09:05:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927192.D

Injection Date:	29-Apr-2022 12:14:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L4			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927193.D
Lims ID: ICIS L5
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 29-Apr-2022 12:36:55 ALS Bottle#: 0 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-013
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:21 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:01:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	768809	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	611064	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	322411	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.368	0.000	93	215927	20.0	19.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	98	231227	20.0	18.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	727002	20.0	19.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	257729	20.0	18.9	
9 Dichlorodifluoromethane	85	2.060	2.060	0.000	99	276933	20.0	21.4	
10 Chloromethane	50	2.273	2.273	0.000	98	253905	20.0	20.0	
12 Vinyl chloride	62	2.404	2.404	0.000	98	283523	20.0	20.9	
11 Butadiene	54	2.427	2.427	0.000	87	265052	20.0	20.7	
13 Bromomethane	94	2.759	2.759	0.000	92	250556	20.0	19.2	
15 Chloroethane	64	2.842	2.842	0.000	100	202407	20.0	19.6	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	505733	20.0	19.9	
17 Trichlorofluoromethane	101	3.079	3.079	0.000	98	476446	20.0	21.0	
18 Ethyl ether	59	3.328	3.328	0.000	87	149723	20.0	19.3	
19 Acrolein	56	3.447	3.447	0.000	99	143944	100.0	96.6	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	98	286743	20.0	20.1	
21 112TCTFE	101	3.566	3.566	0.000	94	236656	20.0	20.5	
22 Acetone	43	3.566	3.566	0.000	100	165427	40.0	40.9	
24 Iodomethane	142	3.696	3.696	0.000	99	340623	20.0	19.7	
25 Carbon disulfide	76	3.767	3.767	0.000	99	498296	20.0	19.7	
28 Methyl acetate	43	3.838	3.838	0.000	96	351553	40.0	38.0	
27 3-Chloro-1-propene	41	3.862	3.862	0.000	86	219329	20.0	19.1	
29 Methylene Chloride	49	3.969	3.969	0.000	87	242173	20.0	19.8	
30 2-Methyl-2-propanol	59	4.016	4.016	0.000	97	271951	200.0	187.0	
31 Acrylonitrile	53	4.147	4.147	0.000	99	920751	200.0	190.9	
33 Methyl tert-butyl ether	73	4.182	4.182	0.000	94	548318	20.0	19.5	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	273530	20.0	19.8	
34 Hexane	57	4.408	4.408	0.000	91	265949	20.0	20.6	
36 Vinyl acetate	43	4.514	4.514	0.000	98	318909	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.550	4.550	0.000	96	335770	20.0	19.7	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	73621	40.0	38.3	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	231625	20.0	19.7	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	89	230493	20.0	20.3	
46 Chlorobromomethane	49	5.178	5.178	0.000	86	158628	20.0	19.7	
47 Tetrahydrofuran	42	5.190	5.190	0.000	81	150261	40.0	40.1	
48 Chloroform	83	5.238	5.238	0.000	94	376021	20.0	19.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	338150	20.0	20.7	
50 Cyclohexane	84	5.463	5.463	0.000	81	328309	20.0	20.3	
53 Isobutyl alcohol	41	5.510	5.510	0.000	79	260357	500.0	497.7	
51 1,1-Dichloropropene	75	5.510	5.510	0.000	91	288547	20.0	20.7	
52 Carbon tetrachloride	117	5.522	5.522	0.000	97	288947	20.0	20.2	
54 Benzene	78	5.677	5.677	0.000	95	780220	20.0	19.6	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	270727	20.0	18.8	
57 n-Heptane	57	5.854	5.866	-0.012	85	144915	20.0	19.5	
59 Trichloroethene	130	6.175	6.175	0.000	97	228410	20.0	19.8	
61 Methylcyclohexane	83	6.376	6.376	0.000	90	357161	20.0	21.0	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	92	177001	20.0	19.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	69861	400.0	445.8	
64 Dibromomethane	174	6.459	6.459	0.000	95	143408	20.0	19.2	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	239065	20.0	19.9	
68 2-Chloroethyl vinyl ether	63	6.767	6.767	0.000	93	253067	40.0	41.0	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	260178	20.0	20.5	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	473609	40.0	41.5	
71 Toluene	91	7.218	7.218	0.000	98	844716	20.0	19.9	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	240133	20.0	20.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	243575	20.0	20.8	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	91	176785	20.0	19.5	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	234397	20.0	20.5	
76 1,3-Dichloropropane	76	7.692	7.692	0.000	93	299466	20.0	20.0	
77 2-Hexanone	43	7.704	7.704	0.000	91	342400	40.0	41.8	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	173977	20.0	19.9	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	192412	20.0	20.1	
83 Chlorobenzene	112	8.428	8.428	0.000	95	544338	20.0	19.5	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	200277	20.0	20.6	
85 Ethylbenzene	106	8.499	8.499	0.000	98	294134	20.0	20.5	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	361399	20.0	20.8	
87 o-Xylene	106	8.961	8.961	0.000	97	350080	20.0	21.0	
88 Styrene	104	8.973	8.973	0.000	94	569368	20.0	21.4	
89 Bromoform	173	9.151	9.151	0.000	94	119390	20.0	20.2	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	960474	20.0	21.4	
93 1,1,2,2-Tetrachloroethane	83	9.542	9.542	0.000	96	275409	20.0	19.5	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	69	72537	20.0	20.1	
95 Bromobenzene	156	9.602	9.602	0.000	96	230239	20.0	19.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	97816	20.0	19.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	255808	20.0	21.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	221553	20.0	20.8	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	768901	20.0	21.7	
102 4-Chlorotoluene	126	9.874	9.874	0.000	97	227592	20.0	20.5	
103 tert-Butylbenzene	119	10.123	10.123	0.000	93	670524	20.0	21.5	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	766635	20.0	21.8	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	965144	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	432077	20.0	19.7	
108 4-Isopropyltoluene	119	10.467	10.467	0.000	97	805237	20.0	22.2	
109 1,4-Dichlorobenzene	146	10.550	10.550	0.000	95	441705	20.0	19.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	667922	20.0	21.4	
113 1,2-Dichlorobenzene	146	10.894	10.894	0.000	97	400375	20.0	19.5	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	86	63403	20.0	20.0	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	93	214760	20.0	19.4	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	80347	20.0	20.6	
118 Naphthalene	128	12.697	12.697	0.000	97	720411	20.0	20.5	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	213053	20.0	19.9	
S 125 Trihalomethanes, Total	1				0		80.0	79.7	
S 124 Total BTEX	1				0		100.0	101.8	
S 128 Xylenes, Total	106				0		40.0	41.8	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	16.00	Units: uL
vmarolistdw_00435	Amount Added:	16.00	Units: uL
vmrprimw_00479	Amount Added:	16.00	Units: uL
vm50ss_stk_00091	Amount Added:	16.00	Units: uL

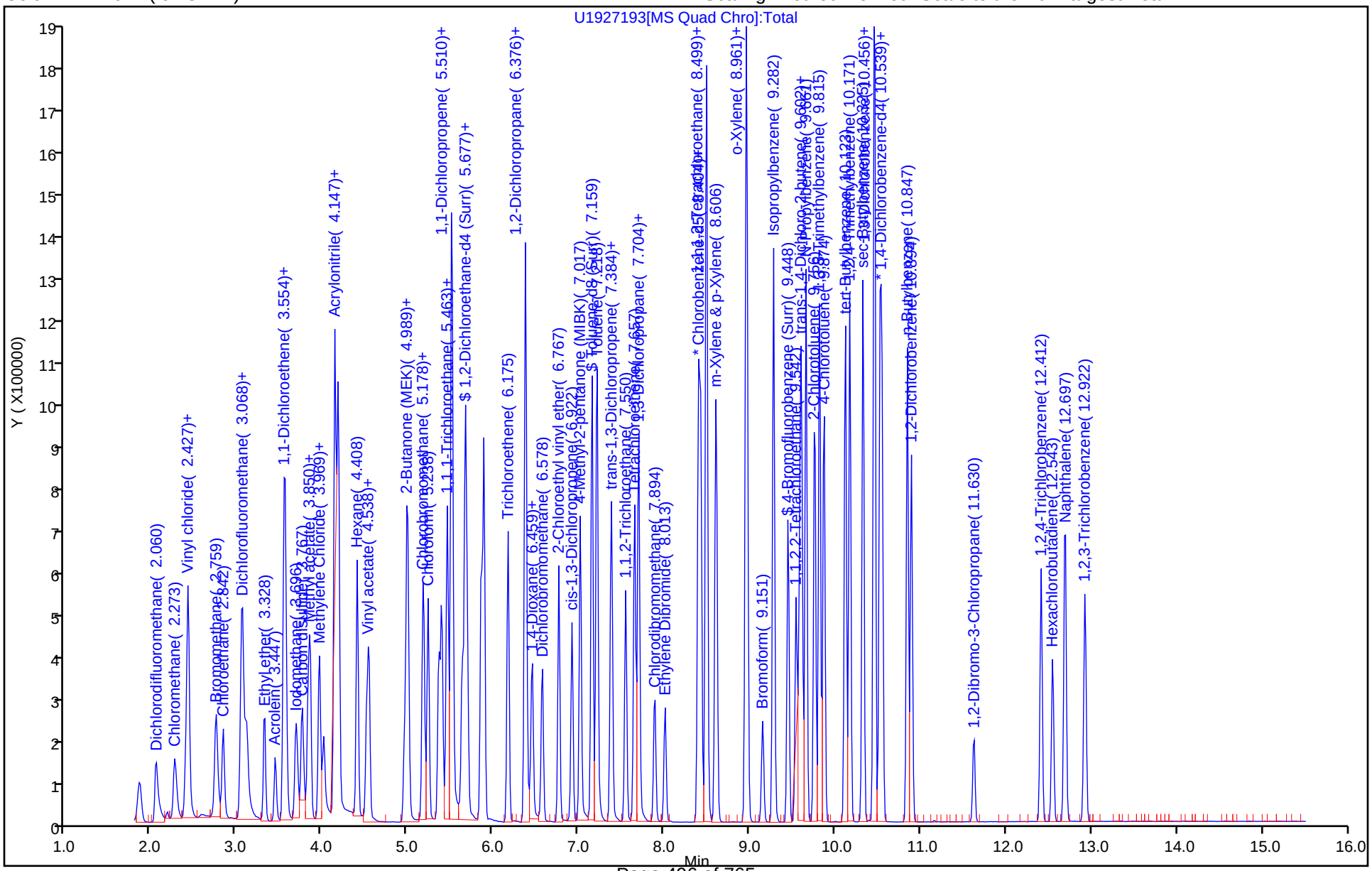
Report Date: 02-May-2022 09:05:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927193.D

Injection Date:	29-Apr-2022 12:36:55	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICIS L5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927194.D
Lims ID: std8260 L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Apr-2022 12:59:15 ALS Bottle#: 0 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-014
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:27 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:02:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	98	823277	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	663926	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	94	357860	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	96	461798	40.0	38.3	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	499805	40.0	36.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	1583147	40.0	39.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	560535	40.0	37.8	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	567424	40.0	40.9	
10 Chloromethane	50	2.262	2.273	-0.011	99	508542	40.0	37.4	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	575255	40.0	39.6	
11 Butadiene	54	2.416	2.427	-0.011	89	536905	40.0	39.2	
13 Bromomethane	94	2.748	2.759	-0.011	92	548219	40.0	39.2	
15 Chloroethane	64	2.831	2.842	-0.011	100	433214	40.0	39.1	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	98	1073410	40.0	39.5	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	98	1018297	40.0	41.8	
18 Ethyl ether	59	3.317	3.328	-0.011	88	328064	40.0	39.5	
19 Acrolein	56	3.447	3.447	0.000	99	316746	200.0	198.5	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	99	626074	40.0	41.0	
21 112TCTFE	101	3.554	3.566	-0.012	95	500494	40.0	40.4	
22 Acetone	43	3.566	3.566	0.000	100	338818	80.0	80.7	
24 Iodomethane	142	3.685	3.696	-0.011	100	729746	40.0	39.4	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	1116360	40.0	41.1	
28 Methyl acetate	43	3.827	3.838	-0.011	96	770089	80.0	77.8	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	488983	40.0	39.7	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	505898	40.0	39.2	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	582591	400.0	374.0	
31 Acrylonitrile	53	4.147	4.147	0.000	98	2038461	400.0	394.7	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	94	1248121	40.0	41.4	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	593756	40.0	40.1	
34 Hexane	57	4.408	4.408	0.000	90	587234	40.0	42.5	
36 Vinyl acetate	43	4.515	4.514	0.001	97	697966	40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	738618	40.0	40.5	
40 2-Butanone (MEK)	72	4.954	4.965	-0.011	99	163895	80.0	79.5	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	502629	40.0	39.9	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	515914	40.0	42.4	
46 Chlorobromomethane	49	5.167	5.178	-0.011	87	350778	40.0	40.8	
47 Tetrahydrofuran	42	5.191	5.190	0.001	81	335520	80.0	83.6	
48 Chloroform	83	5.238	5.238	0.000	94	808551	40.0	39.6	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	758934	40.0	43.3	
50 Cyclohexane	84	5.463	5.463	0.000	86	724916	40.0	41.9	
53 Isobutyl alcohol	41	5.511	5.510	0.001	81	553346	1000.0	987.7	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	91	629879	40.0	42.2	
52 Carbon tetrachloride	117	5.523	5.522	0.001	97	652219	40.0	42.7	
54 Benzene	78	5.677	5.677	0.001	96	1696151	40.0	39.9	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	594832	40.0	38.6	
57 n-Heptane	57	5.855	5.866	-0.011	87	289977	40.0	39.8	
59 Trichloroethene	130	6.175	6.175	0.000	97	500769	40.0	40.6	
61 Methylcyclohexane	83	6.377	6.376	0.001	89	787147	40.0	43.2	
62 1,2-Dichloropropane	63	6.377	6.376	0.001	94	393755	40.0	40.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	96	142273	800.0	847.9	
64 Dibromomethane	174	6.460	6.459	0.001	95	322581	40.0	40.4	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	537638	40.0	41.8	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	582605	80.0	88.2	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	602683	40.0	44.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	1065448	80.0	87.3	
71 Toluene	91	7.219	7.218	0.001	98	1859793	40.0	40.3	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	565422	40.0	43.8	
73 Ethyl methacrylate	69	7.385	7.384	0.001	83	584968	40.0	46.0	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.001	92	393816	40.0	40.0	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	500877	40.0	40.3	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	93	659493	40.0	40.5	
77 2-Hexanone	43	7.705	7.704	0.001	92	789555	80.0	88.7	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	405395	40.0	42.7	
81 Ethylene Dibromide	107	8.013	8.013	0.000	97	435808	40.0	41.9	
83 Chlorobenzene	112	8.428	8.428	0.000	95	1172766	40.0	38.8	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	447687	40.0	42.4	
85 Ethylbenzene	106	8.499	8.499	0.000	98	649831	40.0	41.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	797718	40.0	42.2	
87 o-Xylene	106	8.962	8.961	0.001	95	782877	40.0	43.2	
88 Styrene	104	8.974	8.973	0.001	94	1285988	40.0	44.4	
89 Bromoform	173	9.152	9.151	0.001	95	287545	40.0	44.7	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	2110040	40.0	43.3	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	613931	40.0	39.3	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	69	175218	40.0	43.7	
95 Bromobenzene	156	9.602	9.602	0.000	94	509496	40.0	39.1	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	216908	40.0	38.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	561699	40.0	42.2	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	485394	40.0	41.1	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	1696703	40.0	43.1	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	496338	40.0	40.2	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	1505700	40.0	43.6	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	1686119	40.0	43.2	
106 sec-Butylbenzene	105	10.326	10.325	0.001	94	2137689	40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	933642	40.0	38.3	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	1790313	40.0	44.5	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	94	944440	40.0	37.6	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	1501814	40.0	43.3	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	882534	40.0	38.8	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	87	146814	40.0	41.7	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	475343	40.0	38.6	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	180492	40.0	41.6	
118 Naphthalene	128	12.697	12.697	0.000	97	1677041	40.0	43.1	
119 1,2,3-Trichlorobenzene	180	12.923	12.922	0.001	95	460905	40.0	38.7	
S 125 Trihalomethanes, Total	1				0		160.0	168.7	
S 124 Total BTEX	1				0		200.0	207.3	
S 126 1,2-Dichloroethene, Total	96				0			79.9	
S 127 1,3-Dichloropropene, Total	75				0			88.1	
S 128 Xylenes, Total	106				0		80.0	85.4	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	32.00	Units: uL
vmarolistdw_00435	Amount Added:	32.00	Units: uL
vmrprimw_00479	Amount Added:	32.00	Units: uL
vm50ss_stk_00091	Amount Added:	32.00	Units: uL

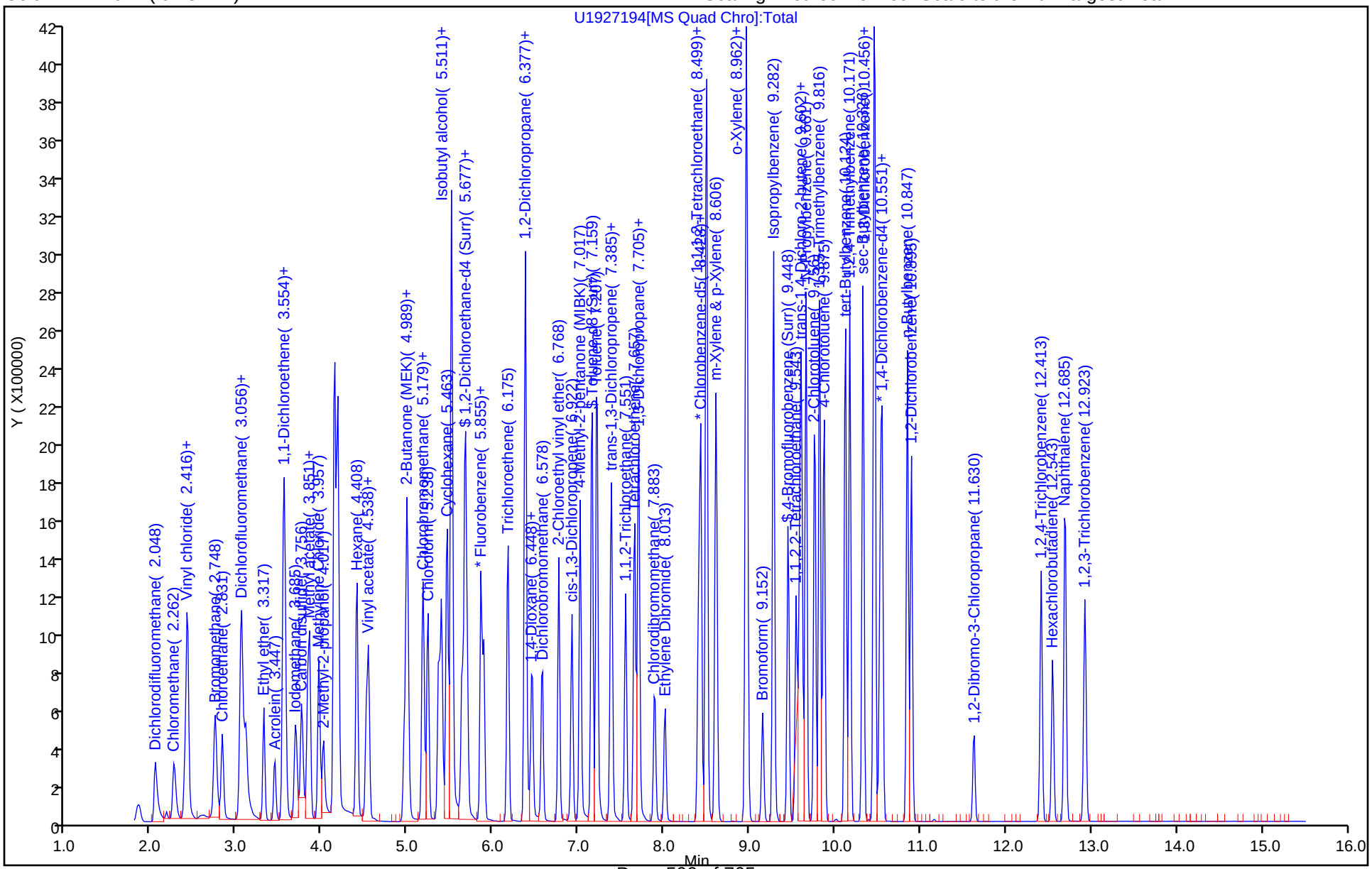
Report Date: 02-May-2022 09:05:29 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927194.D

Injection Date:	29-Apr-2022 12:59:15	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L6			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927195.D
Lims ID: std8260 L7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Apr-2022 13:21:35 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-015
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:04:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	825750	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	658322	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	348154	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	95	713668	60.0	59.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	772478	60.0	56.9	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	2399307	60.0	59.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	869666	60.0	59.1	
9 Dichlorodifluoromethane	85	2.048	2.060	-0.012	99	871925	60.0	62.7	
10 Chloromethane	50	2.273	2.273	0.000	99	782593	60.0	57.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	873985	60.0	60.0	
11 Butadiene	54	2.428	2.427	0.001	88	816245	60.0	59.4	
13 Bromomethane	94	2.748	2.759	-0.011	92	890873	60.0	63.5	
15 Chloroethane	64	2.831	2.842	-0.011	100	689375	60.0	62.0	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	98	1678419	60.0	61.5	
17 Trichlorofluoromethane	101	3.068	3.079	-0.011	99	1574399	60.0	64.5	
18 Ethyl ether	59	3.317	3.328	-0.011	89	503700	60.0	60.5	
19 Acrolein	56	3.447	3.447	0.000	99	485423	300.0	303.3	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	966849	60.0	63.1	
21 112TCTFE	101	3.566	3.566	0.000	96	786865	60.0	63.4	
22 Acetone	43	3.566	3.566	0.000	100	496230	120.0	119.2	
24 Iodomethane	142	3.696	3.696	0.000	100	1143522	60.0	61.6	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	1785257	60.0	65.6	
28 Methyl acetate	43	3.827	3.838	-0.011	96	1186762	120.0	119.5	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	85	744806	60.0	60.4	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	778106	60.0	60.5	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	884019	600.0	565.9	
31 Acrylonitrile	53	4.147	4.147	0.000	98	3072233	600.0	593.0	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	94	1958493	60.0	64.7	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	910304	60.0	61.2	
34 Hexane	57	4.408	4.408	0.000	90	898681	60.0	64.8	
36 Vinyl acetate	43	4.515	4.514	0.001	97	1115145	60.0	66.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	1134393	60.0	62.1	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	255837	120.0	123.8	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	768650	60.0	60.8	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	764913	60.0	62.7	
46 Chlorobromomethane	49	5.179	5.178	0.001	86	528157	60.0	61.2	
47 Tetrahydrofuran	42	5.191	5.190	0.001	81	519120	120.0	129.0	
48 Chloroform	83	5.238	5.238	0.000	93	1233989	60.0	60.2	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	1166072	60.0	66.4	
50 Cyclohexane	84	5.463	5.463	0.000	86	1098106	60.0	63.2	
53 Isobutyl alcohol	41	5.511	5.510	0.001	85	918798	1500.0	1635.2	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	94	958452	60.0	64.0	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	1028983	60.0	67.1	
54 Benzene	78	5.677	5.677	0.001	96	2578403	60.0	60.4	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	915982	60.0	59.2	
57 n-Heptane	57	5.855	5.866	-0.011	86	433224	60.0	61.1	
59 Trichloroethene	130	6.175	6.175	0.000	97	763067	60.0	61.7	
61 Methylcyclohexane	83	6.377	6.376	0.000	89	1220016	60.0	66.8	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	94	601455	60.0	61.7	
65 1,4-Dioxane	88	6.424	6.424	0.000	90	216211	1200.0	1284.6	
64 Dibromomethane	174	6.460	6.459	0.001	94	488935	60.0	61.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	842302	60.0	65.2	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	898102	120.0	135.5	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	946487	60.0	69.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	1632644	120.0	133.3	
71 Toluene	91	7.218	7.218	0.000	98	2818102	60.0	61.5	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	891902	60.0	69.7	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	910213	60.0	72.2	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	92	603814	60.0	61.9	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	774456	60.0	62.9	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	93	1007378	60.0	62.3	
77 2-Hexanone	43	7.705	7.704	0.001	92	1201272	120.0	136.0	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	644026	60.0	68.4	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	663304	60.0	64.3	
83 Chlorobenzene	112	8.428	8.428	0.000	95	1797066	60.0	59.9	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	46	696086	60.0	66.5	
85 Ethylbenzene	106	8.499	8.499	0.000	98	998779	60.0	64.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	1229407	60.0	65.6	
87 o-Xylene	106	8.962	8.961	0.001	95	1198352	60.0	66.7	
88 Styrene	104	8.974	8.973	0.001	94	1972248	60.0	68.7	
89 Bromoform	173	9.151	9.151	0.000	95	460885	60.0	72.3	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	3234020	60.0	66.9	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	938595	60.0	61.7	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	73	275473	60.0	70.6	
95 Bromobenzene	156	9.602	9.602	0.000	95	773184	60.0	61.0	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	331571	60.0	59.9	
98 N-Propylbenzene	120	9.661	9.661	0.000	98	858327	60.0	66.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	727282	60.0	63.3	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	2601593	60.0	67.9	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	750586	60.0	62.5	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	2289983	60.0	68.1	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	2561978	60.0	67.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	3223488	60.0	67.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	97	1443102	60.0	60.9	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	2709945	60.0	69.3	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	94	1428316	60.0	58.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	2275809	60.0	67.5	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	1339776	60.0	60.5	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	89	236774	60.0	69.2	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	727203	60.0	60.7	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	274216	60.0	65.0	
118 Naphthalene	128	12.685	12.697	-0.012	97	2609362	60.0	68.9	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	708198	60.0	61.2	
S 125 Trihalomethanes, Total	1				0		240.0	266.1	
S 124 Total BTEX	1				0		300.0	318.9	
S 126 1,2-Dichloroethene, Total	96				0			122.0	
S 127 1,3-Dichloropropene, Total	75				0			139.0	
S 128 Xylenes, Total	106				0		120.0	132.3	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	48.00	Units: uL
vmarolistdw_00435	Amount Added:	48.00	Units: uL
vmrprimw_00479	Amount Added:	48.00	Units: uL
vm50ss_stk_00091	Amount Added:	48.00	Units: uL

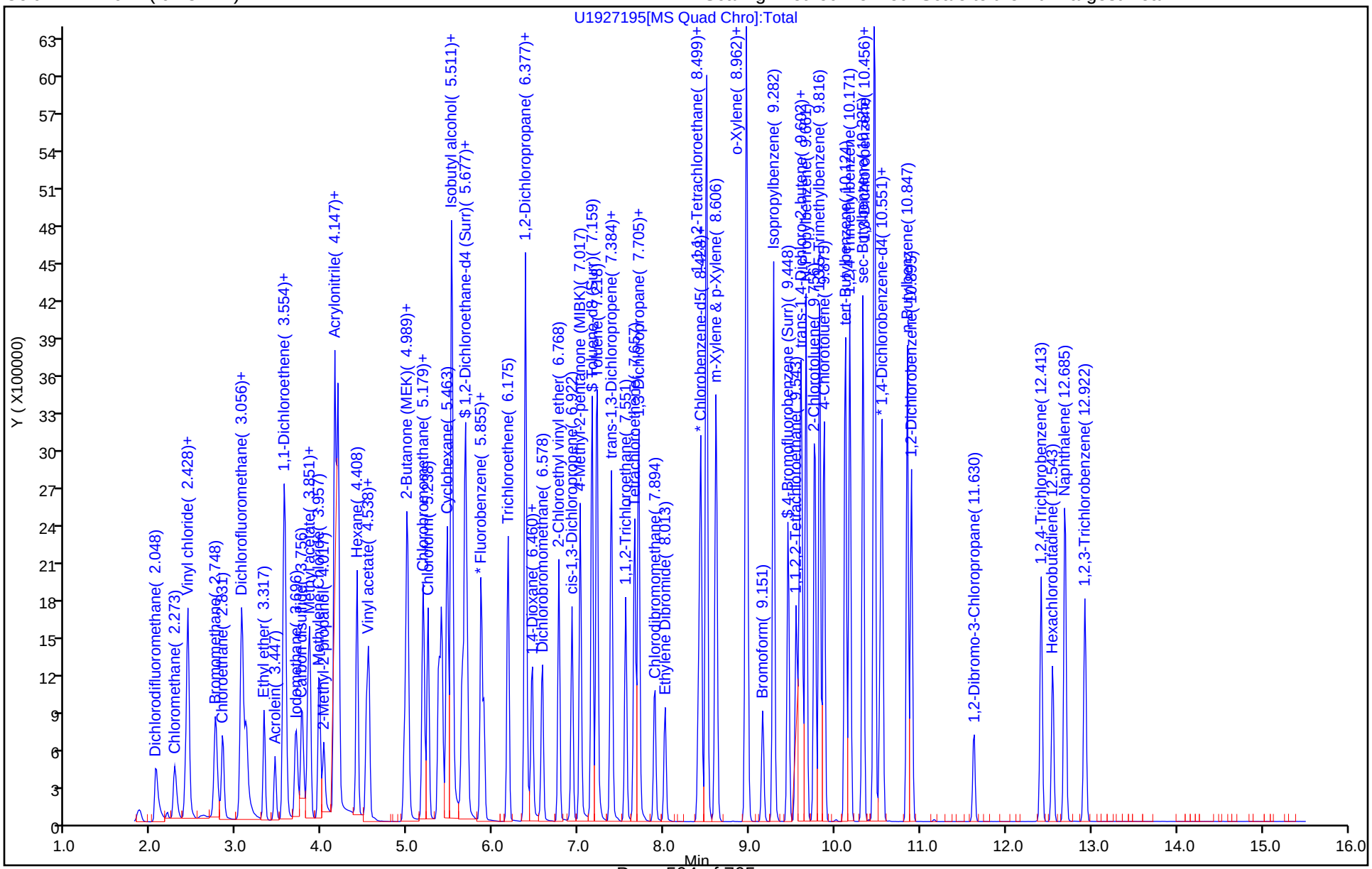
Report Date: 02-May-2022 09:05:35 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927195.D

Injection Date:	29-Apr-2022 13:21:35	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L7			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927196.D
Lims ID: std8260 L8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Apr-2022 13:44:07 ALS Bottle#: 0 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-016
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:38 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: laveyt Date: 29-Apr-2022 14:17:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	870688	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	84	700099	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	360008	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	95	985650	80.0	77.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	99	1067974	80.0	74.6	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	3359179	80.0	78.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	1199616	80.0	76.7	
9 Dichlorodifluoromethane	85	2.036	2.060	-0.024	99	1201667	80.0	82.0	
10 Chloromethane	50	2.262	2.273	-0.011	99	1035171	80.0	72.1	
12 Vinyl chloride	62	2.392	2.404	-0.012	98	1172100	80.0	76.3	
11 Butadiene	54	2.416	2.427	-0.011	88	1072174	80.0	74.1	
13 Bromomethane	94	2.736	2.759	-0.023	91	1239738	80.0	83.8	
15 Chloroethane	64	2.819	2.842	-0.023	99	970576	80.0	82.8	
16 Dichlorofluoromethane	67	3.044	3.056	-0.012	97	2300462	80.0	80.0	
17 Trichlorofluoromethane	101	3.056	3.079	-0.023	98	2176518	80.0	84.5	
18 Ethyl ether	59	3.305	3.328	-0.023	89	702426	80.0	80.0	
19 Acrolein	56	3.436	3.447	-0.011	99	722855	400.0	428.4	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	98	1339169	80.0	82.8	
21 112TCTFE	101	3.554	3.566	-0.012	95	1049145	80.0	80.2	
22 Acetone	43	3.554	3.566	-0.012	100	696481	160.0	159.5	
24 Iodomethane	142	3.685	3.696	-0.011	99	1580361	80.0	80.7	
25 Carbon disulfide	76	3.756	3.767	-0.011	99	2477687	80.0	86.3	
28 Methyl acetate	43	3.827	3.838	-0.011	96	1654847	160.0	158.1	
27 3-Chloro-1-propene	41	3.851	3.862	-0.011	86	1050674	80.0	80.7	
29 Methylene Chloride	49	3.957	3.969	-0.012	92	1087341	80.0	80.5	
30 2-Methyl-2-propanol	59	4.017	4.016	0.001	98	1163506	800.0	706.3	
31 Acrylonitrile	53	4.135	4.147	-0.012	98	4285295	800.0	784.5	
33 Methyl tert-butyl ether	73	4.171	4.182	-0.011	95	2687398	80.0	84.2	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	1262910	80.0	80.6	
34 Hexane	57	4.396	4.408	-0.012	90	1247143	80.0	85.3	
36 Vinyl acetate	43	4.515	4.514	0.001	97	1544964	80.0	87.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	1586688	80.0	82.3	
40 2-Butanone (MEK)	72	4.953	4.965	-0.012	98	352845	160.0	161.9	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	1082544	80.0	81.2	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	1029966	80.0	80.1	
46 Chlorobromomethane	49	5.167	5.178	-0.011	87	724598	80.0	79.6	
47 Tetrahydrofuran	42	5.179	5.190	-0.011	83	724646	160.0	170.8	
48 Chloroform	83	5.238	5.238	0.000	93	1706719	80.0	78.9	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	1616216	80.0	87.3	
50 Cyclohexane	84	5.463	5.463	0.000	87	1520813	80.0	83.0	
53 Isobutyl alcohol	41	5.511	5.510	0.001	91	1146766	2000.0	1935.5	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	94	1333219	80.0	84.4	
52 Carbon tetrachloride	117	5.523	5.522	0.001	97	1426675	80.0	88.3	
54 Benzene	78	5.665	5.677	-0.011	97	3555768	80.0	79.0	
55 1,2-Dichloroethane	62	5.689	5.700	-0.011	98	1284069	80.0	78.8	
57 n-Heptane	57	5.855	5.866	-0.011	85	589751	80.0	79.9	
59 Trichloroethene	130	6.175	6.175	0.000	97	1071587	80.0	82.2	
61 Methylcyclohexane	83	6.377	6.376	0.000	89	1656046	80.0	86.0	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	94	849905	80.0	82.7	
65 1,4-Dioxane	88	6.412	6.424	-0.012	89	292408	1600.0	1647.7	
64 Dibromomethane	174	6.460	6.459	0.001	94	686398	80.0	81.3	
66 Dichlorobromomethane	83	6.566	6.578	-0.012	99	1192771	80.0	87.6	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	1276122	160.0	182.7	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	1354202	80.0	94.1	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	94	2271503	160.0	175.9	
71 Toluene	91	7.218	7.218	0.000	98	3928344	80.0	80.6	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	97	1283658	80.0	94.3	
73 Ethyl methacrylate	69	7.384	7.384	0.000	84	1286501	80.0	96.0	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	92	836757	80.0	80.7	
75 Tetrachloroethene	166	7.657	7.657	0.000	97	1069910	80.0	81.7	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	94	1397108	80.0	81.3	
77 2-Hexanone	43	7.705	7.704	0.001	92	1675780	160.0	178.5	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	911859	80.0	91.1	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	924064	80.0	84.2	
83 Chlorobenzene	112	8.428	8.428	0.000	95	2492480	80.0	78.1	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	46	974056	80.0	87.5	
85 Ethylbenzene	106	8.499	8.499	0.000	98	1389214	80.0	84.6	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	1700607	80.0	85.4	
87 o-Xylene	106	8.962	8.961	0.001	95	1657934	80.0	86.8	
88 Styrene	104	8.974	8.973	0.001	93	2757060	80.0	90.3	
89 Bromoform	173	9.151	9.151	0.000	95	661026	80.0	97.5	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	4423360	80.0	86.0	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	1286330	80.0	81.7	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	81	383644	80.0	95.1	
95 Bromobenzene	156	9.602	9.602	0.000	95	1070509	80.0	81.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	86	450076	80.0	78.6	
98 N-Propylbenzene	120	9.661	9.661	0.000	98	1175034	80.0	87.8	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	1007769	80.0	84.8	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	95	3486447	80.0	88.0	
102 4-Chlorotoluene	126	9.875	9.874	0.001	97	1036611	80.0	83.5	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	3111646	80.0	89.5	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	3471163	80.0	88.5	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	4331265	80.0	87.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	95	1968570	80.0	80.3	
108 4-Isopropyltoluene	119	10.468	10.467	0.001	96	3624255	80.0	89.6	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	95	1967601	80.0	77.9	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	3029484	80.0	86.8	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	98	1835247	80.0	80.2	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	88	332032	80.0	93.8	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	94	1063707	80.0	85.9	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	390600	80.0	89.5	
118 Naphthalene	128	12.685	12.697	-0.012	98	3809543	80.0	97.2	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	1064883	80.0	89.0	
S 125 Trihalomethanes, Total	1				0		320.0	355.1	
S 124 Total BTEX	1				0		400.0	416.4	
S 126 1,2-Dichloroethene, Total	96				0			161.8	
S 127 1,3-Dichloropropene, Total	75				0			188.4	
S 128 Xylenes, Total	106				0		160.0	172.1	

QC Flag Legend

Processing Flags

Reagents:

vm50is_stk_A_00011	Amount Added:	2.00	Units: uL
vmrgas_00424	Amount Added:	64.00	Units: uL
vmarolistdw_00435	Amount Added:	64.00	Units: uL
vmrprimw_00479	Amount Added:	64.00	Units: uL
vm50ss_stk_00091	Amount Added:	64.00	Units: uL

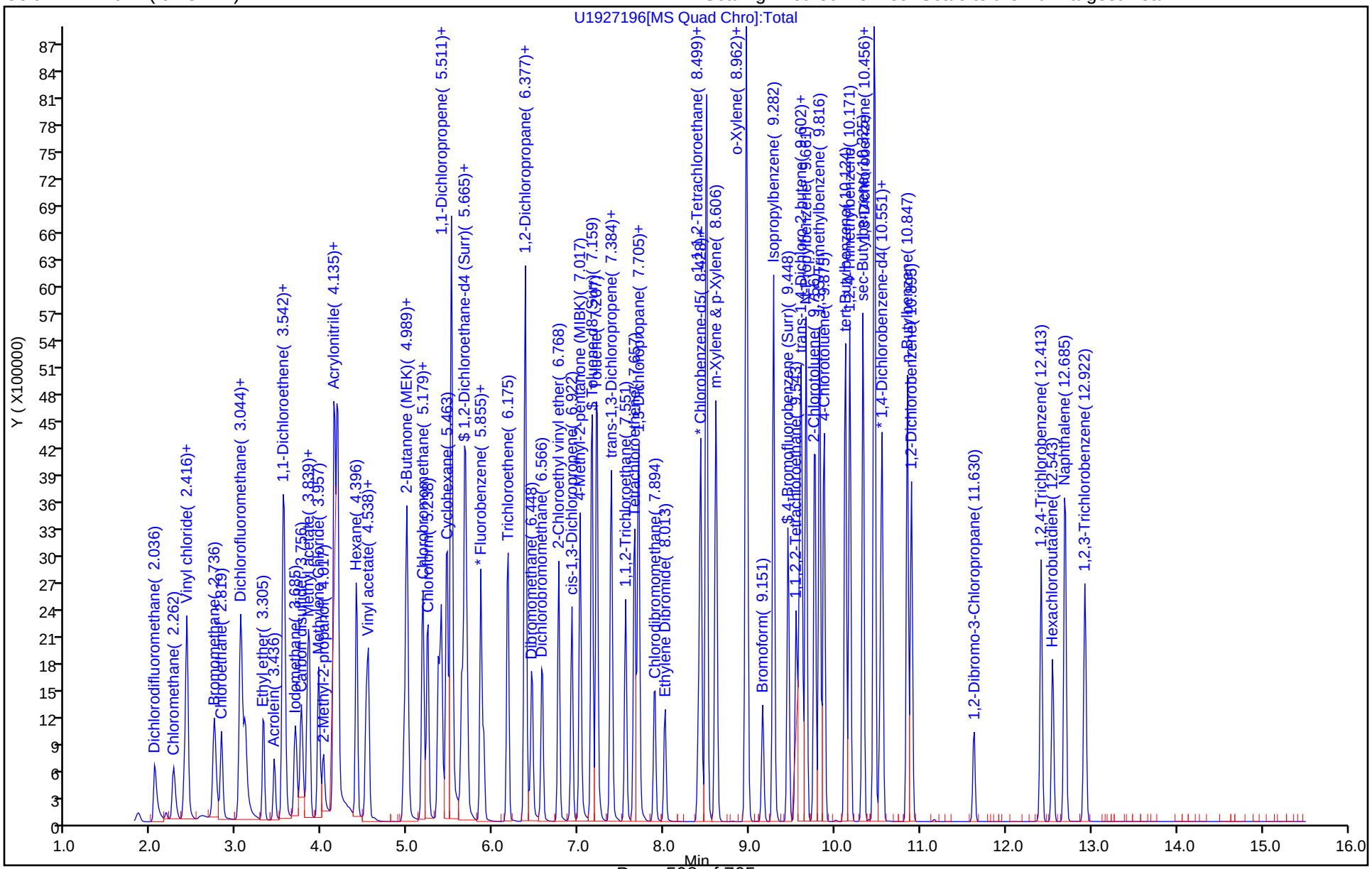
Report Date: 02-May-2022 09:05:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927196.D

Injection Date:	29-Apr-2022 13:44:07	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	std8260 L8			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Calibration / Dichlorodifluoromethane

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

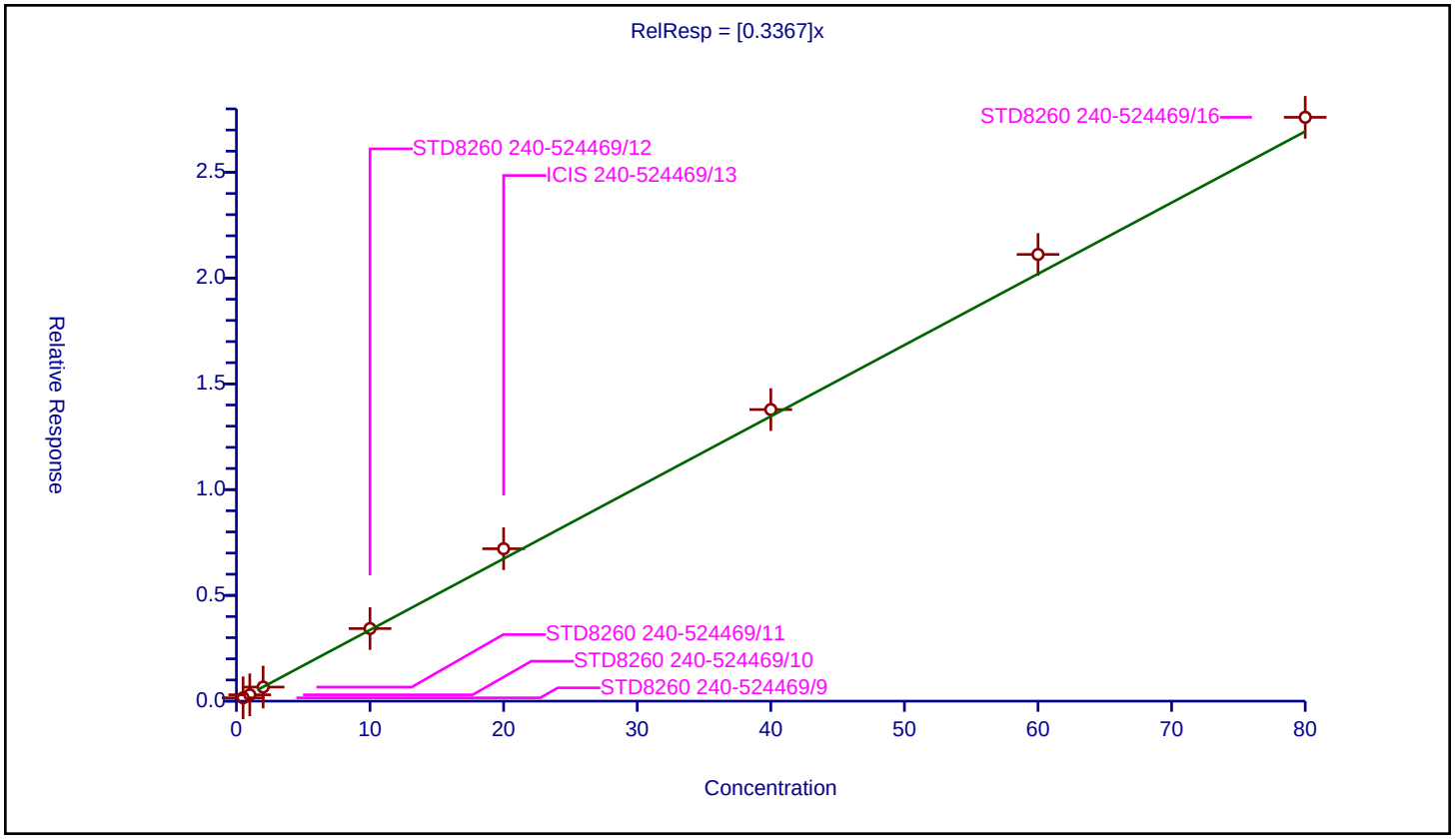
Curve Coefficients

Intercept:	0
Slope:	0.3367

Error Coefficients

Standard Error:	612000
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	STD8260 240-524469/9	0.5	0.157996	20.0	727359.0	0.315993	Y
2	STD8260 240-524469/10	1.0	0.299764	20.0	704554.0	0.299764	Y
3	STD8260 240-524469/11	2.0	0.665126	20.0	757480.0	0.332563	Y
4	STD8260 240-524469/12	10.0	3.43151	20.0	733543.0	0.343151	Y
5	ICIS 240-524469/13	20.0	7.204208	20.0	768809.0	0.36021	Y
6	STD8260 240-524469/14	40.0	13.784522	20.0	823277.0	0.344613	Y
7	STD8260 240-524469/15	60.0	21.118377	20.0	825750.0	0.351973	Y
8	STD8260 240-524469/16	80.0	27.6027	20.0	870688.0	0.345034	Y



Calibration / Chloromethane

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

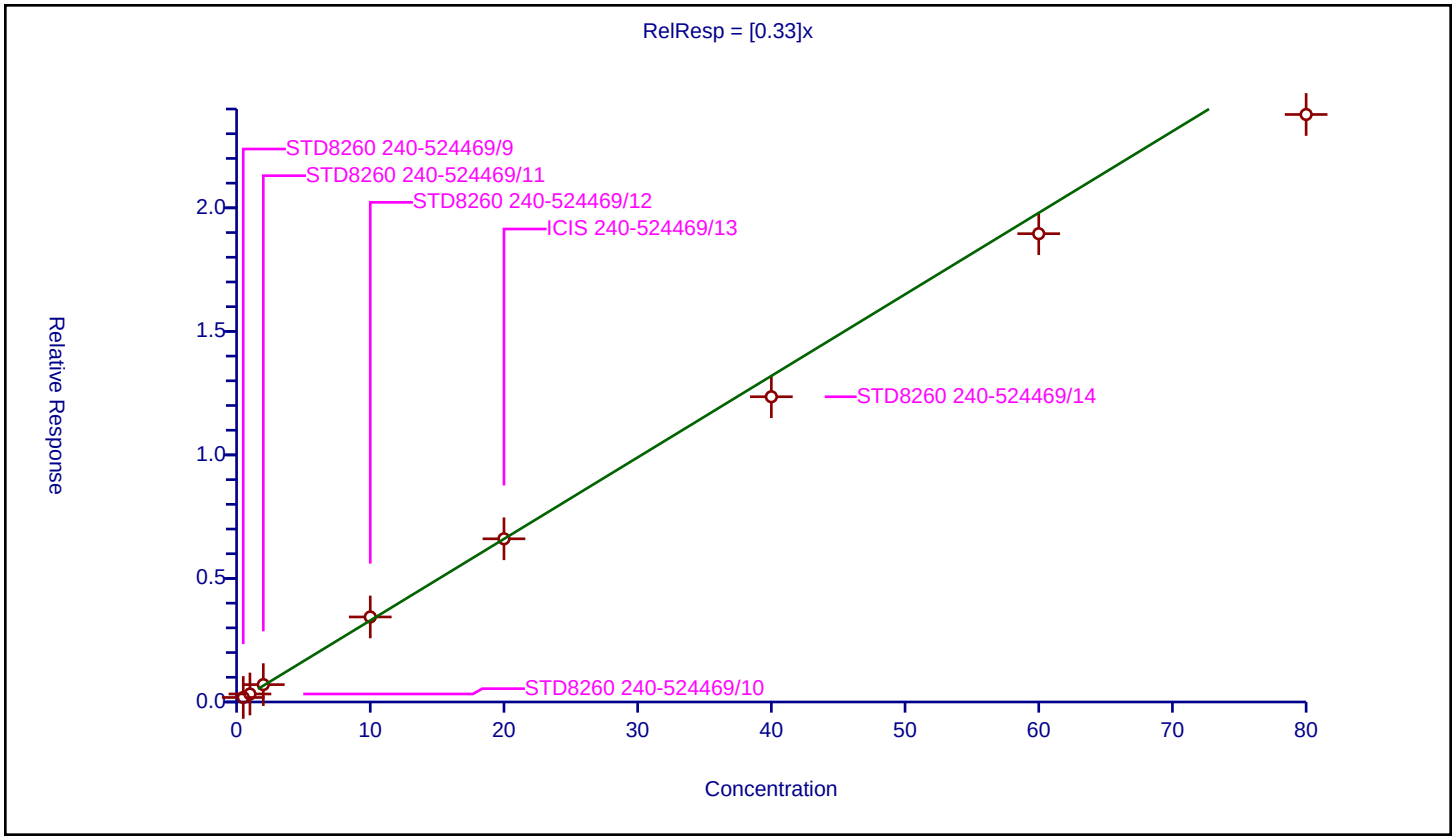
Curve Coefficients

Intercept:	0
Slope:	0.33

Error Coefficients

Standard Error:	538000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.183431	20.0	727359.0	0.366861	Y
2	STD8260 240-524469/10	1.0	0.324574	20.0	704554.0	0.324574	Y
3	STD8260 240-524469/11	2.0	0.703623	20.0	757480.0	0.351811	Y
4	STD8260 240-524469/12	10.0	3.441189	20.0	733543.0	0.344119	Y
5	ICIS 240-524469/13	20.0	6.605152	20.0	768809.0	0.330258	Y
6	STD8260 240-524469/14	40.0	12.354092	20.0	823277.0	0.308852	Y
7	STD8260 240-524469/15	60.0	18.95472	20.0	825750.0	0.315912	Y
8	STD8260 240-524469/16	80.0	23.778231	20.0	870688.0	0.297228	Y



Calibration / Vinyl chloride

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

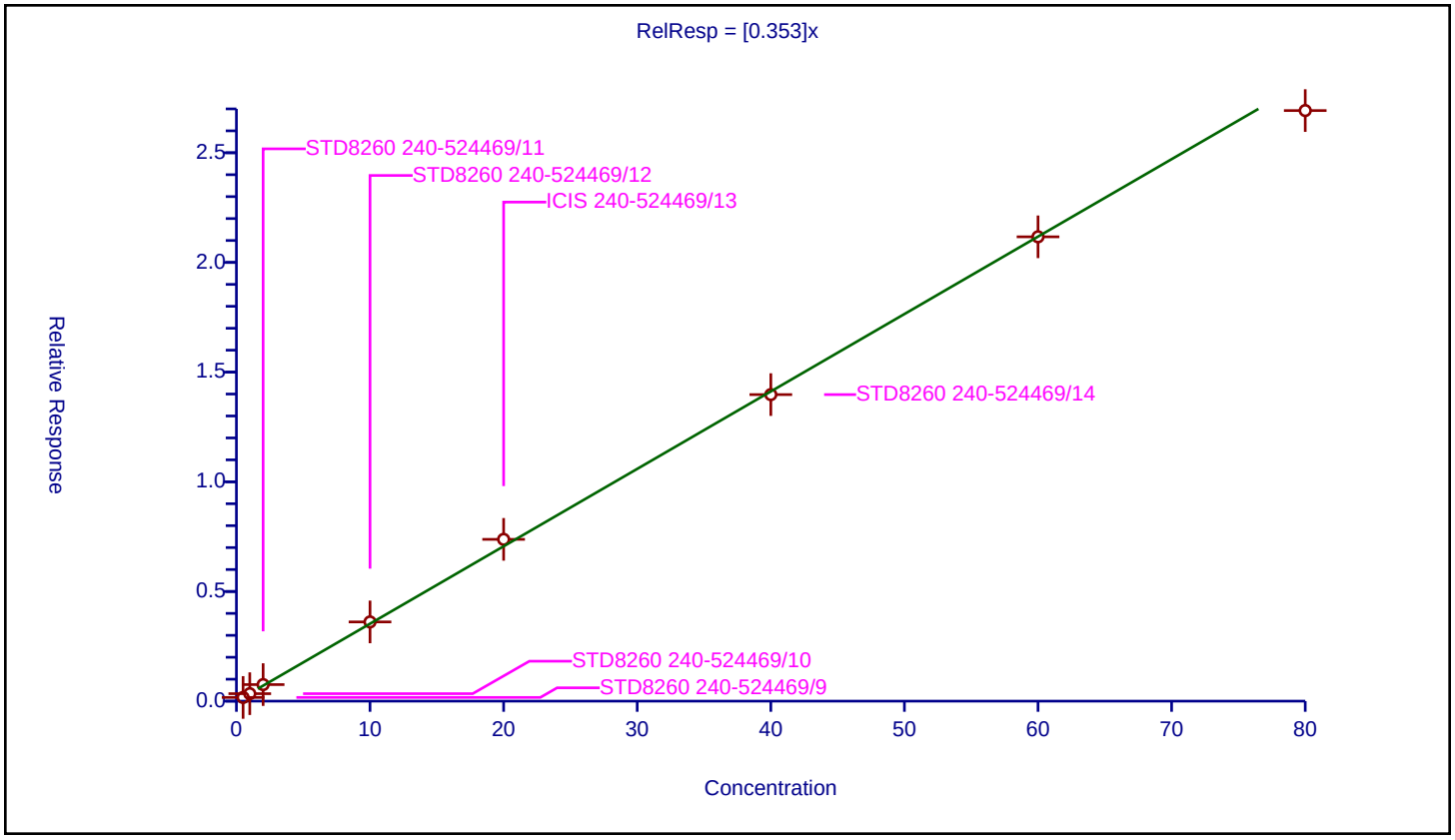
Curve Coefficients

Intercept:	0
Slope:	0.353

Error Coefficients

Standard Error:	606000
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	STD8260 240-524469/9	0.5	0.168775	20.0	727359.0	0.33755	Y
2	STD8260 240-524469/10	1.0	0.340272	20.0	704554.0	0.340272	Y
3	STD8260 240-524469/11	2.0	0.75437	20.0	757480.0	0.377185	Y
4	STD8260 240-524469/12	10.0	3.611131	20.0	733543.0	0.361113	Y
5	ICIS 240-524469/13	20.0	7.375642	20.0	768809.0	0.368782	Y
6	STD8260 240-524469/14	40.0	13.974762	20.0	823277.0	0.349369	Y
7	STD8260 240-524469/15	60.0	21.168271	20.0	825750.0	0.352805	Y
8	STD8260 240-524469/16	80.0	26.923536	20.0	870688.0	0.336544	Y



Calibration / Butadiene

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

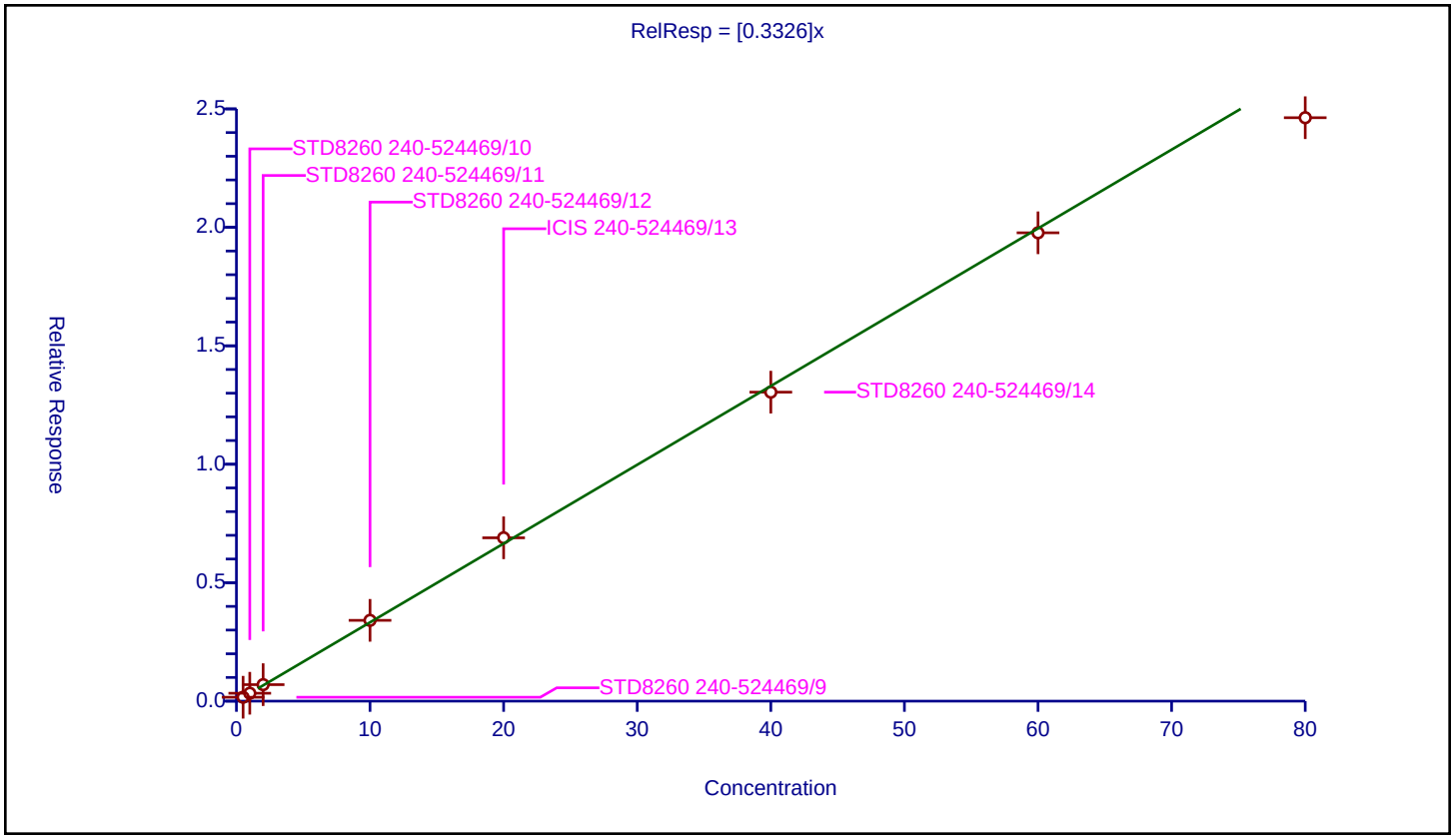
Curve Coefficients

Intercept:	0
Slope:	0.3326

Error Coefficients

Standard Error:	559000
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	STD8260 240-524469/9	0.5	0.164733	20.0	727359.0	0.329466	Y
2	STD8260 240-524469/10	1.0	0.333771	20.0	704554.0	0.333771	Y
3	STD8260 240-524469/11	2.0	0.696177	20.0	757480.0	0.348088	Y
4	STD8260 240-524469/12	10.0	3.410216	20.0	733543.0	0.341022	Y
5	ICIS 240-524469/13	20.0	6.895133	20.0	768809.0	0.344757	Y
6	STD8260 240-524469/14	40.0	13.043119	20.0	823277.0	0.326078	Y
7	STD8260 240-524469/15	60.0	19.769785	20.0	825750.0	0.329496	Y
8	STD8260 240-524469/16	80.0	24.628202	20.0	870688.0	0.307853	Y



Calibration / Bromomethane

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

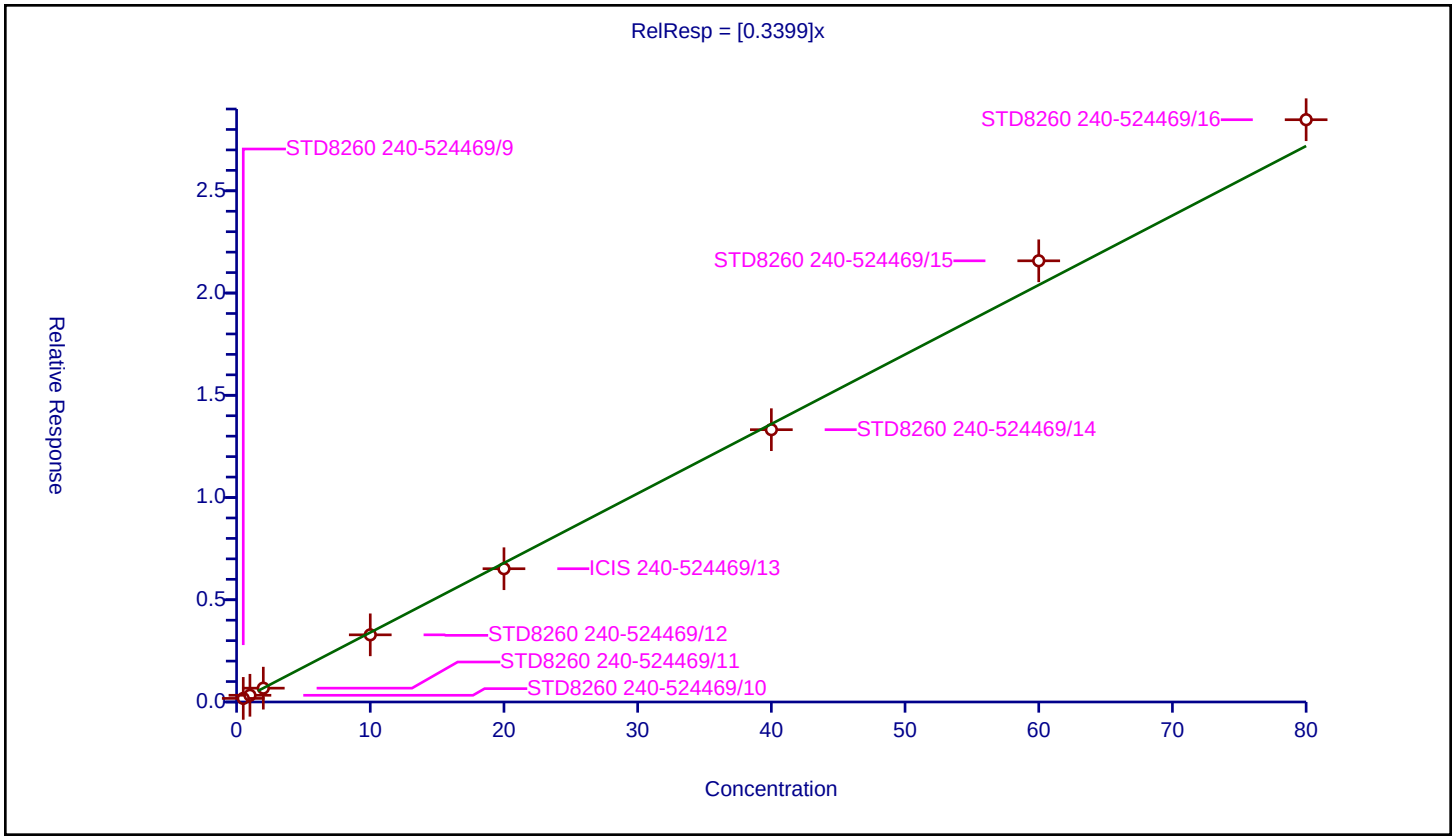
Curve Coefficients

Intercept:	0
Slope:	0.3399

Error Coefficients

Standard Error:	622000
Relative Standard Error:	4.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.175374	20.0	727359.0	0.350748	Y
2	STD8260 240-524469/10	1.0	0.327384	20.0	704554.0	0.327384	Y
3	STD8260 240-524469/11	2.0	0.676242	20.0	757480.0	0.338121	Y
4	STD8260 240-524469/12	10.0	3.284606	20.0	733543.0	0.328461	Y
5	ICIS 240-524469/13	20.0	6.51803	20.0	768809.0	0.325901	Y
6	STD8260 240-524469/14	40.0	13.317972	20.0	823277.0	0.332949	Y
7	STD8260 240-524469/15	60.0	21.577305	20.0	825750.0	0.359622	Y
8	STD8260 240-524469/16	80.0	28.477204	20.0	870688.0	0.355965	Y



Calibration / Chloroethane

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

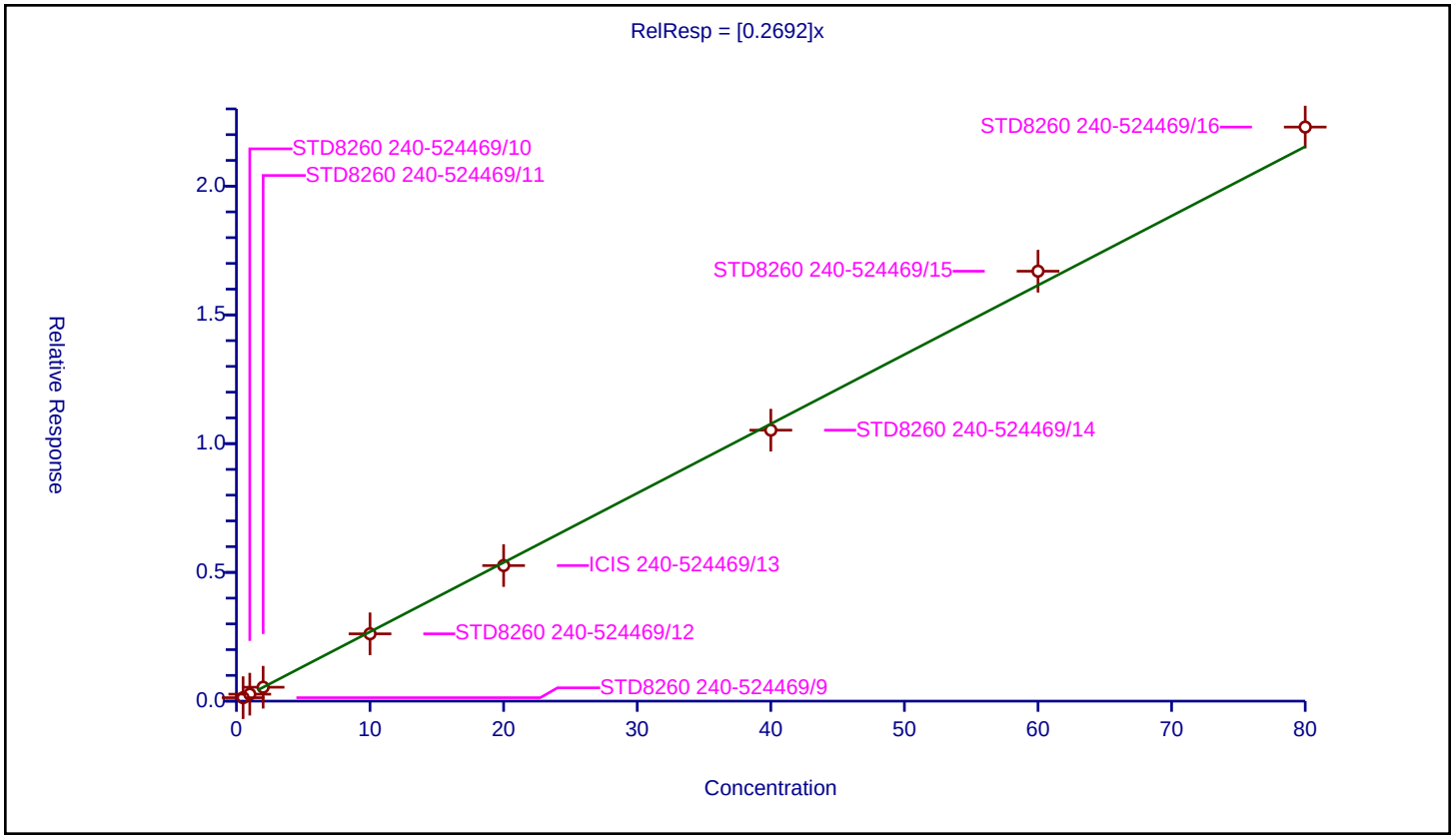
Curve Coefficients

Intercept:	0
Slope:	0.2692

Error Coefficients

Standard Error:	486000
Relative Standard Error:	2.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.133717	20.0	727359.0	0.267433	Y
2	STD8260 240-524469/10	1.0	0.270753	20.0	704554.0	0.270753	Y
3	STD8260 240-524469/11	2.0	0.540899	20.0	757480.0	0.270449	Y
4	STD8260 240-524469/12	10.0	2.614543	20.0	733543.0	0.261454	Y
5	ICIS 240-524469/13	20.0	5.265469	20.0	768809.0	0.263273	Y
6	STD8260 240-524469/14	40.0	10.524137	20.0	823277.0	0.263103	Y
7	STD8260 240-524469/15	60.0	16.696942	20.0	825750.0	0.278282	Y
8	STD8260 240-524469/16	80.0	22.294461	20.0	870688.0	0.278681	Y



Calibration / Dichlorofluoromethane

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

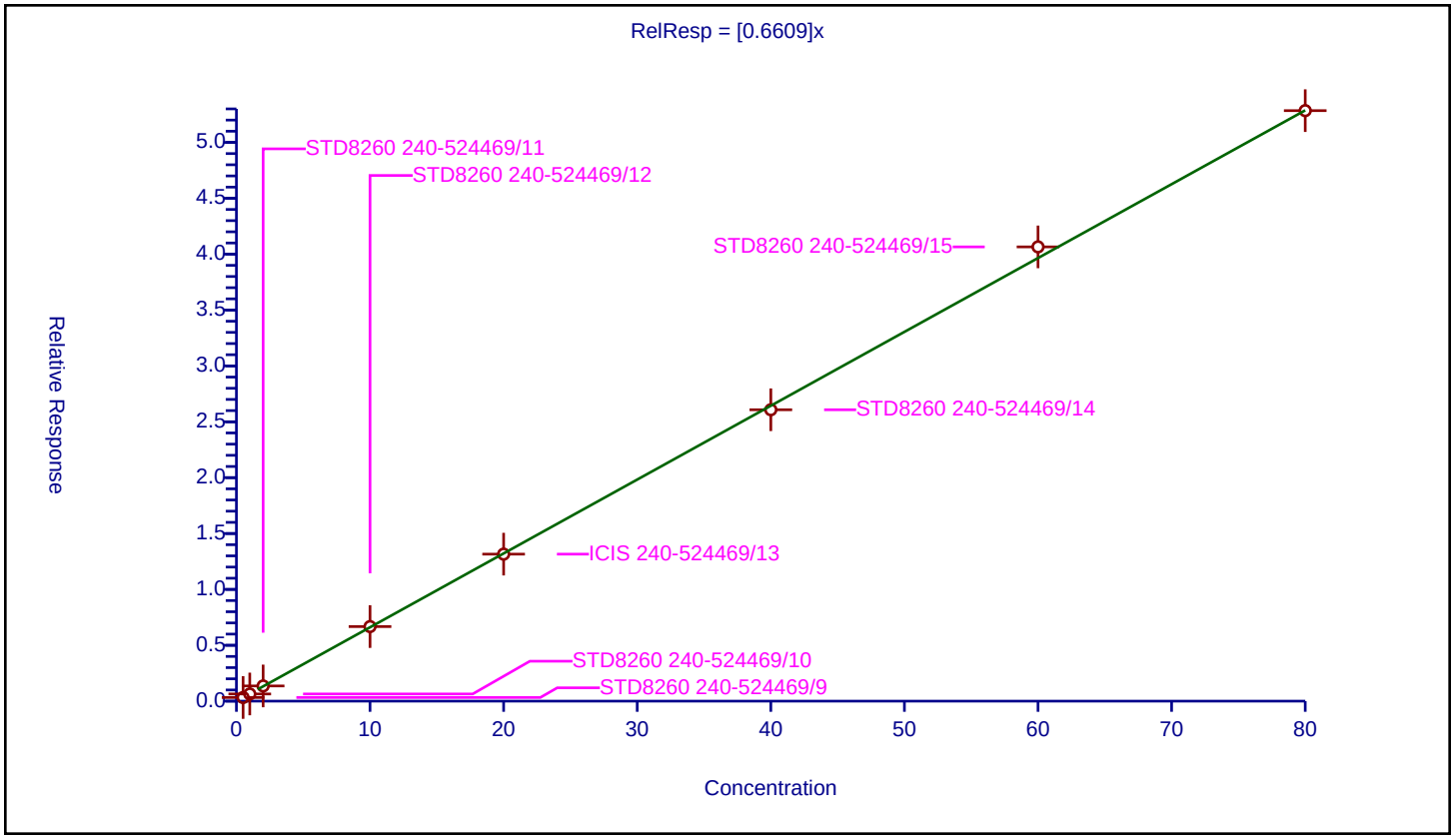
Curve Coefficients

Intercept:	0
Slope:	0.6609

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.325149	20.0	727359.0	0.650298	Y
2	STD8260 240-524469/10	1.0	0.642364	20.0	704554.0	0.642364	Y
3	STD8260 240-524469/11	2.0	1.358874	20.0	757480.0	0.679437	Y
4	STD8260 240-524469/12	10.0	6.671838	20.0	733543.0	0.667184	Y
5	ICIS 240-524469/13	20.0	13.156272	20.0	768809.0	0.657814	Y
6	STD8260 240-524469/14	40.0	26.076521	20.0	823277.0	0.651913	Y
7	STD8260 240-524469/15	60.0	40.651989	20.0	825750.0	0.677533	Y
8	STD8260 240-524469/16	80.0	52.842396	20.0	870688.0	0.66053	Y



Calibration / Trichlorofluoromethane

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

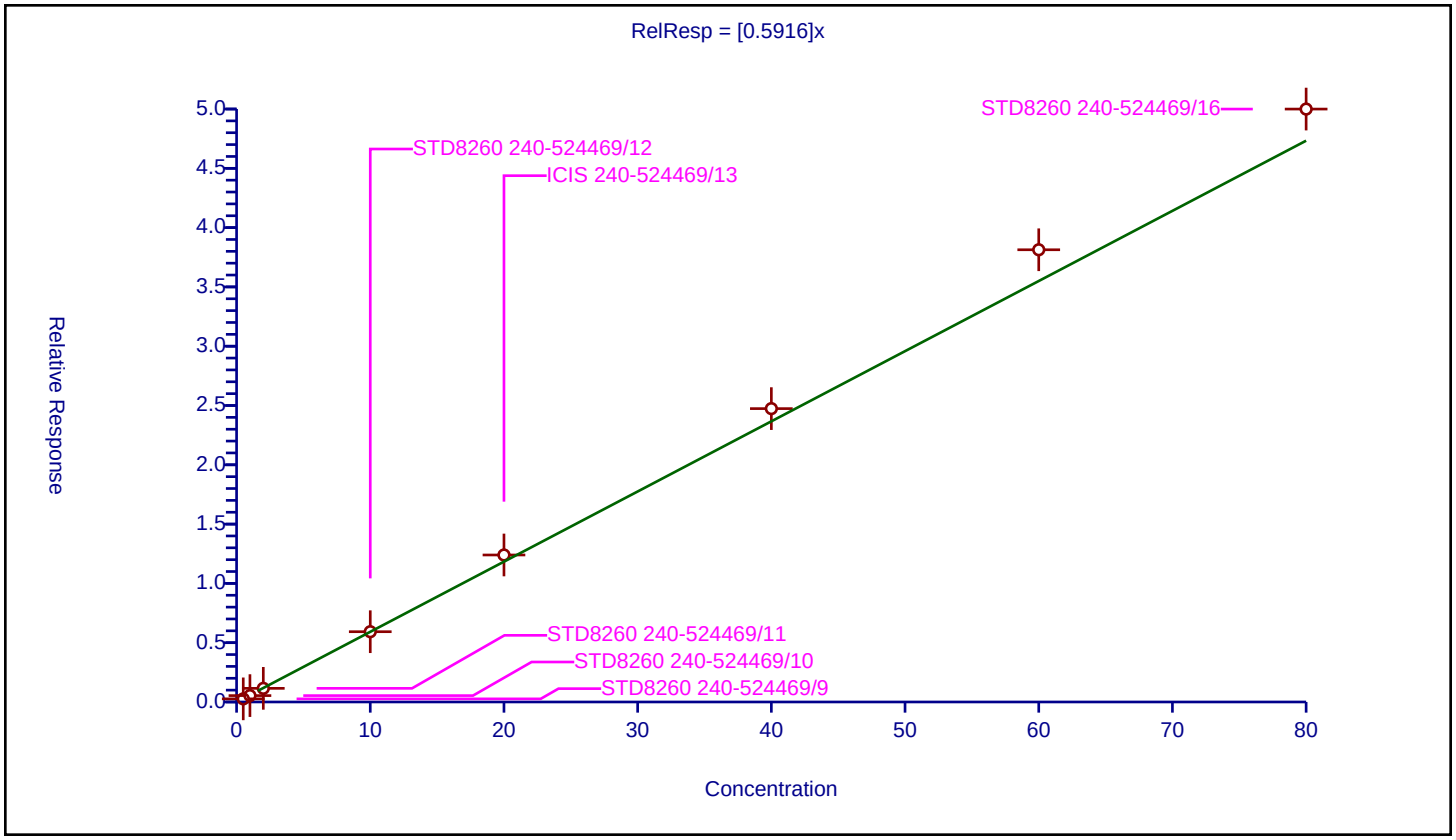
Curve Coefficients

Intercept:	0
Slope:	0.5916

Error Coefficients

Standard Error:	1100000
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	STD8260 240-524469/9	0.5	0.263749	20.0	727359.0	0.527497	Y
2	STD8260 240-524469/10	1.0	0.539093	20.0	704554.0	0.539093	Y
3	STD8260 240-524469/11	2.0	1.149997	20.0	757480.0	0.574999	Y
4	STD8260 240-524469/12	10.0	5.926224	20.0	733543.0	0.592622	Y
5	ICIS 240-524469/13	20.0	12.394392	20.0	768809.0	0.61972	Y
6	STD8260 240-524469/14	40.0	24.737652	20.0	823277.0	0.618441	Y
7	STD8260 240-524469/15	60.0	38.132583	20.0	825750.0	0.635543	Y
8	STD8260 240-524469/16	80.0	49.99536	20.0	870688.0	0.624942	Y



Calibration / Ethyl ether

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

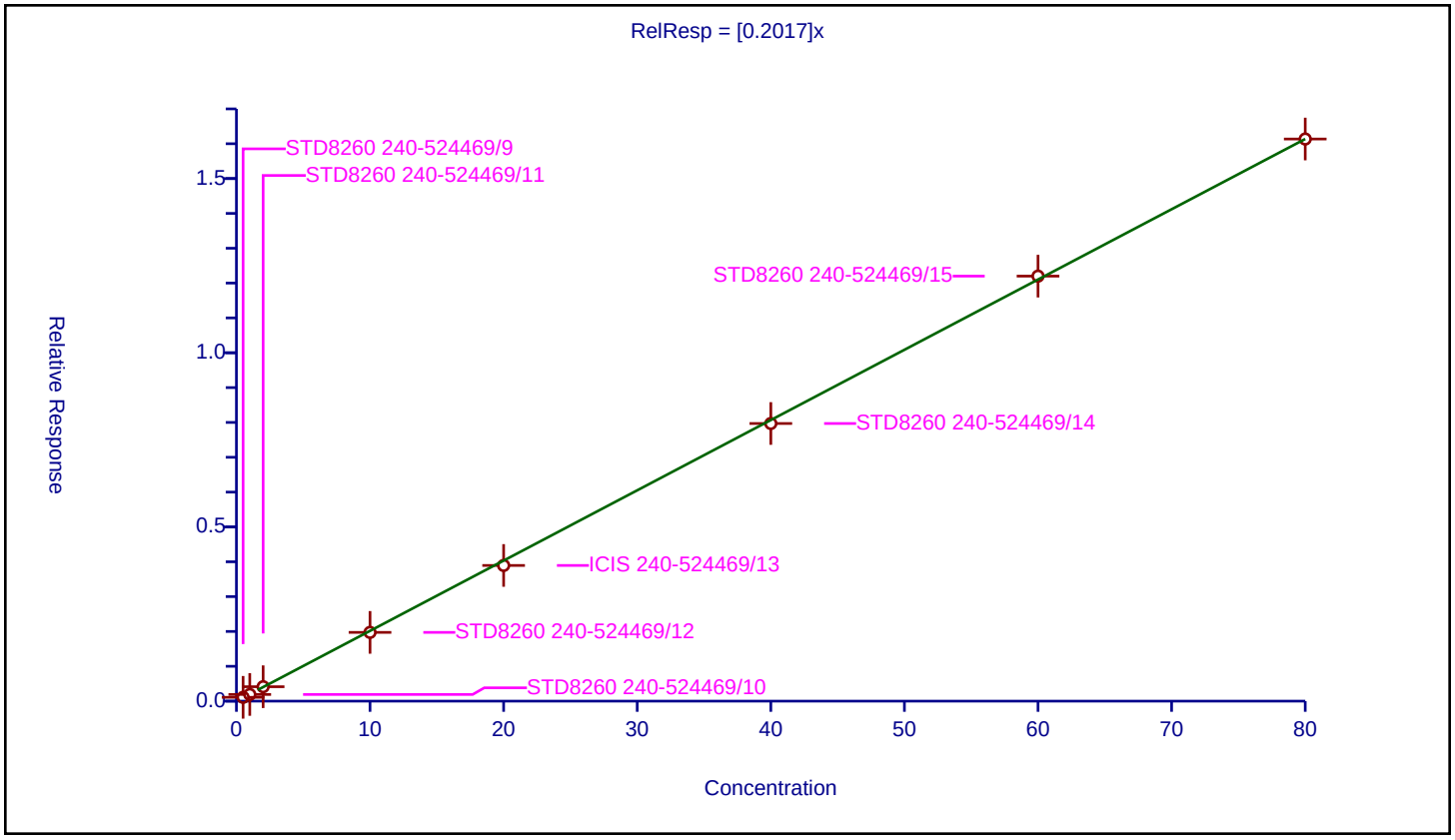
Curve Coefficients

Intercept:	0
Slope:	0.2017

Error Coefficients

Standard Error:	355000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.109437	20.0	727359.0	0.218874	Y
2	STD8260 240-524469/10	1.0	0.191383	20.0	704554.0	0.191383	Y
3	STD8260 240-524469/11	2.0	0.413978	20.0	757480.0	0.206989	Y
4	STD8260 240-524469/12	10.0	1.973381	20.0	733543.0	0.197338	Y
5	ICIS 240-524469/13	20.0	3.894934	20.0	768809.0	0.194747	Y
6	STD8260 240-524469/14	40.0	7.969711	20.0	823277.0	0.199243	Y
7	STD8260 240-524469/15	60.0	12.199818	20.0	825750.0	0.20333	Y
8	STD8260 240-524469/16	80.0	16.134965	20.0	870688.0	0.201687	Y



Calibration / Acrolein

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

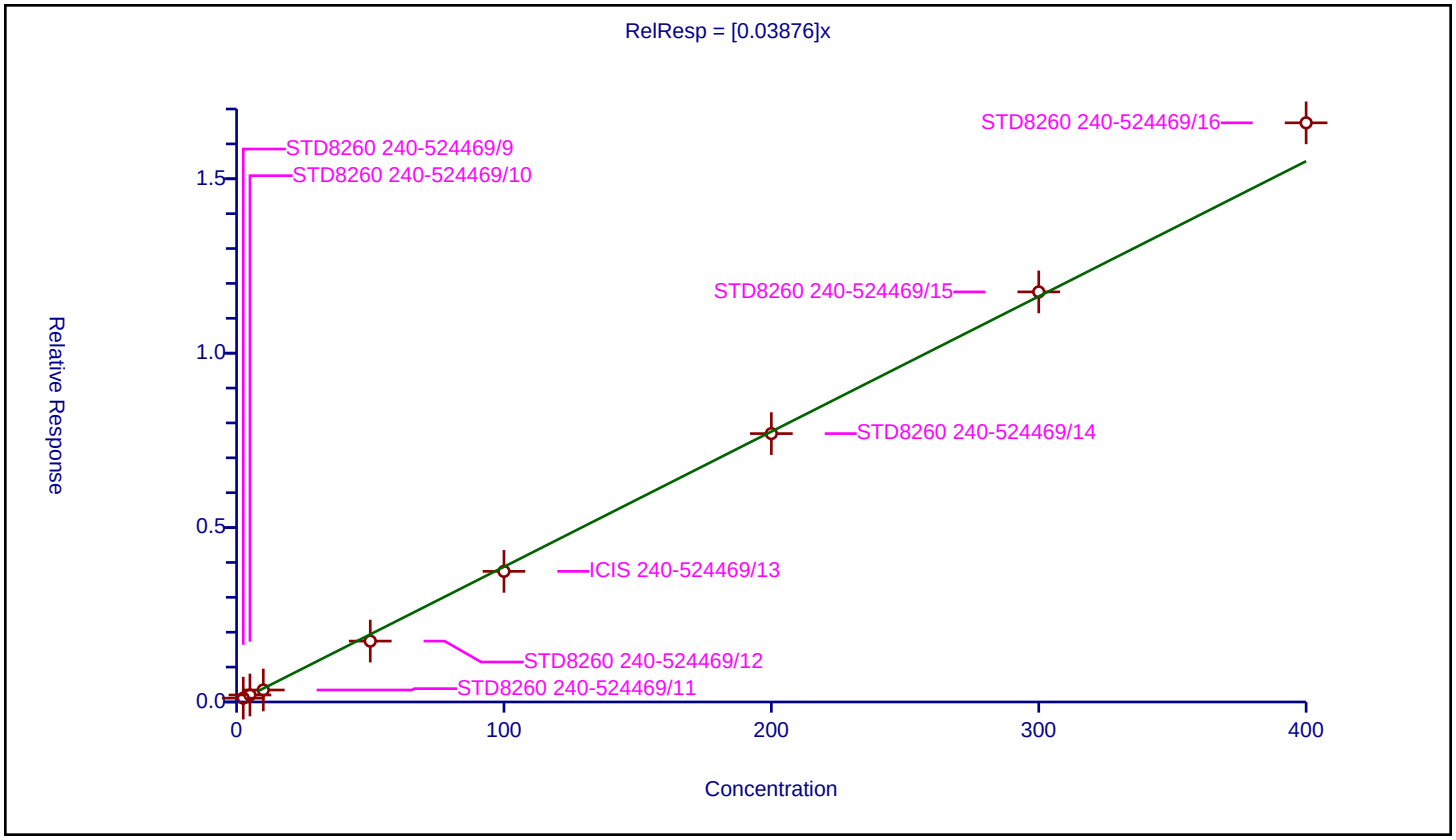
Curve Coefficients

Intercept:	0
Slope:	0.03876

Error Coefficients

Standard Error:	355000
Relative Standard Error:	8.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	2.5	0.110097	20.0	727359.0	0.044039	Y
2	STD8260 240-524469/10	5.0	0.200723	20.0	704554.0	0.040145	Y
3	STD8260 240-524469/11	10.0	0.343507	20.0	757480.0	0.034351	Y
4	STD8260 240-524469/12	50.0	1.746074	20.0	733543.0	0.034921	Y
5	ICIS 240-524469/13	100.0	3.744597	20.0	768809.0	0.037446	Y
6	STD8260 240-524469/14	200.0	7.694761	20.0	823277.0	0.038474	Y
7	STD8260 240-524469/15	300.0	11.757142	20.0	825750.0	0.03919	Y
8	STD8260 240-524469/16	400.0	16.604226	20.0	870688.0	0.041511	Y



Calibration / 1,1-Dichloroethene

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

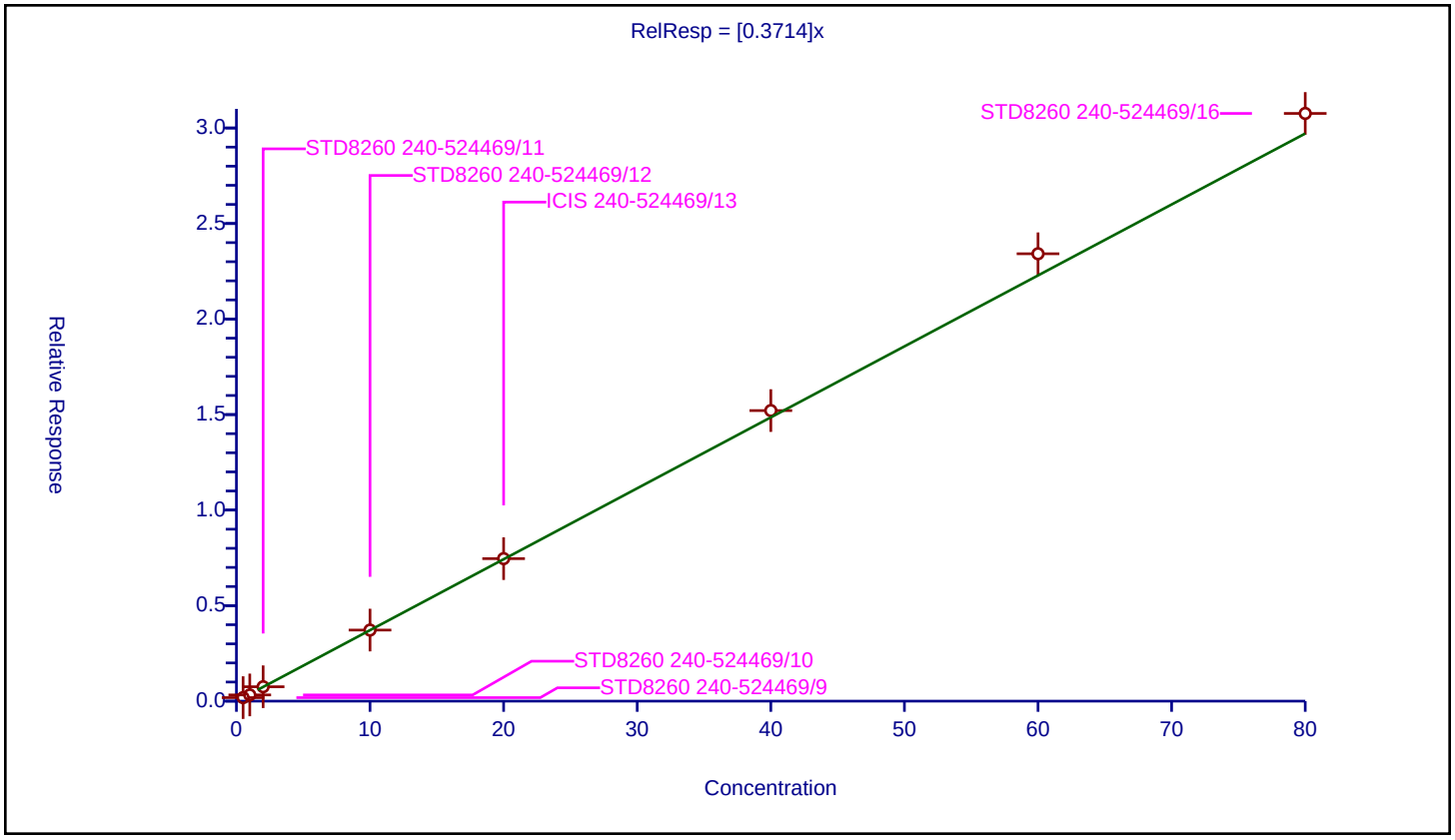
Curve Coefficients

Intercept:	0
Slope:	0.3714

Error Coefficients

Standard Error:	678000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.184173	20.0	727359.0	0.368346	Y
2	STD8260 240-524469/10	1.0	0.325624	20.0	704554.0	0.325624	Y
3	STD8260 240-524469/11	2.0	0.753947	20.0	757480.0	0.376974	Y
4	STD8260 240-524469/12	10.0	3.719782	20.0	733543.0	0.371978	Y
5	ICIS 240-524469/13	20.0	7.459408	20.0	768809.0	0.37297	Y
6	STD8260 240-524469/14	40.0	15.209316	20.0	823277.0	0.380233	Y
7	STD8260 240-524469/15	60.0	23.417475	20.0	825750.0	0.390291	Y
8	STD8260 240-524469/16	80.0	30.761168	20.0	870688.0	0.384515	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

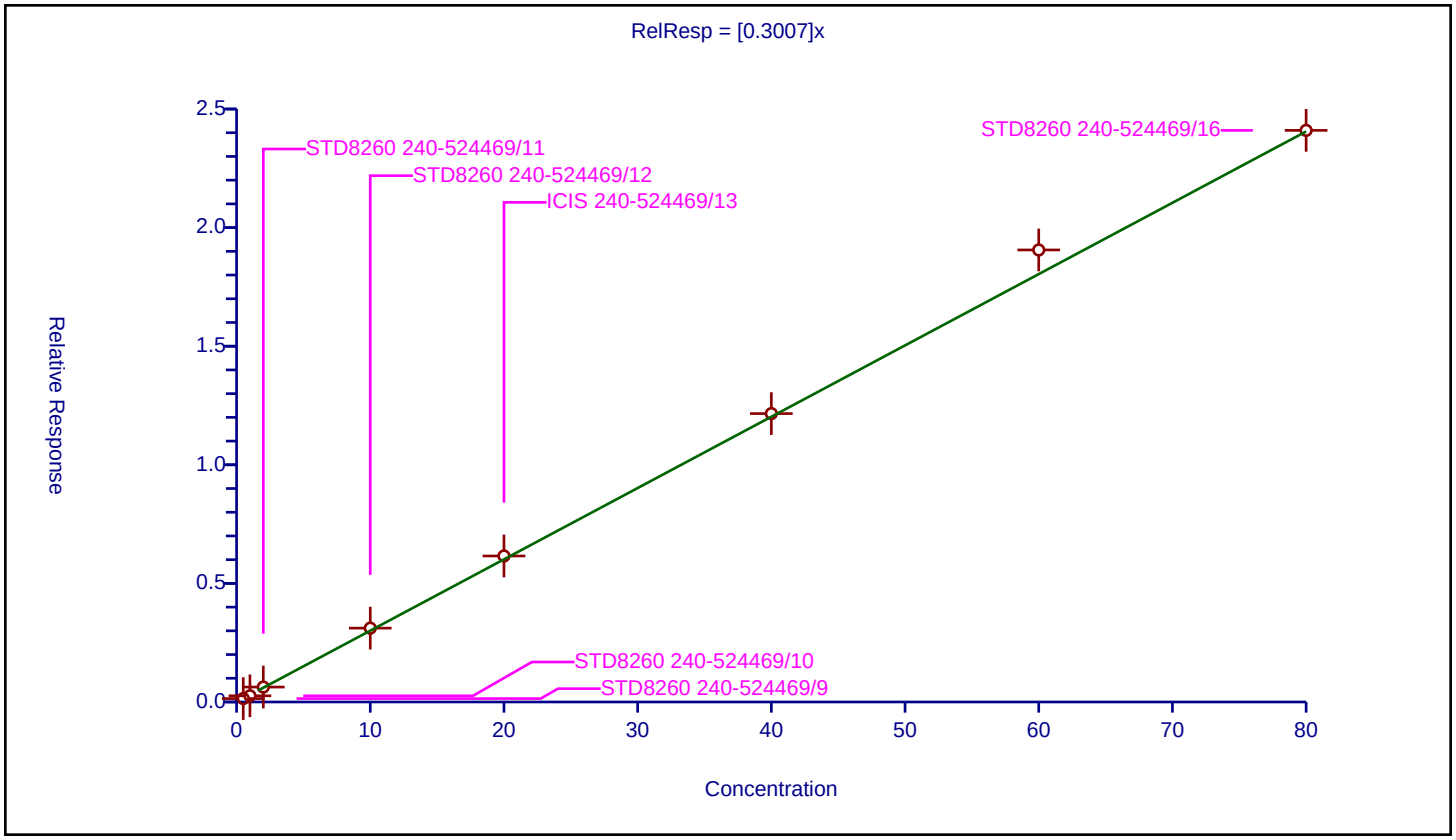
Curve Coefficients

Intercept:	0
Slope:	0.3007

Error Coefficients

Standard Error:	540000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.143478	20.0	727359.0	0.286956	Y
2	STD8260 240-524469/10	1.0	0.261783	20.0	704554.0	0.261783	Y
3	STD8260 240-524469/11	2.0	0.62906	20.0	757480.0	0.31453	Y
4	STD8260 240-524469/12	10.0	3.11341	20.0	733543.0	0.311341	Y
5	ICIS 240-524469/13	20.0	6.156432	20.0	768809.0	0.307822	Y
6	STD8260 240-524469/14	40.0	12.158581	20.0	823277.0	0.303965	Y
7	STD8260 240-524469/15	60.0	19.05819	20.0	825750.0	0.317636	Y
8	STD8260 240-524469/16	80.0	24.099218	20.0	870688.0	0.30124	Y



Calibration / Acetone

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

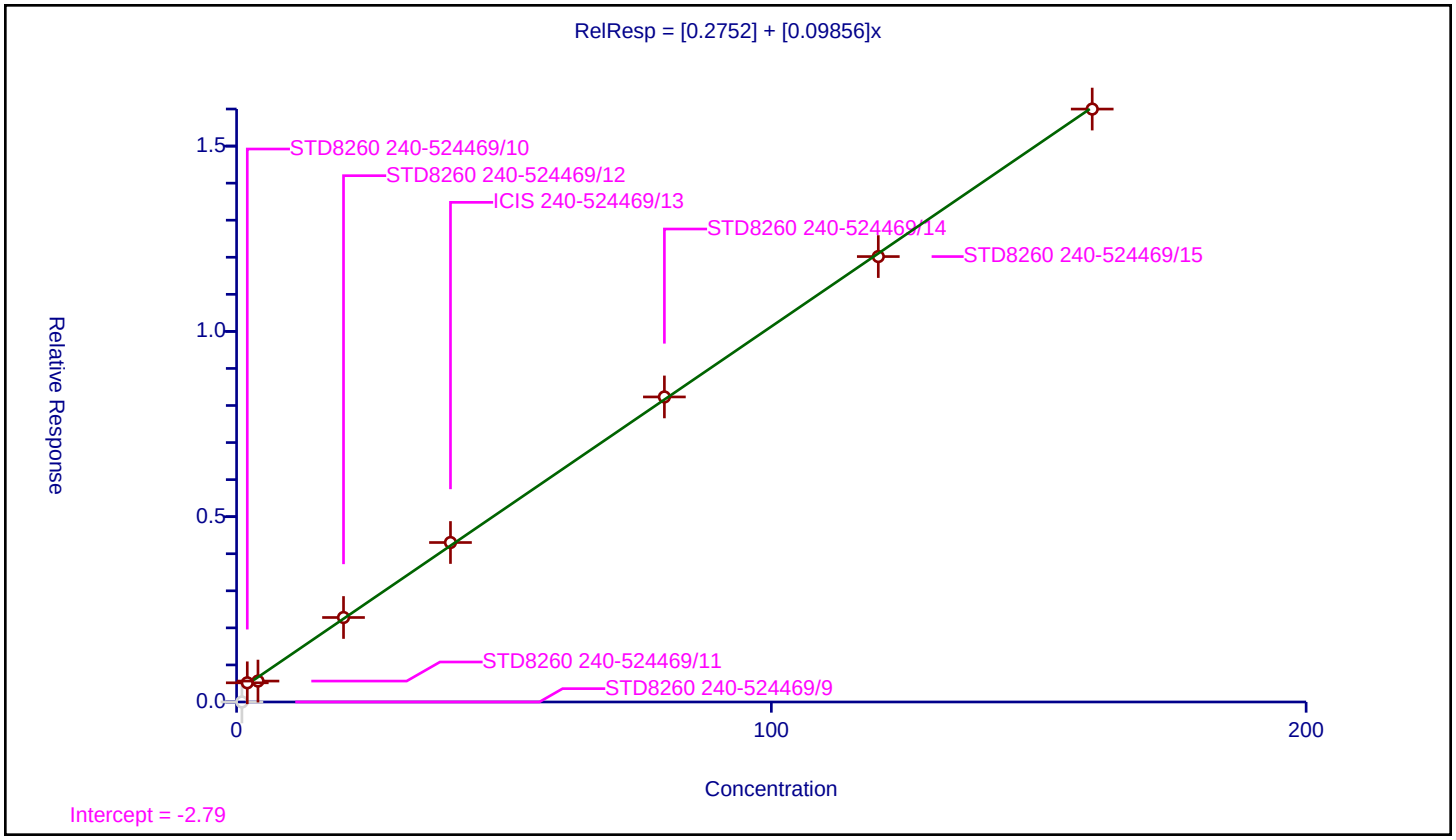
Curve Coefficients

Intercept:	0.2752
Slope:	0.09856

Error Coefficients

Standard Error:	420000
Relative Standard Error:	15.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	2.0	0.51749	20.0	704554.0	0.258745	Y
3	STD8260 240-524469/11	4.0	0.564187	20.0	757480.0	0.141047	Y
4	STD8260 240-524469/12	20.0	2.279675	20.0	733543.0	0.113984	Y
5	ICIS 240-524469/13	40.0	4.303462	20.0	768809.0	0.107587	Y
6	STD8260 240-524469/14	80.0	8.23096	20.0	823277.0	0.102887	Y
7	STD8260 240-524469/15	120.0	12.018892	20.0	825750.0	0.100157	Y
8	STD8260 240-524469/16	160.0	15.998406	20.0	870688.0	0.09999	Y



Calibration / Iodomethane

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

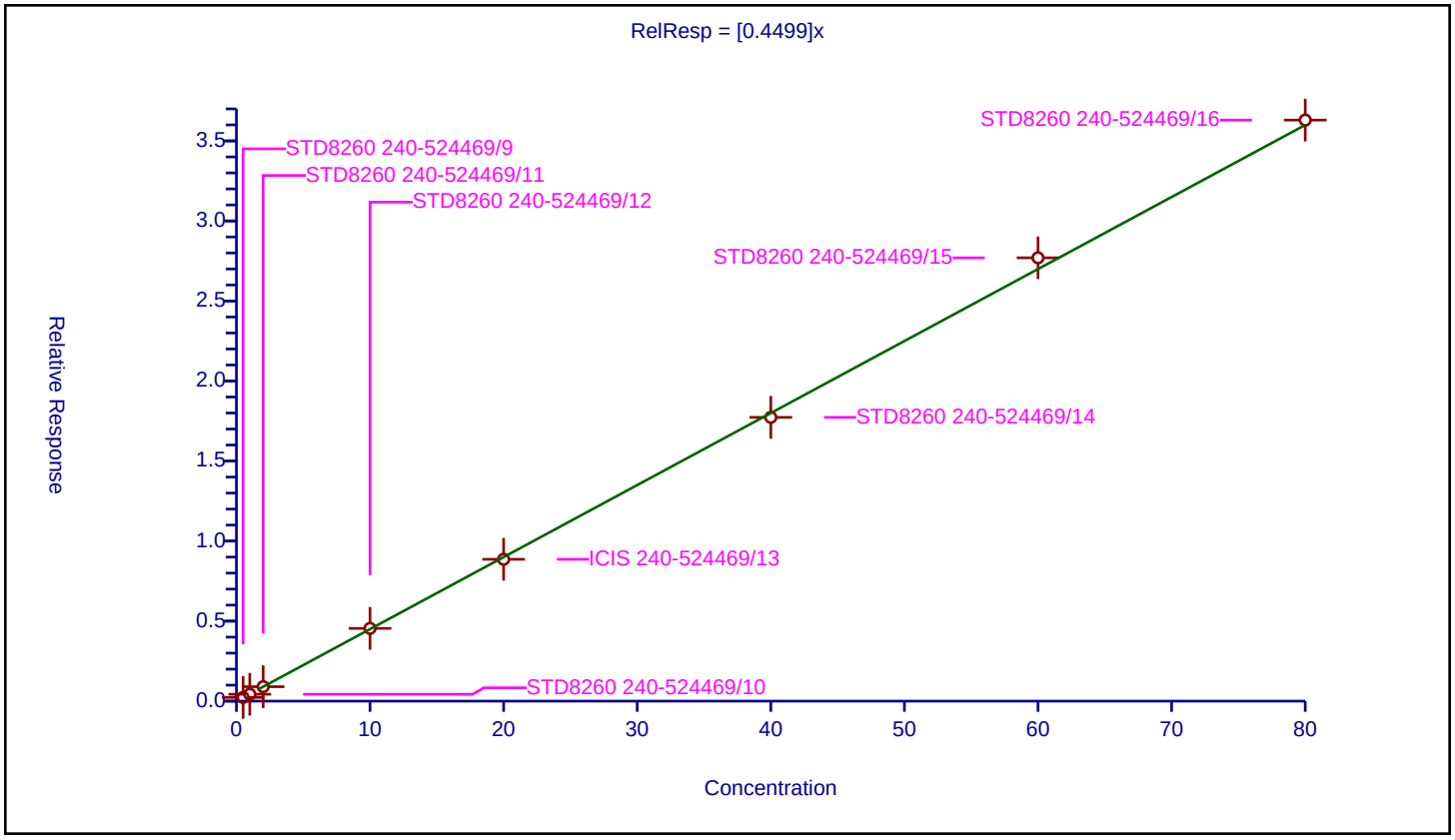
Curve Coefficients

Intercept:	0
Slope:	0.4499

Error Coefficients

Standard Error:	800000
Relative Standard Error:	2.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.230698	20.0	727359.0	0.461395	Y
2	STD8260 240-524469/10	1.0	0.430286	20.0	704554.0	0.430286	Y
3	STD8260 240-524469/11	2.0	0.902994	20.0	757480.0	0.451497	Y
4	STD8260 240-524469/12	10.0	4.545719	20.0	733543.0	0.454572	Y
5	ICIS 240-524469/13	20.0	8.861057	20.0	768809.0	0.443053	Y
6	STD8260 240-524469/14	40.0	17.727836	20.0	823277.0	0.443196	Y
7	STD8260 240-524469/15	60.0	27.696567	20.0	825750.0	0.461609	Y
8	STD8260 240-524469/16	80.0	36.301431	20.0	870688.0	0.453768	Y



Calibration / Carbon disulfide

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

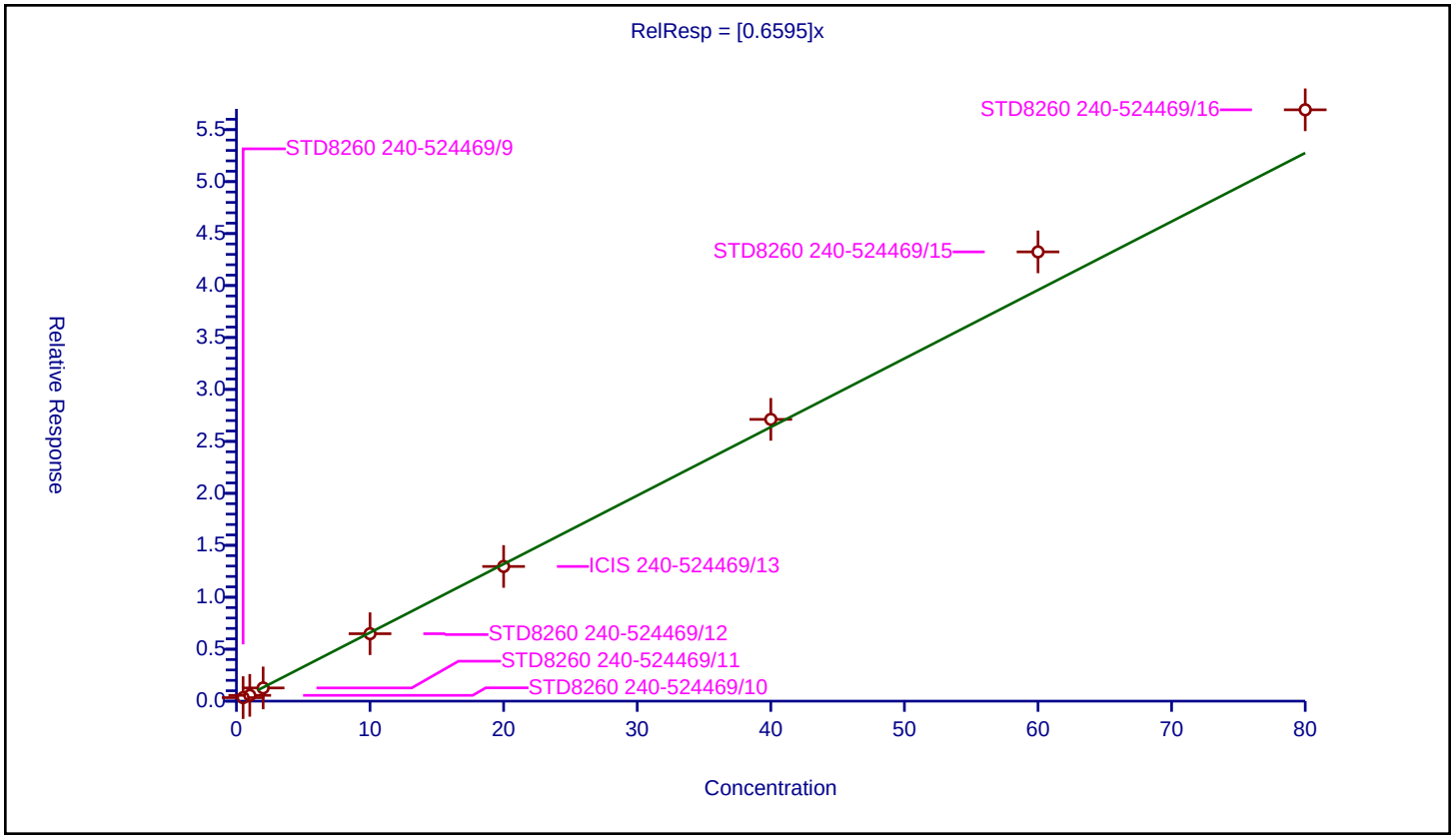
Curve Coefficients

Intercept:	0
Slope:	0.6595

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.338347	20.0	727359.0	0.676695	Y
2	STD8260 240-524469/10	1.0	0.557289	20.0	704554.0	0.557289	Y
3	STD8260 240-524469/11	2.0	1.269129	20.0	757480.0	0.634565	Y
4	STD8260 240-524469/12	10.0	6.48919	20.0	733543.0	0.648919	Y
5	ICIS 240-524469/13	20.0	12.962804	20.0	768809.0	0.64814	Y
6	STD8260 240-524469/14	40.0	27.119912	20.0	823277.0	0.677998	Y
7	STD8260 240-524469/15	60.0	43.239649	20.0	825750.0	0.720661	Y
8	STD8260 240-524469/16	80.0	56.913315	20.0	870688.0	0.711416	Y



Calibration / Methyl acetate

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

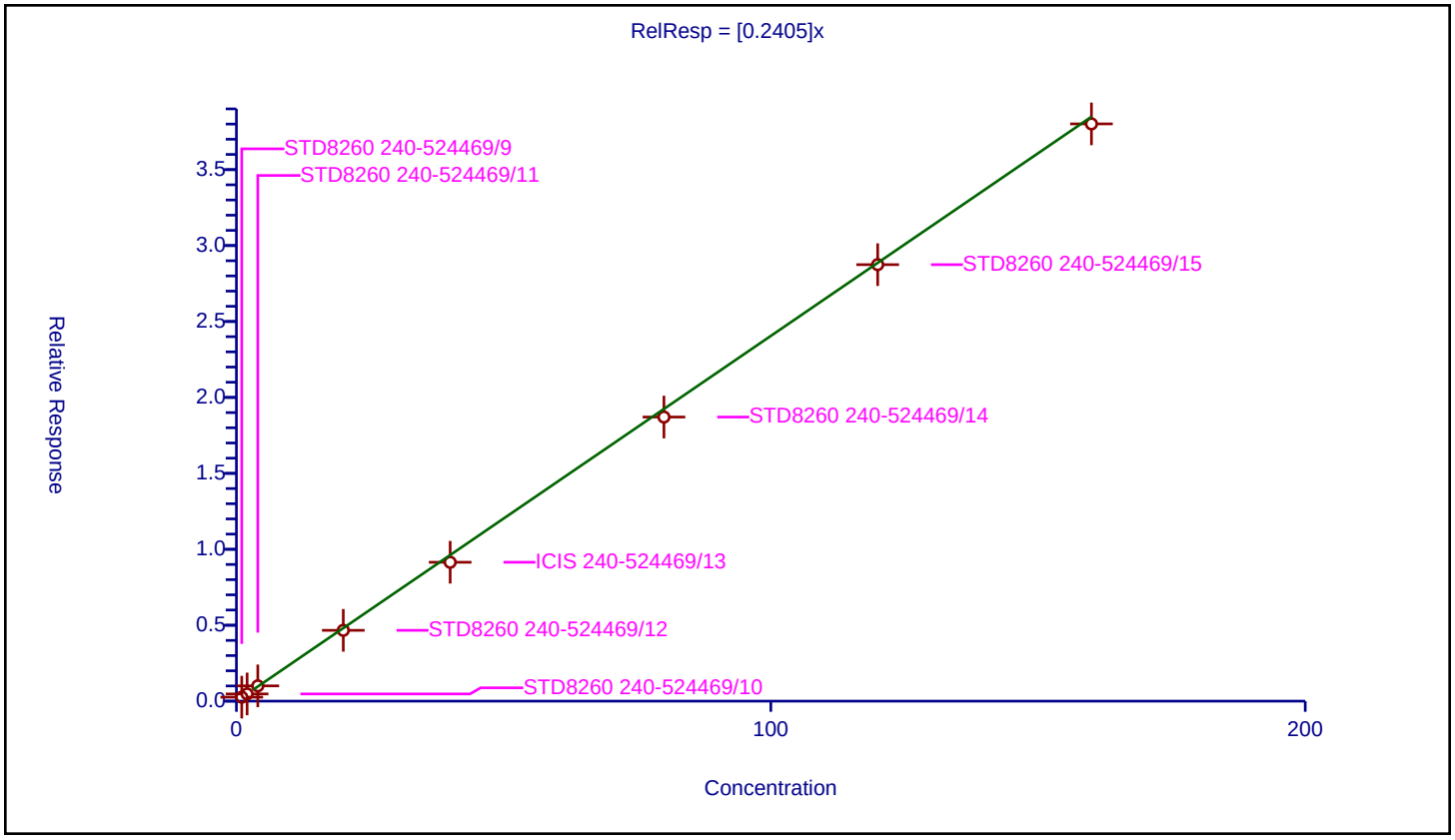
Curve Coefficients

Intercept:	0
Slope:	0.2405

Error Coefficients

Standard Error:	836000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.262731	20.0	727359.0	0.262731	Y
2	STD8260 240-524469/10	2.0	0.47403	20.0	704554.0	0.237015	Y
3	STD8260 240-524469/11	4.0	1.006126	20.0	757480.0	0.251531	Y
4	STD8260 240-524469/12	20.0	4.662985	20.0	733543.0	0.233149	Y
5	ICIS 240-524469/13	40.0	9.145392	20.0	768809.0	0.228635	Y
6	STD8260 240-524469/14	80.0	18.707895	20.0	823277.0	0.233849	Y
7	STD8260 240-524469/15	120.0	28.743857	20.0	825750.0	0.239532	Y
8	STD8260 240-524469/16	160.0	38.012399	20.0	870688.0	0.237577	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

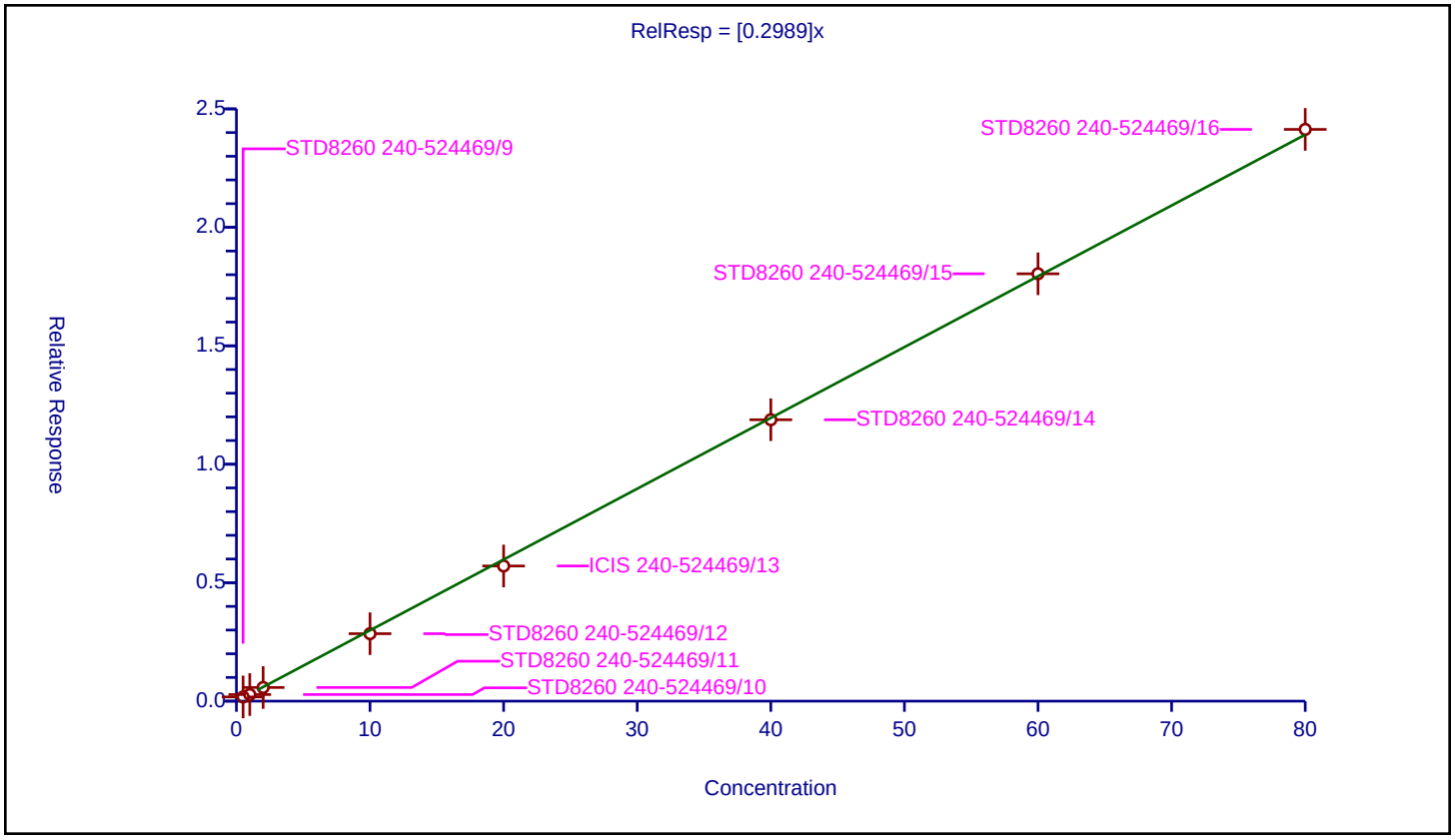
Curve Coefficients

Intercept:	0
Slope:	0.2989

Error Coefficients

Standard Error:	529000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.177491	20.0	727359.0	0.354983	Y
2	STD8260 240-524469/10	1.0	0.278673	20.0	704554.0	0.278673	Y
3	STD8260 240-524469/11	2.0	0.576226	20.0	757480.0	0.288113	Y
4	STD8260 240-524469/12	10.0	2.847413	20.0	733543.0	0.284741	Y
5	ICIS 240-524469/13	20.0	5.705682	20.0	768809.0	0.285284	Y
6	STD8260 240-524469/14	40.0	11.878942	20.0	823277.0	0.296974	Y
7	STD8260 240-524469/15	60.0	18.039503	20.0	825750.0	0.300658	Y
8	STD8260 240-524469/16	80.0	24.13434	20.0	870688.0	0.301679	Y



Calibration / Methylene Chloride

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

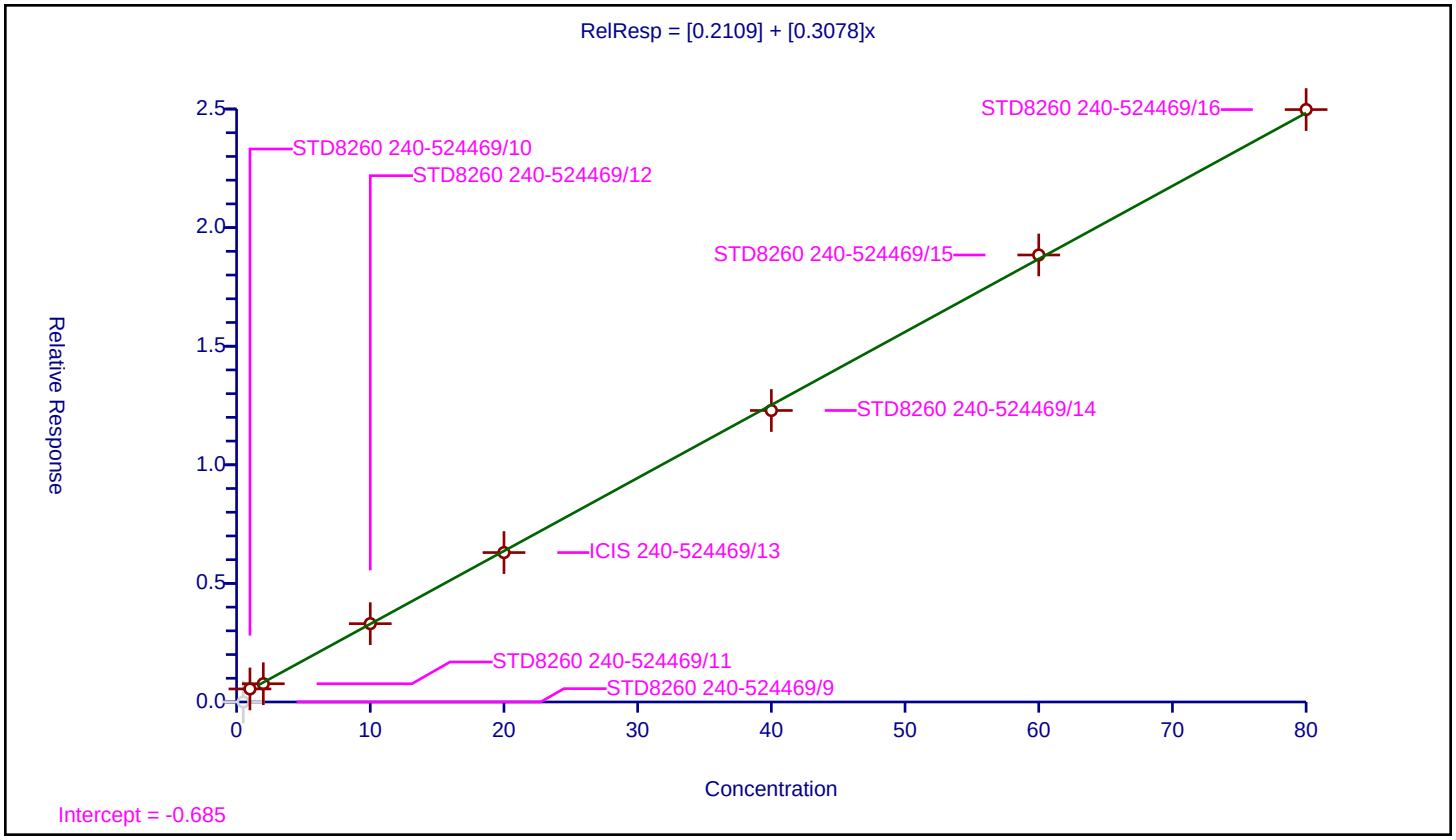
Curve Coefficients

Intercept:	0.2109
Slope:	0.3078

Error Coefficients

Standard Error:	651000
Relative Standard Error:	6.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	1.0	0.550504	20.0	704554.0	0.550504	Y
3	STD8260 240-524469/11	2.0	0.769103	20.0	757480.0	0.384551	Y
4	STD8260 240-524469/12	10.0	3.302847	20.0	733543.0	0.330285	Y
5	ICIS 240-524469/13	20.0	6.299952	20.0	768809.0	0.314998	Y
6	STD8260 240-524469/14	40.0	12.289861	20.0	823277.0	0.307247	Y
7	STD8260 240-524469/15	60.0	18.846043	20.0	825750.0	0.314101	Y
8	STD8260 240-524469/16	80.0	24.976593	20.0	870688.0	0.312207	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

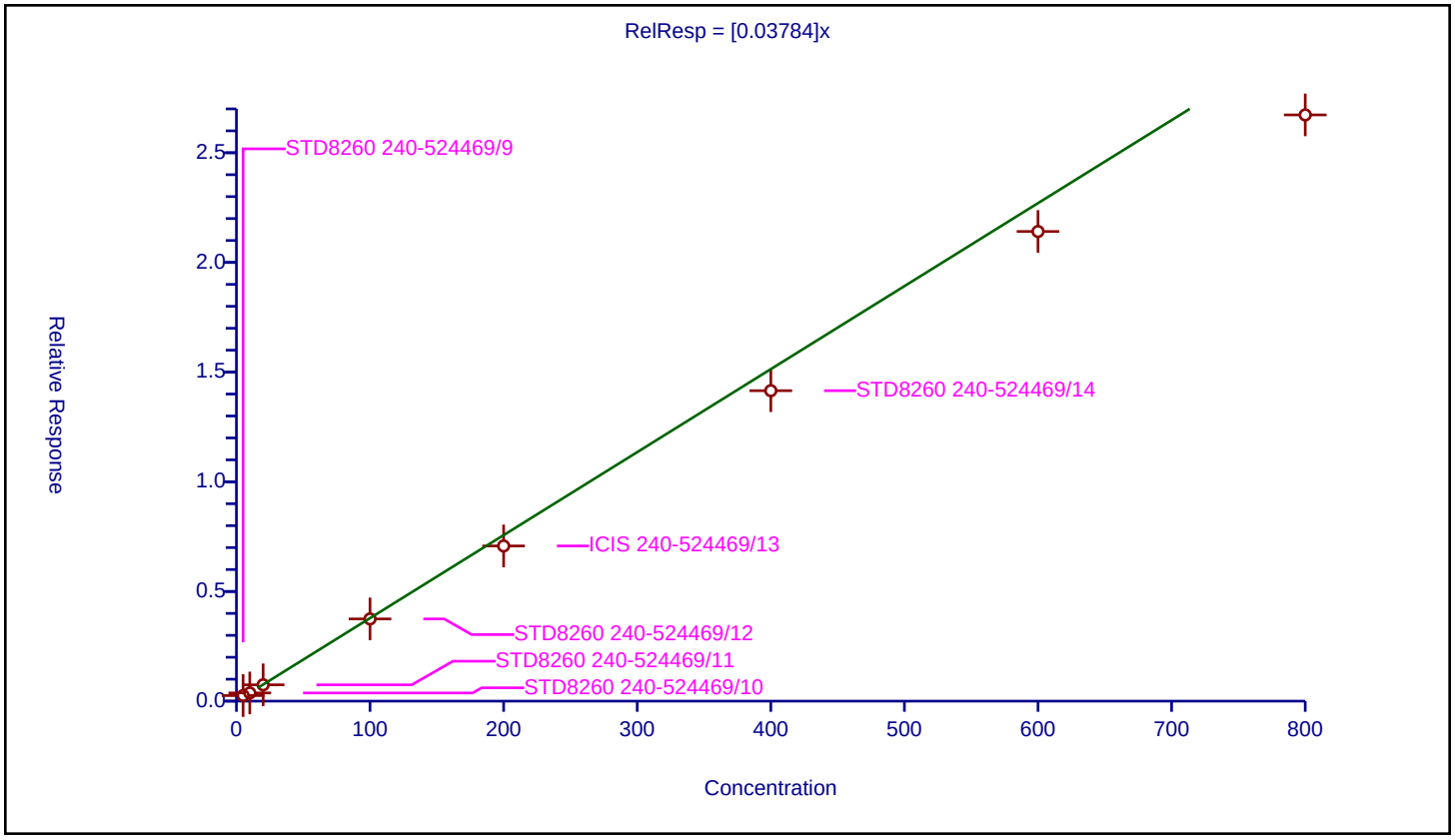
Curve Coefficients

Intercept:	0
Slope:	0.03784

Error Coefficients

Standard Error:	606000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	5.0	0.254152	20.0	727359.0	0.05083	Y
2	STD8260 240-524469/10	10.0	0.373456	20.0	704554.0	0.037346	Y
3	STD8260 240-524469/11	20.0	0.744046	20.0	757480.0	0.037202	Y
4	STD8260 240-524469/12	100.0	3.748001	20.0	733543.0	0.03748	Y
5	ICIS 240-524469/13	200.0	7.074605	20.0	768809.0	0.035373	Y
6	STD8260 240-524469/14	400.0	14.152976	20.0	823277.0	0.035382	Y
7	STD8260 240-524469/15	600.0	21.411299	20.0	825750.0	0.035685	Y
8	STD8260 240-524469/16	800.0	26.726129	20.0	870688.0	0.033408	Y



Calibration / Acrylonitrile

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

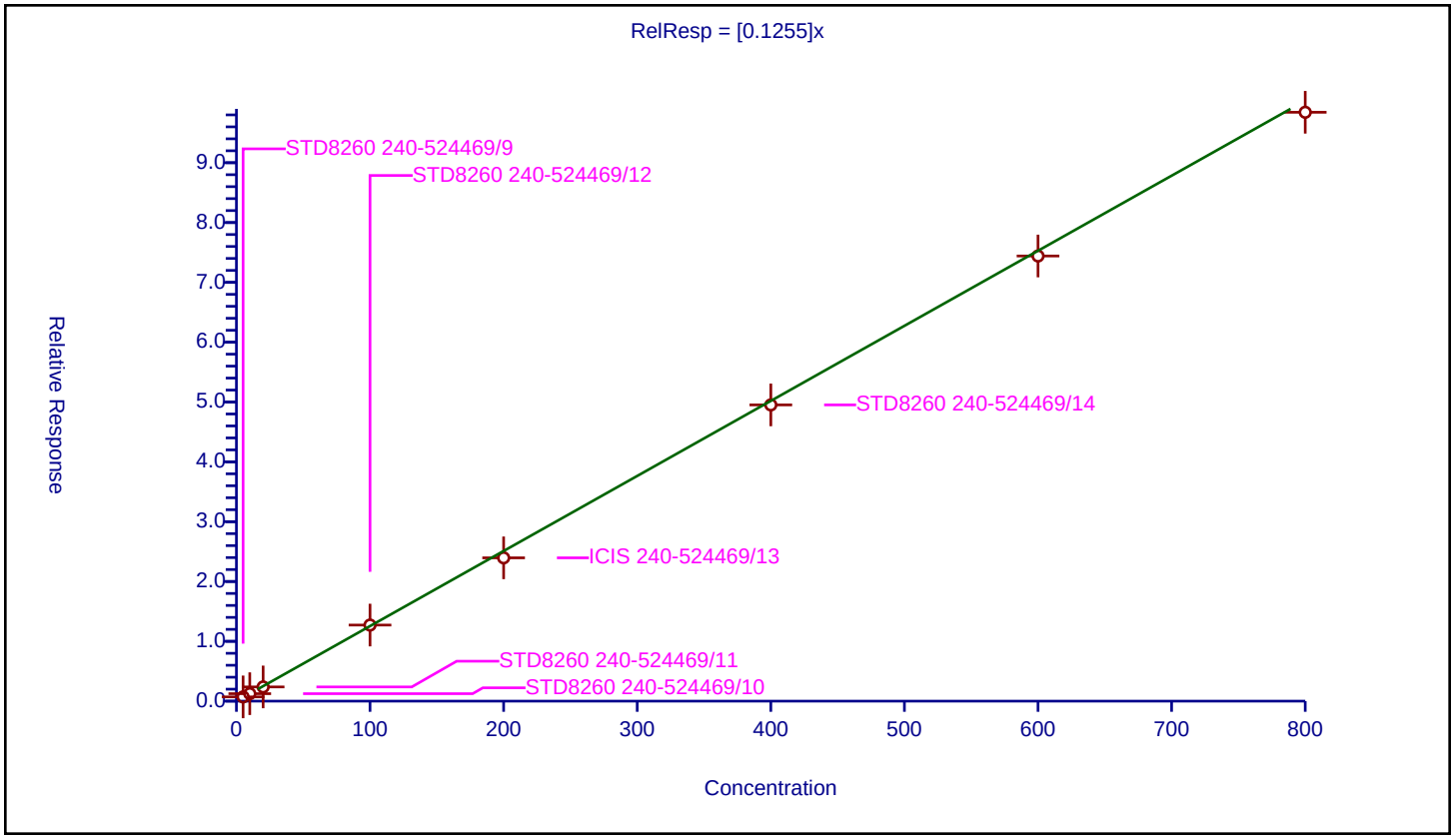
Curve Coefficients

Intercept:	0
Slope:	0.1255

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	5.0	0.711038	20.0	727359.0	0.142208	Y
2	STD8260 240-524469/10	10.0	1.250607	20.0	704554.0	0.125061	Y
3	STD8260 240-524469/11	20.0	2.374927	20.0	757480.0	0.118746	Y
4	STD8260 240-524469/12	100.0	12.716419	20.0	733543.0	0.127164	Y
5	ICIS 240-524469/13	200.0	23.952659	20.0	768809.0	0.119763	Y
6	STD8260 240-524469/14	400.0	49.52066	20.0	823277.0	0.123802	Y
7	STD8260 240-524469/15	600.0	74.41073	20.0	825750.0	0.124018	Y
8	STD8260 240-524469/16	800.0	98.434686	20.0	870688.0	0.123043	Y



Calibration / Methyl tert-butyl ether

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

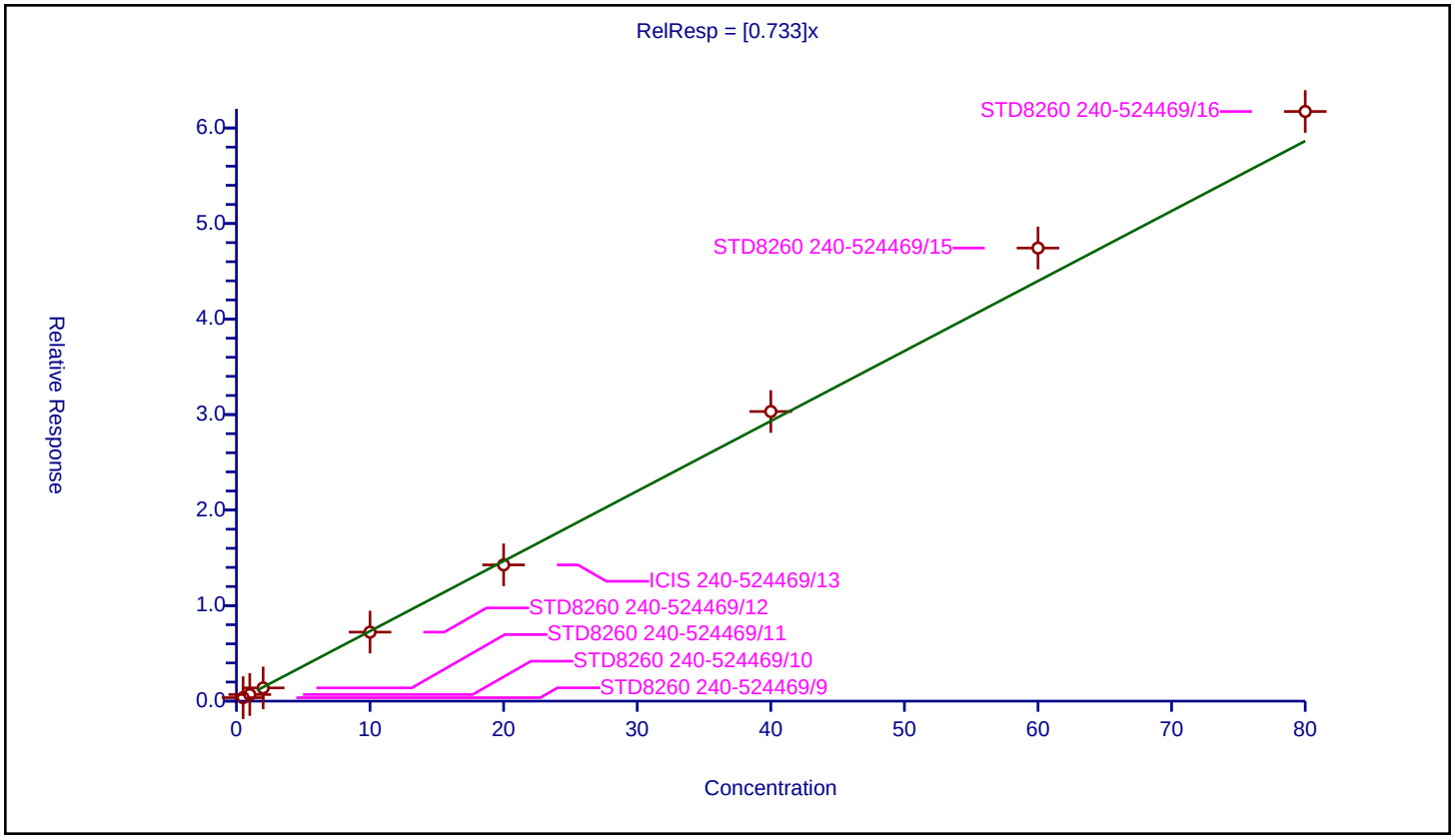
Curve Coefficients

Intercept:	0
Slope:	0.733

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	5.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.362929	20.0	727359.0	0.725859	Y
2	STD8260 240-524469/10	1.0	0.690565	20.0	704554.0	0.690565	Y
3	STD8260 240-524469/11	2.0	1.383667	20.0	757480.0	0.691833	Y
4	STD8260 240-524469/12	10.0	7.224525	20.0	733543.0	0.722453	Y
5	ICIS 240-524469/13	20.0	14.264089	20.0	768809.0	0.713204	Y
6	STD8260 240-524469/14	40.0	30.320803	20.0	823277.0	0.75802	Y
7	STD8260 240-524469/15	60.0	47.435495	20.0	825750.0	0.790592	Y
8	STD8260 240-524469/16	80.0	61.730448	20.0	870688.0	0.771631	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

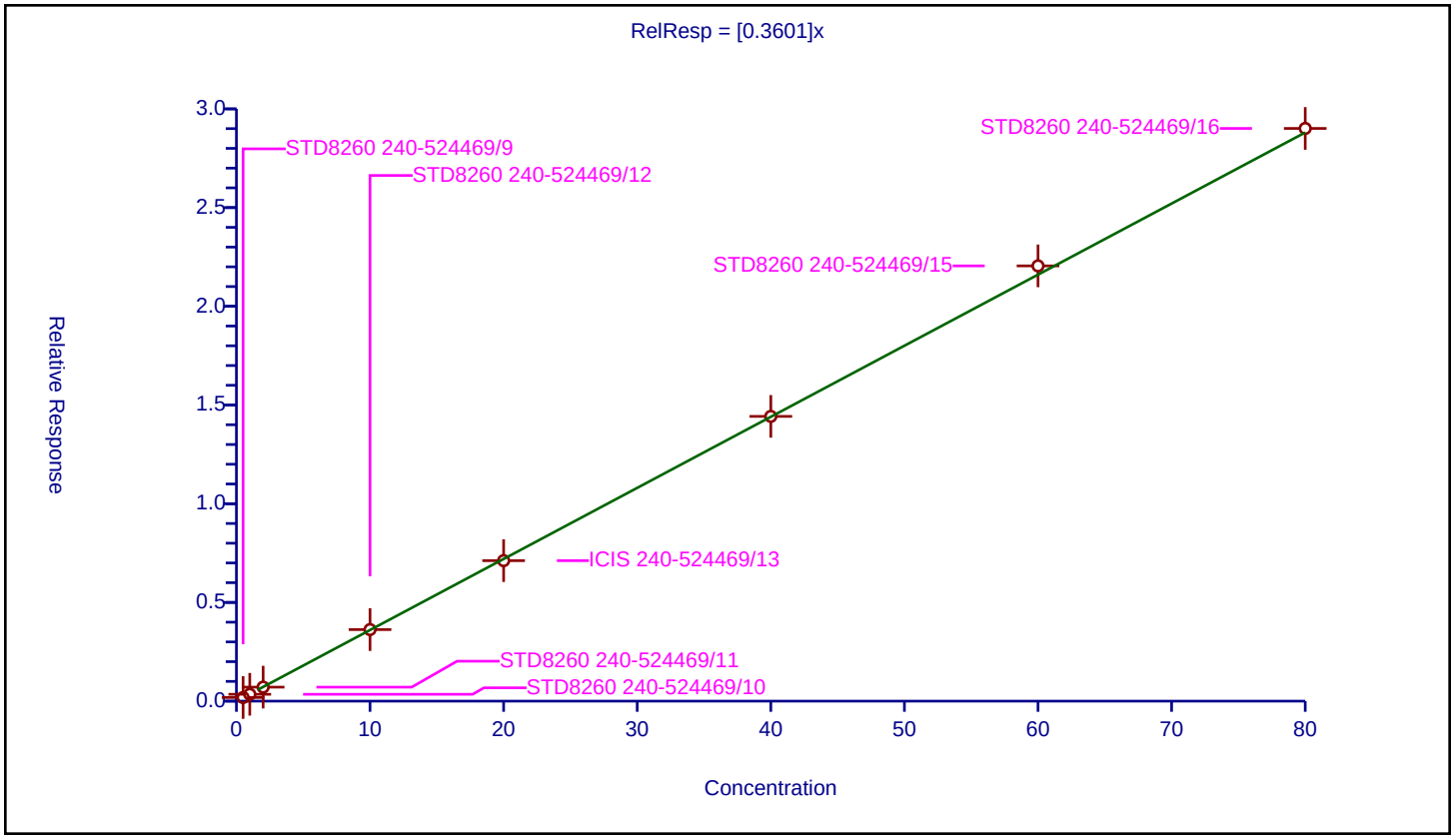
Curve Coefficients

Intercept:	0
Slope:	0.3601

Error Coefficients

Standard Error:	640000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.184586	20.0	727359.0	0.369171	Y
2	STD8260 240-524469/10	1.0	0.34805	20.0	704554.0	0.34805	Y
3	STD8260 240-524469/11	2.0	0.708745	20.0	757480.0	0.354372	Y
4	STD8260 240-524469/12	10.0	3.624355	20.0	733543.0	0.362435	Y
5	ICIS 240-524469/13	20.0	7.115682	20.0	768809.0	0.355784	Y
6	STD8260 240-524469/14	40.0	14.42421	20.0	823277.0	0.360605	Y
7	STD8260 240-524469/15	60.0	22.047932	20.0	825750.0	0.367466	Y
8	STD8260 240-524469/16	80.0	29.009473	20.0	870688.0	0.362618	Y



Calibration / Hexane

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

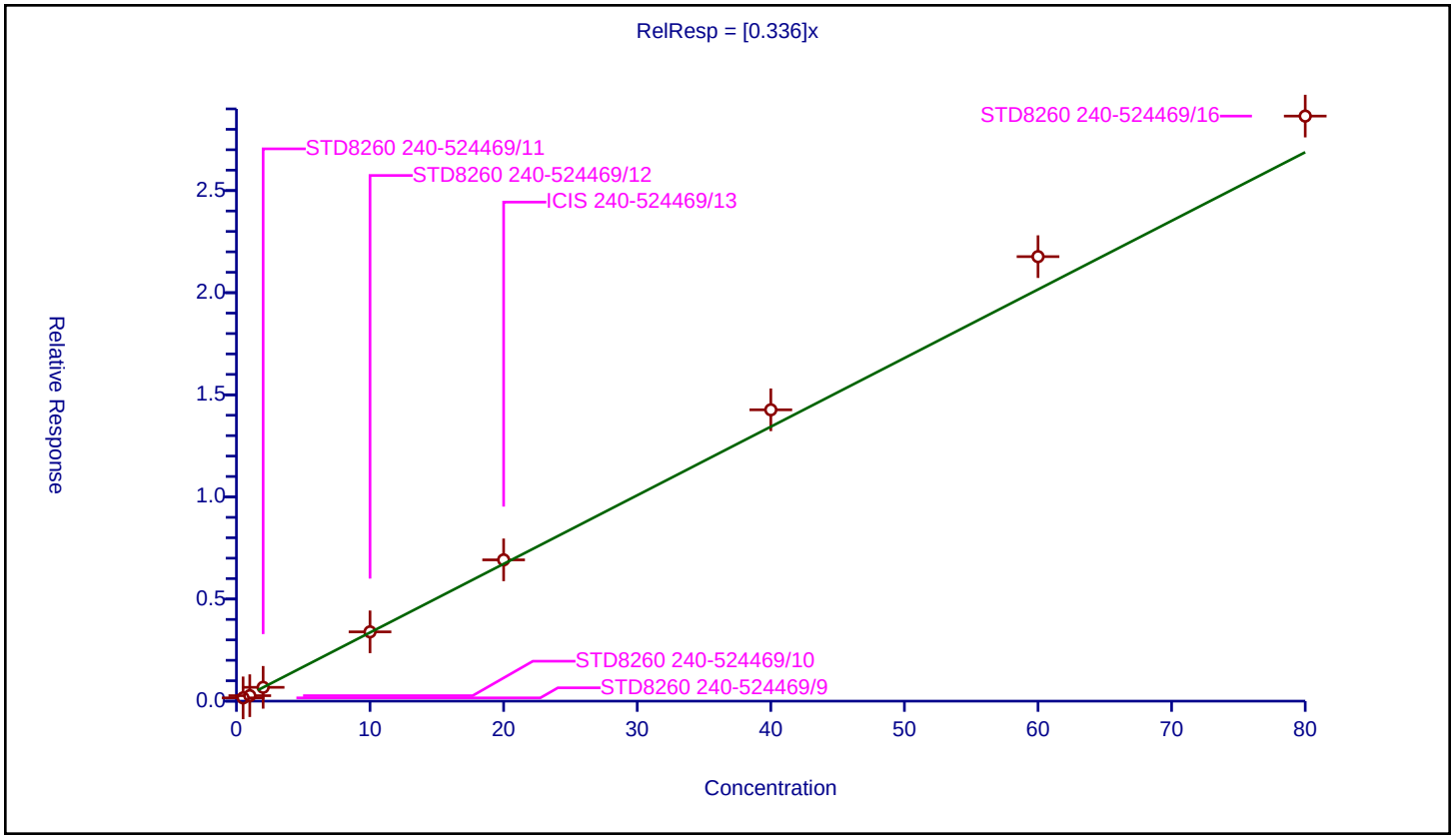
Curve Coefficients

Intercept:	0
Slope:	0.336

Error Coefficients

Standard Error:	632000
Relative Standard Error:	9.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.159289	20.0	727359.0	0.318577	Y
2	STD8260 240-524469/10	1.0	0.268397	20.0	704554.0	0.268397	Y
3	STD8260 240-524469/11	2.0	0.676057	20.0	757480.0	0.338029	Y
4	STD8260 240-524469/12	10.0	3.393312	20.0	733543.0	0.339331	Y
5	ICIS 240-524469/13	20.0	6.918467	20.0	768809.0	0.345923	Y
6	STD8260 240-524469/14	40.0	14.26577	20.0	823277.0	0.356644	Y
7	STD8260 240-524469/15	60.0	21.766418	20.0	825750.0	0.362774	Y
8	STD8260 240-524469/16	80.0	28.6473	20.0	870688.0	0.358091	Y



Calibration / Vinyl acetate

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

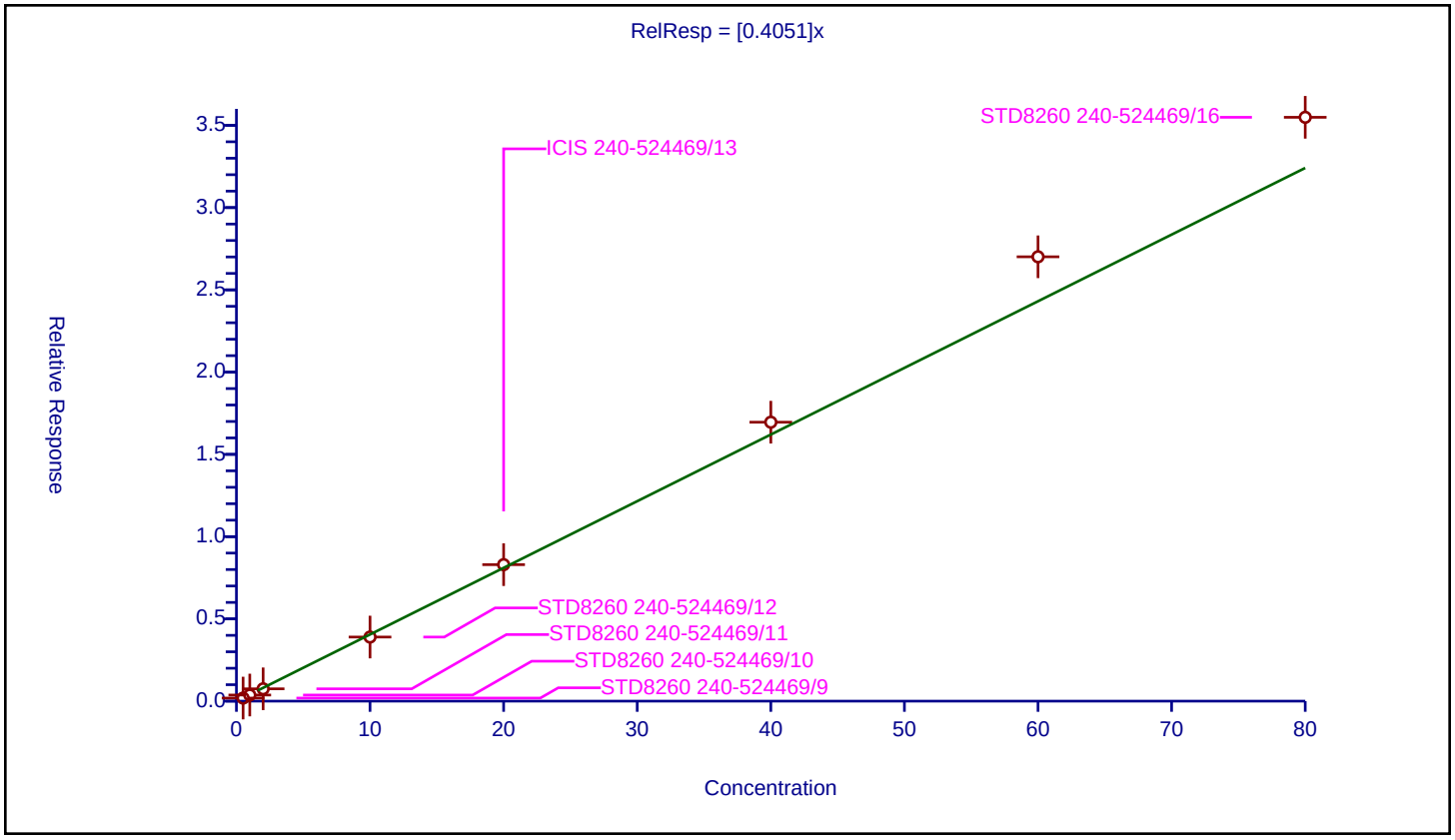
Curve Coefficients

Intercept:	0
Slope:	0.4051

Error Coefficients

Standard Error:	778000
Relative Standard Error:	8.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.186263	20.0	727359.0	0.372526	Y
2	STD8260 240-524469/10	1.0	0.372264	20.0	704554.0	0.372264	Y
3	STD8260 240-524469/11	2.0	0.748271	20.0	757480.0	0.374135	Y
4	STD8260 240-524469/12	10.0	3.895804	20.0	733543.0	0.38958	Y
5	ICIS 240-524469/13	20.0	8.296183	20.0	768809.0	0.414809	Y
6	STD8260 240-524469/14	40.0	16.9558	20.0	823277.0	0.423895	Y
7	STD8260 240-524469/15	60.0	27.009264	20.0	825750.0	0.450154	Y
8	STD8260 240-524469/16	80.0	35.488349	20.0	870688.0	0.443604	Y



Calibration / 1,1-Dichloroethane

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

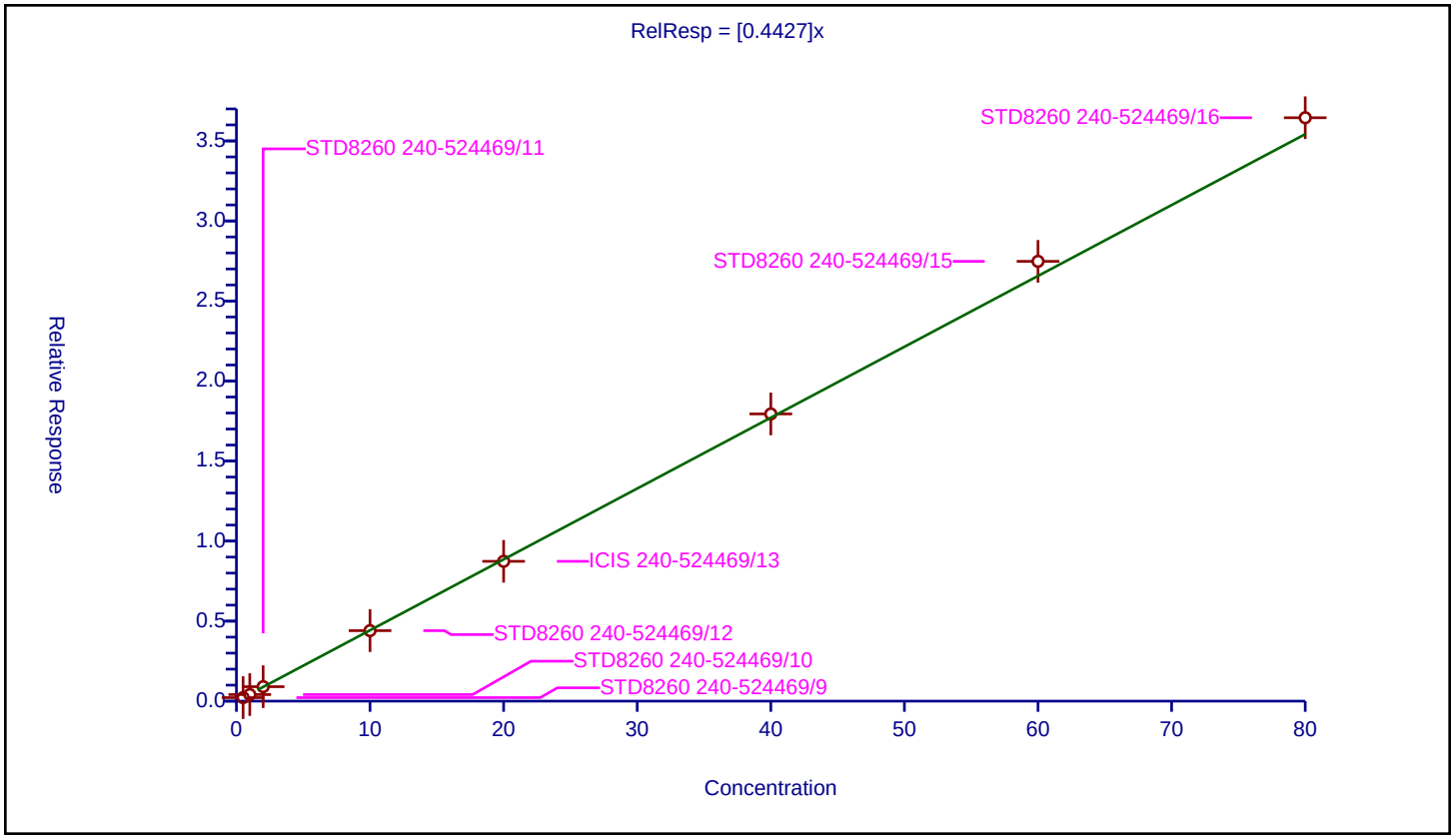
Curve Coefficients

Intercept:	0
Slope:	0.4427

Error Coefficients

Standard Error:	801000
Relative Standard Error:	3.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.220826	20.0	727359.0	0.441653	Y
2	STD8260 240-524469/10	1.0	0.409451	20.0	704554.0	0.409451	Y
3	STD8260 240-524469/11	2.0	0.903311	20.0	757480.0	0.451655	Y
4	STD8260 240-524469/12	10.0	4.403668	20.0	733543.0	0.440367	Y
5	ICIS 240-524469/13	20.0	8.734809	20.0	768809.0	0.43674	Y
6	STD8260 240-524469/14	40.0	17.943365	20.0	823277.0	0.448584	Y
7	STD8260 240-524469/15	60.0	27.475459	20.0	825750.0	0.457924	Y
8	STD8260 240-524469/16	80.0	36.446764	20.0	870688.0	0.455585	Y



Calibration / 2-Butanone (MEK)

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

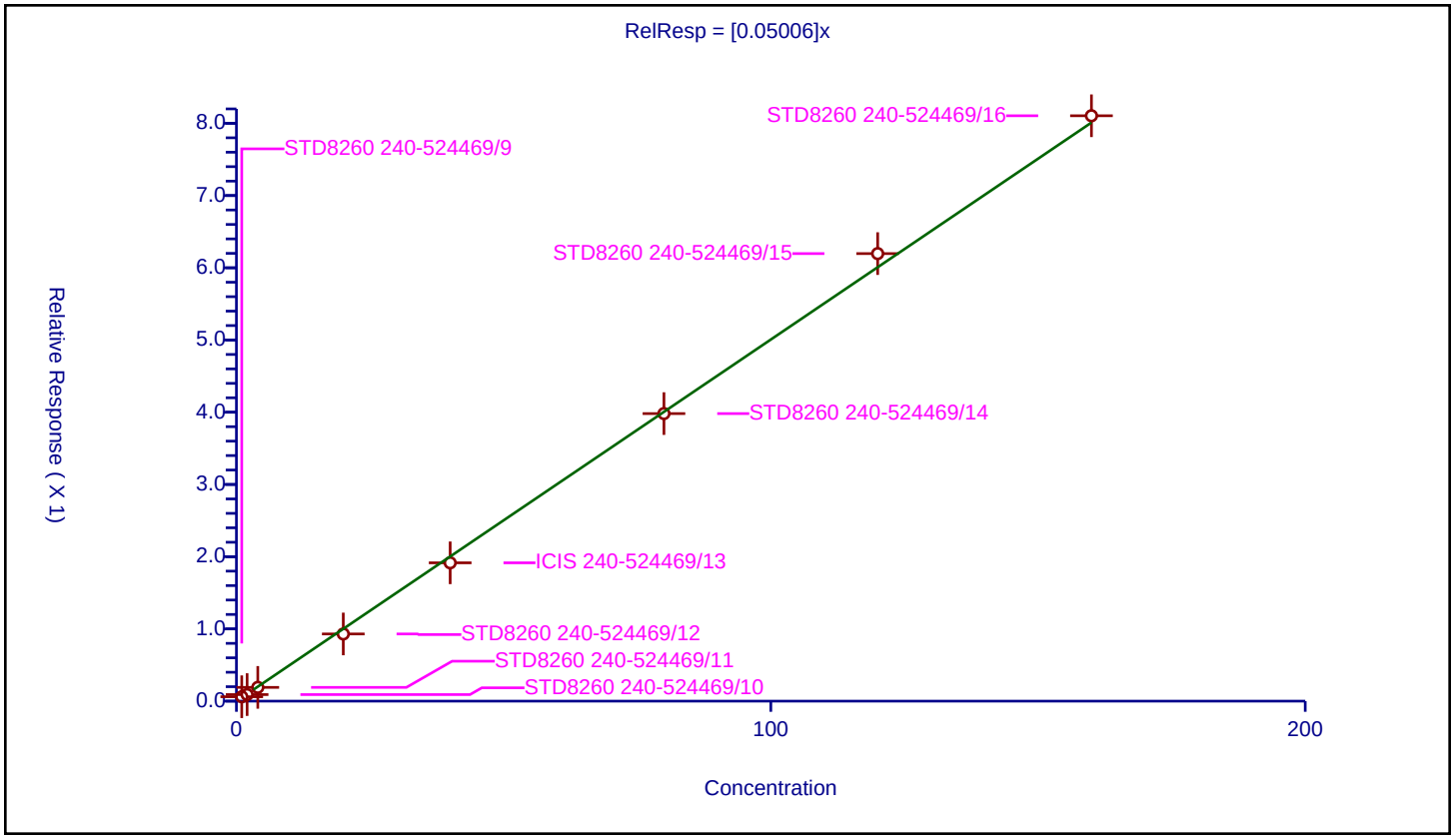
Curve Coefficients

Intercept:	0
Slope:	0.05006

Error Coefficients

Standard Error:	179000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.06107	20.0	727359.0	0.06107	Y
2	STD8260 240-524469/10	2.0	0.090781	20.0	704554.0	0.04539	Y
3	STD8260 240-524469/11	4.0	0.190421	20.0	757480.0	0.047605	Y
4	STD8260 240-524469/12	20.0	0.930225	20.0	733543.0	0.046511	Y
5	ICIS 240-524469/13	40.0	1.915196	20.0	768809.0	0.04788	Y
6	STD8260 240-524469/14	80.0	3.981527	20.0	823277.0	0.049769	Y
7	STD8260 240-524469/15	120.0	6.196476	20.0	825750.0	0.051637	Y
8	STD8260 240-524469/16	160.0	8.10497	20.0	870688.0	0.050656	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

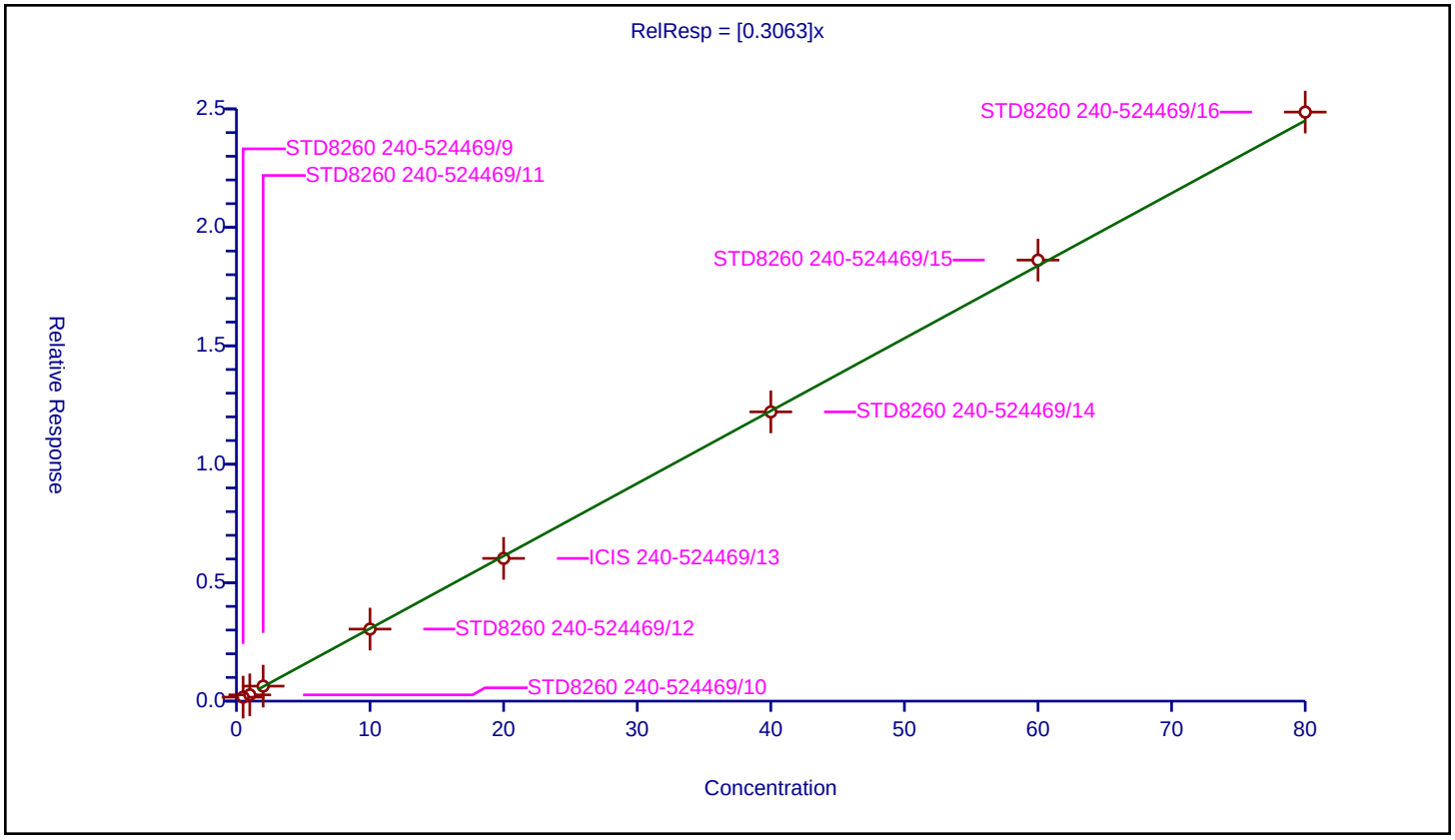
Curve Coefficients

Intercept:	0
Slope:	0.3063

Error Coefficients

Standard Error:	545000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.168253	20.0	727359.0	0.336505	Y
2	STD8260 240-524469/10	1.0	0.265104	20.0	704554.0	0.265104	Y
3	STD8260 240-524469/11	2.0	0.633786	20.0	757480.0	0.316893	Y
4	STD8260 240-524469/12	10.0	3.042248	20.0	733543.0	0.304225	Y
5	ICIS 240-524469/13	20.0	6.025554	20.0	768809.0	0.301278	Y
6	STD8260 240-524469/14	40.0	12.210447	20.0	823277.0	0.305261	Y
7	STD8260 240-524469/15	60.0	18.617015	20.0	825750.0	0.310284	Y
8	STD8260 240-524469/16	80.0	24.866404	20.0	870688.0	0.31083	Y



Calibration / 2,2-Dichloropropane

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

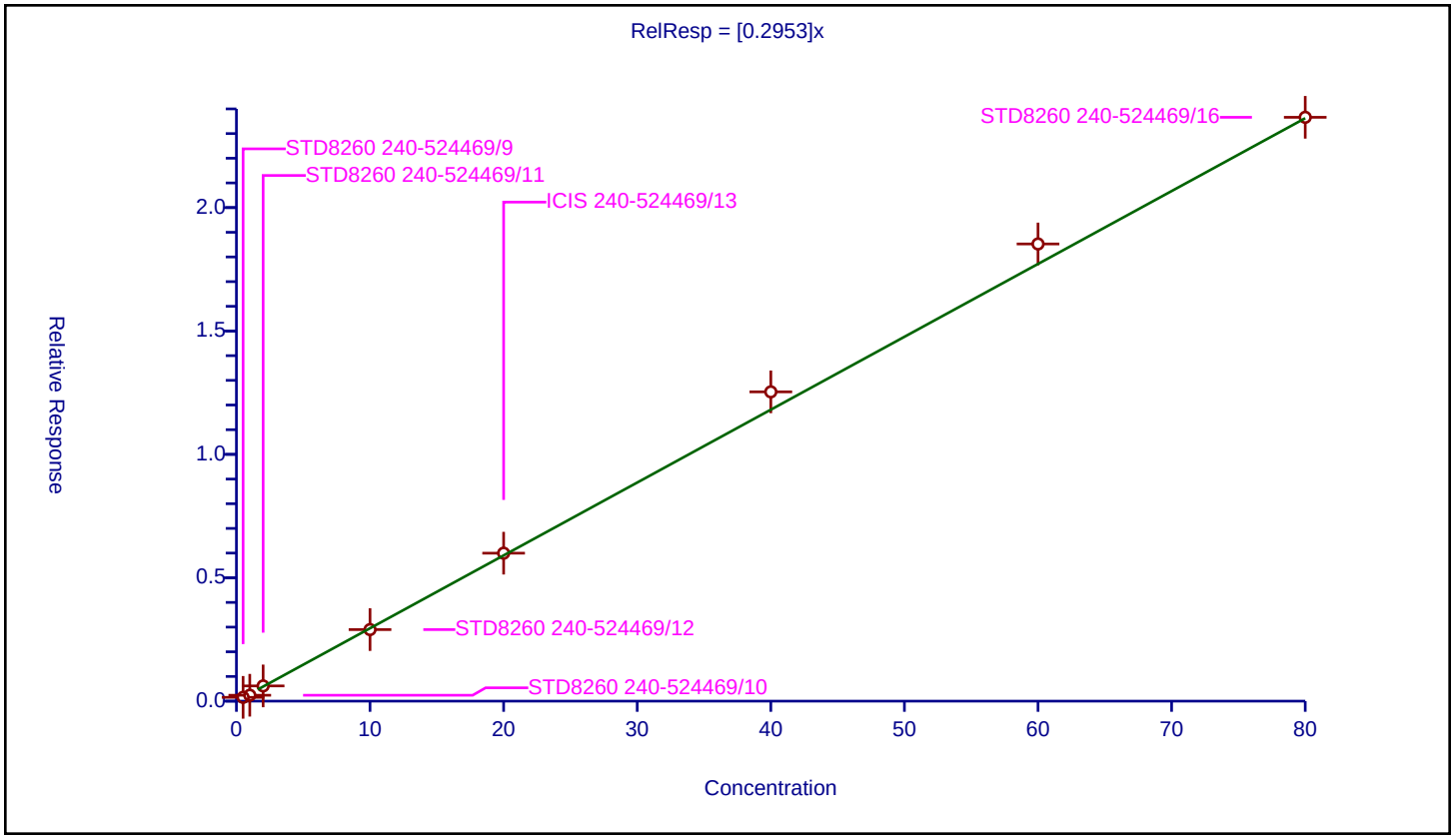
Curve Coefficients

Intercept:	0
Slope:	0.2953

Error Coefficients

Standard Error:	531000
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	STD8260 240-524469/9	0.5	0.153487	20.0	727359.0	0.306974	Y
2	STD8260 240-524469/10	1.0	0.239414	20.0	704554.0	0.239414	Y
3	STD8260 240-524469/11	2.0	0.616597	20.0	757480.0	0.308299	Y
4	STD8260 240-524469/12	10.0	2.899053	20.0	733543.0	0.289905	Y
5	ICIS 240-524469/13	20.0	5.996106	20.0	768809.0	0.299805	Y
6	STD8260 240-524469/14	40.0	12.533181	20.0	823277.0	0.31333	Y
7	STD8260 240-524469/15	60.0	18.526503	20.0	825750.0	0.308775	Y
8	STD8260 240-524469/16	80.0	23.65867	20.0	870688.0	0.295733	Y



Calibration / Chlorobromomethane

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

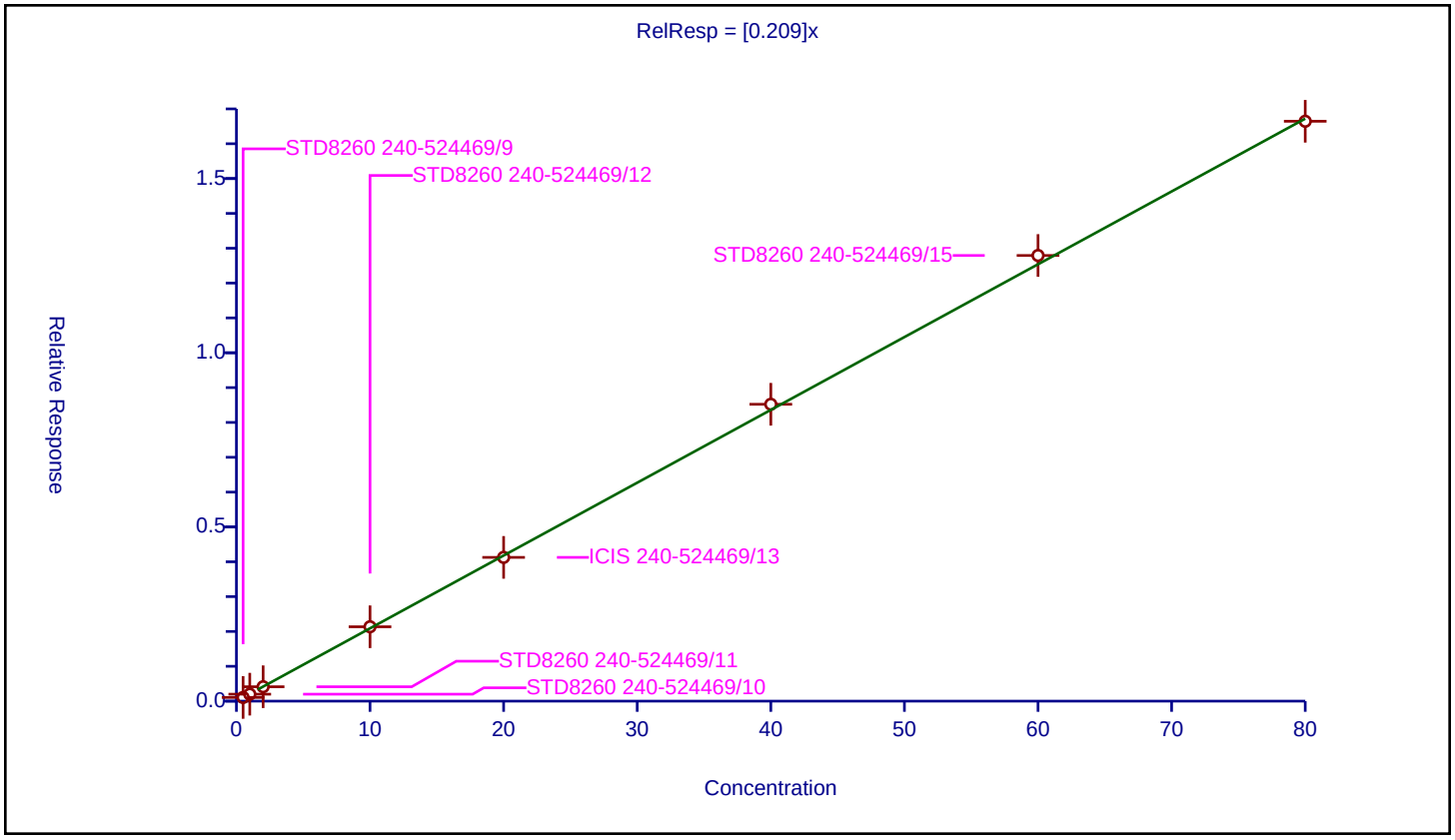
Curve Coefficients

Intercept:	0
Slope:	0.209

Error Coefficients

Standard Error:	370000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.105505	20.0	727359.0	0.21101	Y
2	STD8260 240-524469/10	1.0	0.20007	20.0	704554.0	0.20007	Y
3	STD8260 240-524469/11	2.0	0.41345	20.0	757480.0	0.206725	Y
4	STD8260 240-524469/12	10.0	2.135117	20.0	733543.0	0.213512	Y
5	ICIS 240-524469/13	20.0	4.126591	20.0	768809.0	0.20633	Y
6	STD8260 240-524469/14	40.0	8.521506	20.0	823277.0	0.213038	Y
7	STD8260 240-524469/15	60.0	12.792177	20.0	825750.0	0.213203	Y
8	STD8260 240-524469/16	80.0	16.644263	20.0	870688.0	0.208053	Y



Calibration / Tetrahydrofuran

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

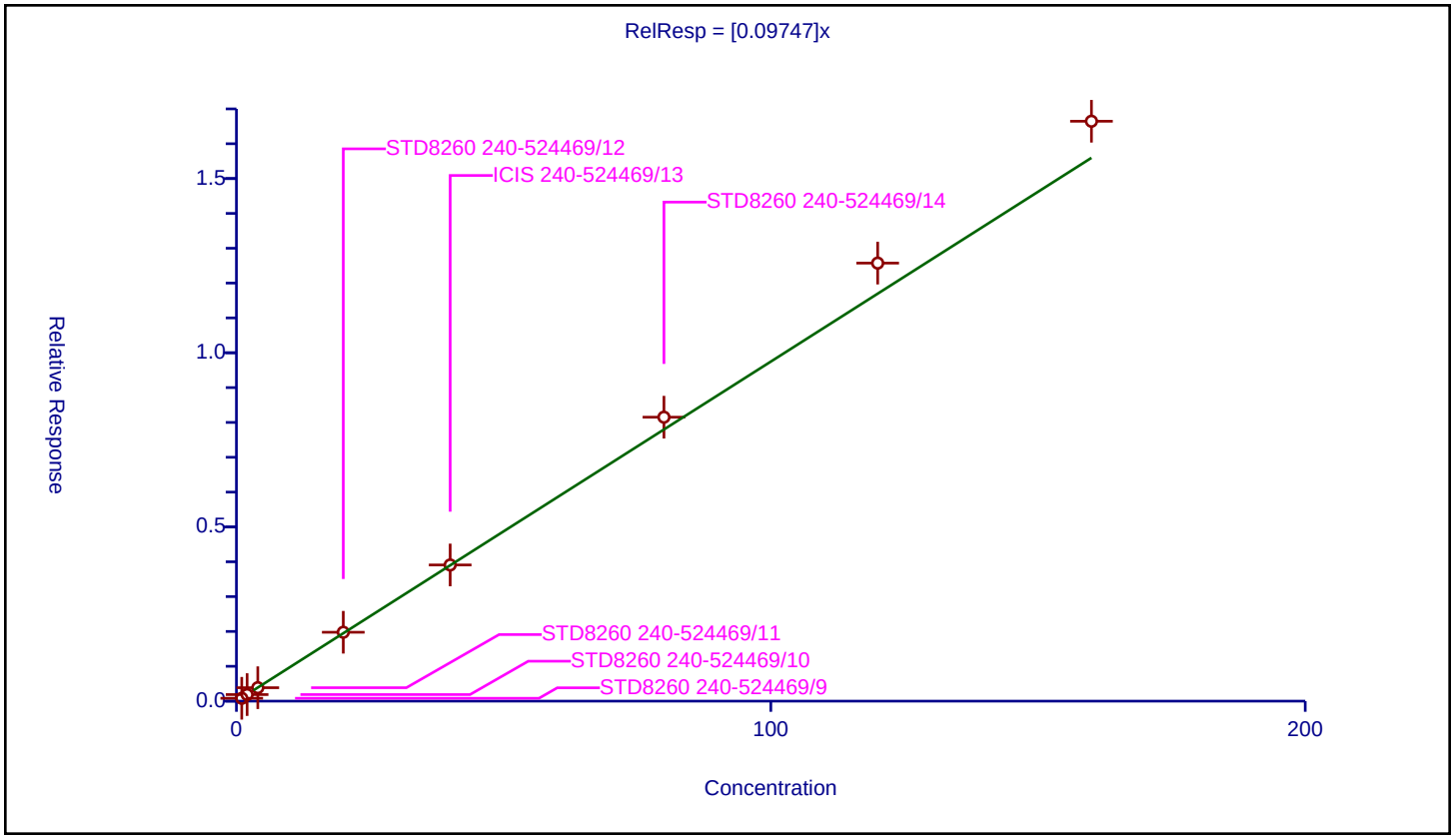
Curve Coefficients

Intercept:	0
Slope:	0.09747

Error Coefficients

Standard Error:	366000
Relative Standard Error:	7.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.081858	20.0	727359.0	0.081858	Y
2	STD8260 240-524469/10	2.0	0.188289	20.0	704554.0	0.094145	Y
3	STD8260 240-524469/11	4.0	0.385806	20.0	757480.0	0.096451	Y
4	STD8260 240-524469/12	20.0	1.977253	20.0	733543.0	0.098863	Y
5	ICIS 240-524469/13	40.0	3.908929	20.0	768809.0	0.097723	Y
6	STD8260 240-524469/14	80.0	8.150841	20.0	823277.0	0.101886	Y
7	STD8260 240-524469/15	120.0	12.573297	20.0	825750.0	0.104777	Y
8	STD8260 240-524469/16	160.0	16.645366	20.0	870688.0	0.104034	Y



Calibration / Chloroform

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

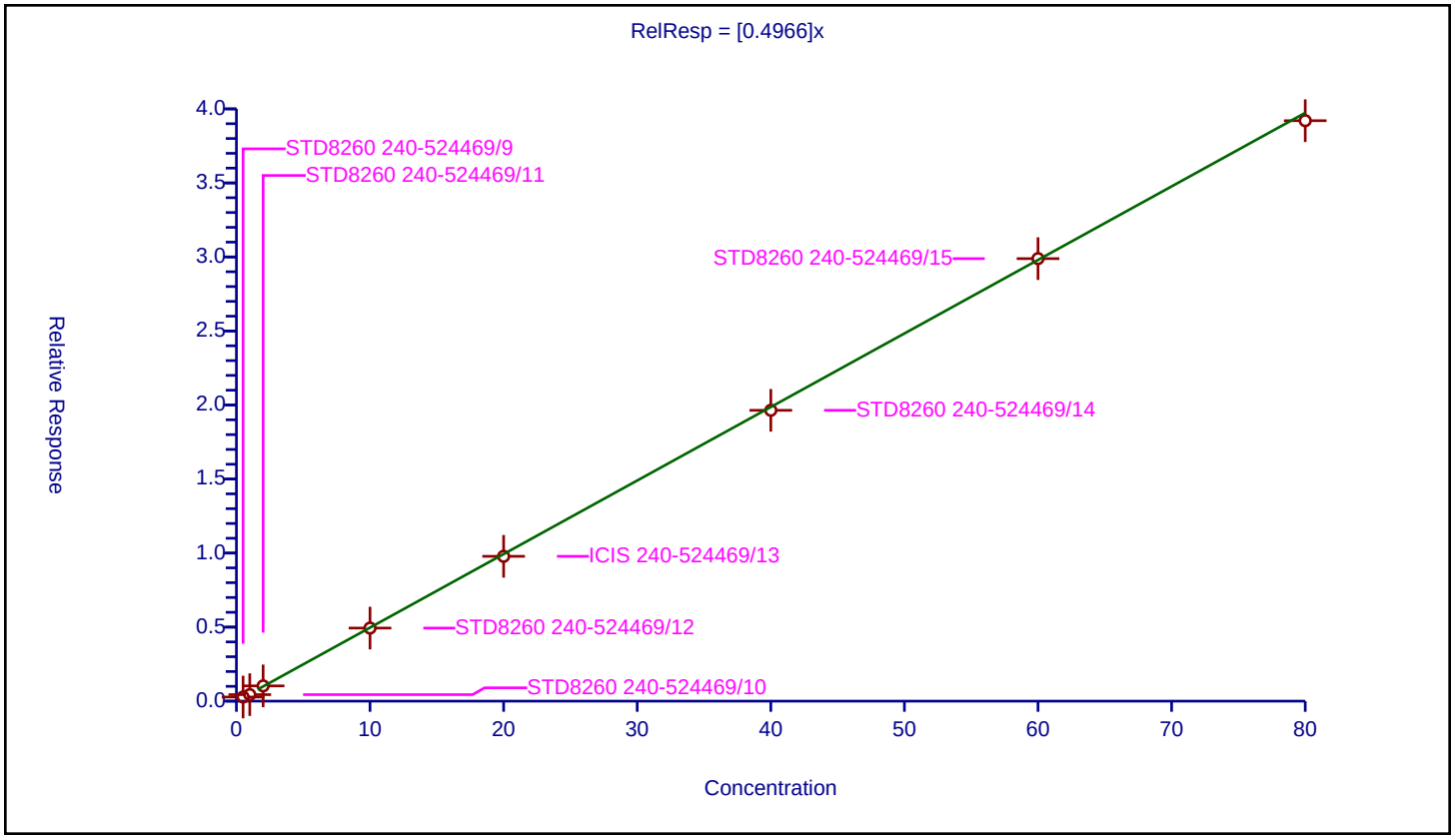
Curve Coefficients

Intercept:	0
Slope:	0.4966

Error Coefficients

Standard Error:	867000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.278377	20.0	727359.0	0.556754	Y
2	STD8260 240-524469/10	1.0	0.43954	20.0	704554.0	0.43954	Y
3	STD8260 240-524469/11	2.0	1.029836	20.0	757480.0	0.514918	Y
4	STD8260 240-524469/12	10.0	4.935525	20.0	733543.0	0.493553	Y
5	ICIS 240-524469/13	20.0	9.781909	20.0	768809.0	0.489095	Y
6	STD8260 240-524469/14	40.0	19.642259	20.0	823277.0	0.491056	Y
7	STD8260 240-524469/15	60.0	29.887714	20.0	825750.0	0.498129	Y
8	STD8260 240-524469/16	80.0	39.203917	20.0	870688.0	0.490049	Y



Calibration / Dibromofluoromethane (Surr)

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

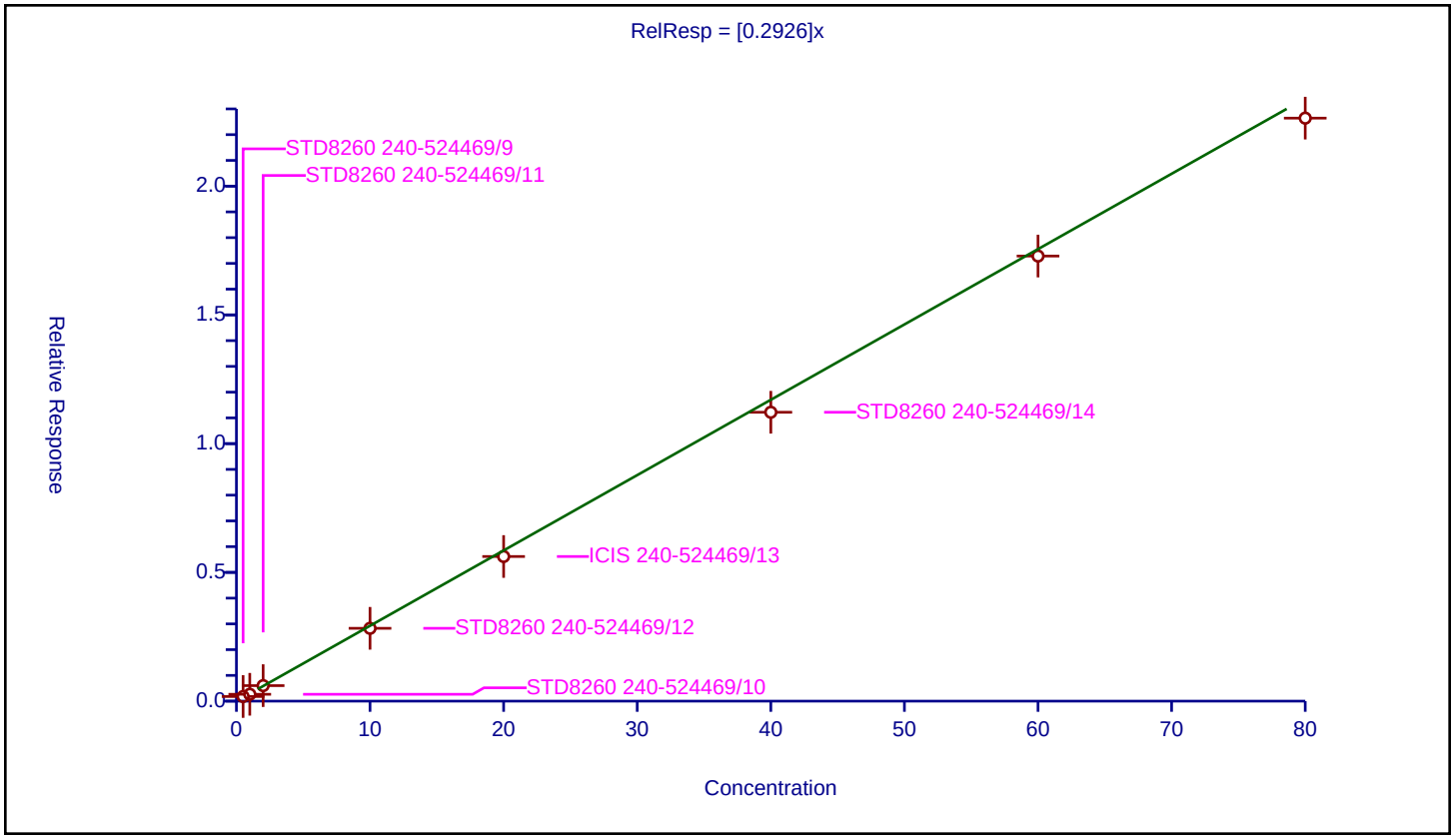
Curve Coefficients

Intercept:	0
Slope:	0.2926

Error Coefficients

Standard Error:	500000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.179059	20.0	727359.0	0.358118	Y
2	STD8260 240-524469/10	1.0	0.266183	20.0	704554.0	0.266183	Y
3	STD8260 240-524469/11	2.0	0.602102	20.0	757480.0	0.301051	Y
4	STD8260 240-524469/12	10.0	2.82811	20.0	733543.0	0.282811	Y
5	ICIS 240-524469/13	20.0	5.617182	20.0	768809.0	0.280859	Y
6	STD8260 240-524469/14	40.0	11.218533	20.0	823277.0	0.280463	Y
7	STD8260 240-524469/15	60.0	17.285328	20.0	825750.0	0.288089	Y
8	STD8260 240-524469/16	80.0	22.640716	20.0	870688.0	0.283009	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

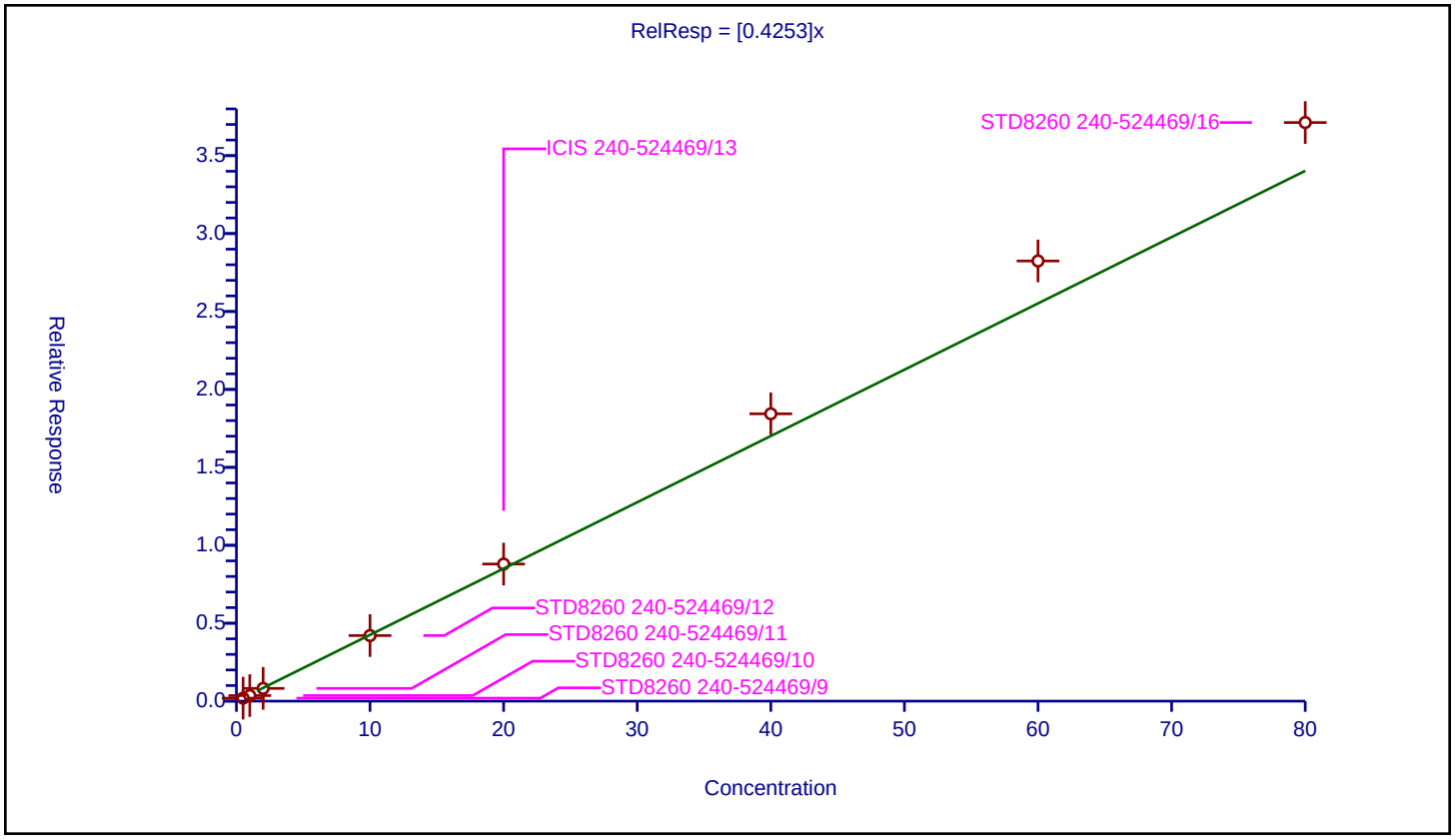
Curve Coefficients

Intercept:	0
Slope:	0.4253

Error Coefficients

Standard Error:	818000
Relative Standard Error:	9.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.189782	20.0	727359.0	0.379565	Y
2	STD8260 240-524469/10	1.0	0.358042	20.0	704554.0	0.358042	Y
3	STD8260 240-524469/11	2.0	0.817236	20.0	757480.0	0.408618	Y
4	STD8260 240-524469/12	10.0	4.207988	20.0	733543.0	0.420799	Y
5	ICIS 240-524469/13	20.0	8.796723	20.0	768809.0	0.439836	Y
6	STD8260 240-524469/14	40.0	18.436905	20.0	823277.0	0.460923	Y
7	STD8260 240-524469/15	60.0	28.242737	20.0	825750.0	0.470712	Y
8	STD8260 240-524469/16	80.0	37.125032	20.0	870688.0	0.464063	Y



Calibration / Cyclohexane

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

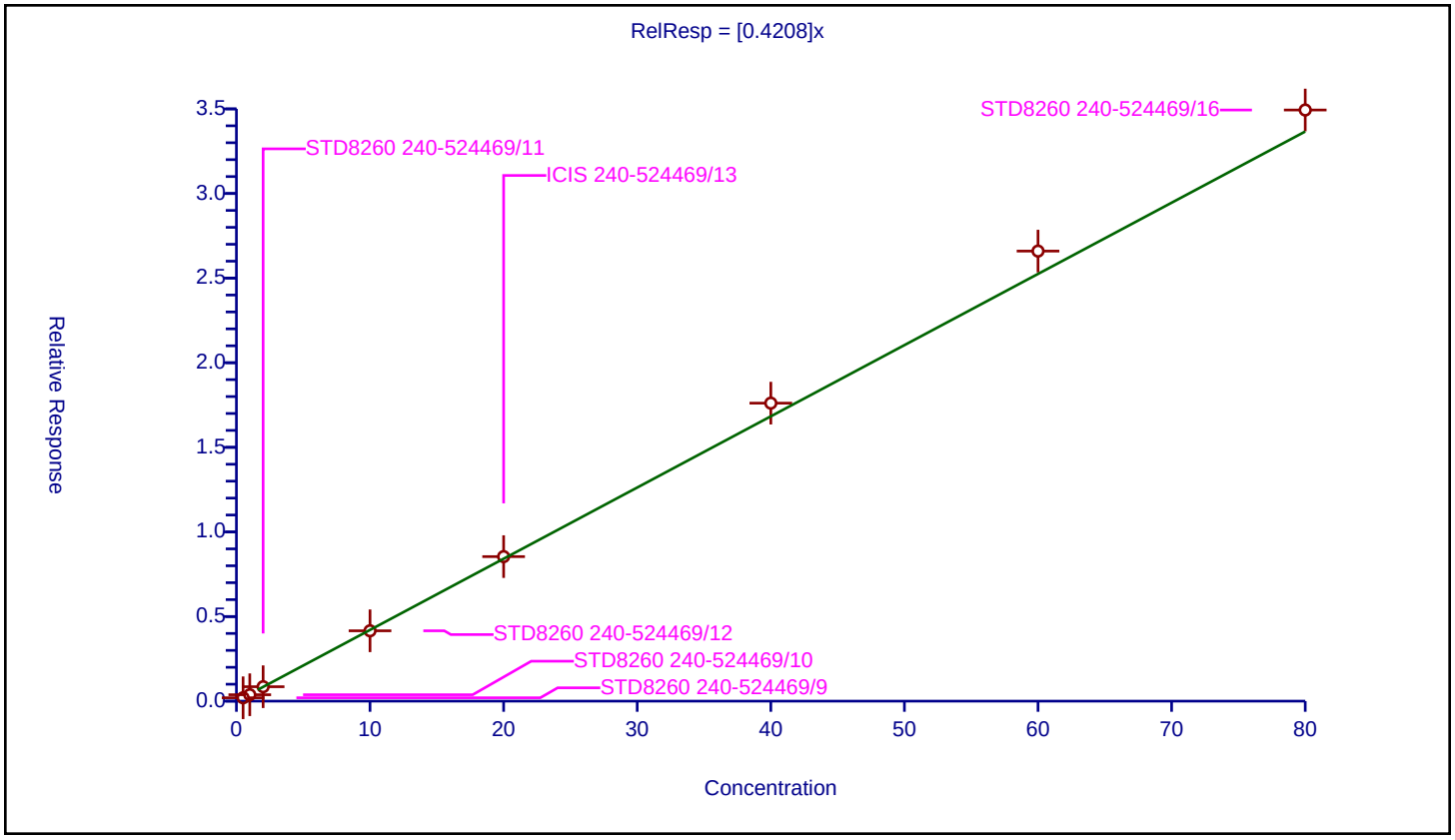
Curve Coefficients

Intercept:	0
Slope:	0.4208

Error Coefficients

Standard Error:	772000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.199709	20.0	727359.0	0.399418	Y
2	STD8260 240-524469/10	1.0	0.377856	20.0	704554.0	0.377856	Y
3	STD8260 240-524469/11	2.0	0.851904	20.0	757480.0	0.425952	Y
4	STD8260 240-524469/12	10.0	4.157493	20.0	733543.0	0.415749	Y
5	ICIS 240-524469/13	20.0	8.540717	20.0	768809.0	0.427036	Y
6	STD8260 240-524469/14	40.0	17.6105	20.0	823277.0	0.440263	Y
7	STD8260 240-524469/15	60.0	26.596573	20.0	825750.0	0.443276	Y
8	STD8260 240-524469/16	80.0	34.933593	20.0	870688.0	0.43667	Y



Calibration / 1,1-Dichloropropene

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

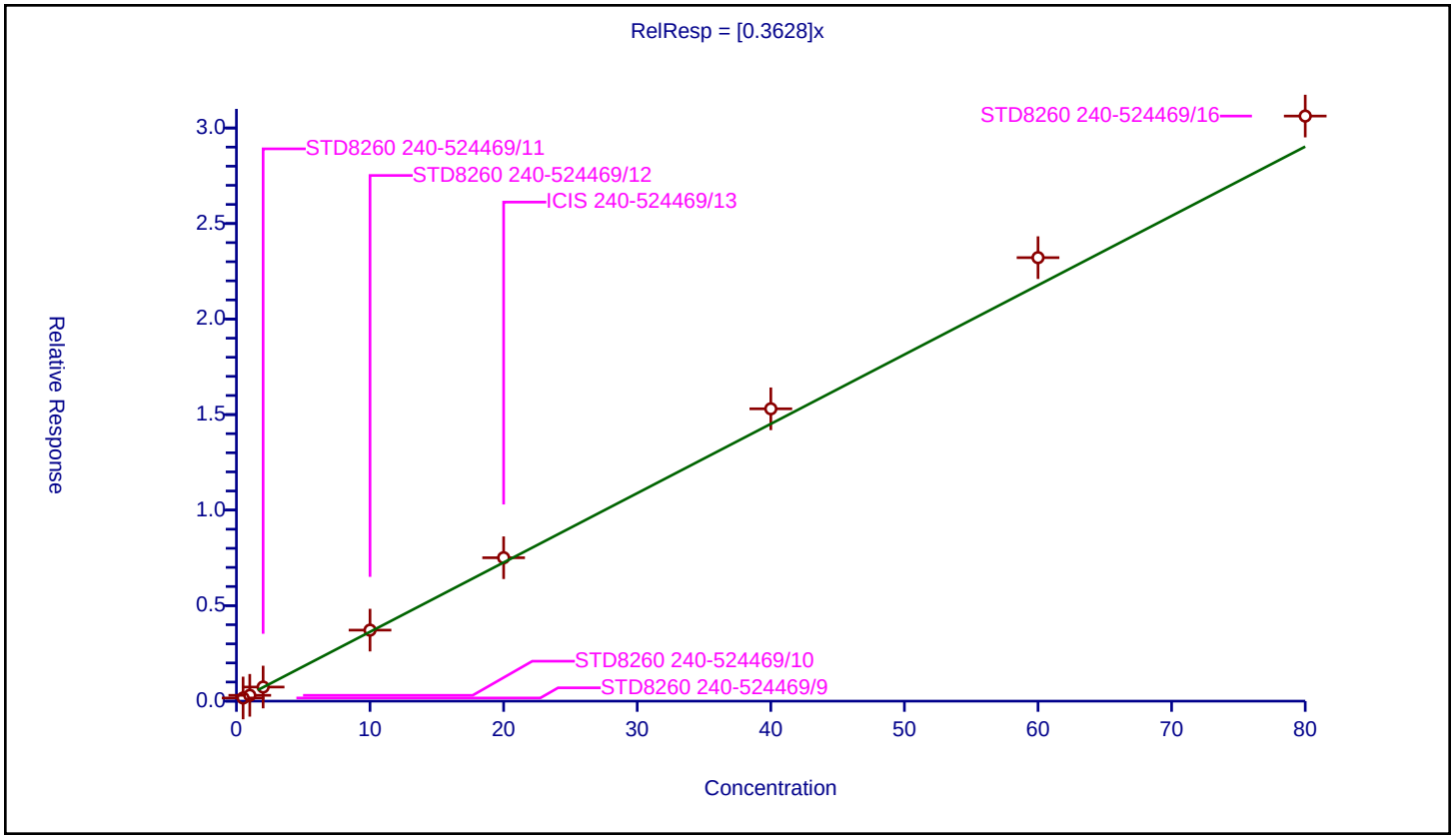
Curve Coefficients

Intercept:	0
Slope:	0.3628

Error Coefficients

Standard Error:	676000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.16509	20.0	727359.0	0.330181	Y
2	STD8260 240-524469/10	1.0	0.303994	20.0	704554.0	0.303994	Y
3	STD8260 240-524469/11	2.0	0.738396	20.0	757480.0	0.369198	Y
4	STD8260 240-524469/12	10.0	3.716974	20.0	733543.0	0.371697	Y
5	ICIS 240-524469/13	20.0	7.506338	20.0	768809.0	0.375317	Y
6	STD8260 240-524469/14	40.0	15.301751	20.0	823277.0	0.382544	Y
7	STD8260 240-524469/15	60.0	23.214096	20.0	825750.0	0.386902	Y
8	STD8260 240-524469/16	80.0	30.624495	20.0	870688.0	0.382806	Y



Calibration / Isobutyl alcohol

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

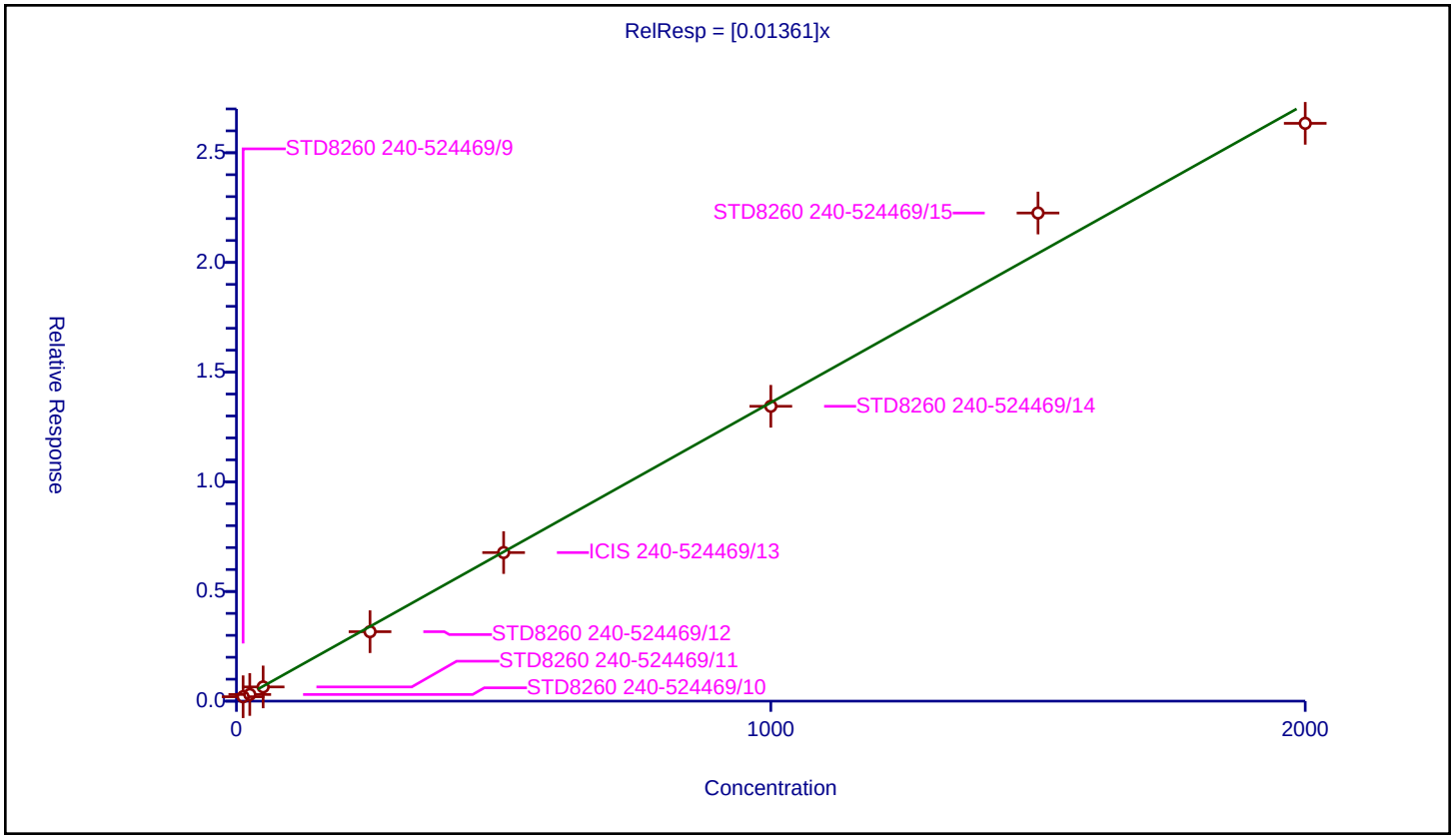
Curve Coefficients

Intercept:	0
Slope:	0.01361

Error Coefficients

Standard Error:	603000
Relative Standard Error:	9.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	12.5	0.201414	20.0	727359.0	0.016113	Y
2	STD8260 240-524469/10	25.0	0.30354	20.0	704554.0	0.012142	Y
3	STD8260 240-524469/11	50.0	0.648123	20.0	757480.0	0.012962	Y
4	STD8260 240-524469/12	250.0	3.165786	20.0	733543.0	0.012663	Y
5	ICIS 240-524469/13	500.0	6.772996	20.0	768809.0	0.013546	Y
6	STD8260 240-524469/14	1000.0	13.442523	20.0	823277.0	0.013443	Y
7	STD8260 240-524469/15	1500.0	22.25366	20.0	825750.0	0.014836	Y
8	STD8260 240-524469/16	2000.0	26.341606	20.0	870688.0	0.013171	Y



Calibration / Carbon tetrachloride

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

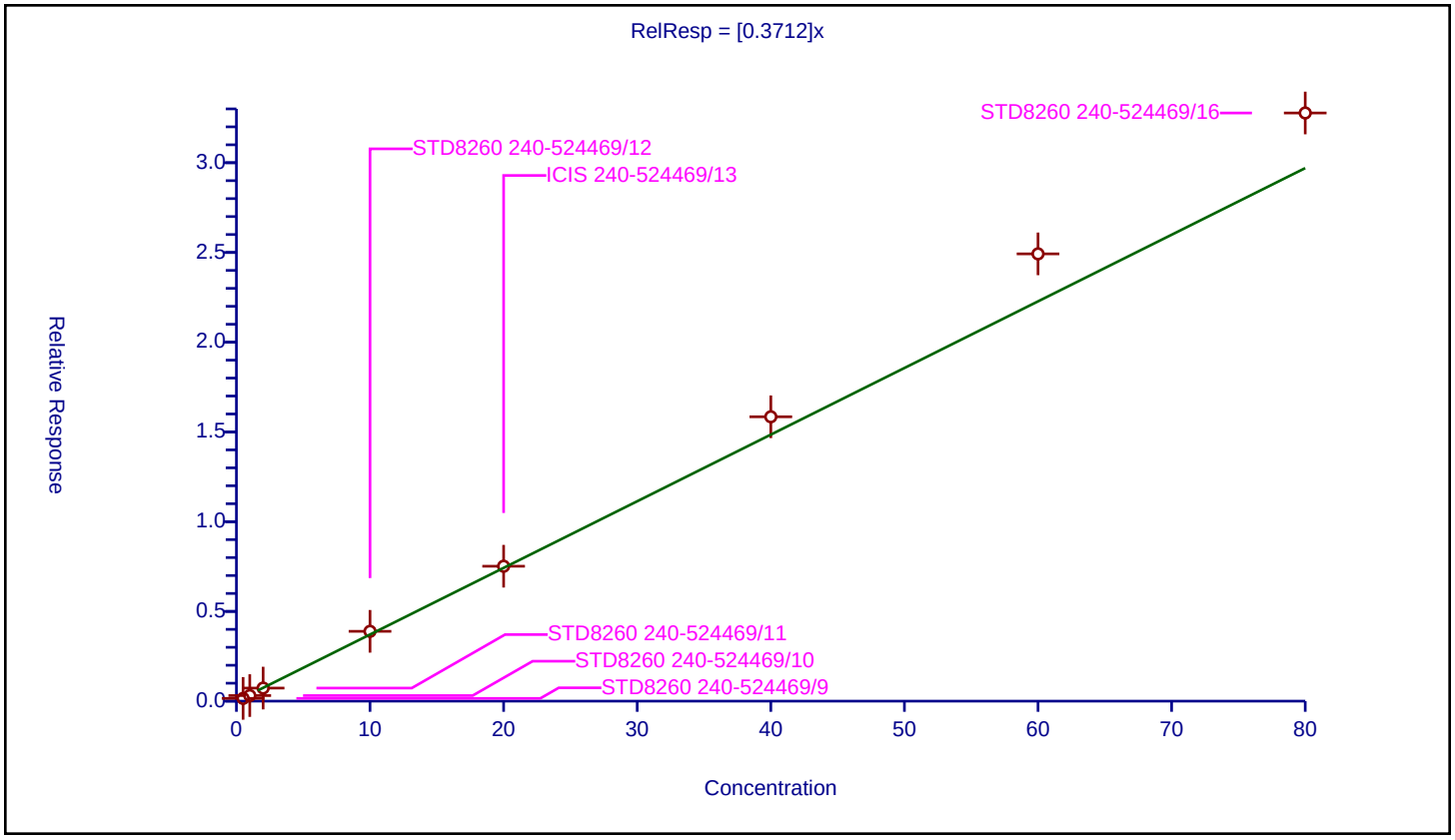
Curve Coefficients

Intercept:	0
Slope:	0.3712

Error Coefficients

Standard Error:	720000
Relative Standard Error:	11.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.154009	20.0	727359.0	0.308018	Y
2	STD8260 240-524469/10	1.0	0.311601	20.0	704554.0	0.311601	Y
3	STD8260 240-524469/11	2.0	0.728547	20.0	757480.0	0.364274	Y
4	STD8260 240-524469/12	10.0	3.890542	20.0	733543.0	0.389054	Y
5	ICIS 240-524469/13	20.0	7.516743	20.0	768809.0	0.375837	Y
6	STD8260 240-524469/14	40.0	15.844461	20.0	823277.0	0.396112	Y
7	STD8260 240-524469/15	60.0	24.922386	20.0	825750.0	0.415373	Y
8	STD8260 240-524469/16	80.0	32.771211	20.0	870688.0	0.40964	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

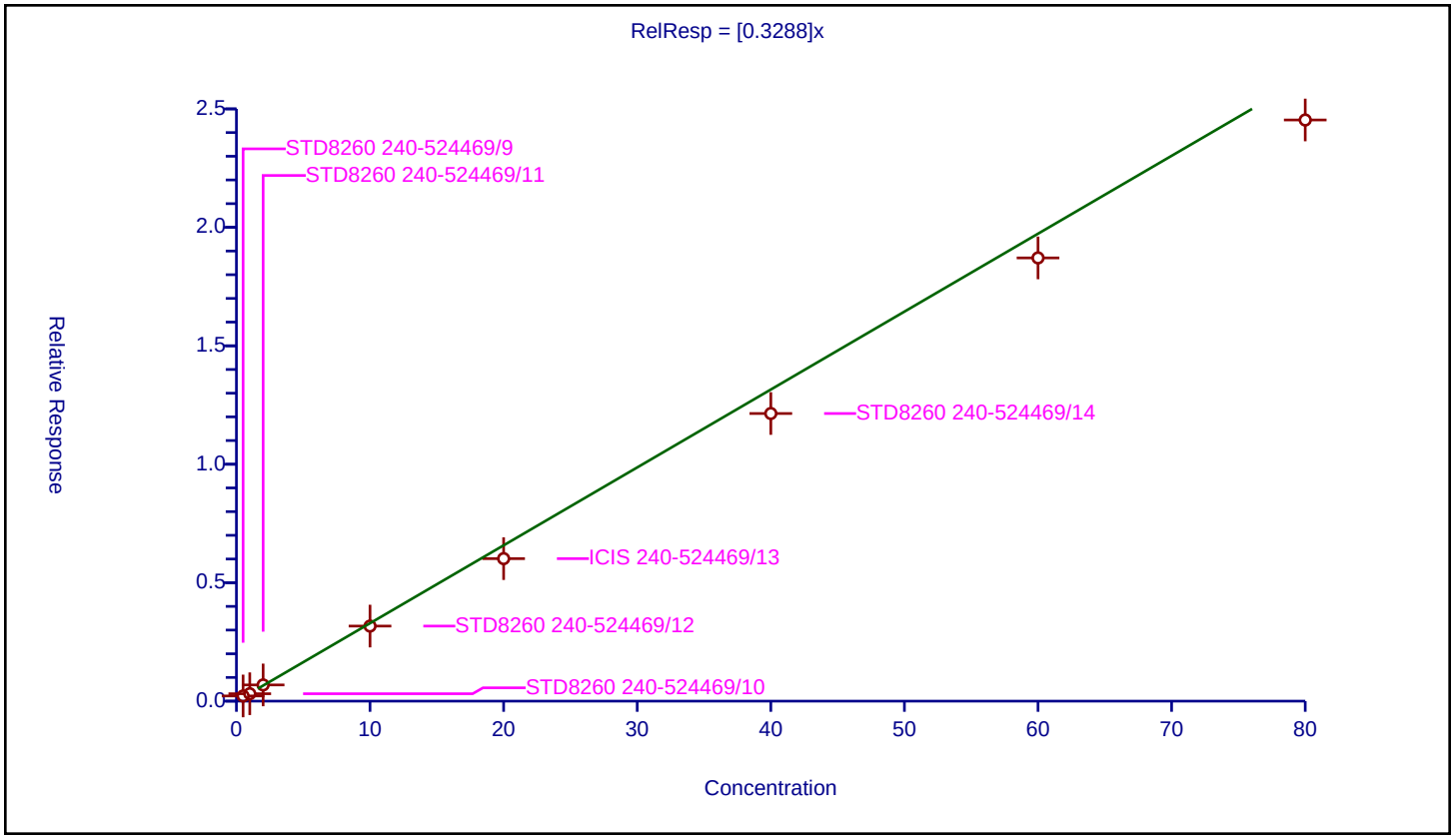
Curve Coefficients

Intercept:	0
Slope:	0.3288

Error Coefficients

Standard Error:	542000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.218104	20.0	727359.0	0.436208	Y
2	STD8260 240-524469/10	1.0	0.312623	20.0	704554.0	0.312623	Y
3	STD8260 240-524469/11	2.0	0.684586	20.0	757480.0	0.342293	Y
4	STD8260 240-524469/12	10.0	3.168785	20.0	733543.0	0.316878	Y
5	ICIS 240-524469/13	20.0	6.0152	20.0	768809.0	0.30076	Y
6	STD8260 240-524469/14	40.0	12.141843	20.0	823277.0	0.303546	Y
7	STD8260 240-524469/15	60.0	18.709731	20.0	825750.0	0.311829	Y
8	STD8260 240-524469/16	80.0	24.531727	20.0	870688.0	0.306647	Y



Calibration / Benzene

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

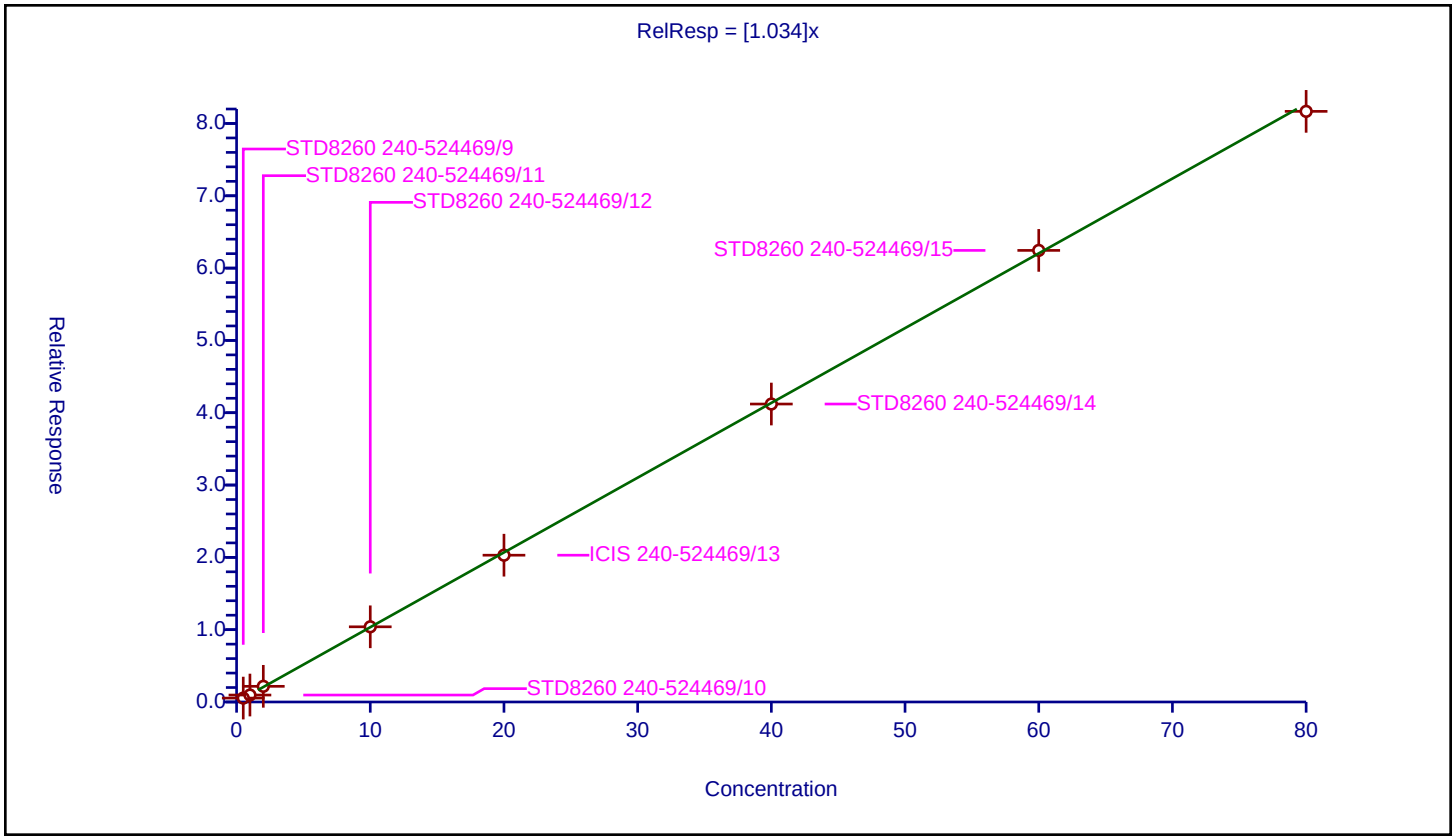
Curve Coefficients

Intercept:	0
Slope:	1.034

Error Coefficients

Standard Error:	1810000
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	STD8260 240-524469/9	0.5	0.540338	20.0	727359.0	1.080677	Y
2	STD8260 240-524469/10	1.0	0.960636	20.0	704554.0	0.960636	Y
3	STD8260 240-524469/11	2.0	2.167424	20.0	757480.0	1.083712	Y
4	STD8260 240-524469/12	10.0	10.398218	20.0	733543.0	1.039822	Y
5	ICIS 240-524469/13	20.0	20.296849	20.0	768809.0	1.014842	Y
6	STD8260 240-524469/14	40.0	41.204868	20.0	823277.0	1.030122	Y
7	STD8260 240-524469/15	60.0	62.449967	20.0	825750.0	1.040833	Y
8	STD8260 240-524469/16	80.0	81.677202	20.0	870688.0	1.020965	Y



Calibration / 1,2-Dichloroethane

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

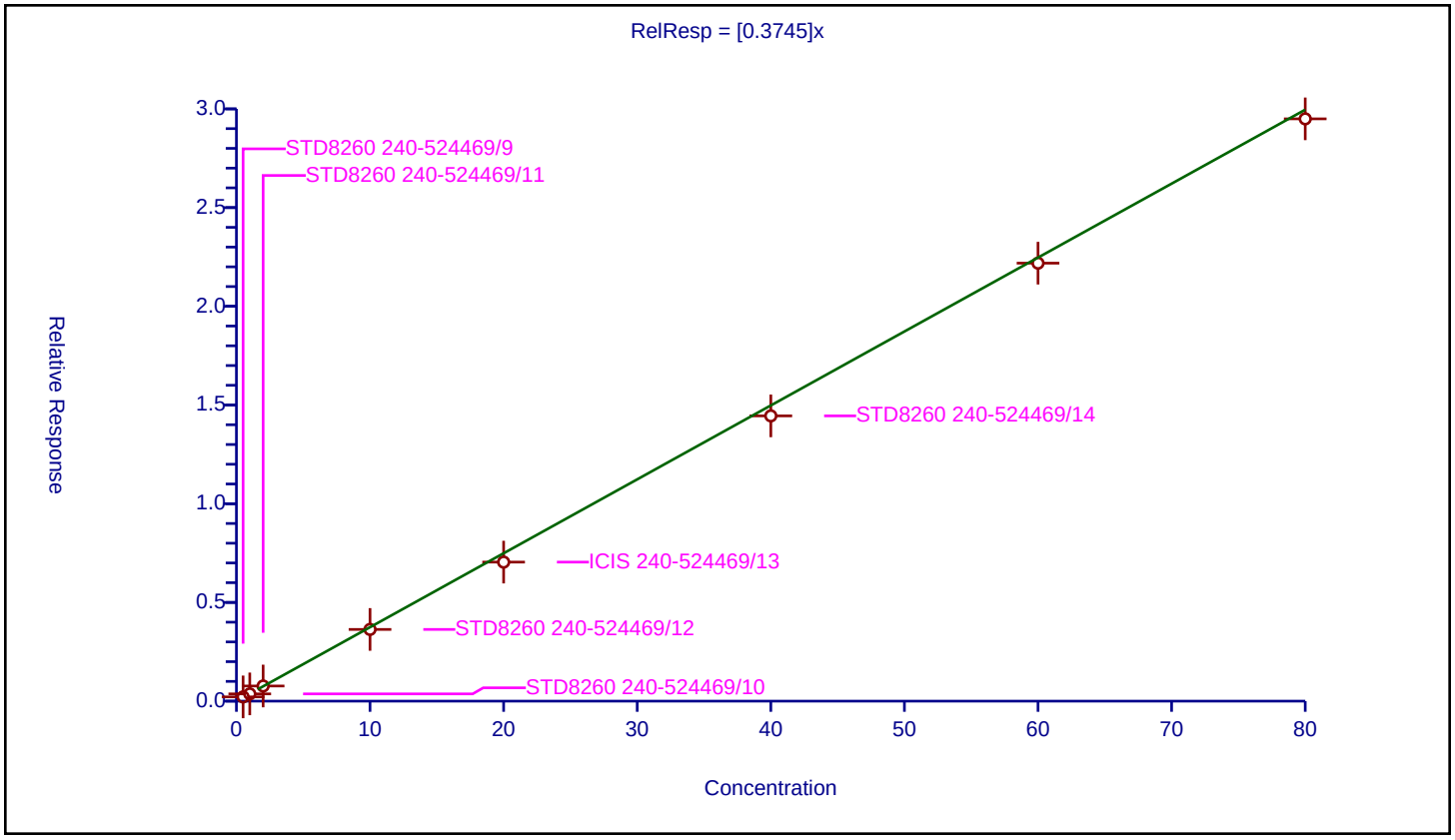
Curve Coefficients

Intercept:	0
Slope:	0.3745

Error Coefficients

Standard Error:	647000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.21464	20.0	727359.0	0.429279	Y
2	STD8260 240-524469/10	1.0	0.367807	20.0	704554.0	0.367807	Y
3	STD8260 240-524469/11	2.0	0.767096	20.0	757480.0	0.383548	Y
4	STD8260 240-524469/12	10.0	3.632916	20.0	733543.0	0.363292	Y
5	ICIS 240-524469/13	20.0	7.042764	20.0	768809.0	0.352138	Y
6	STD8260 240-524469/14	40.0	14.450349	20.0	823277.0	0.361259	Y
7	STD8260 240-524469/15	60.0	22.185456	20.0	825750.0	0.369758	Y
8	STD8260 240-524469/16	80.0	29.495502	20.0	870688.0	0.368694	Y



Calibration / n-Heptane

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

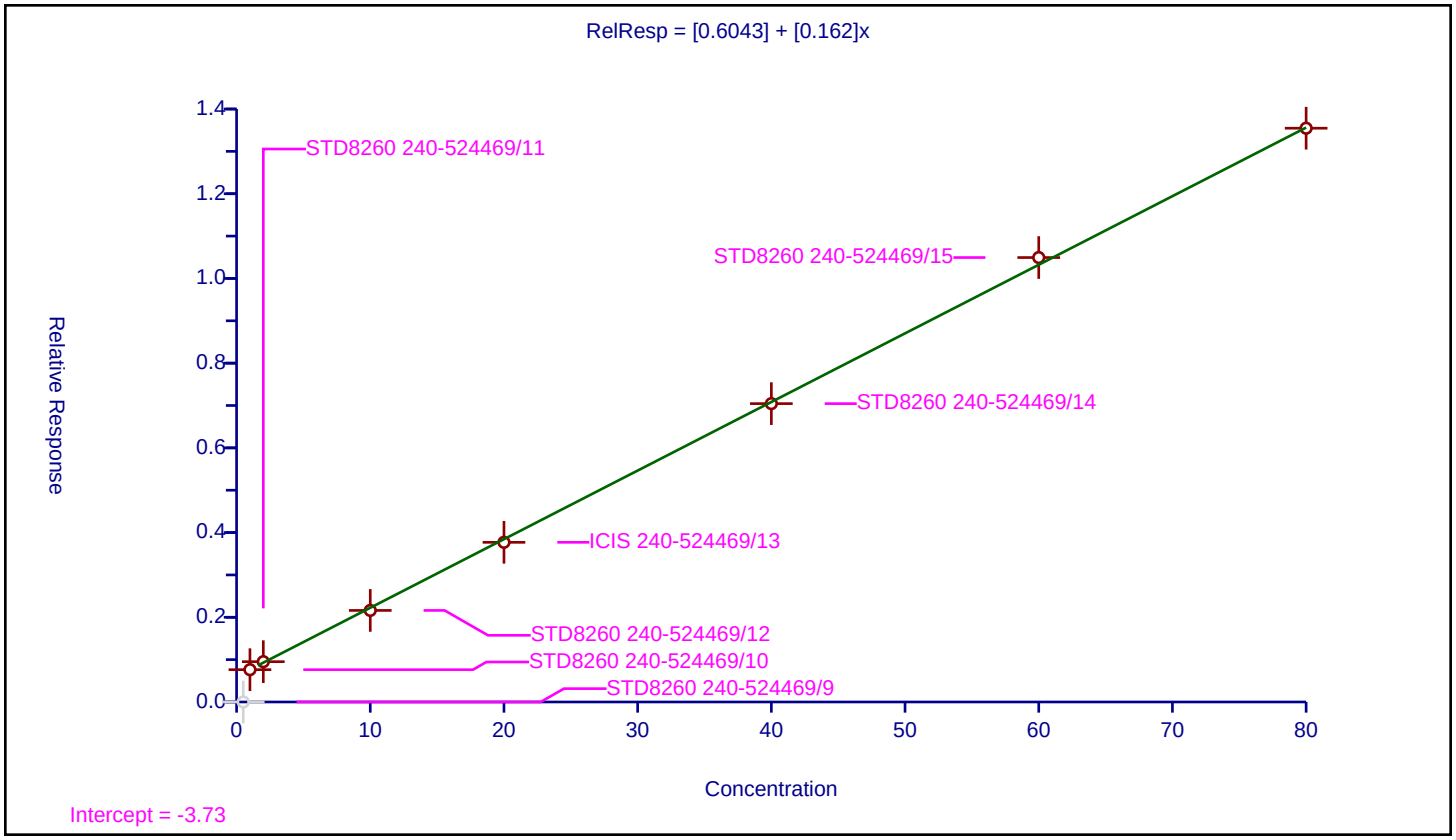
Curve Coefficients

Intercept:	0.6043
Slope:	0.162

Error Coefficients

Standard Error:	360000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.0	20.0	727359.0	0.0	N
2	STD8260 240-524469/10	1.0	0.762979	20.0	704554.0	0.762979	Y
3	STD8260 240-524469/11	2.0	0.951444	20.0	757480.0	0.475722	Y
4	STD8260 240-524469/12	10.0	2.161809	20.0	733543.0	0.216181	Y
5	ICIS 240-524469/13	20.0	3.769857	20.0	768809.0	0.188493	Y
6	STD8260 240-524469/14	40.0	7.044458	20.0	823277.0	0.176111	Y
7	STD8260 240-524469/15	60.0	10.492861	20.0	825750.0	0.174881	Y
8	STD8260 240-524469/16	80.0	13.546781	20.0	870688.0	0.169335	Y



Calibration / Trichloroethene

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

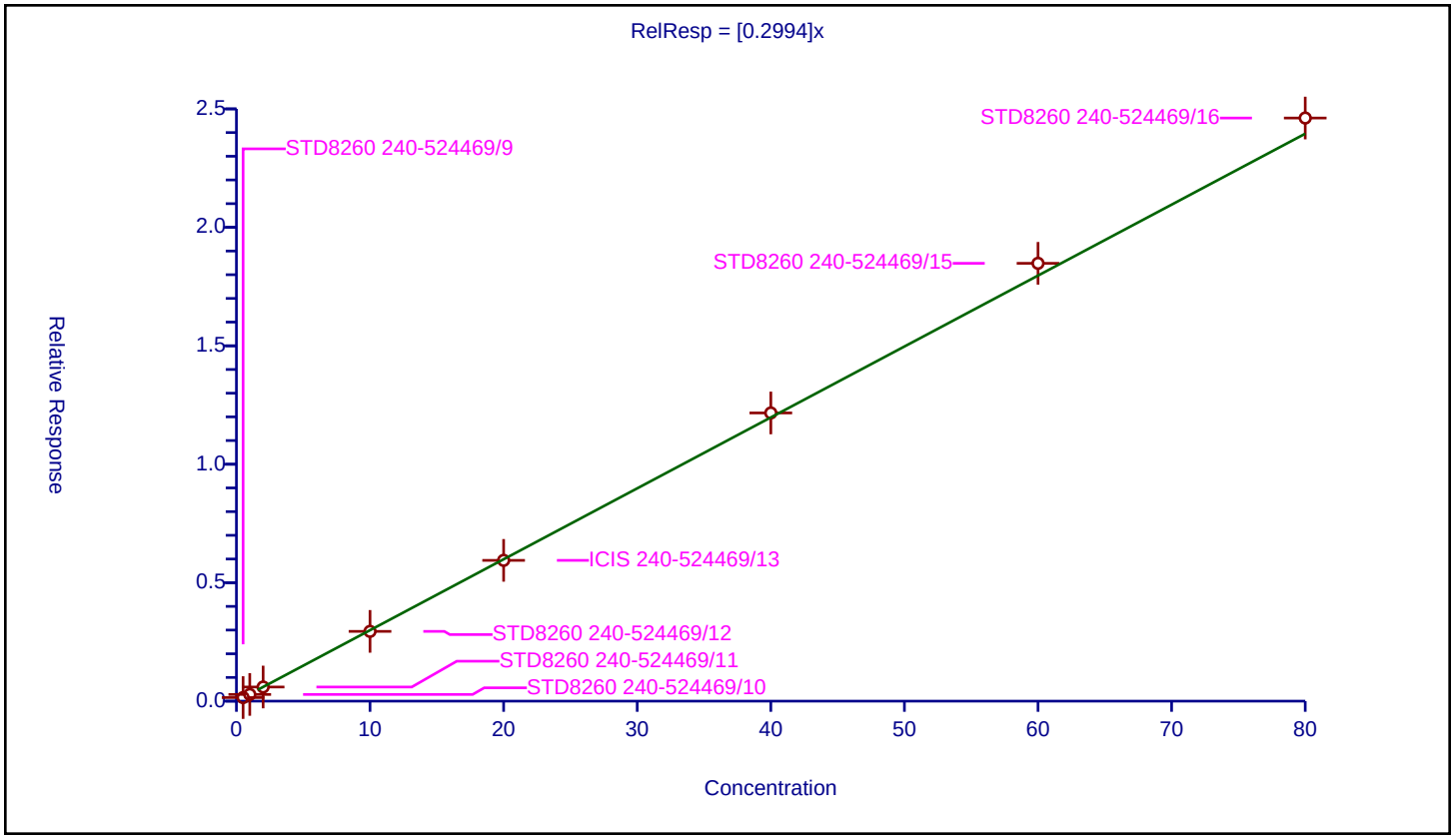
Curve Coefficients

Intercept:	0
Slope:	0.2994

Error Coefficients

Standard Error:	541000
Relative Standard Error:	2.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.151315	20.0	727359.0	0.302629	Y
2	STD8260 240-524469/10	1.0	0.28276	20.0	704554.0	0.28276	Y
3	STD8260 240-524469/11	2.0	0.596847	20.0	757480.0	0.298424	Y
4	STD8260 240-524469/12	10.0	2.944558	20.0	733543.0	0.294456	Y
5	ICIS 240-524469/13	20.0	5.941918	20.0	768809.0	0.297096	Y
6	STD8260 240-524469/14	40.0	12.165262	20.0	823277.0	0.304132	Y
7	STD8260 240-524469/15	60.0	18.481792	20.0	825750.0	0.30803	Y
8	STD8260 240-524469/16	80.0	24.614718	20.0	870688.0	0.307684	Y



Calibration / 1,2-Dichloropropane

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

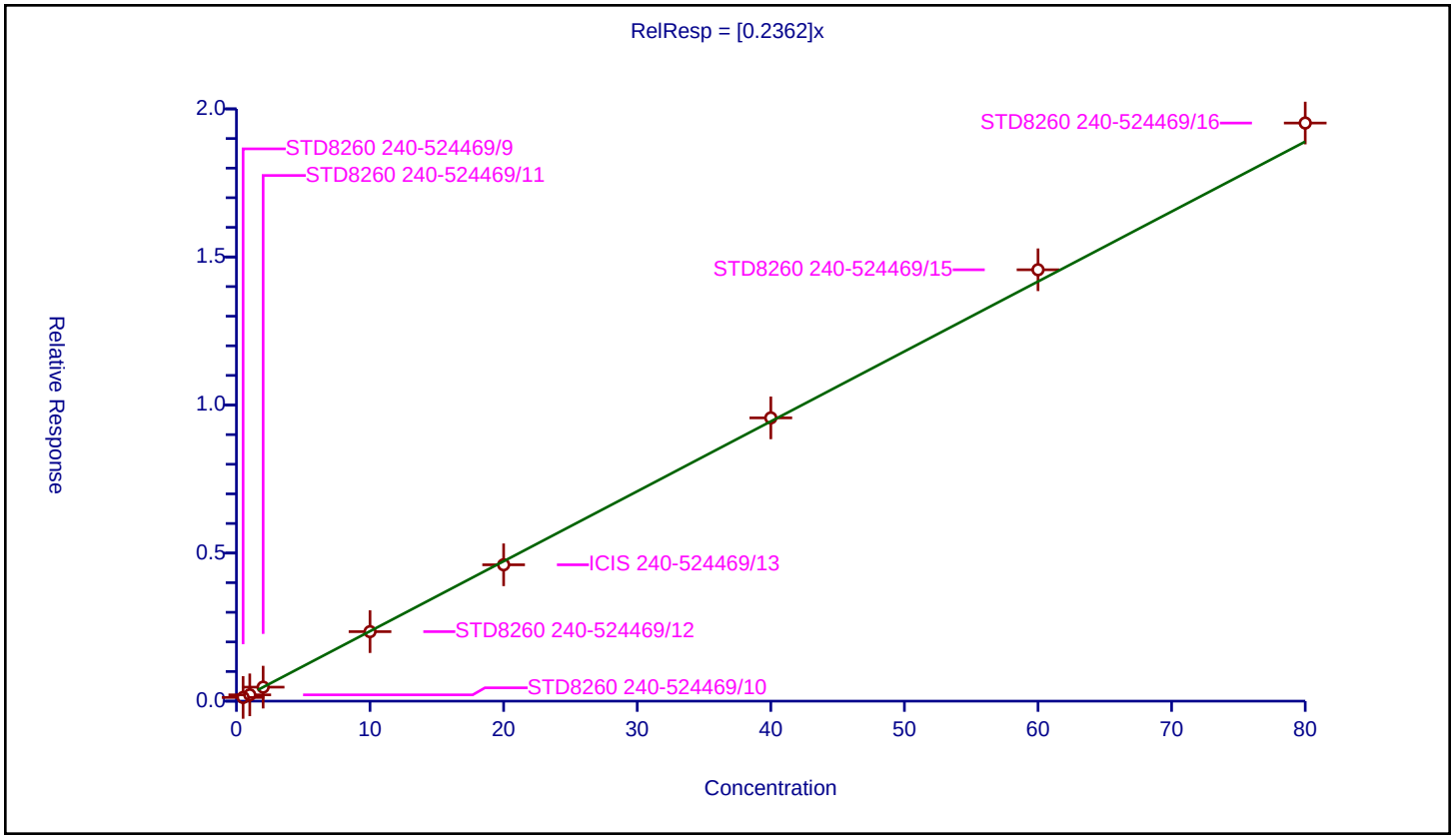
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Standard Error:	427000
Relative Standard Error:	4.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.124918	20.0	727359.0	0.249835	Y
2	STD8260 240-524469/10	1.0	0.212446	20.0	704554.0	0.212446	Y
3	STD8260 240-524469/11	2.0	0.472514	20.0	757480.0	0.236257	Y
4	STD8260 240-524469/12	10.0	2.347074	20.0	733543.0	0.234707	Y
5	ICIS 240-524469/13	20.0	4.604551	20.0	768809.0	0.230228	Y
6	STD8260 240-524469/14	40.0	9.565553	20.0	823277.0	0.239139	Y
7	STD8260 240-524469/15	60.0	14.567484	20.0	825750.0	0.242791	Y
8	STD8260 240-524469/16	80.0	19.522607	20.0	870688.0	0.244033	Y



Calibration / Methylcyclohexane

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

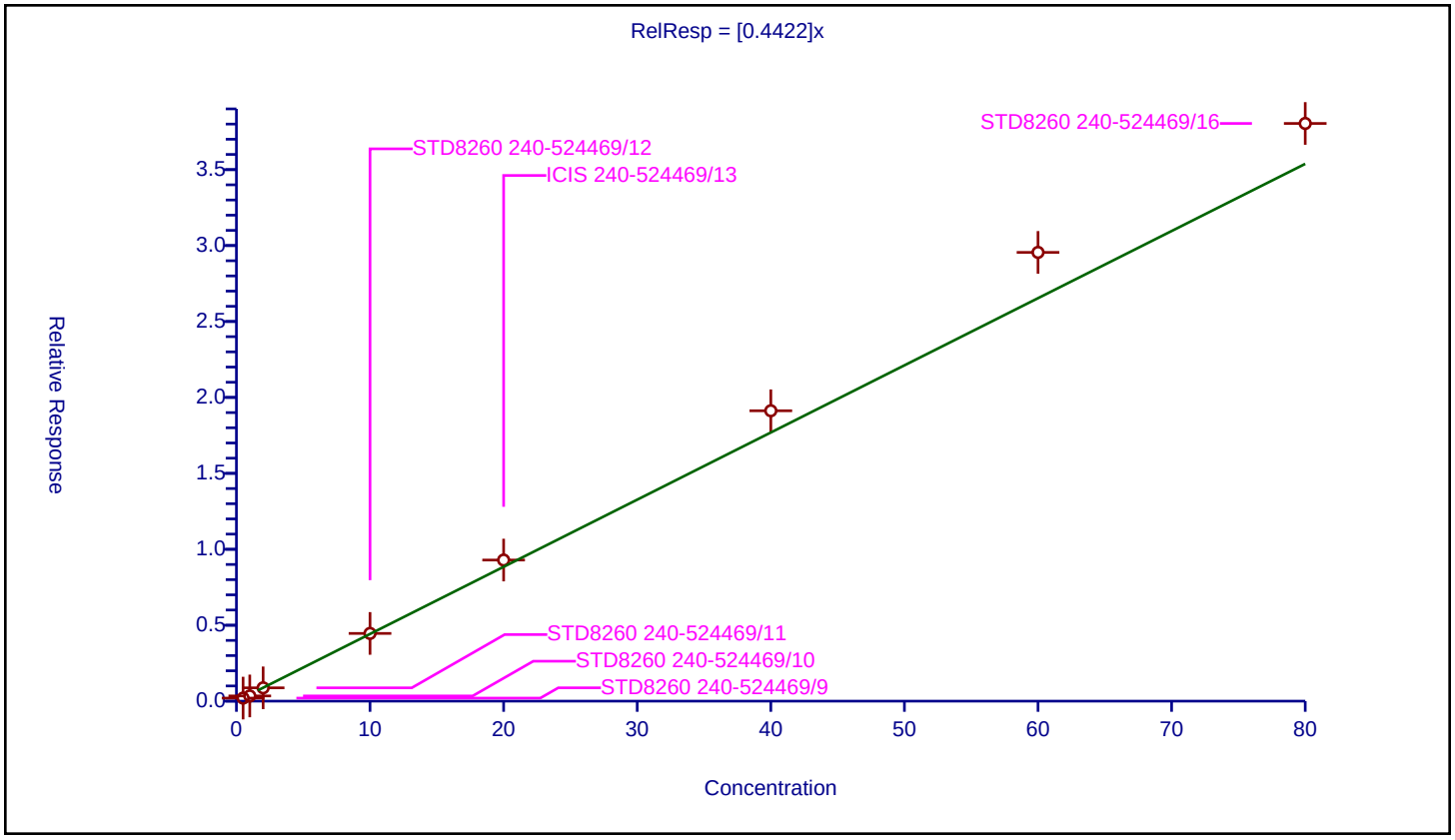
Curve Coefficients

Intercept:	0
Slope:	0.4422

Error Coefficients

Standard Error:	846000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.199984	20.0	727359.0	0.399968	Y
2	STD8260 240-524469/10	1.0	0.343281	20.0	704554.0	0.343281	Y
3	STD8260 240-524469/11	2.0	0.8763	20.0	757480.0	0.43815	Y
4	STD8260 240-524469/12	10.0	4.459589	20.0	733543.0	0.445959	Y
5	ICIS 240-524469/13	20.0	9.29128	20.0	768809.0	0.464564	Y
6	STD8260 240-524469/14	40.0	19.122288	20.0	823277.0	0.478057	Y
7	STD8260 240-524469/15	60.0	29.549282	20.0	825750.0	0.492488	Y
8	STD8260 240-524469/16	80.0	38.039941	20.0	870688.0	0.475499	Y



Calibration / 1,4-Dioxane

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

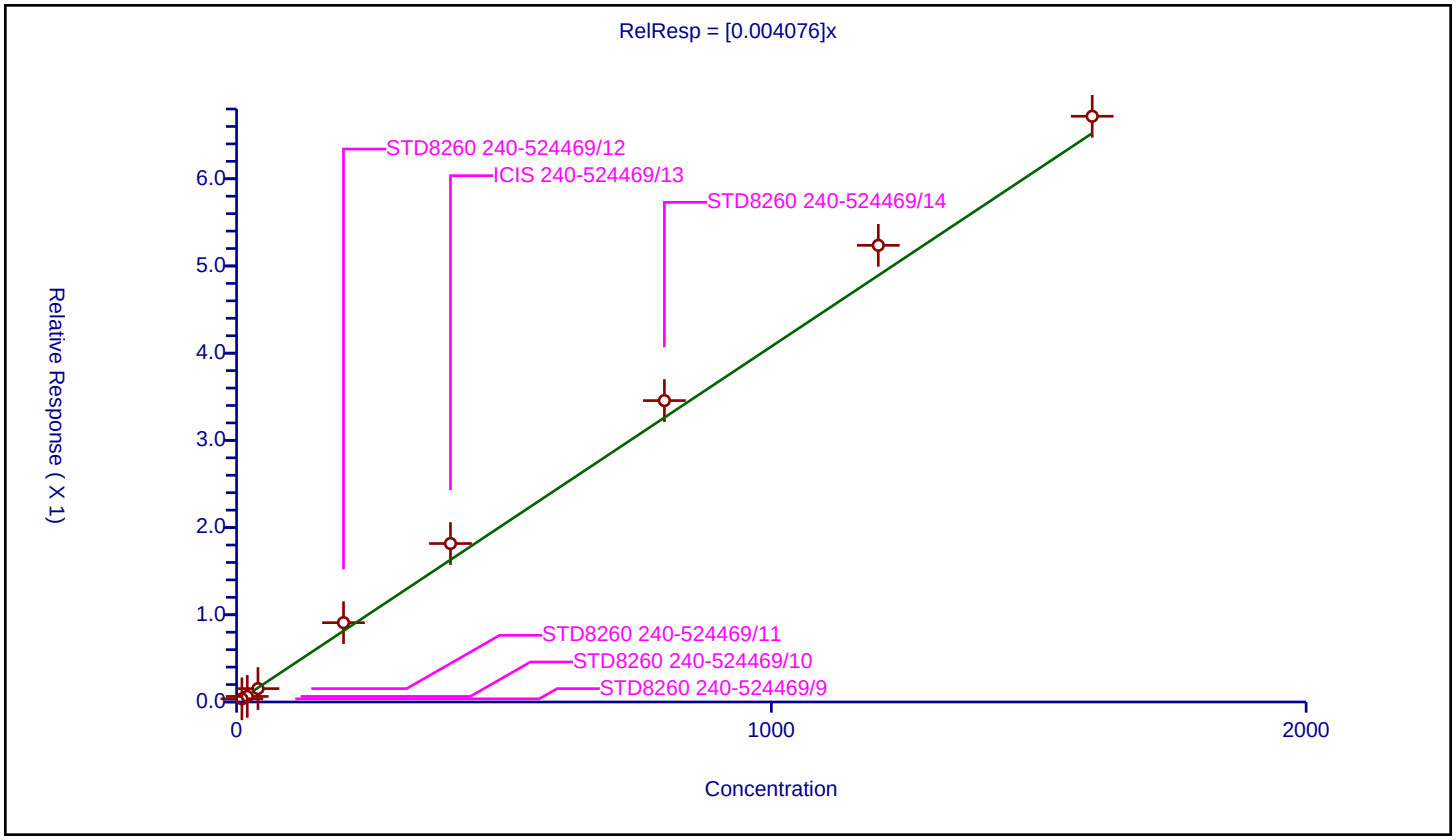
Curve Coefficients

Intercept:	0
Slope:	0.004076

Error Coefficients

Standard Error:	150000
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	STD8260 240-524469/9	10.0	0.036186	20.0	727359.0	0.003619	Y
2	STD8260 240-524469/10	20.0	0.063728	20.0	704554.0	0.003186	Y
3	STD8260 240-524469/11	40.0	0.153298	20.0	757480.0	0.003832	Y
4	STD8260 240-524469/12	200.0	0.90964	20.0	733543.0	0.004548	Y
5	ICIS 240-524469/13	400.0	1.817382	20.0	768809.0	0.004543	Y
6	STD8260 240-524469/14	800.0	3.456261	20.0	823277.0	0.00432	Y
7	STD8260 240-524469/15	1200.0	5.236718	20.0	825750.0	0.004364	Y
8	STD8260 240-524469/16	1600.0	6.716711	20.0	870688.0	0.004198	Y



Calibration / Dibromomethane

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

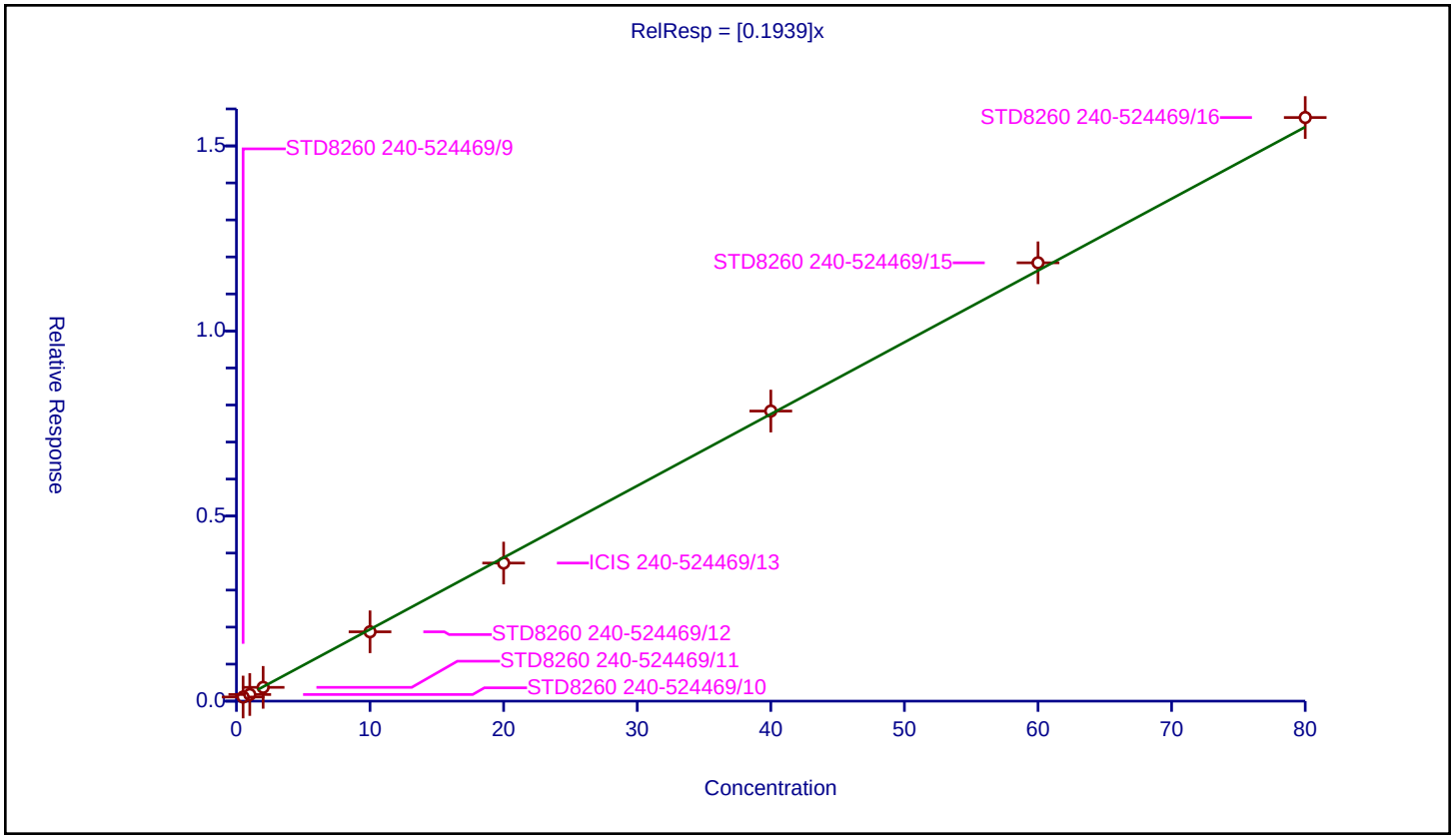
Curve Coefficients

Intercept:	0
Slope:	0.1939

Error Coefficients

Standard Error:	346000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.110949	20.0	727359.0	0.221899	Y
2	STD8260 240-524469/10	1.0	0.178666	20.0	704554.0	0.178666	Y
3	STD8260 240-524469/11	2.0	0.372551	20.0	757480.0	0.186276	Y
4	STD8260 240-524469/12	10.0	1.873264	20.0	733543.0	0.187326	Y
5	ICIS 240-524469/13	20.0	3.730654	20.0	768809.0	0.186533	Y
6	STD8260 240-524469/14	40.0	7.836512	20.0	823277.0	0.195913	Y
7	STD8260 240-524469/15	60.0	11.842204	20.0	825750.0	0.19737	Y
8	STD8260 240-524469/16	80.0	15.766796	20.0	870688.0	0.197085	Y



Calibration / Dichlorobromomethane

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

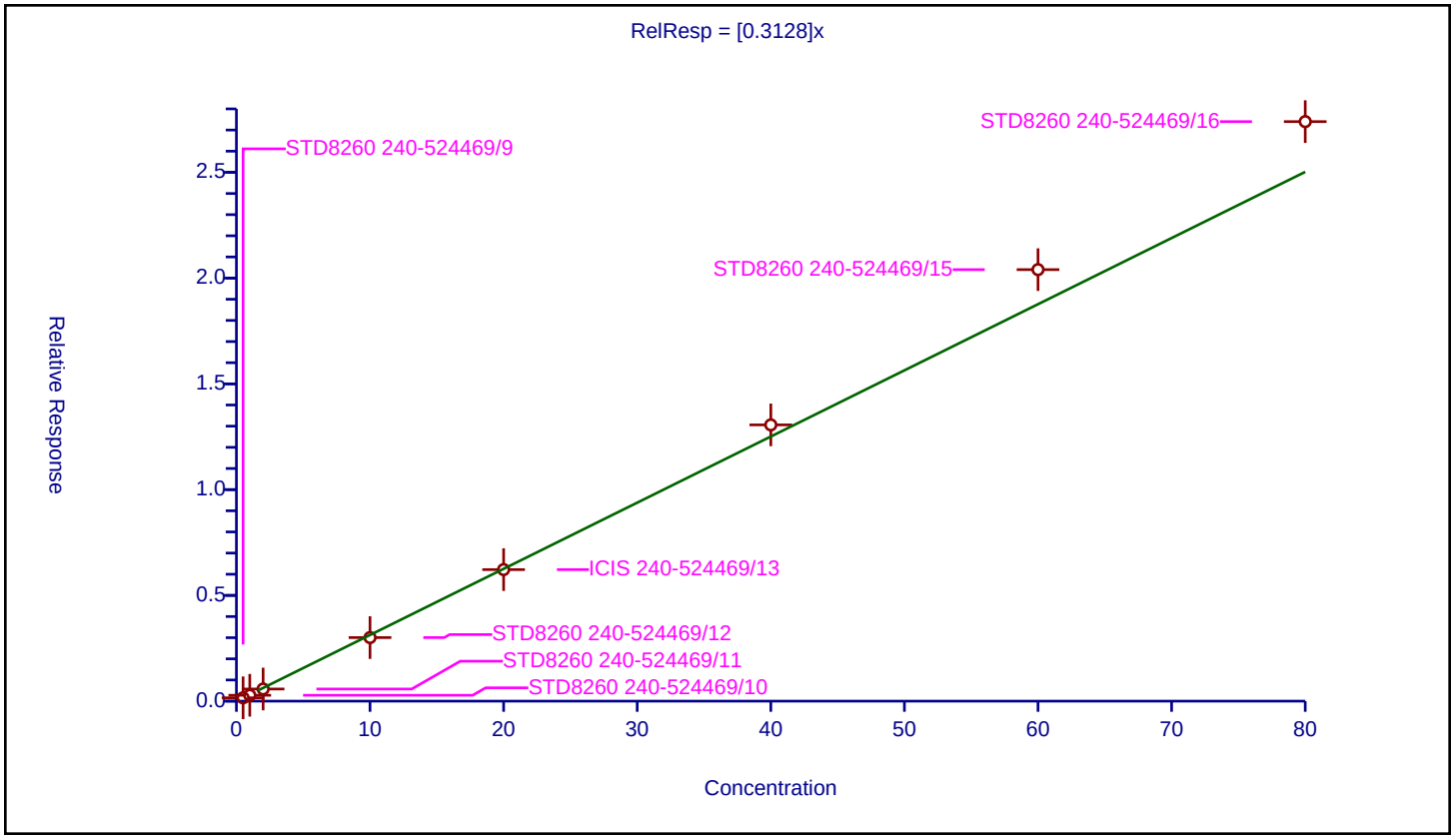
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Standard Error:	597000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.158601	20.0	727359.0	0.317202	Y
2	STD8260 240-524469/10	1.0	0.277679	20.0	704554.0	0.277679	Y
3	STD8260 240-524469/11	2.0	0.573586	20.0	757480.0	0.286793	Y
4	STD8260 240-524469/12	10.0	3.004541	20.0	733543.0	0.300454	Y
5	ICIS 240-524469/13	20.0	6.2191	20.0	768809.0	0.310955	Y
6	STD8260 240-524469/14	40.0	13.060926	20.0	823277.0	0.326523	Y
7	STD8260 240-524469/15	60.0	20.400896	20.0	825750.0	0.340015	Y
8	STD8260 240-524469/16	80.0	27.398356	20.0	870688.0	0.342479	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

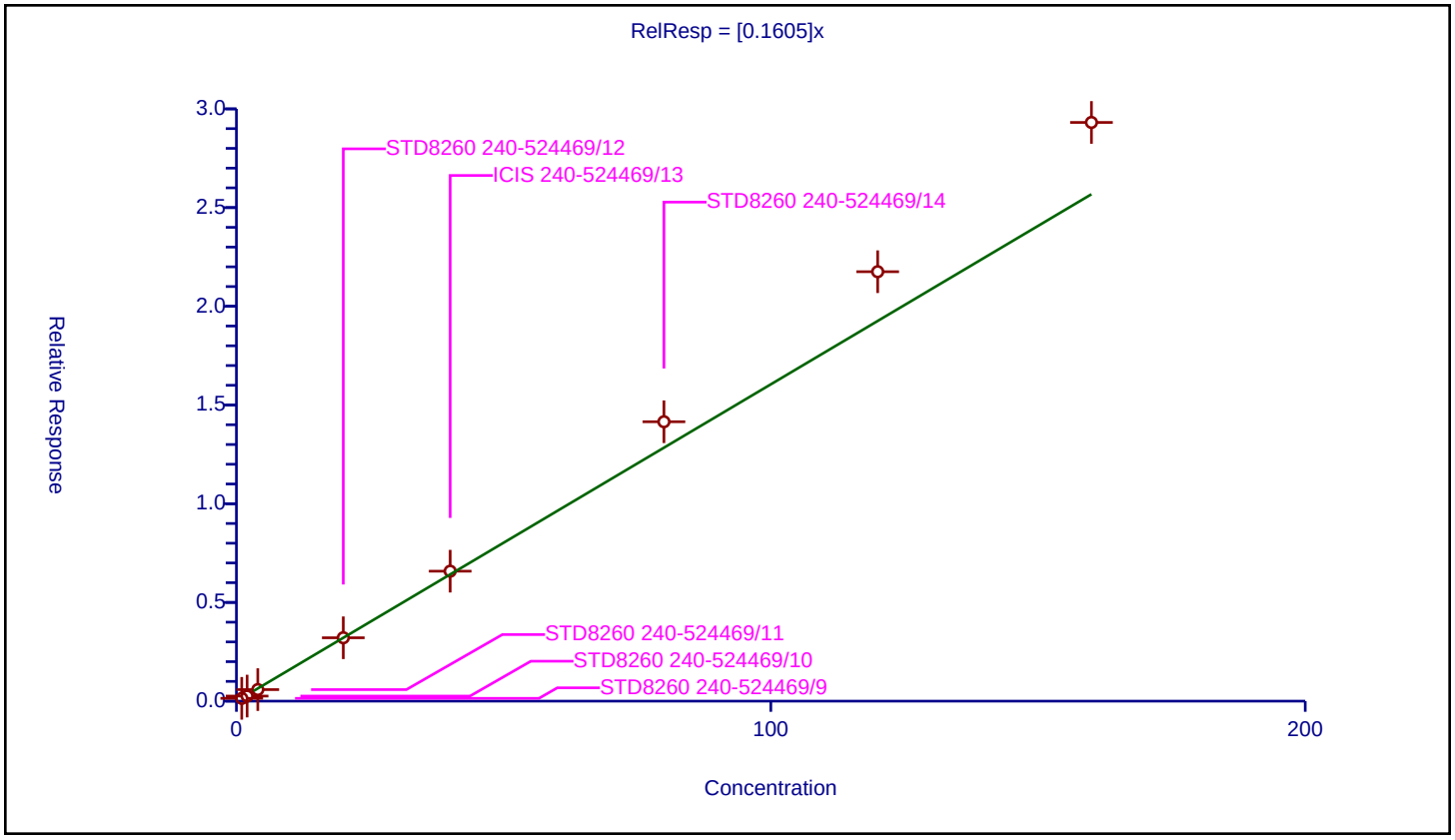
Curve Coefficients

Intercept:	0
Slope:	0.1605

Error Coefficients

Standard Error:	638000
Relative Standard Error:	12.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.142543	20.0	727359.0	0.142543	Y
2	STD8260 240-524469/10	2.0	0.257354	20.0	704554.0	0.128677	Y
3	STD8260 240-524469/11	4.0	0.584438	20.0	757480.0	0.146109	Y
4	STD8260 240-524469/12	20.0	3.210337	20.0	733543.0	0.160517	Y
5	ICIS 240-524469/13	40.0	6.583352	20.0	768809.0	0.164584	Y
6	STD8260 240-524469/14	80.0	14.153317	20.0	823277.0	0.176916	Y
7	STD8260 240-524469/15	120.0	21.752395	20.0	825750.0	0.18127	Y
8	STD8260 240-524469/16	160.0	29.312957	20.0	870688.0	0.183206	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

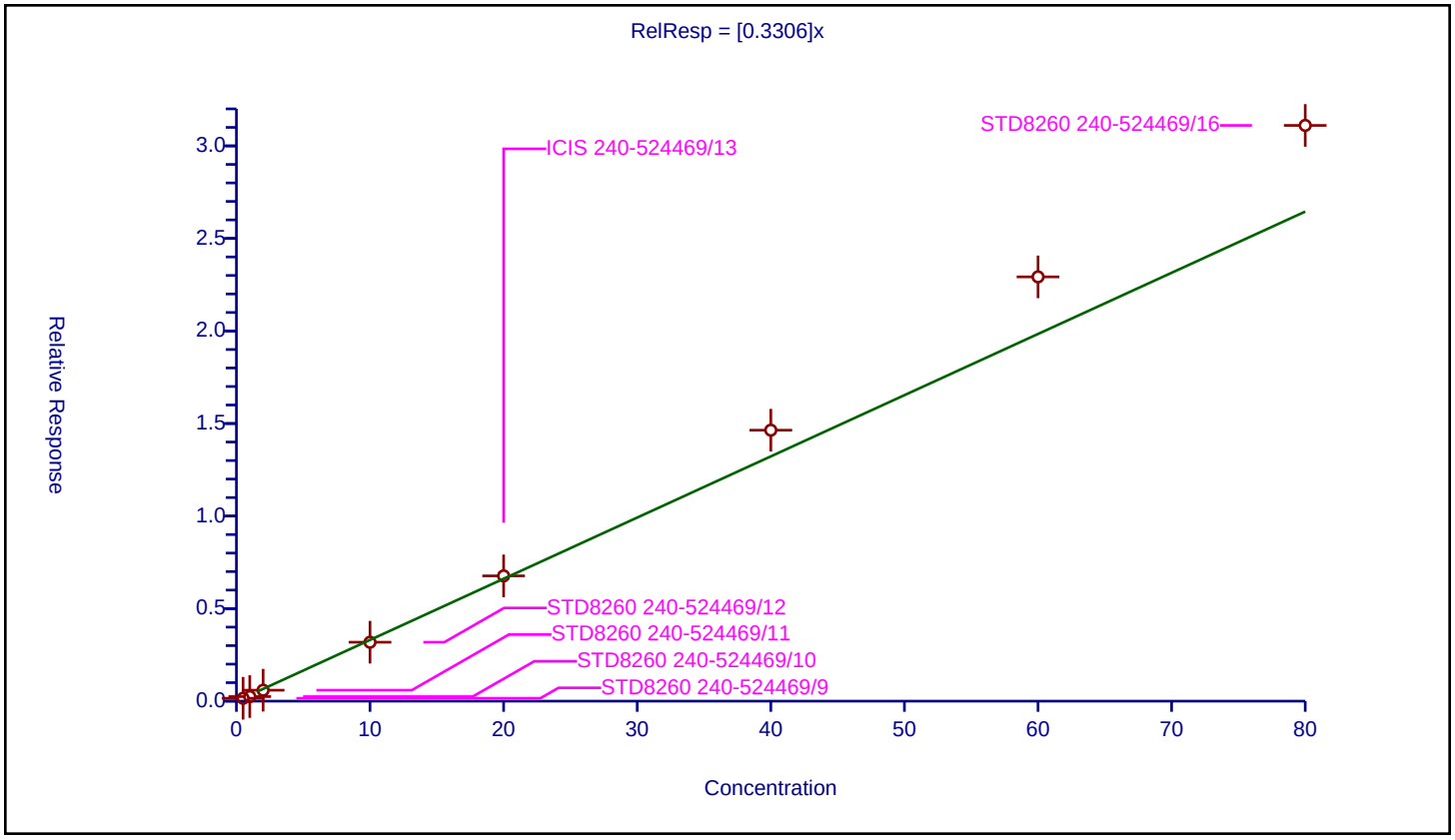
Curve Coefficients

Intercept:	0
Slope:	0.3306

Error Coefficients

Standard Error:	673000
Relative Standard Error:	14.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.154587	20.0	727359.0	0.309173	Y
2	STD8260 240-524469/10	1.0	0.247022	20.0	704554.0	0.247022	Y
3	STD8260 240-524469/11	2.0	0.590194	20.0	757480.0	0.295097	Y
4	STD8260 240-524469/12	10.0	3.183753	20.0	733543.0	0.318375	Y
5	ICIS 240-524469/13	20.0	6.768339	20.0	768809.0	0.338417	Y
6	STD8260 240-524469/14	40.0	14.641075	20.0	823277.0	0.366027	Y
7	STD8260 240-524469/15	60.0	22.924299	20.0	825750.0	0.382072	Y
8	STD8260 240-524469/16	80.0	31.106481	20.0	870688.0	0.388831	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

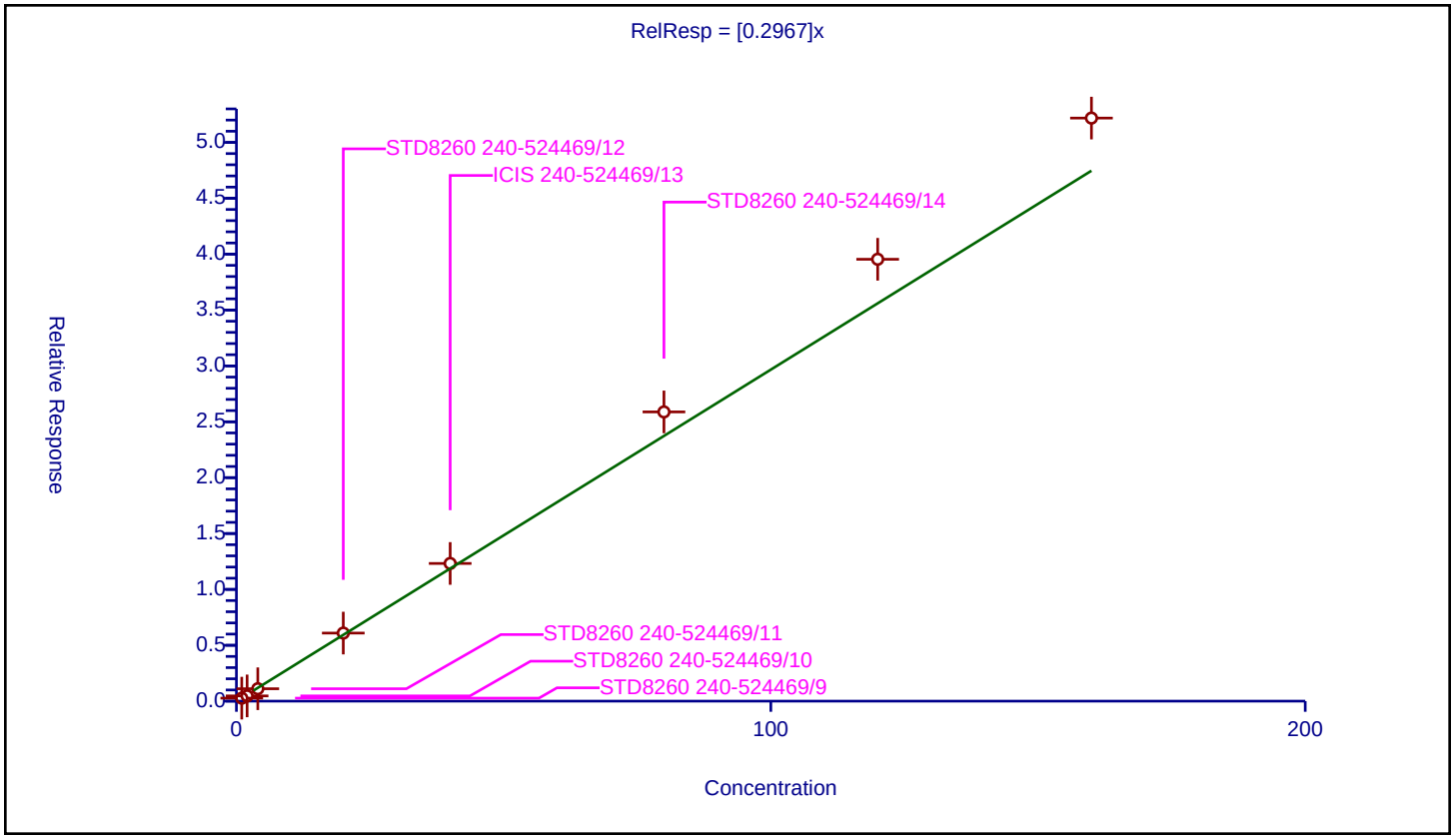
Curve Coefficients

Intercept:	0
Slope:	0.2967

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	11.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.269248	20.0	727359.0	0.269248	Y
2	STD8260 240-524469/10	2.0	0.469432	20.0	704554.0	0.234716	Y
3	STD8260 240-524469/11	4.0	1.11034	20.0	757480.0	0.277585	Y
4	STD8260 240-524469/12	20.0	6.089895	20.0	733543.0	0.304495	Y
5	ICIS 240-524469/13	40.0	12.320589	20.0	768809.0	0.308015	Y
6	STD8260 240-524469/14	80.0	25.883099	20.0	823277.0	0.323539	Y
7	STD8260 240-524469/15	120.0	39.5433	20.0	825750.0	0.329528	Y
8	STD8260 240-524469/16	160.0	52.177198	20.0	870688.0	0.326107	Y



Calibration / Toluene-d8 (Surr)

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

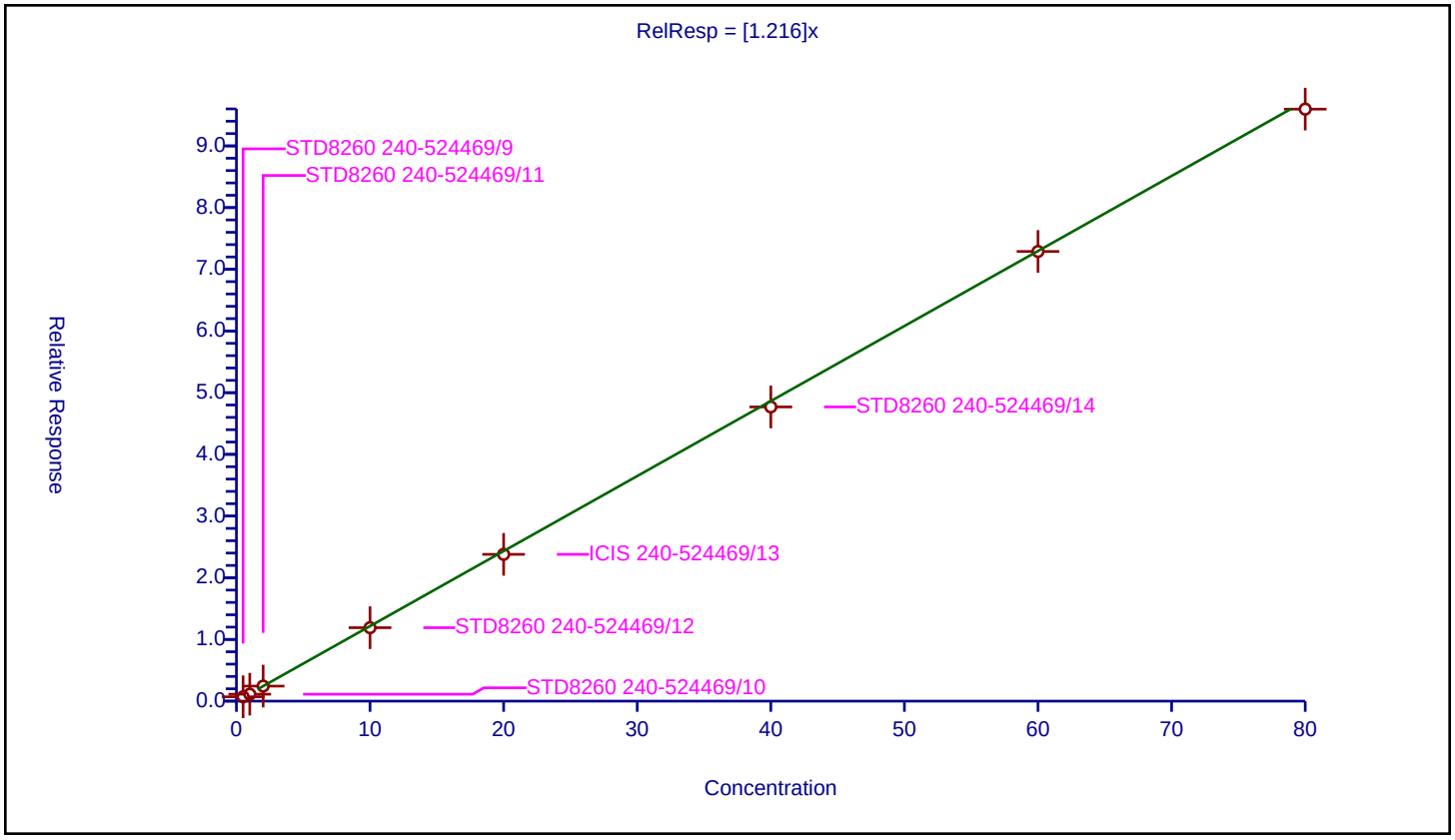
Curve Coefficients

Intercept:	0
Slope:	1.216

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	6.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.699978	20.0	584704.0	1.399956	Y
2	STD8260 240-524469/10	1.0	1.122869	20.0	549022.0	1.122869	Y
3	STD8260 240-524469/11	2.0	2.438213	20.0	596732.0	1.219107	Y
4	STD8260 240-524469/12	10.0	11.905825	20.0	587630.0	1.190583	Y
5	ICIS 240-524469/13	20.0	23.794627	20.0	611064.0	1.189731	Y
6	STD8260 240-524469/14	40.0	47.690466	20.0	663926.0	1.192262	Y
7	STD8260 240-524469/15	60.0	72.891594	20.0	658322.0	1.21486	Y
8	STD8260 240-524469/16	80.0	95.962971	20.0	700099.0	1.199537	Y



Calibration / Toluene

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

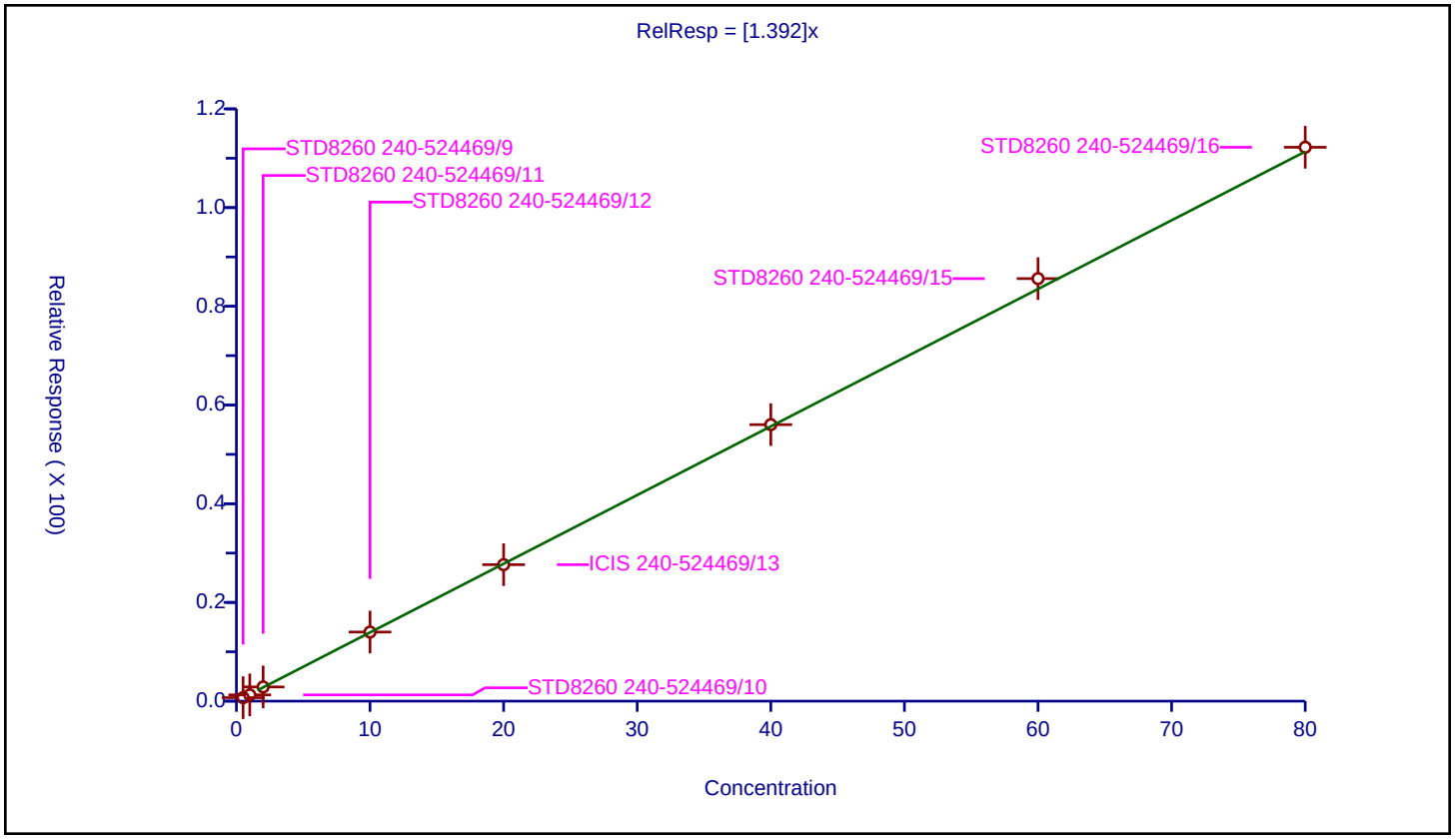
Curve Coefficients

Intercept:	0
Slope:	1.392

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.706135	20.0	584704.0	1.41227	Y
2	STD8260 240-524469/10	1.0	1.269129	20.0	549022.0	1.269129	Y
3	STD8260 240-524469/11	2.0	2.880556	20.0	596732.0	1.440278	Y
4	STD8260 240-524469/12	10.0	14.000034	20.0	587630.0	1.400003	Y
5	ICIS 240-524469/13	20.0	27.647382	20.0	611064.0	1.382369	Y
6	STD8260 240-524469/14	40.0	56.024105	20.0	663926.0	1.400603	Y
7	STD8260 240-524469/15	60.0	85.614699	20.0	658322.0	1.426912	Y
8	STD8260 240-524469/16	80.0	112.222529	20.0	700099.0	1.402782	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

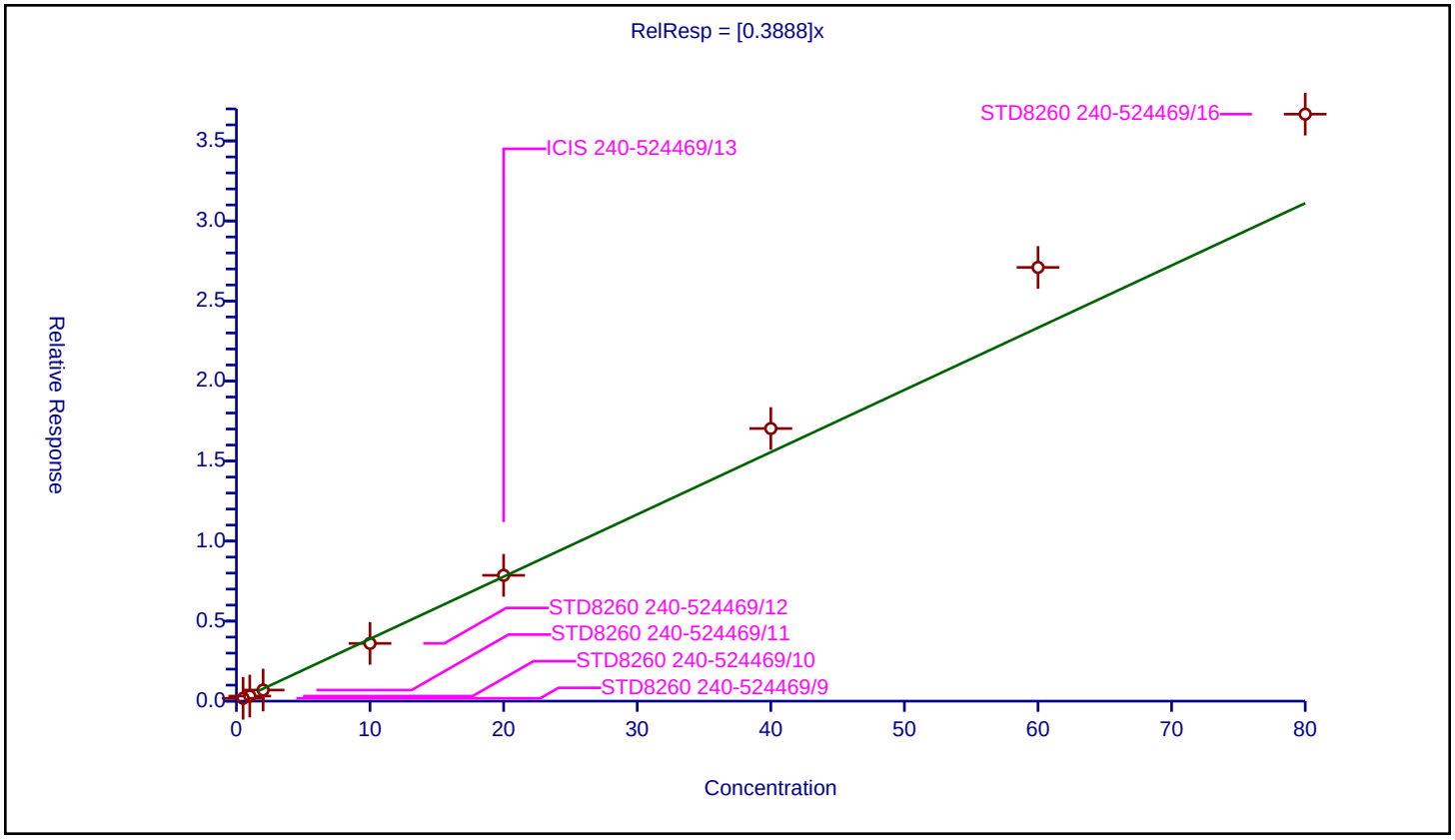
Curve Coefficients

Intercept:	0
Slope:	0.3888

Error Coefficients

Standard Error:	636000
Relative Standard Error:	13.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.178483	20.0	584704.0	0.356967	Y
2	STD8260 240-524469/10	1.0	0.317255	20.0	549022.0	0.317255	Y
3	STD8260 240-524469/11	2.0	0.693812	20.0	596732.0	0.346906	Y
4	STD8260 240-524469/12	10.0	3.606589	20.0	587630.0	0.360659	Y
5	ICIS 240-524469/13	20.0	7.859504	20.0	611064.0	0.392975	Y
6	STD8260 240-524469/14	40.0	17.032681	20.0	663926.0	0.425817	Y
7	STD8260 240-524469/15	60.0	27.096223	20.0	658322.0	0.451604	Y
8	STD8260 240-524469/16	80.0	36.670757	20.0	700099.0	0.458384	Y



Calibration / Ethyl methacrylate

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

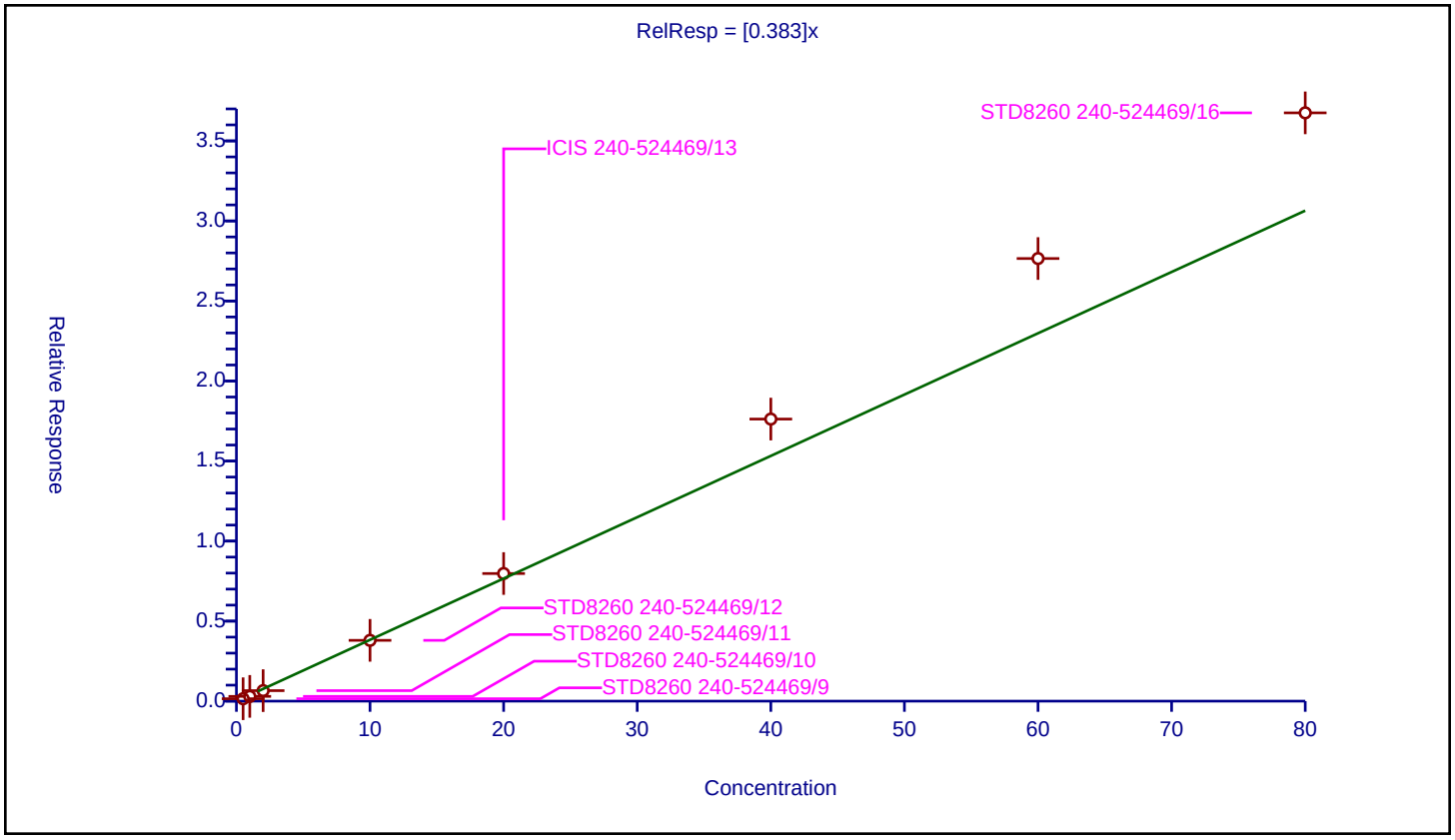
Curve Coefficients

Intercept:	0
Slope:	0.383

Error Coefficients

Standard Error:	643000
Relative Standard Error:	17.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.150298	20.0	584704.0	0.300597	Y
2	STD8260 240-524469/10	1.0	0.296527	20.0	549022.0	0.296527	Y
3	STD8260 240-524469/11	2.0	0.655839	20.0	596732.0	0.327919	Y
4	STD8260 240-524469/12	10.0	3.797117	20.0	587630.0	0.379712	Y
5	ICIS 240-524469/13	20.0	7.97216	20.0	611064.0	0.398608	Y
6	STD8260 240-524469/14	40.0	17.621482	20.0	663926.0	0.440537	Y
7	STD8260 240-524469/15	60.0	27.652517	20.0	658322.0	0.460875	Y
8	STD8260 240-524469/16	80.0	36.751974	20.0	700099.0	0.4594	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

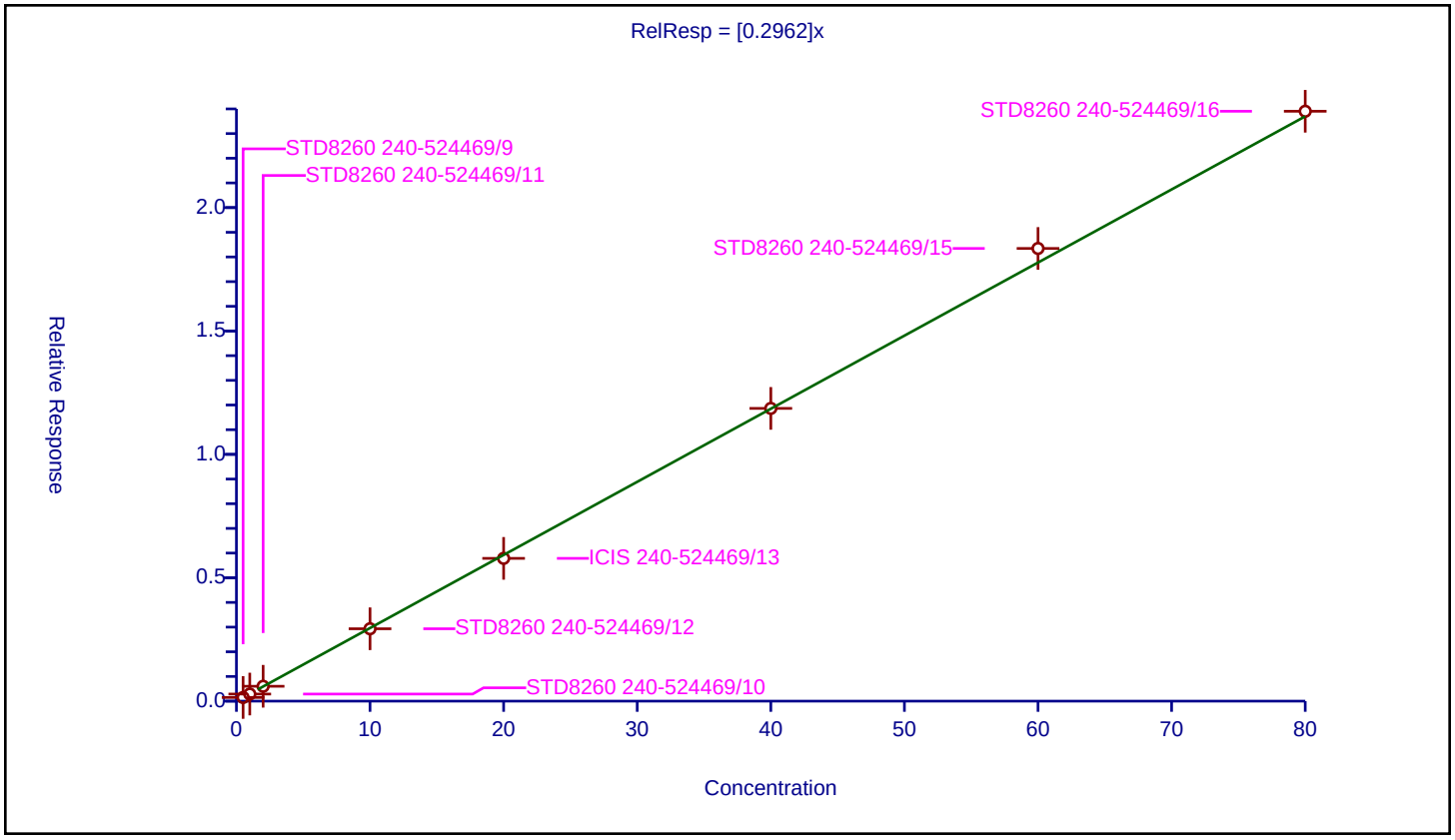
Curve Coefficients

Intercept:	0
Slope:	0.2962

Error Coefficients

Standard Error:	424000
Relative Standard Error:	2.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.148554	20.0	584704.0	0.297108	Y
2	STD8260 240-524469/10	1.0	0.287457	20.0	549022.0	0.287457	Y
3	STD8260 240-524469/11	2.0	0.602817	20.0	596732.0	0.301408	Y
4	STD8260 240-524469/12	10.0	2.93324	20.0	587630.0	0.293324	Y
5	ICIS 240-524469/13	20.0	5.786137	20.0	611064.0	0.289307	Y
6	STD8260 240-524469/14	40.0	11.86325	20.0	663926.0	0.296581	Y
7	STD8260 240-524469/15	60.0	18.344032	20.0	658322.0	0.305734	Y
8	STD8260 240-524469/16	80.0	23.903962	20.0	700099.0	0.2988	Y



Calibration / Tetrachloroethene

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

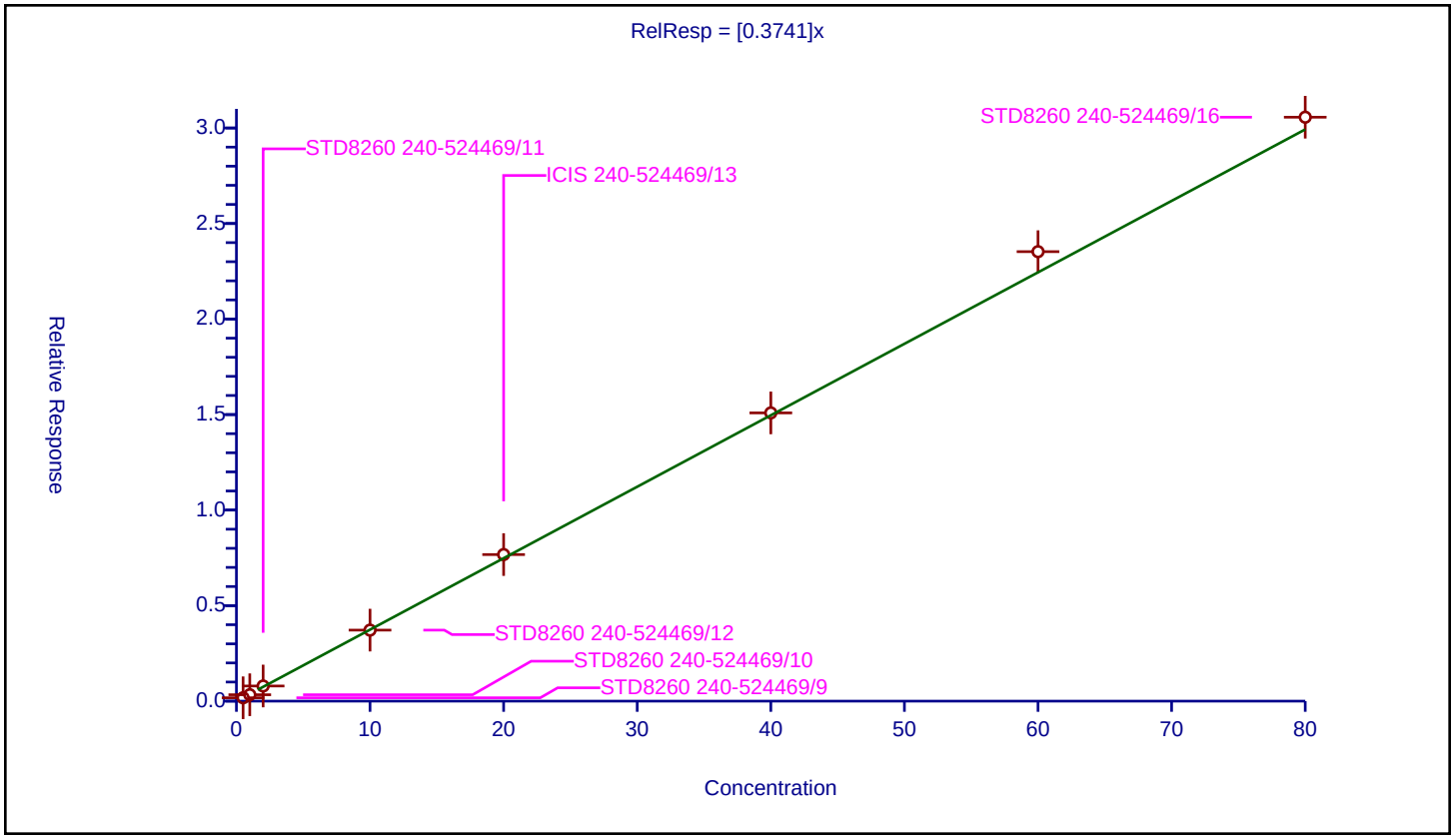
Curve Coefficients

Intercept:	0
Slope:	0.3741

Error Coefficients

Standard Error:	543000
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	STD8260 240-524469/9	0.5	0.176705	20.0	584704.0	0.35341	Y
2	STD8260 240-524469/10	1.0	0.335943	20.0	549022.0	0.335943	Y
3	STD8260 240-524469/11	2.0	0.792885	20.0	596732.0	0.396443	Y
4	STD8260 240-524469/12	10.0	3.716965	20.0	587630.0	0.371696	Y
5	ICIS 240-524469/13	20.0	7.671766	20.0	611064.0	0.383588	Y
6	STD8260 240-524469/14	40.0	15.088338	20.0	663926.0	0.377208	Y
7	STD8260 240-524469/15	60.0	23.528182	20.0	658322.0	0.392136	Y
8	STD8260 240-524469/16	80.0	30.564534	20.0	700099.0	0.382057	Y



Calibration / 1,3-Dichloropropane

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

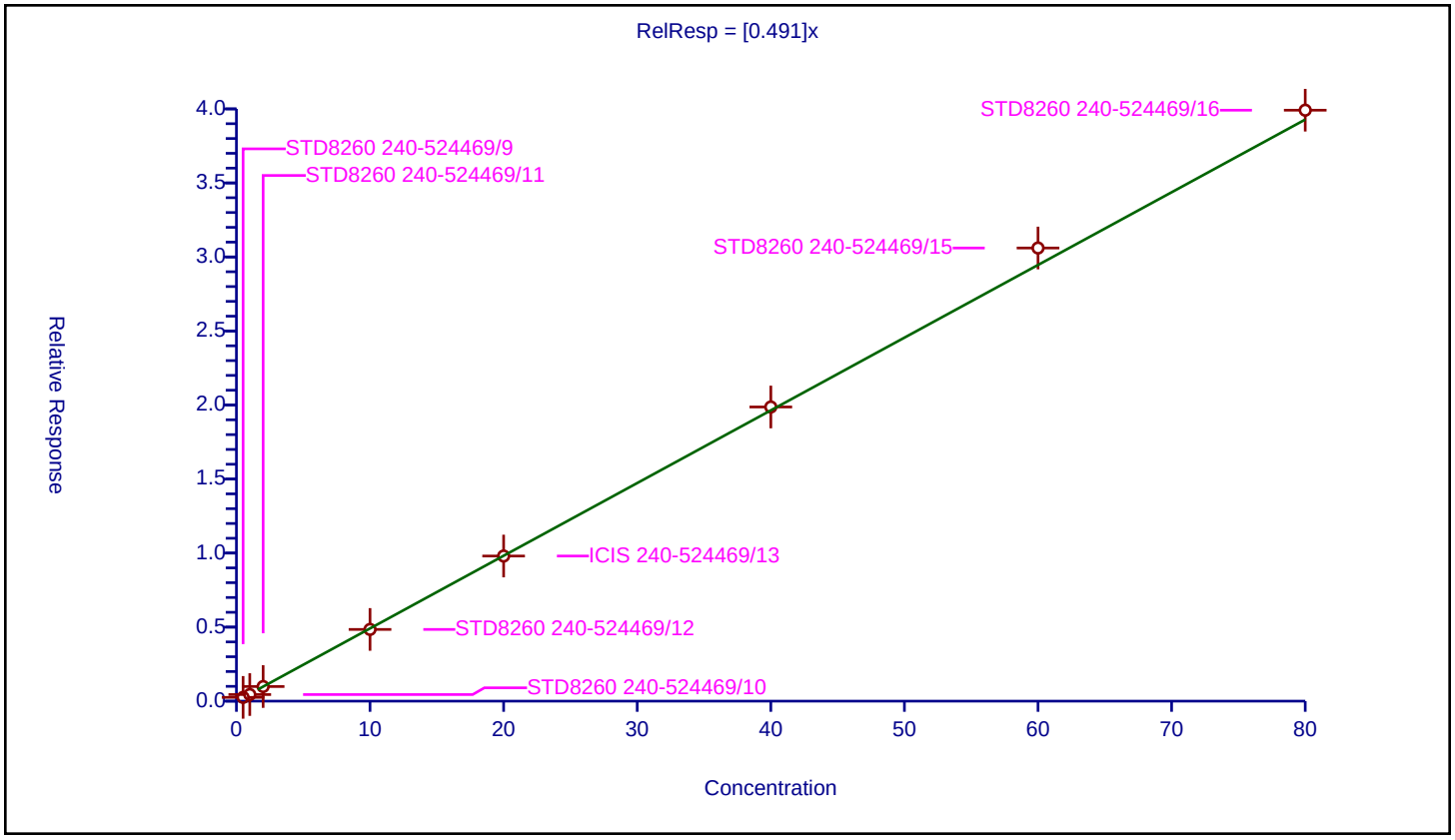
Curve Coefficients

Intercept:	0
Slope:	0.491

Error Coefficients

Standard Error:	708000
Relative Standard Error:	4.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.254385	20.0	584704.0	0.50877	Y
2	STD8260 240-524469/10	1.0	0.446066	20.0	549022.0	0.446066	Y
3	STD8260 240-524469/11	2.0	0.985803	20.0	596732.0	0.492901	Y
4	STD8260 240-524469/12	10.0	4.843626	20.0	587630.0	0.484363	Y
5	ICIS 240-524469/13	20.0	9.801461	20.0	611064.0	0.490073	Y
6	STD8260 240-524469/14	40.0	19.866461	20.0	663926.0	0.496662	Y
7	STD8260 240-524469/15	60.0	30.604415	20.0	658322.0	0.510074	Y
8	STD8260 240-524469/16	80.0	39.911727	20.0	700099.0	0.498897	Y



Calibration / 2-Hexanone

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

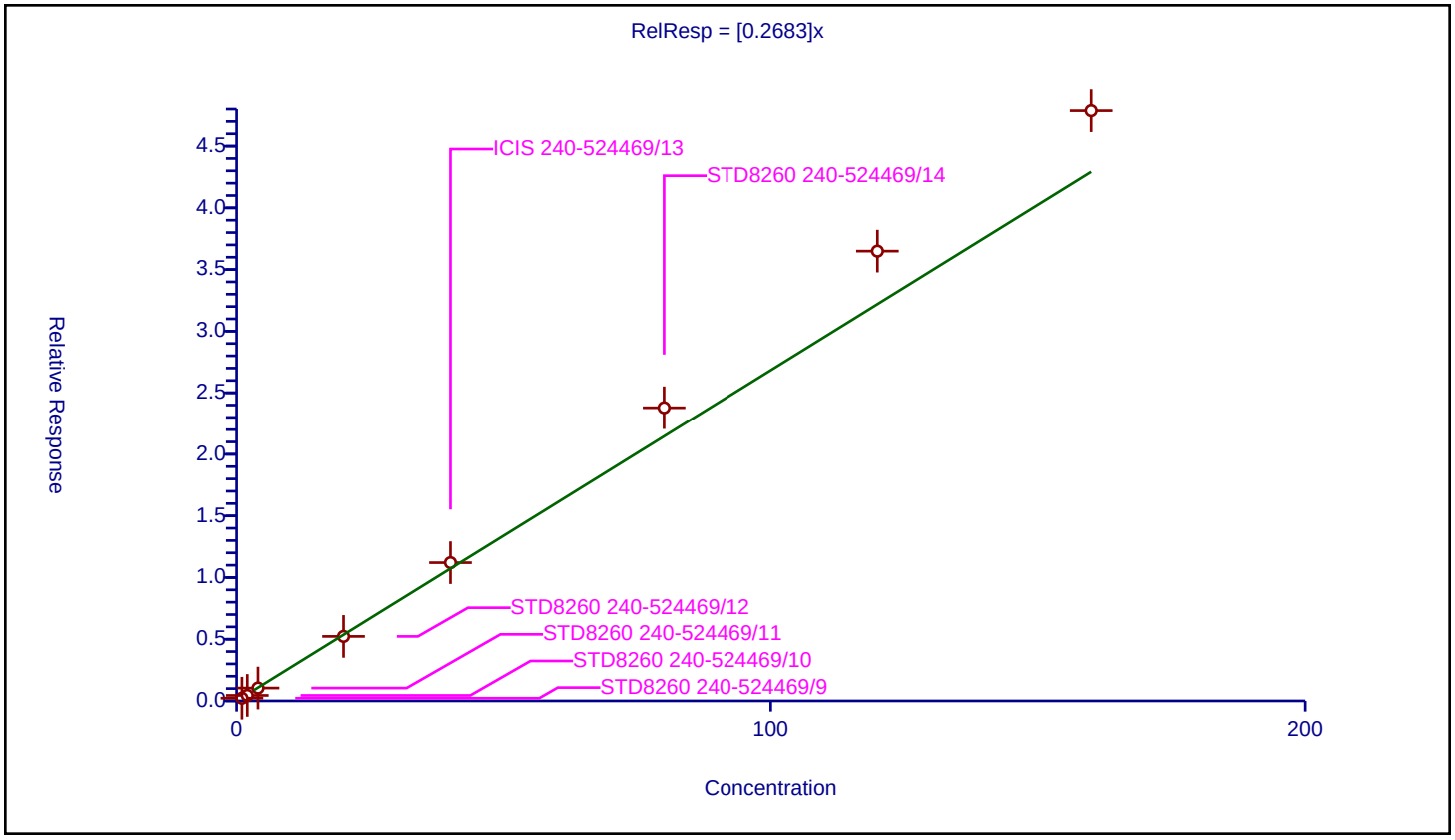
Curve Coefficients

Intercept:	0
Slope:	0.2683

Error Coefficients

Standard Error:	847000
Relative Standard Error:	12.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	1.0	0.220214	20.0	584704.0	0.220214	Y
2	STD8260 240-524469/10	2.0	0.445082	20.0	549022.0	0.222541	Y
3	STD8260 240-524469/11	4.0	1.044053	20.0	596732.0	0.261013	Y
4	STD8260 240-524469/12	20.0	5.228971	20.0	587630.0	0.261449	Y
5	ICIS 240-524469/13	40.0	11.206682	20.0	611064.0	0.280167	Y
6	STD8260 240-524469/14	80.0	23.784428	20.0	663926.0	0.297305	Y
7	STD8260 240-524469/15	120.0	36.494968	20.0	658322.0	0.304125	Y
8	STD8260 240-524469/16	160.0	47.872658	20.0	700099.0	0.299204	Y



Calibration / Chlorodibromomethane

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

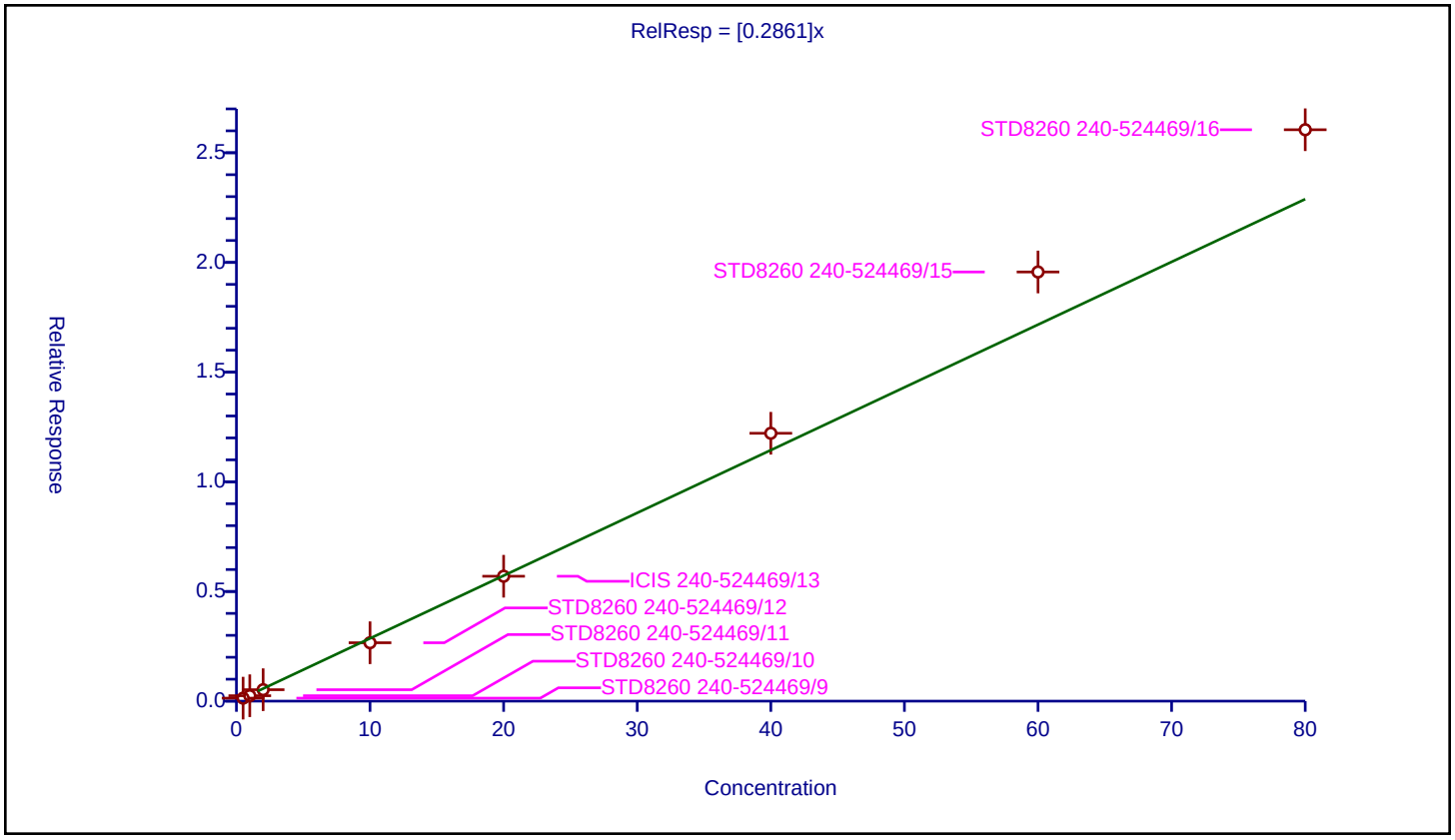
Curve Coefficients

Intercept:	0
Slope:	0.2861

Error Coefficients

Standard Error:	455000
Relative Standard Error:	10.5
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.136377	20.0	584704.0	0.272753	Y
2	STD8260 240-524469/10	1.0	0.247276	20.0	549022.0	0.247276	Y
3	STD8260 240-524469/11	2.0	0.521239	20.0	596732.0	0.26062	Y
4	STD8260 240-524469/12	10.0	2.662594	20.0	587630.0	0.266259	Y
5	ICIS 240-524469/13	20.0	5.694232	20.0	611064.0	0.284712	Y
6	STD8260 240-524469/14	40.0	12.212054	20.0	663926.0	0.305301	Y
7	STD8260 240-524469/15	60.0	19.565684	20.0	658322.0	0.326095	Y
8	STD8260 240-524469/16	80.0	26.04943	20.0	700099.0	0.325618	Y



Calibration / Ethylene Dibromide

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

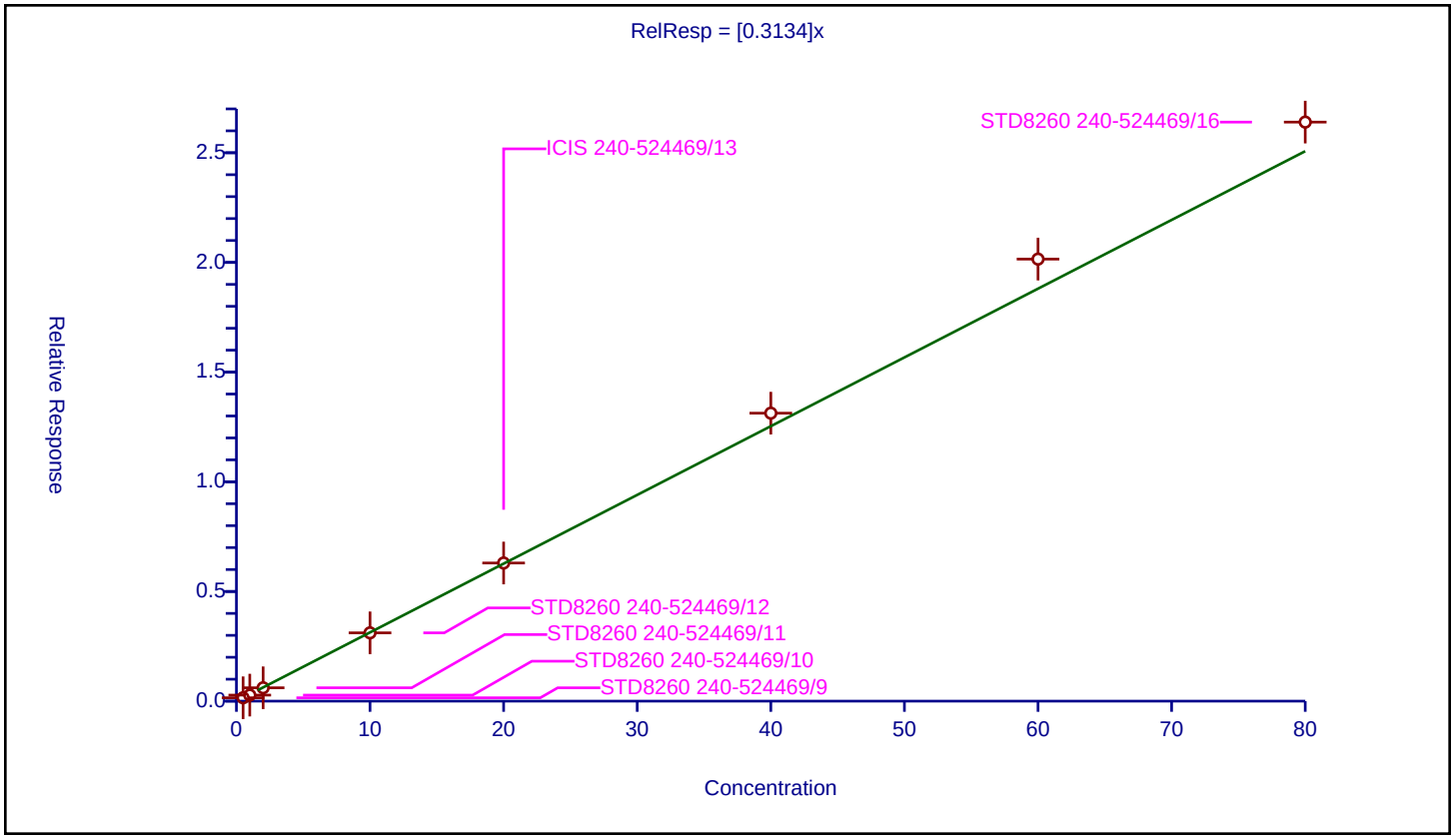
Curve Coefficients

Intercept:	0
Slope:	0.3134

Error Coefficients

Standard Error:	467000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.153719	20.0	584704.0	0.307438	Y
2	STD8260 240-524469/10	1.0	0.275144	20.0	549022.0	0.275144	Y
3	STD8260 240-524469/11	2.0	0.608514	20.0	596732.0	0.304257	Y
4	STD8260 240-524469/12	10.0	3.113286	20.0	587630.0	0.311329	Y
5	ICIS 240-524469/13	20.0	6.297605	20.0	611064.0	0.31488	Y
6	STD8260 240-524469/14	40.0	13.12821	20.0	663926.0	0.328205	Y
7	STD8260 240-524469/15	60.0	20.151355	20.0	658322.0	0.335856	Y
8	STD8260 240-524469/16	80.0	26.398095	20.0	700099.0	0.329976	Y



Calibration / Chlorobenzene

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

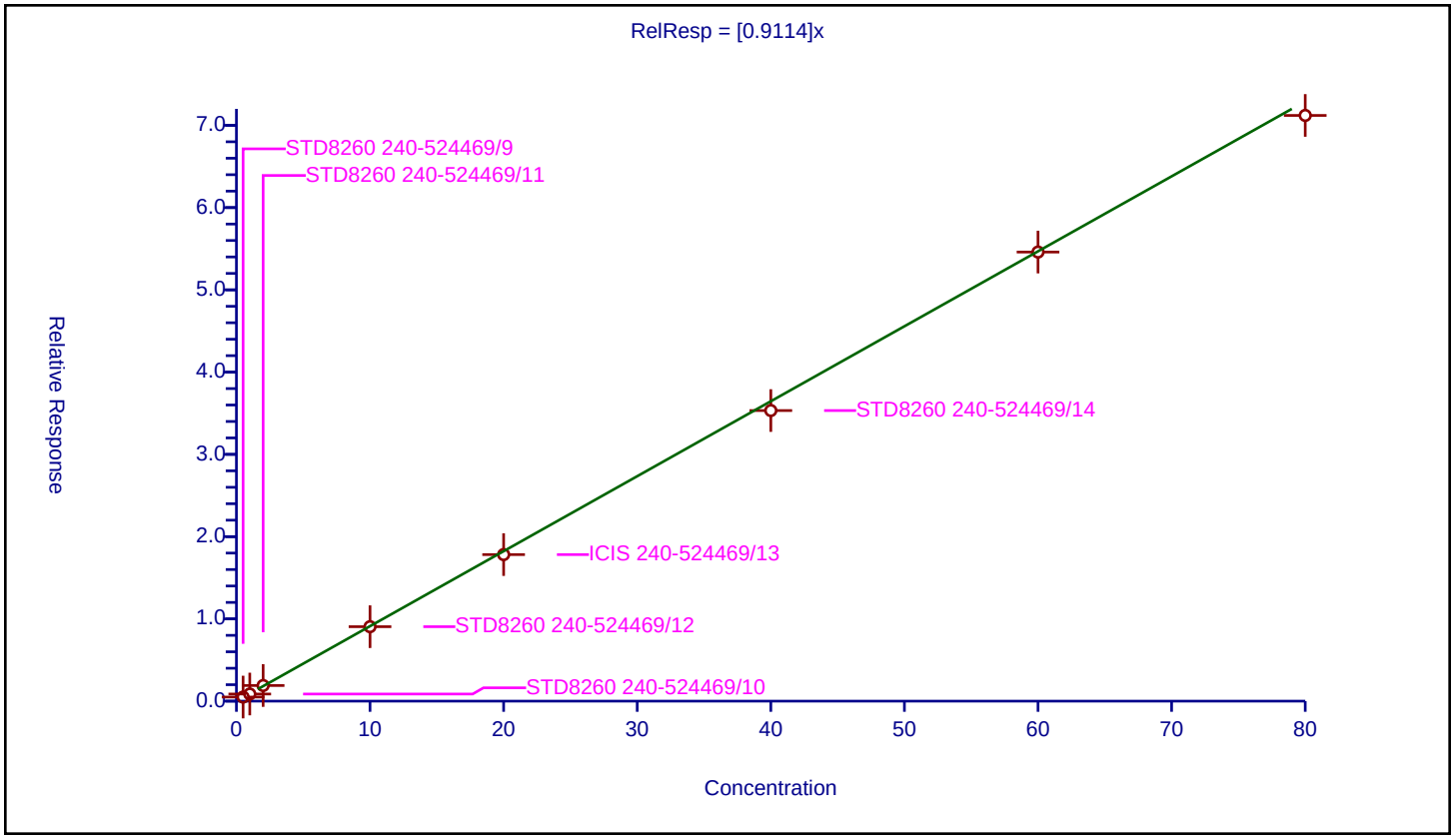
Curve Coefficients

Intercept:	0
Slope:	0.9114

Error Coefficients

Standard Error:	1260000
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	STD8260 240-524469/9	0.5	0.498167	20.0	584704.0	0.996333	Y
2	STD8260 240-524469/10	1.0	0.86696	20.0	549022.0	0.86696	Y
3	STD8260 240-524469/11	2.0	1.89787	20.0	596732.0	0.948935	Y
4	STD8260 240-524469/12	10.0	9.050763	20.0	587630.0	0.905076	Y
5	ICIS 240-524469/13	20.0	17.816072	20.0	611064.0	0.890804	Y
6	STD8260 240-524469/14	40.0	35.328214	20.0	663926.0	0.883205	Y
7	STD8260 240-524469/15	60.0	54.59535	20.0	658322.0	0.909922	Y
8	STD8260 240-524469/16	80.0	71.203644	20.0	700099.0	0.890046	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

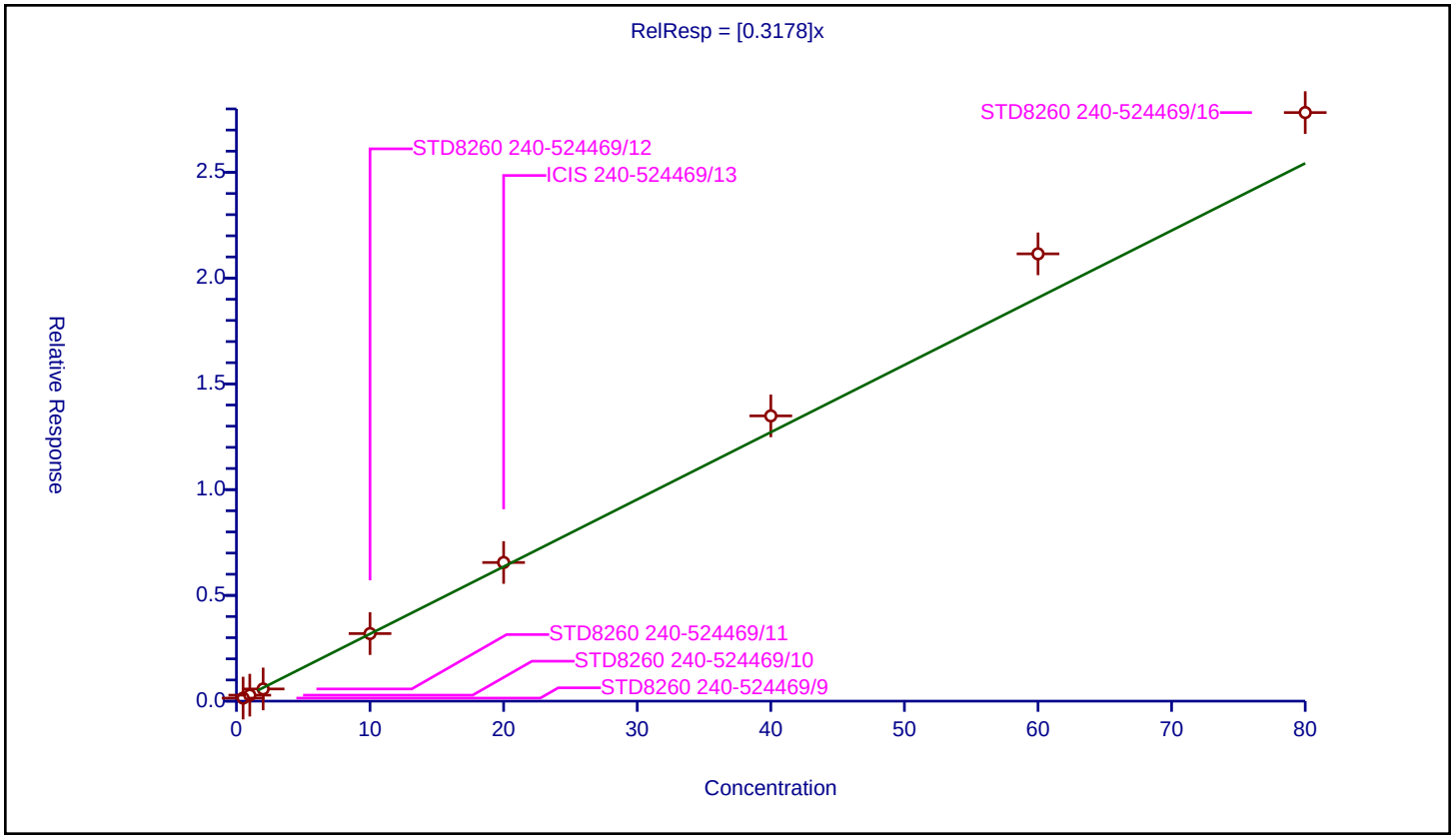
Curve Coefficients

Intercept:	0
Slope:	0.3178

Error Coefficients

Standard Error:	490000
Relative Standard Error:	8.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.143731	20.0	584704.0	0.287462	Y
2	STD8260 240-524469/10	1.0	0.282575	20.0	549022.0	0.282575	Y
3	STD8260 240-524469/11	2.0	0.576406	20.0	596732.0	0.288203	Y
4	STD8260 240-524469/12	10.0	3.193642	20.0	587630.0	0.319364	Y
5	ICIS 240-524469/13	20.0	6.555025	20.0	611064.0	0.327751	Y
6	STD8260 240-524469/14	40.0	13.486051	20.0	663926.0	0.337151	Y
7	STD8260 240-524469/15	60.0	21.147281	20.0	658322.0	0.352455	Y
8	STD8260 240-524469/16	80.0	27.826236	20.0	700099.0	0.347828	Y



Calibration / Ethylbenzene

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

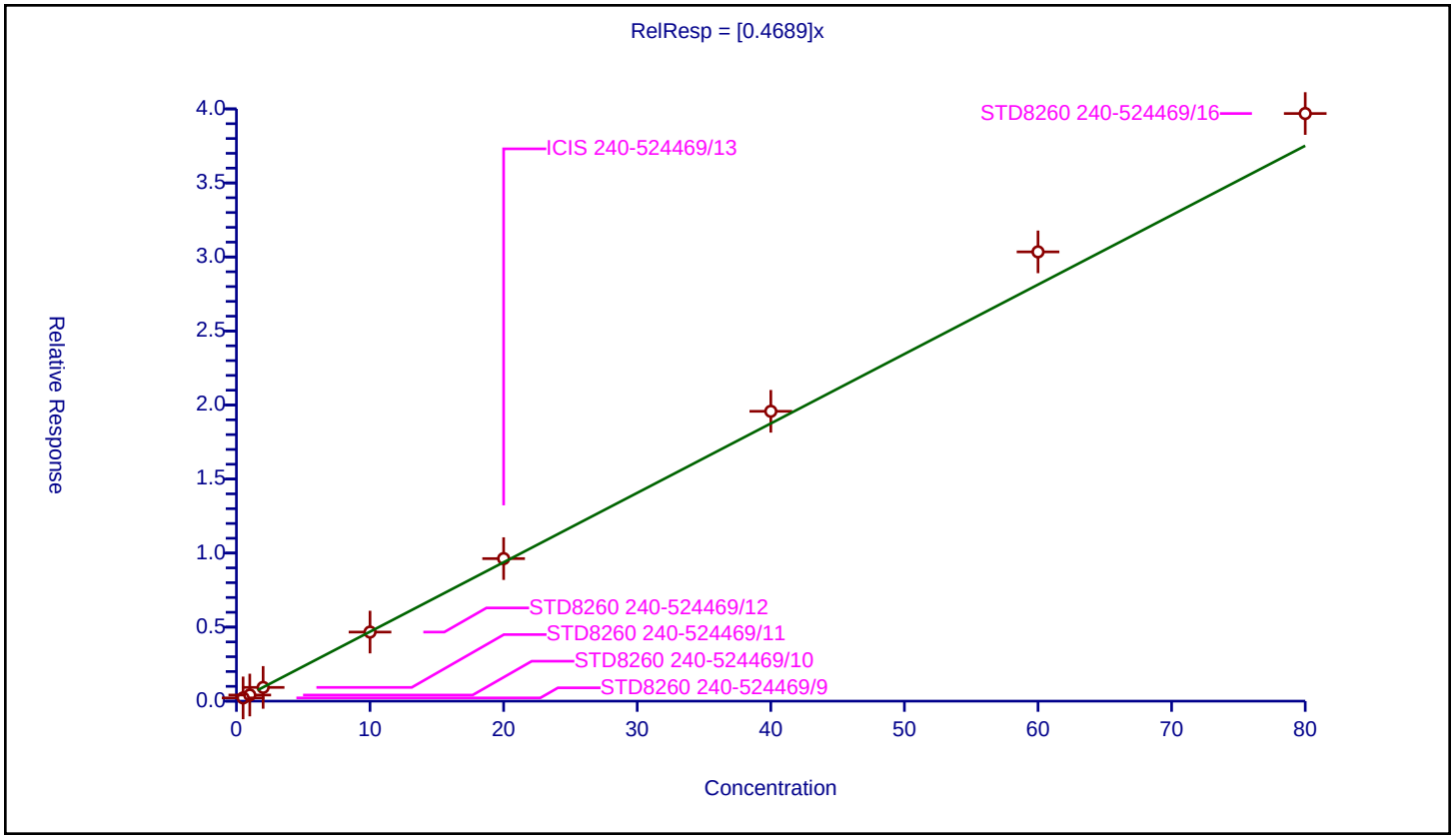
Curve Coefficients

Intercept:	0
Slope:	0.4689

Error Coefficients

Standard Error:	703000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.217785	20.0	584704.0	0.435571	Y
2	STD8260 240-524469/10	1.0	0.412661	20.0	549022.0	0.412661	Y
3	STD8260 240-524469/11	2.0	0.927552	20.0	596732.0	0.463776	Y
4	STD8260 240-524469/12	10.0	4.664772	20.0	587630.0	0.466477	Y
5	ICIS 240-524469/13	20.0	9.626946	20.0	611064.0	0.481347	Y
6	STD8260 240-524469/14	40.0	19.575404	20.0	663926.0	0.489385	Y
7	STD8260 240-524469/15	60.0	30.343176	20.0	658322.0	0.50572	Y
8	STD8260 240-524469/16	80.0	39.686216	20.0	700099.0	0.496078	Y



Calibration / m-Xylene & p-Xylene

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

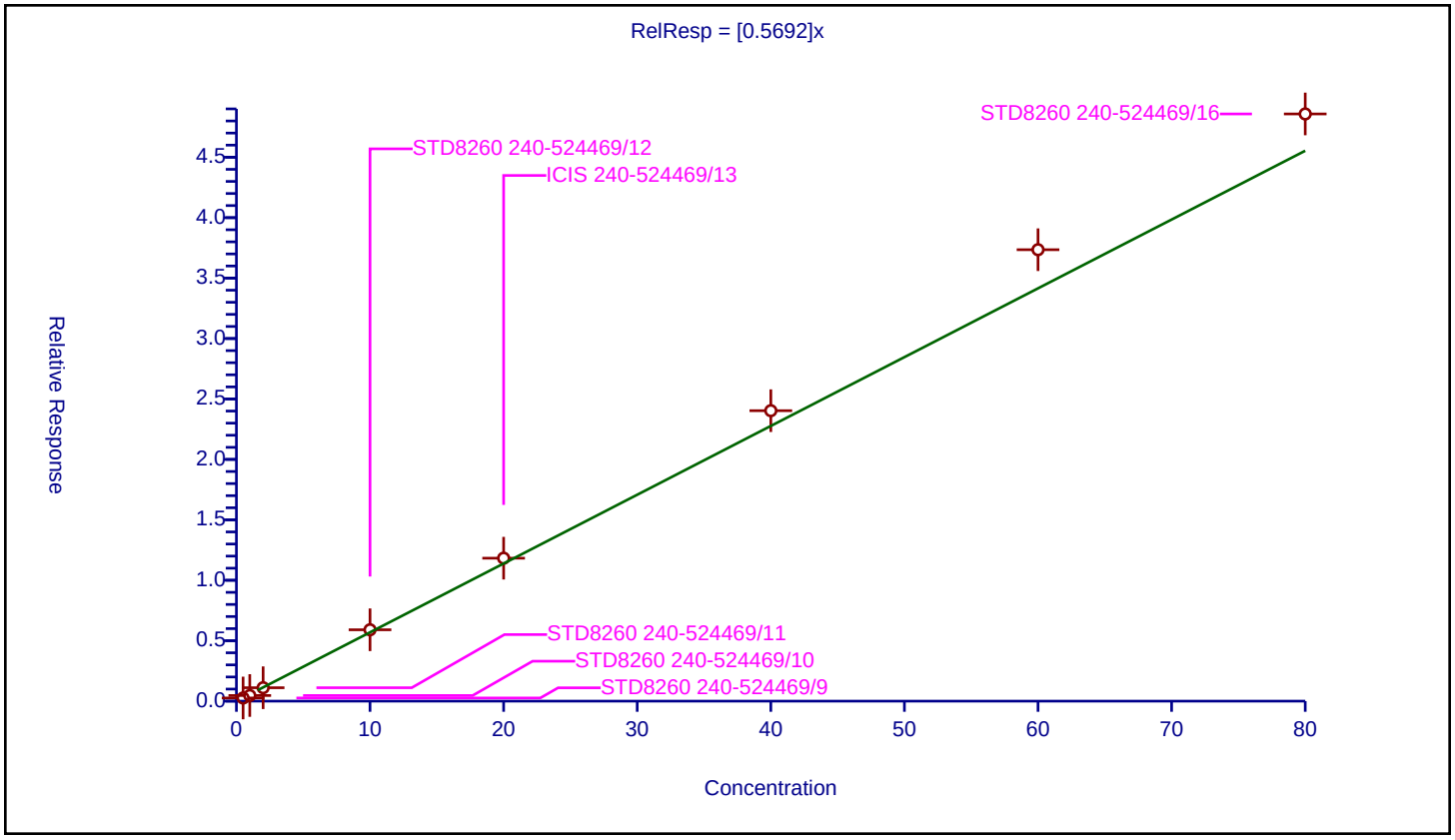
Curve Coefficients

Intercept:	0
Slope:	0.5692

Error Coefficients

Standard Error:	862000
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	STD8260 240-524469/9	0.5	0.260166	20.0	584704.0	0.520332	Y
2	STD8260 240-524469/10	1.0	0.465701	20.0	549022.0	0.465701	Y
3	STD8260 240-524469/11	2.0	1.110348	20.0	596732.0	0.555174	Y
4	STD8260 240-524469/12	10.0	5.904736	20.0	587630.0	0.590474	Y
5	ICIS 240-524469/13	20.0	11.828516	20.0	611064.0	0.591426	Y
6	STD8260 240-524469/14	40.0	24.030329	20.0	663926.0	0.600758	Y
7	STD8260 240-524469/15	60.0	37.349716	20.0	658322.0	0.622495	Y
8	STD8260 240-524469/16	80.0	48.581901	20.0	700099.0	0.607274	Y



Calibration / o-Xylene

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

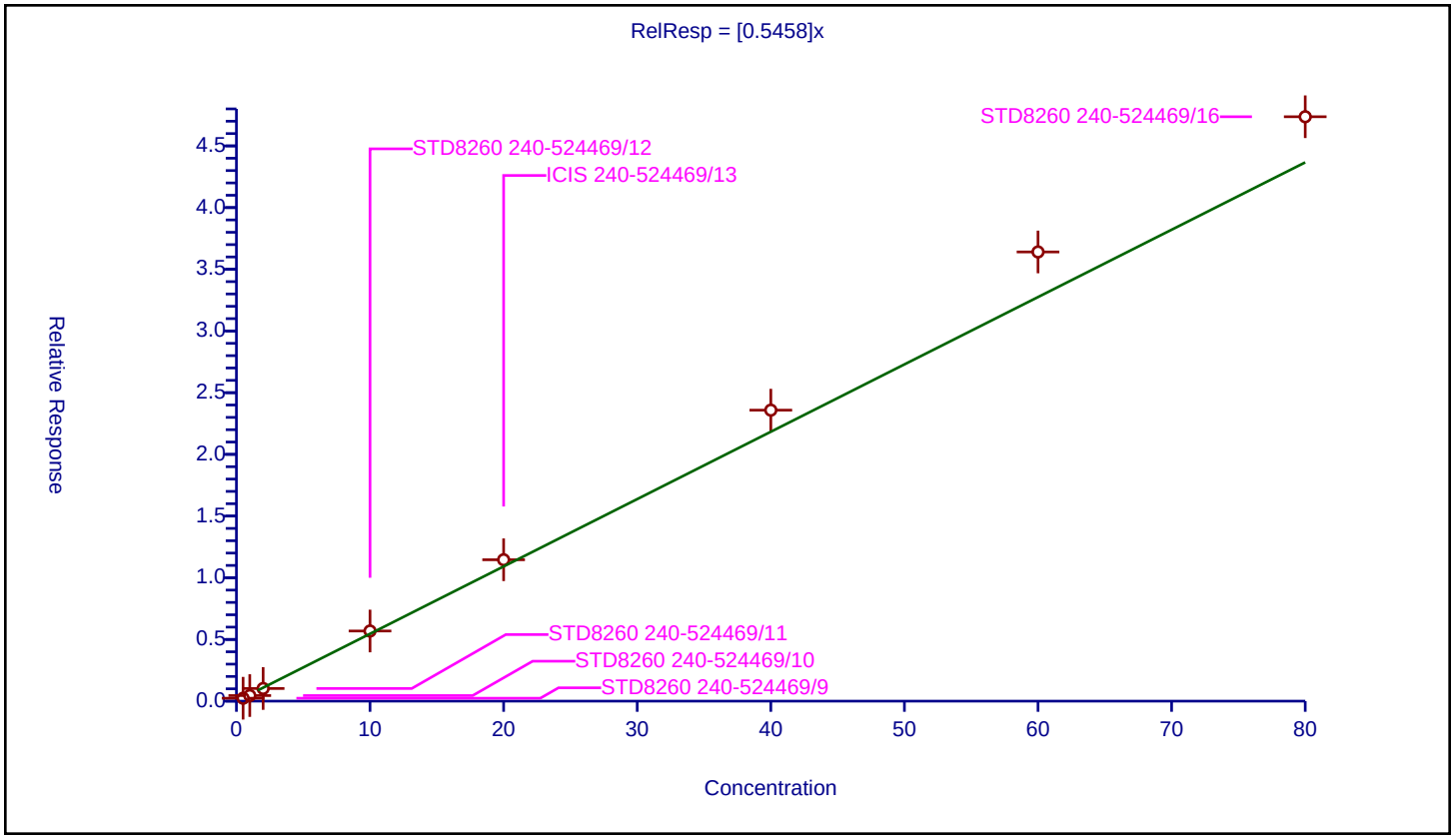
Curve Coefficients

Intercept:	0
Slope:	0.5458

Error Coefficients

Standard Error:	841000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.235983	20.0	584704.0	0.471965	Y
2	STD8260 240-524469/10	1.0	0.452149	20.0	549022.0	0.452149	Y
3	STD8260 240-524469/11	2.0	1.025184	20.0	596732.0	0.512592	Y
4	STD8260 240-524469/12	10.0	5.685244	20.0	587630.0	0.568524	Y
5	ICIS 240-524469/13	20.0	11.458047	20.0	611064.0	0.572902	Y
6	STD8260 240-524469/14	40.0	23.583261	20.0	663926.0	0.589582	Y
7	STD8260 240-524469/15	60.0	36.406257	20.0	658322.0	0.606771	Y
8	STD8260 240-524469/16	80.0	47.362844	20.0	700099.0	0.592036	Y



Calibration / Styrene

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

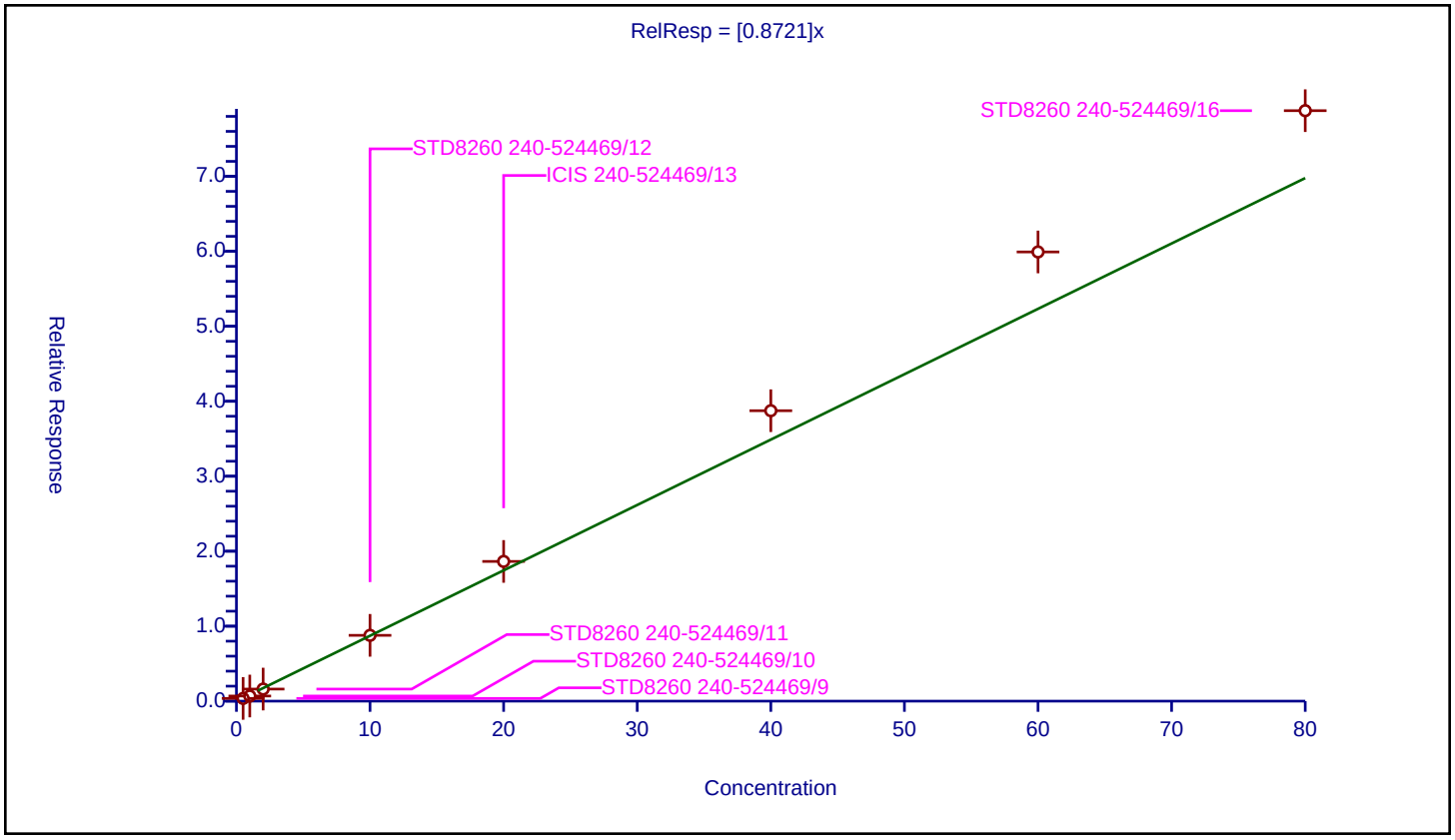
Curve Coefficients

Intercept:	0
Slope:	0.8721

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	13.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.362645	20.0	584704.0	0.72529	Y
2	STD8260 240-524469/10	1.0	0.684745	20.0	549022.0	0.684745	Y
3	STD8260 240-524469/11	2.0	1.611946	20.0	596732.0	0.805973	Y
4	STD8260 240-524469/12	10.0	8.775522	20.0	587630.0	0.877552	Y
5	ICIS 240-524469/13	20.0	18.635298	20.0	611064.0	0.931765	Y
6	STD8260 240-524469/14	40.0	38.738896	20.0	663926.0	0.968472	Y
7	STD8260 240-524469/15	60.0	59.917426	20.0	658322.0	0.998624	Y
8	STD8260 240-524469/16	80.0	78.762004	20.0	700099.0	0.984525	Y



Calibration / Bromoform

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

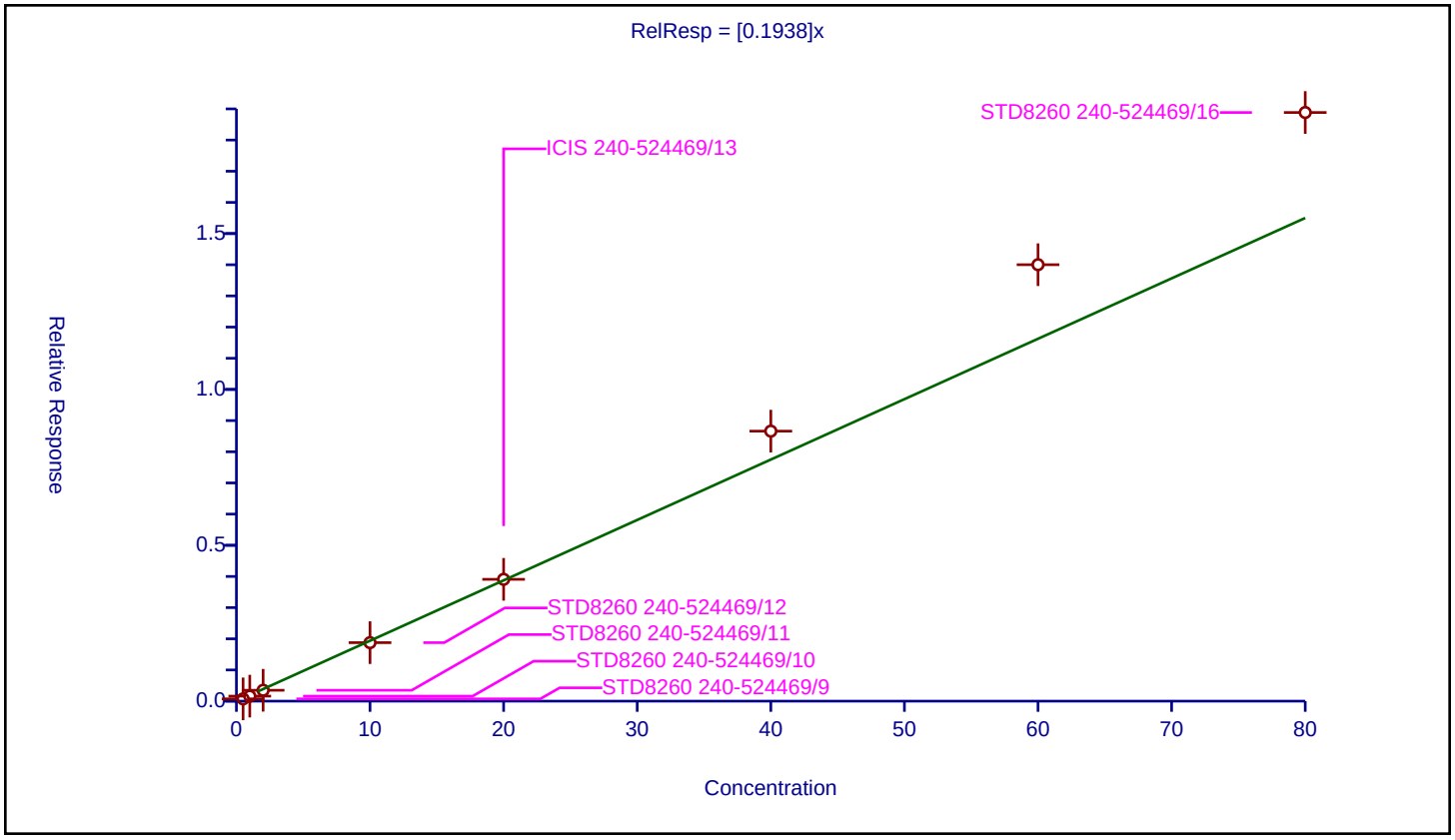
Curve Coefficients

Intercept:	0
Slope:	0.1938

Error Coefficients

Standard Error:	327000
Relative Standard Error:	17.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.072755	20.0	584704.0	0.14551	Y
2	STD8260 240-524469/10	1.0	0.160904	20.0	549022.0	0.160904	Y
3	STD8260 240-524469/11	2.0	0.349068	20.0	596732.0	0.174534	Y
4	STD8260 240-524469/12	10.0	1.877168	20.0	587630.0	0.187717	Y
5	ICIS 240-524469/13	20.0	3.90761	20.0	611064.0	0.195381	Y
6	STD8260 240-524469/14	40.0	8.661959	20.0	663926.0	0.216549	Y
7	STD8260 240-524469/15	60.0	14.001811	20.0	658322.0	0.233364	Y
8	STD8260 240-524469/16	80.0	18.883786	20.0	700099.0	0.236047	Y



Calibration / Isopropylbenzene

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

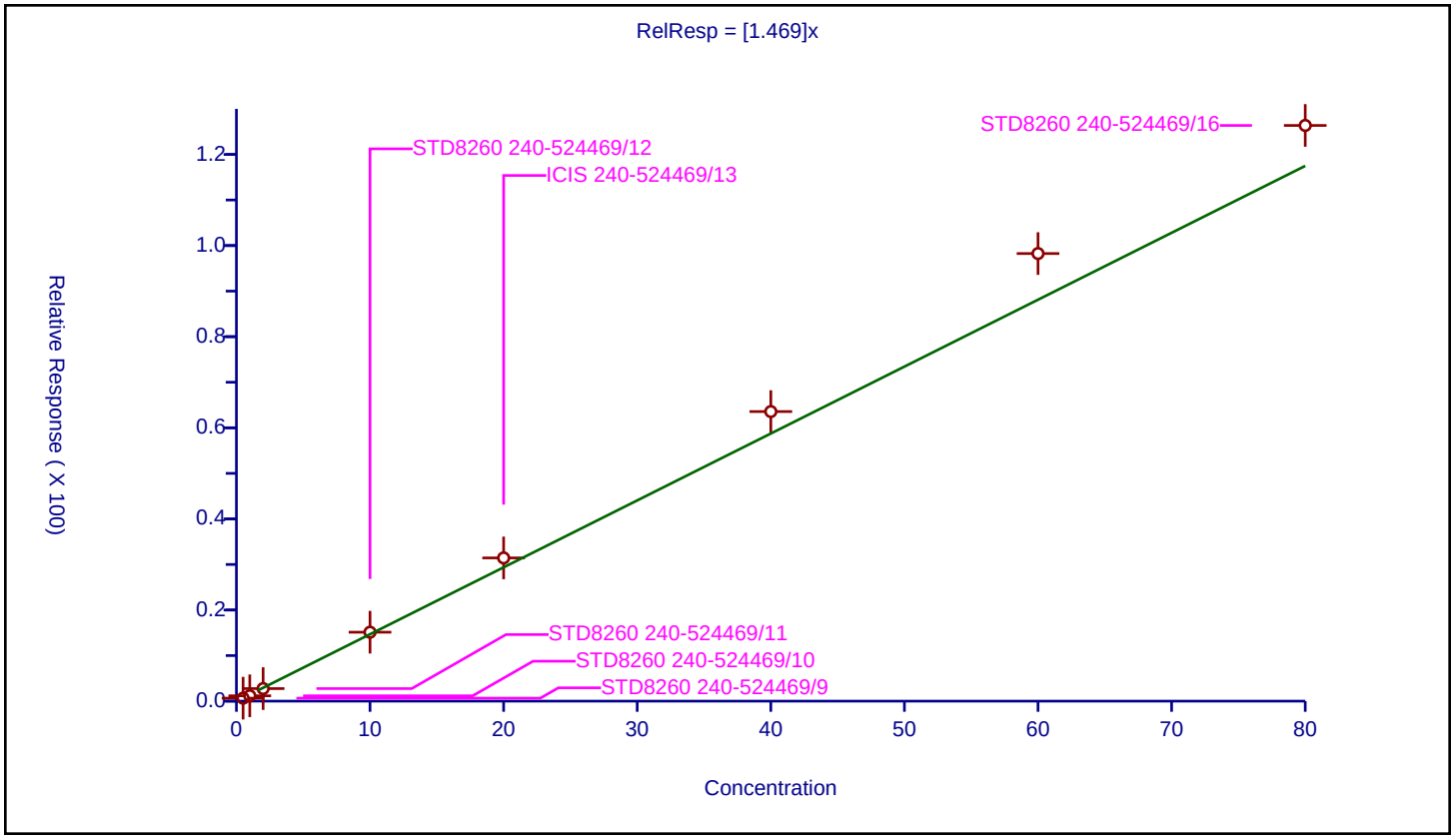
Curve Coefficients

Intercept:	0
Slope:	1.469

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.652741	20.0	584704.0	1.305481	Y
2	STD8260 240-524469/10	1.0	1.172448	20.0	549022.0	1.172448	Y
3	STD8260 240-524469/11	2.0	2.758793	20.0	596732.0	1.379396	Y
4	STD8260 240-524469/12	10.0	15.131971	20.0	587630.0	1.513197	Y
5	ICIS 240-524469/13	20.0	31.436118	20.0	611064.0	1.571806	Y
6	STD8260 240-524469/14	40.0	63.562505	20.0	663926.0	1.589063	Y
7	STD8260 240-524469/15	60.0	98.2504	20.0	658322.0	1.637507	Y
8	STD8260 240-524469/16	80.0	126.363843	20.0	700099.0	1.579548	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

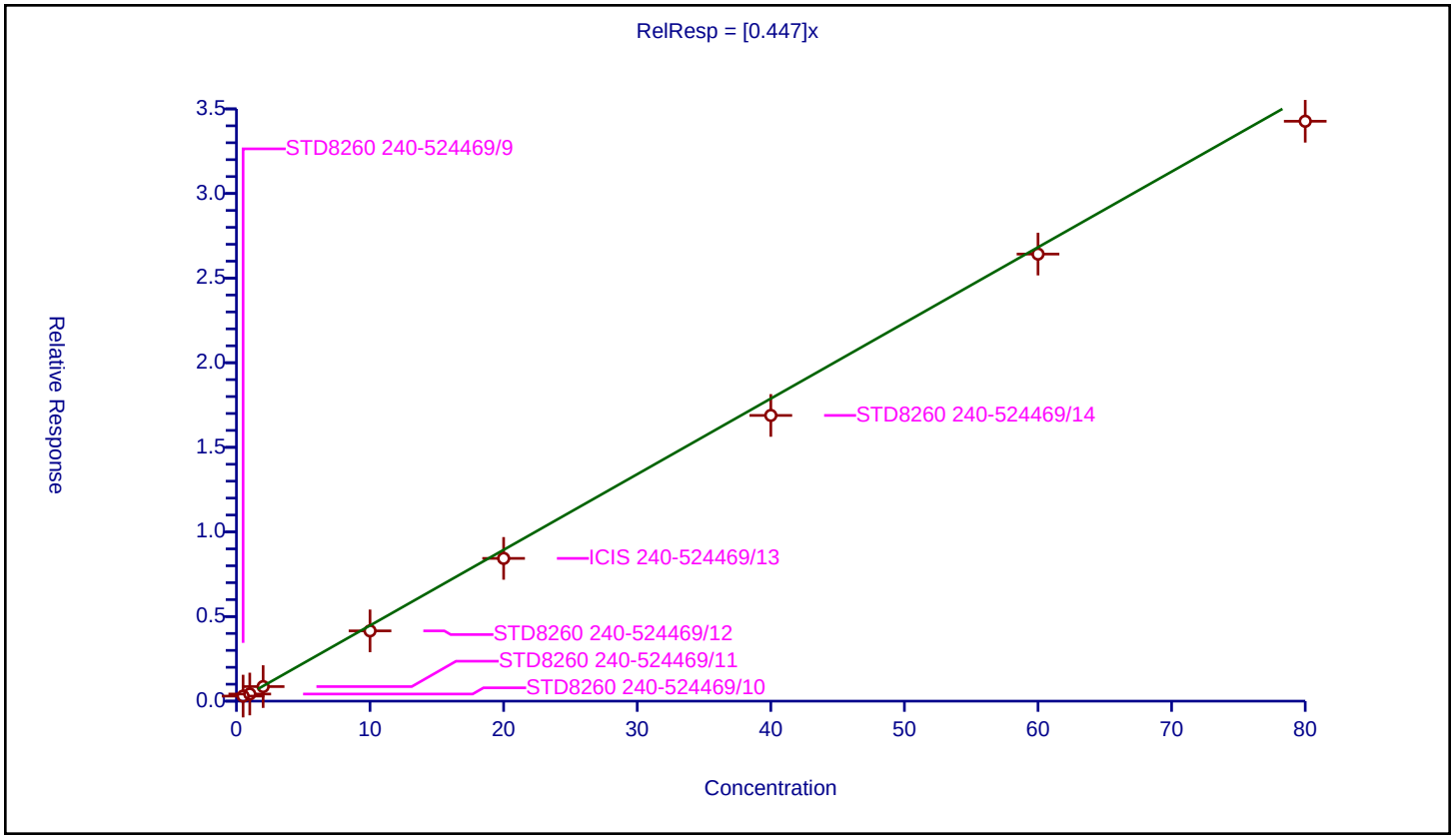
Curve Coefficients

Intercept:	0
Slope:	0.447

Error Coefficients

Standard Error:	608000
Relative Standard Error:	13.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.298852	20.0	584704.0	0.597704	Y
2	STD8260 240-524469/10	1.0	0.420384	20.0	549022.0	0.420384	Y
3	STD8260 240-524469/11	2.0	0.860219	20.0	596732.0	0.430109	Y
4	STD8260 240-524469/12	10.0	4.153226	20.0	587630.0	0.415323	Y
5	ICIS 240-524469/13	20.0	8.435418	20.0	611064.0	0.421771	Y
6	STD8260 240-524469/14	40.0	16.885466	20.0	663926.0	0.422137	Y
7	STD8260 240-524469/15	60.0	26.420688	20.0	658322.0	0.440345	Y
8	STD8260 240-524469/16	80.0	34.269896	20.0	700099.0	0.428374	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

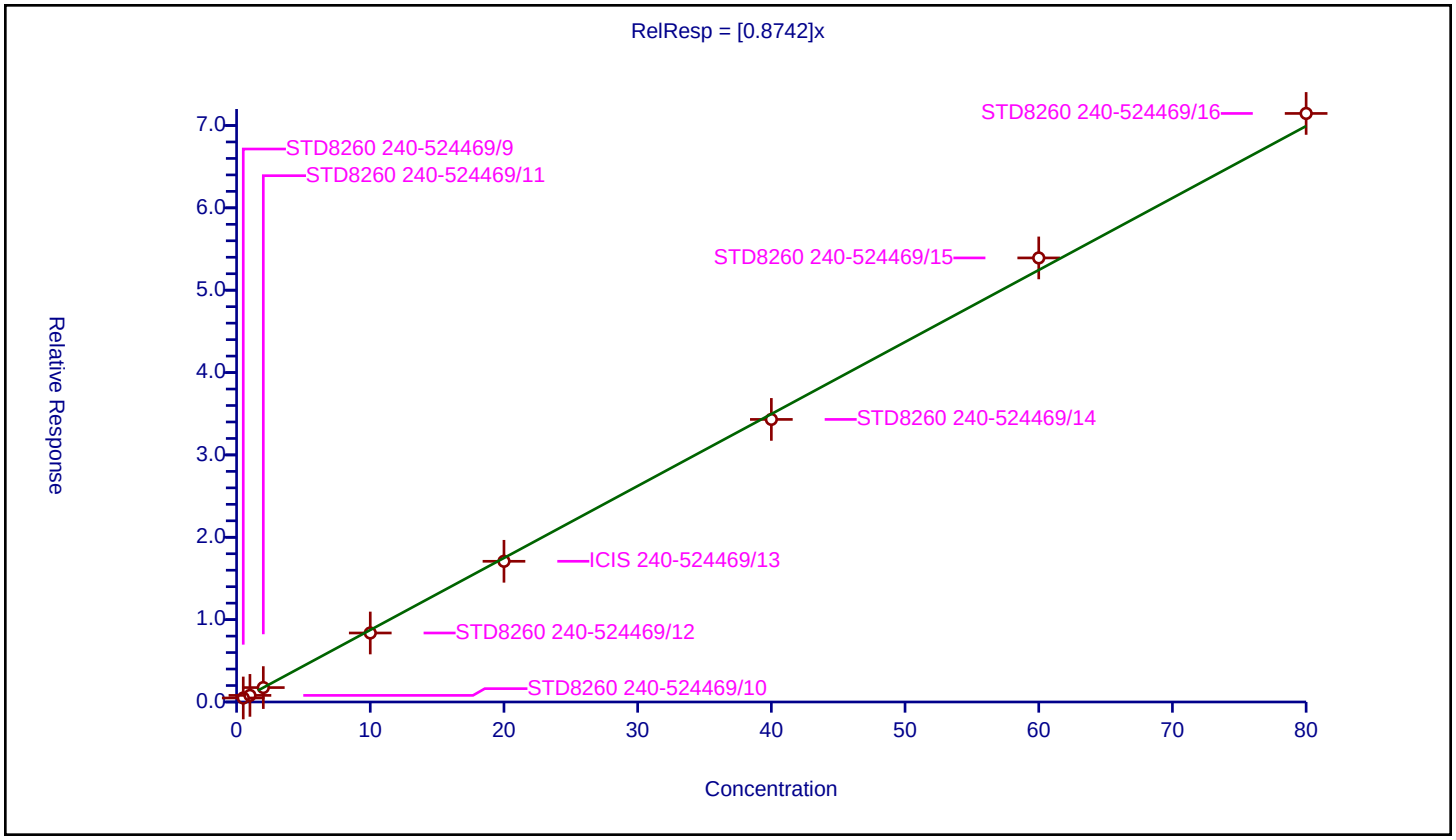
Curve Coefficients

Intercept:	0
Slope:	0.8742

Error Coefficients

Standard Error:	655000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.488101	20.0	289899.0	0.976202	Y
2	STD8260 240-524469/10	1.0	0.800359	20.0	282998.0	0.800359	Y
3	STD8260 240-524469/11	2.0	1.750196	20.0	306240.0	0.875098	Y
4	STD8260 240-524469/12	10.0	8.376619	20.0	311923.0	0.837662	Y
5	ICIS 240-524469/13	20.0	17.084343	20.0	322411.0	0.854217	Y
6	STD8260 240-524469/14	40.0	34.311239	20.0	357860.0	0.857781	Y
7	STD8260 240-524469/15	60.0	53.918381	20.0	348154.0	0.89864	Y
8	STD8260 240-524469/16	80.0	71.46119	20.0	360008.0	0.893265	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

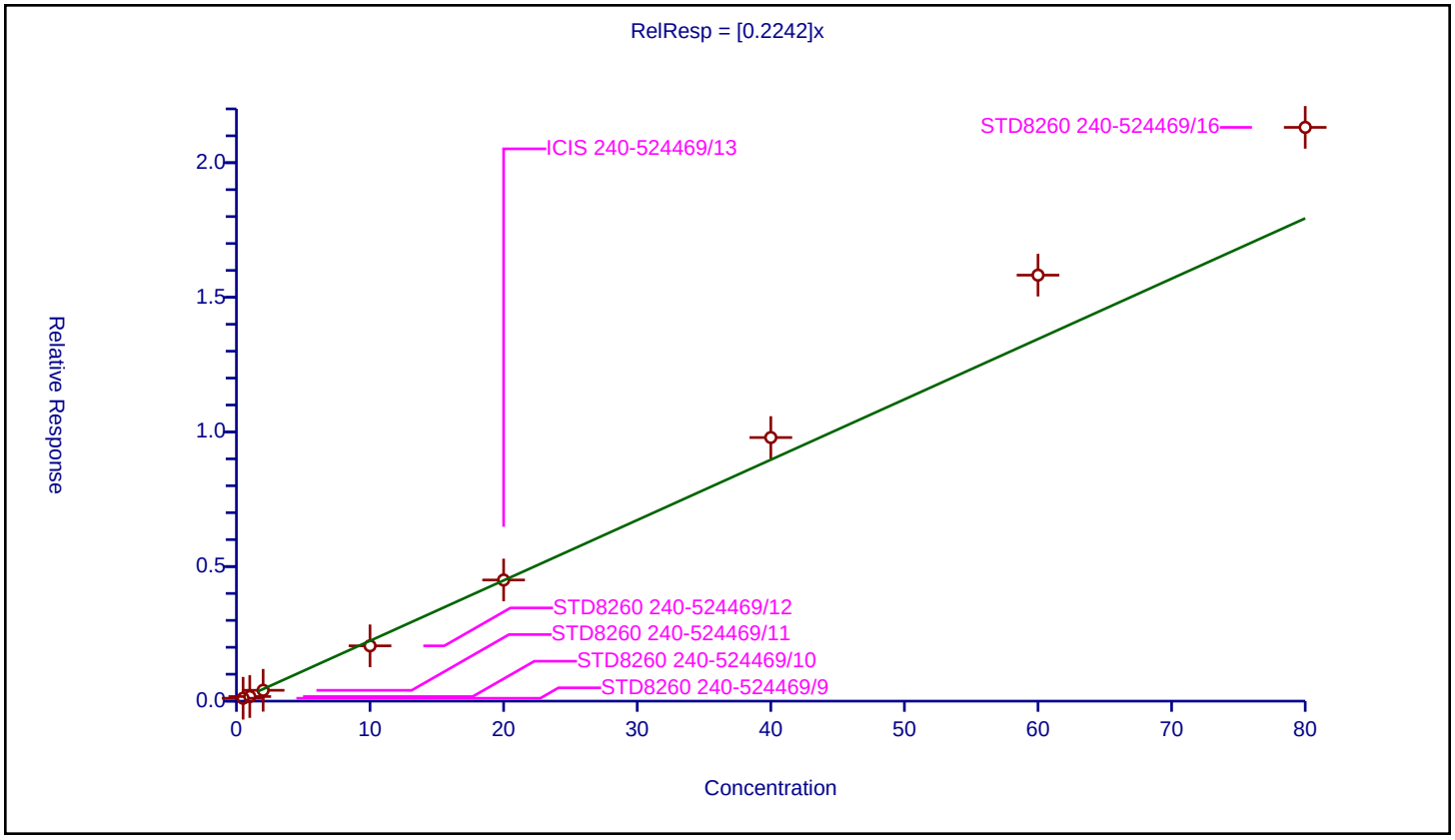
Curve Coefficients

Intercept:	0
Slope:	0.2242

Error Coefficients

Standard Error:	193000
Relative Standard Error:	14.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.107762	20.0	289899.0	0.215523	Y
2	STD8260 240-524469/10	1.0	0.171097	20.0	282998.0	0.171097	Y
3	STD8260 240-524469/11	2.0	0.402952	20.0	306240.0	0.201476	Y
4	STD8260 240-524469/12	10.0	2.054033	20.0	311923.0	0.205403	Y
5	ICIS 240-524469/13	20.0	4.49966	20.0	322411.0	0.224983	Y
6	STD8260 240-524469/14	40.0	9.792545	20.0	357860.0	0.244814	Y
7	STD8260 240-524469/15	60.0	15.824779	20.0	348154.0	0.263746	Y
8	STD8260 240-524469/16	80.0	21.313082	20.0	360008.0	0.266414	Y



Calibration / Bromobenzene

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

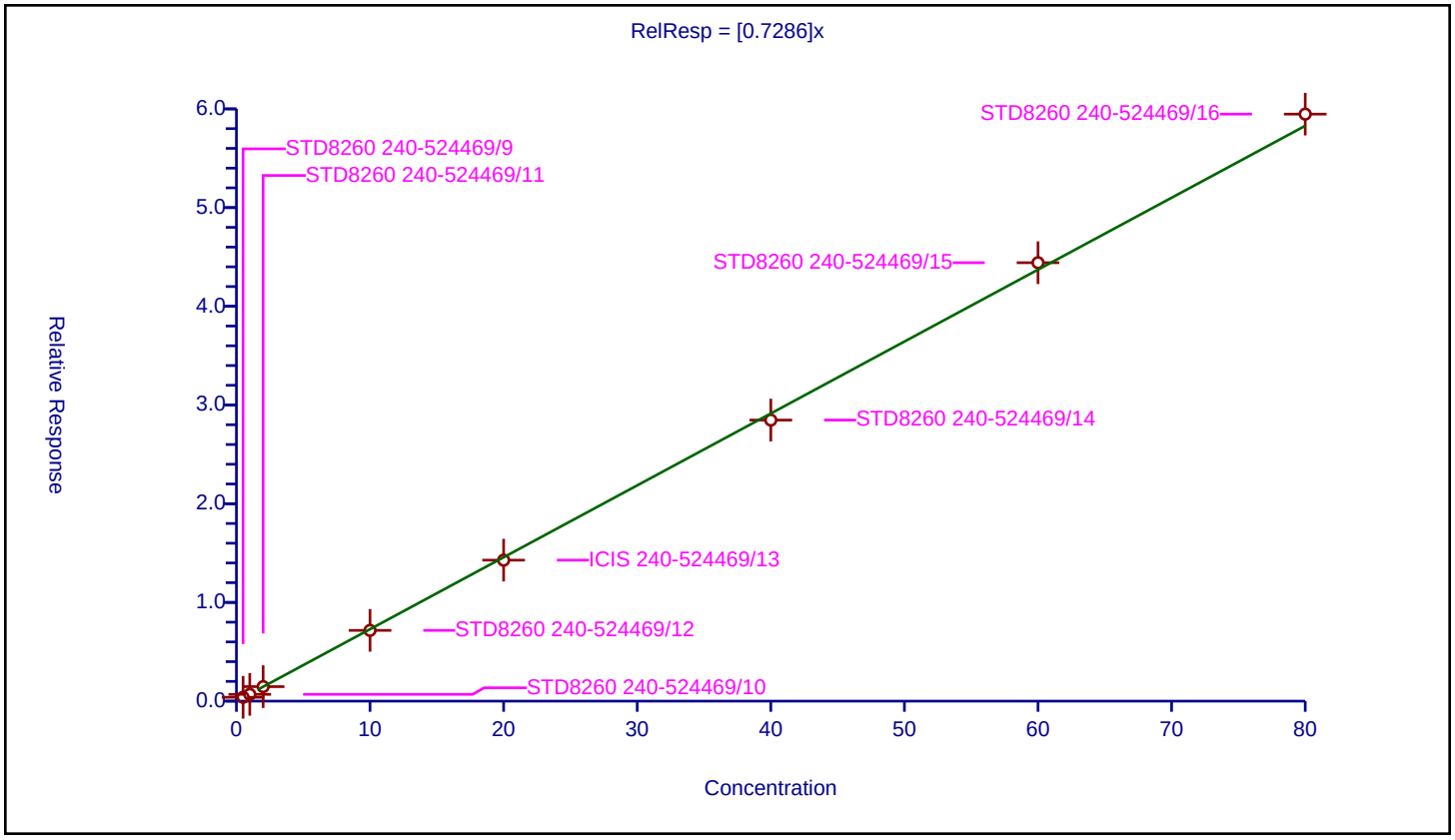
Curve Coefficients

Intercept:	0
Slope:	0.7286

Error Coefficients

Standard Error:	544000
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	STD8260 240-524469/9	0.5	0.390895	20.0	289899.0	0.78179	Y
2	STD8260 240-524469/10	1.0	0.686436	20.0	282998.0	0.686436	Y
3	STD8260 240-524469/11	2.0	1.467934	20.0	306240.0	0.733967	Y
4	STD8260 240-524469/12	10.0	7.166833	20.0	311923.0	0.716683	Y
5	ICIS 240-524469/13	20.0	14.282329	20.0	322411.0	0.714116	Y
6	STD8260 240-524469/14	40.0	28.474599	20.0	357860.0	0.711865	Y
7	STD8260 240-524469/15	60.0	44.416207	20.0	348154.0	0.74027	Y
8	STD8260 240-524469/16	80.0	59.471401	20.0	360008.0	0.743393	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

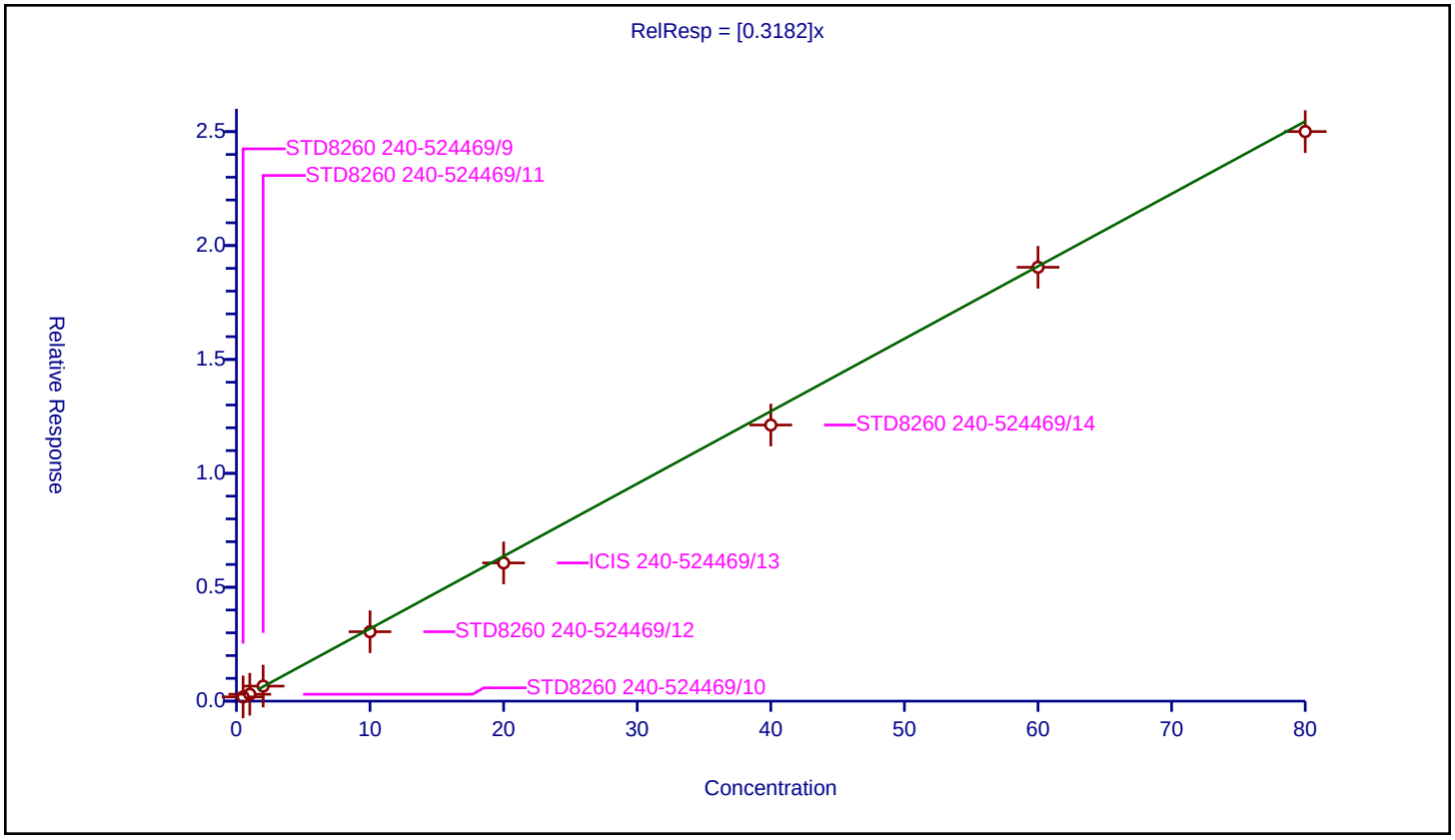
Curve Coefficients

Intercept:	0
Slope:	0.3182

Error Coefficients

Standard Error:	230000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.185582	20.0	289899.0	0.371164	Y
2	STD8260 240-524469/10	1.0	0.302546	20.0	282998.0	0.302546	Y
3	STD8260 240-524469/11	2.0	0.660593	20.0	306240.0	0.330296	Y
4	STD8260 240-524469/12	10.0	3.047547	20.0	311923.0	0.304755	Y
5	ICIS 240-524469/13	20.0	6.067783	20.0	322411.0	0.303389	Y
6	STD8260 240-524469/14	40.0	12.122506	20.0	357860.0	0.303063	Y
7	STD8260 240-524469/15	60.0	19.047376	20.0	348154.0	0.317456	Y
8	STD8260 240-524469/16	80.0	25.003667	20.0	360008.0	0.312546	Y



Calibration / N-Propylbenzene

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

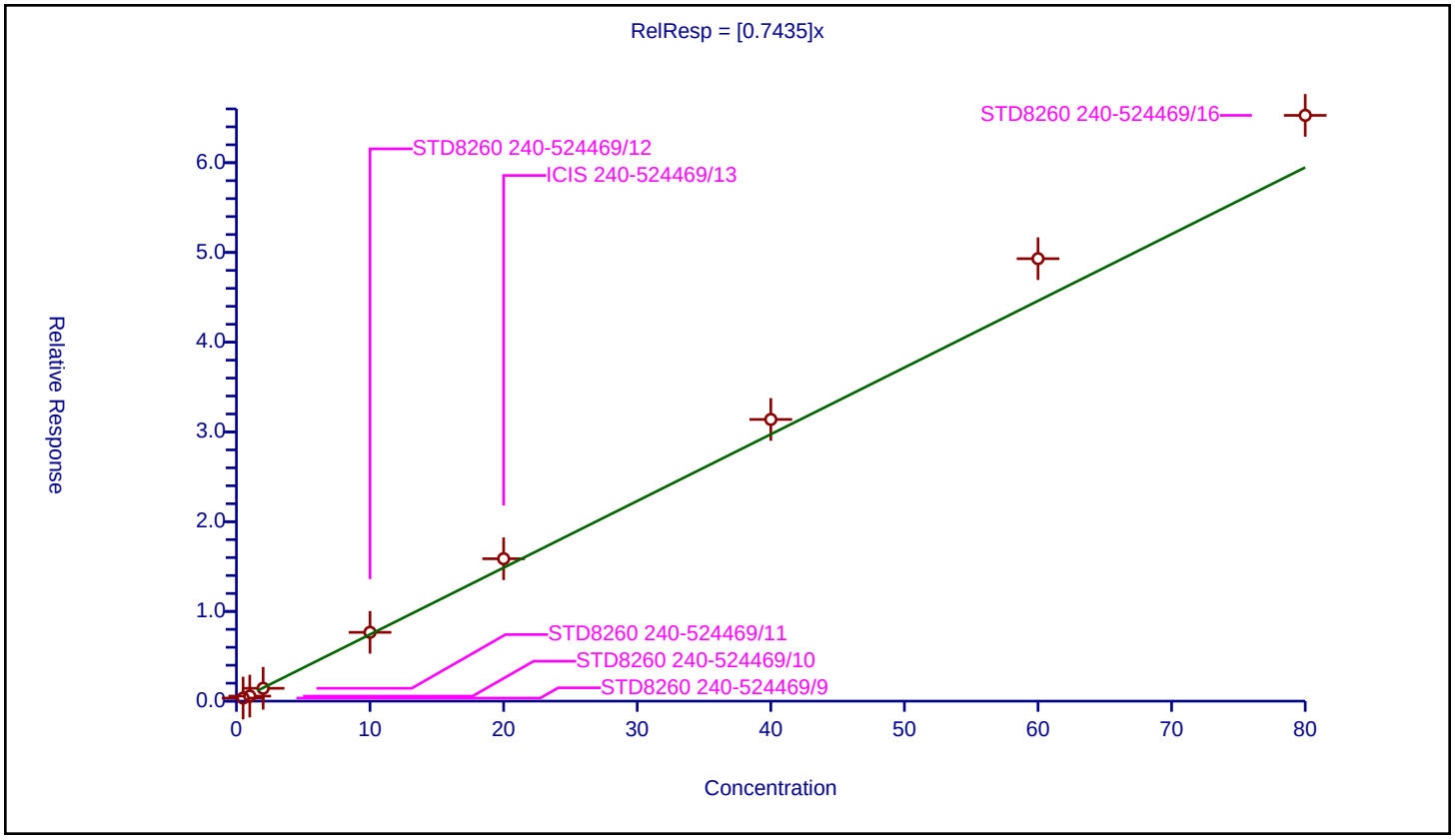
Curve Coefficients

Intercept:	0
Slope:	0.7435

Error Coefficients

Standard Error:	599000
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	STD8260 240-524469/9	0.5	0.343016	20.0	289899.0	0.686032	Y
2	STD8260 240-524469/10	1.0	0.563184	20.0	282998.0	0.563184	Y
3	STD8260 240-524469/11	2.0	1.430904	20.0	306240.0	0.715452	Y
4	STD8260 240-524469/12	10.0	7.669457	20.0	311923.0	0.766946	Y
5	ICIS 240-524469/13	20.0	15.868441	20.0	322411.0	0.793422	Y
6	STD8260 240-524469/14	40.0	31.392109	20.0	357860.0	0.784803	Y
7	STD8260 240-524469/15	60.0	49.307318	20.0	348154.0	0.821789	Y
8	STD8260 240-524469/16	80.0	65.278216	20.0	360008.0	0.815978	Y



Calibration / 2-Chlorotoluene

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

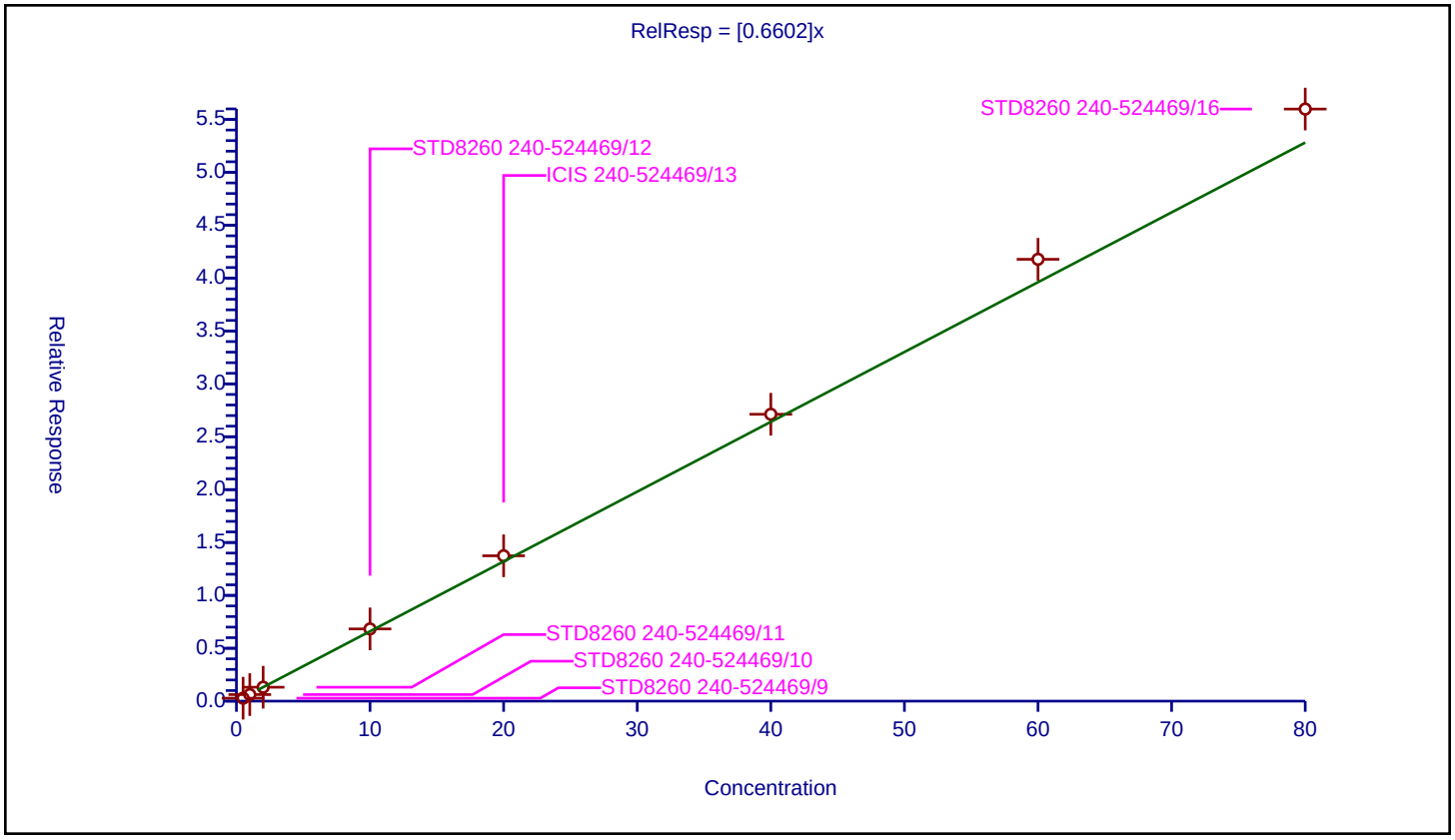
Curve Coefficients

Intercept:	0
Slope:	0.6602

Error Coefficients

Standard Error:	513000
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	STD8260 240-524469/9	0.5	0.279132	20.0	289899.0	0.558263	Y
2	STD8260 240-524469/10	1.0	0.621347	20.0	282998.0	0.621347	Y
3	STD8260 240-524469/11	2.0	1.315635	20.0	306240.0	0.657817	Y
4	STD8260 240-524469/12	10.0	6.827518	20.0	311923.0	0.682752	Y
5	ICIS 240-524469/13	20.0	13.743514	20.0	322411.0	0.687176	Y
6	STD8260 240-524469/14	40.0	27.127592	20.0	357860.0	0.67819	Y
7	STD8260 240-524469/15	60.0	41.779328	20.0	348154.0	0.696322	Y
8	STD8260 240-524469/16	80.0	55.985923	20.0	360008.0	0.699824	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

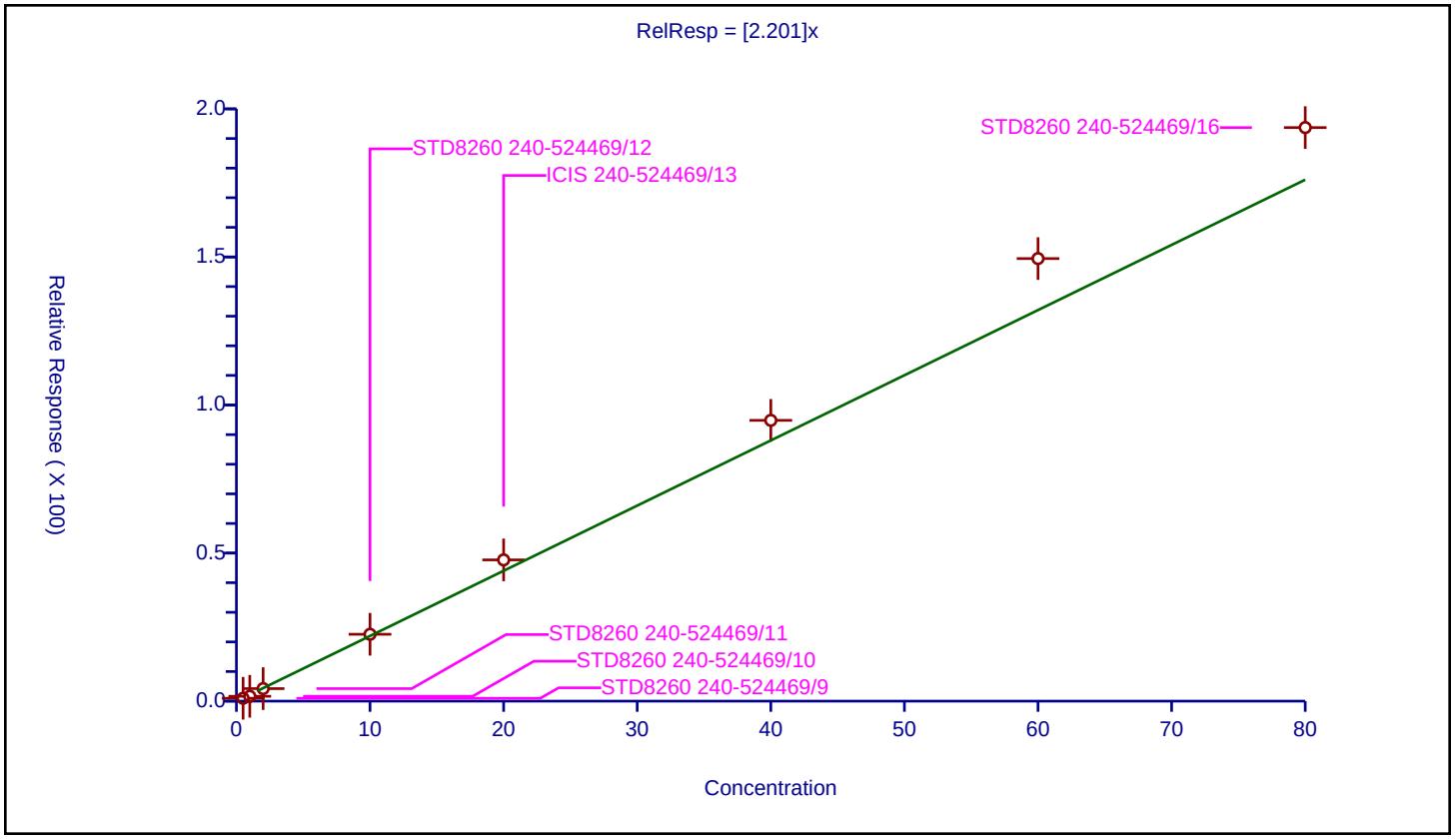
Curve Coefficients

Intercept:	0
Slope:	2.201

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	13.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.963025	20.0	289899.0	1.92605	Y
2	STD8260 240-524469/10	1.0	1.641001	20.0	282998.0	1.641001	Y
3	STD8260 240-524469/11	2.0	4.230408	20.0	306240.0	2.115204	Y
4	STD8260 240-524469/12	10.0	22.577239	20.0	311923.0	2.257724	Y
5	ICIS 240-524469/13	20.0	47.696946	20.0	322411.0	2.384847	Y
6	STD8260 240-524469/14	40.0	94.824959	20.0	357860.0	2.370624	Y
7	STD8260 240-524469/15	60.0	149.450703	20.0	348154.0	2.490845	Y
8	STD8260 240-524469/16	80.0	193.687196	20.0	360008.0	2.42109	Y



Calibration / 4-Chlorotoluene

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

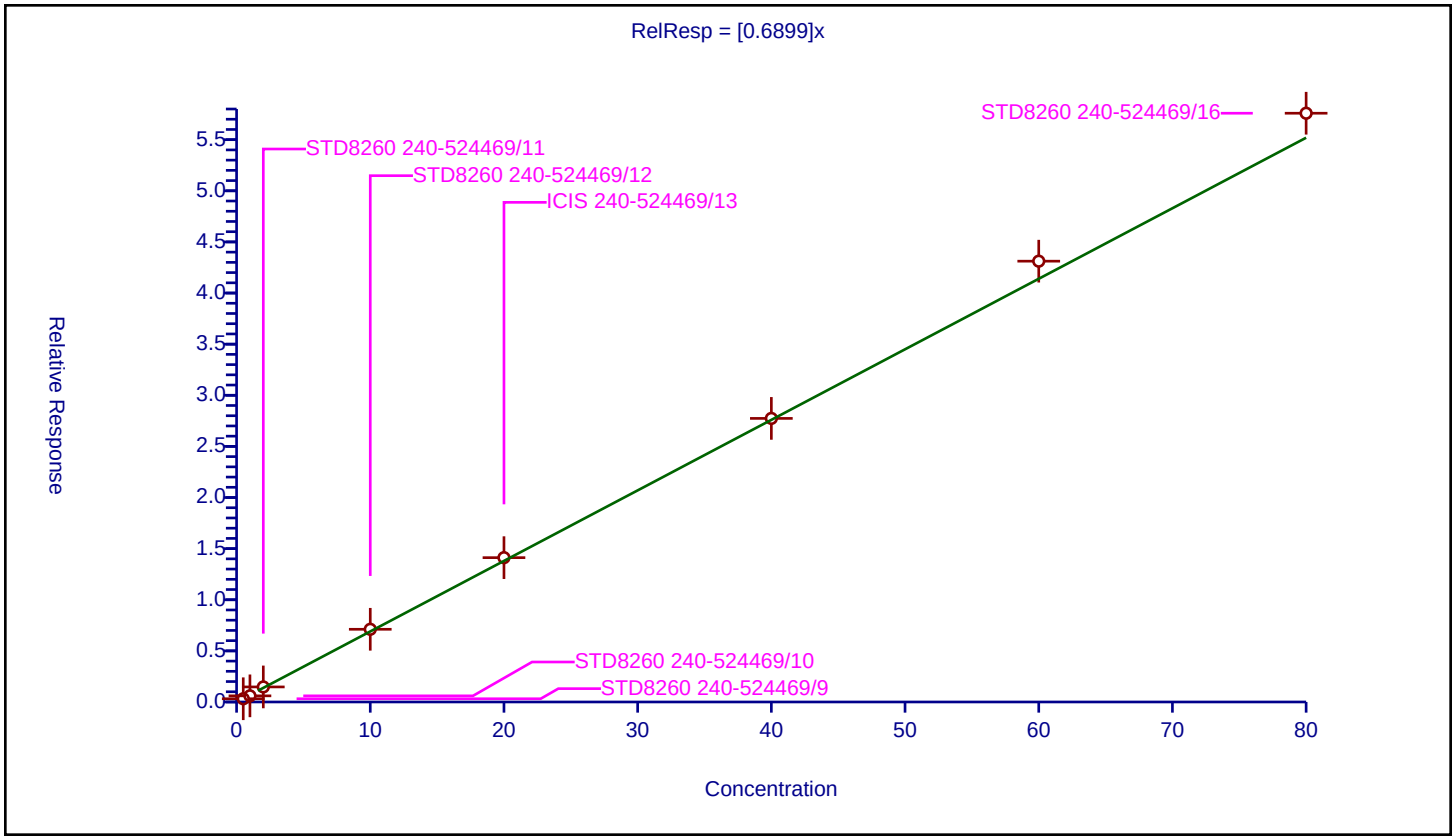
Curve Coefficients

Intercept:	0
Slope:	0.6899

Error Coefficients

Standard Error:	528000
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	STD8260 240-524469/9	0.5	0.316731	20.0	289899.0	0.633462	Y
2	STD8260 240-524469/10	1.0	0.600852	20.0	282998.0	0.600852	Y
3	STD8260 240-524469/11	2.0	1.471852	20.0	306240.0	0.735926	Y
4	STD8260 240-524469/12	10.0	7.110409	20.0	311923.0	0.711041	Y
5	ICIS 240-524469/13	20.0	14.118129	20.0	322411.0	0.705906	Y
6	STD8260 240-524469/14	40.0	27.739228	20.0	357860.0	0.693481	Y
7	STD8260 240-524469/15	60.0	43.118045	20.0	348154.0	0.718634	Y
8	STD8260 240-524469/16	80.0	57.58822	20.0	360008.0	0.719853	Y



Calibration / tert-Butylbenzene

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

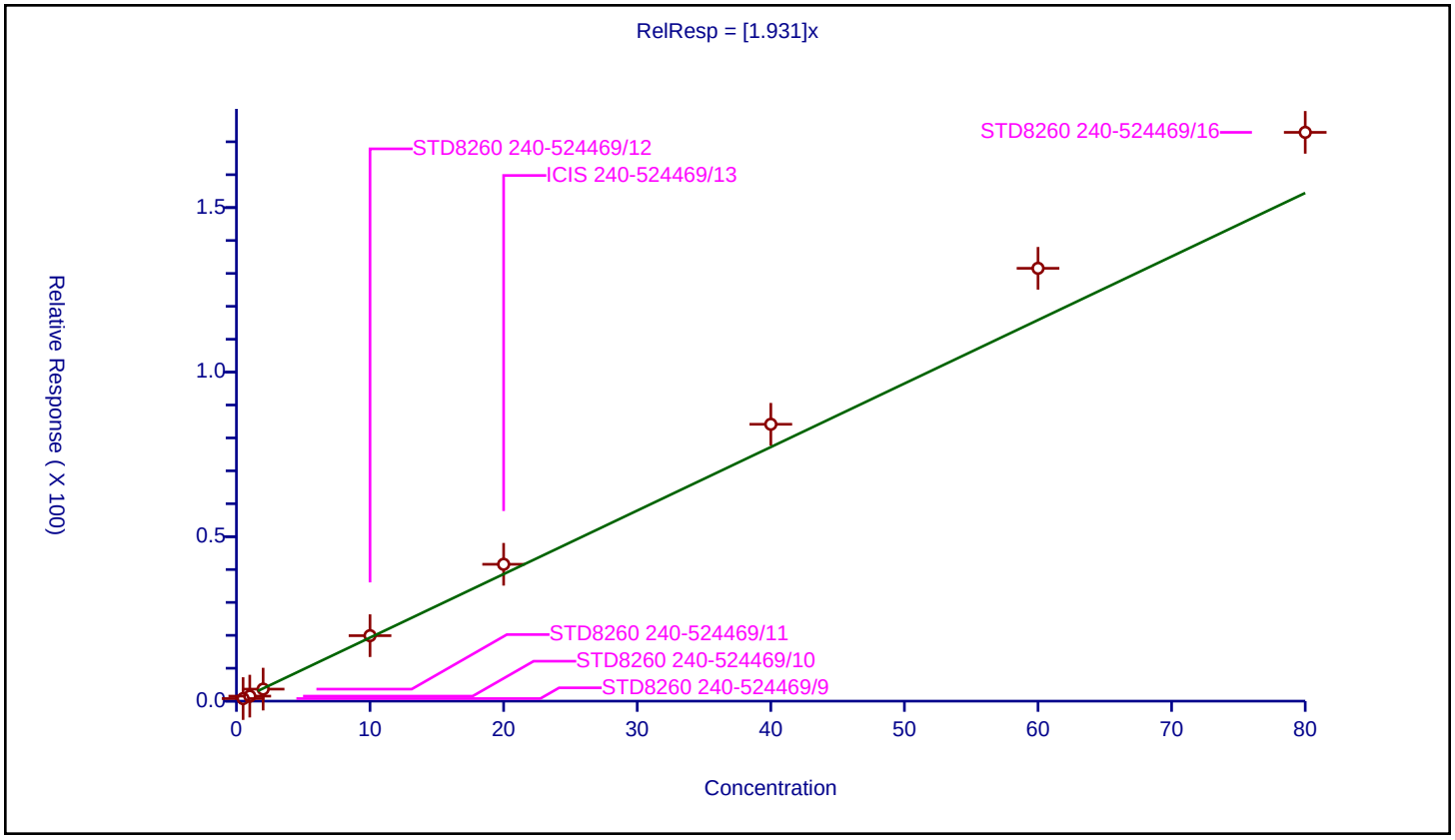
Curve Coefficients

Intercept:	0
Slope:	1.931

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.779651	20.0	289899.0	1.559302	Y
2	STD8260 240-524469/10	1.0	1.529198	20.0	282998.0	1.529198	Y
3	STD8260 240-524469/11	2.0	3.657785	20.0	306240.0	1.828892	Y
4	STD8260 240-524469/12	10.0	19.900745	20.0	311923.0	1.990074	Y
5	ICIS 240-524469/13	20.0	41.594362	20.0	322411.0	2.079718	Y
6	STD8260 240-524469/14	40.0	84.150226	20.0	357860.0	2.103756	Y
7	STD8260 240-524469/15	60.0	131.550004	20.0	348154.0	2.1925	Y
8	STD8260 240-524469/16	80.0	172.865381	20.0	360008.0	2.160817	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

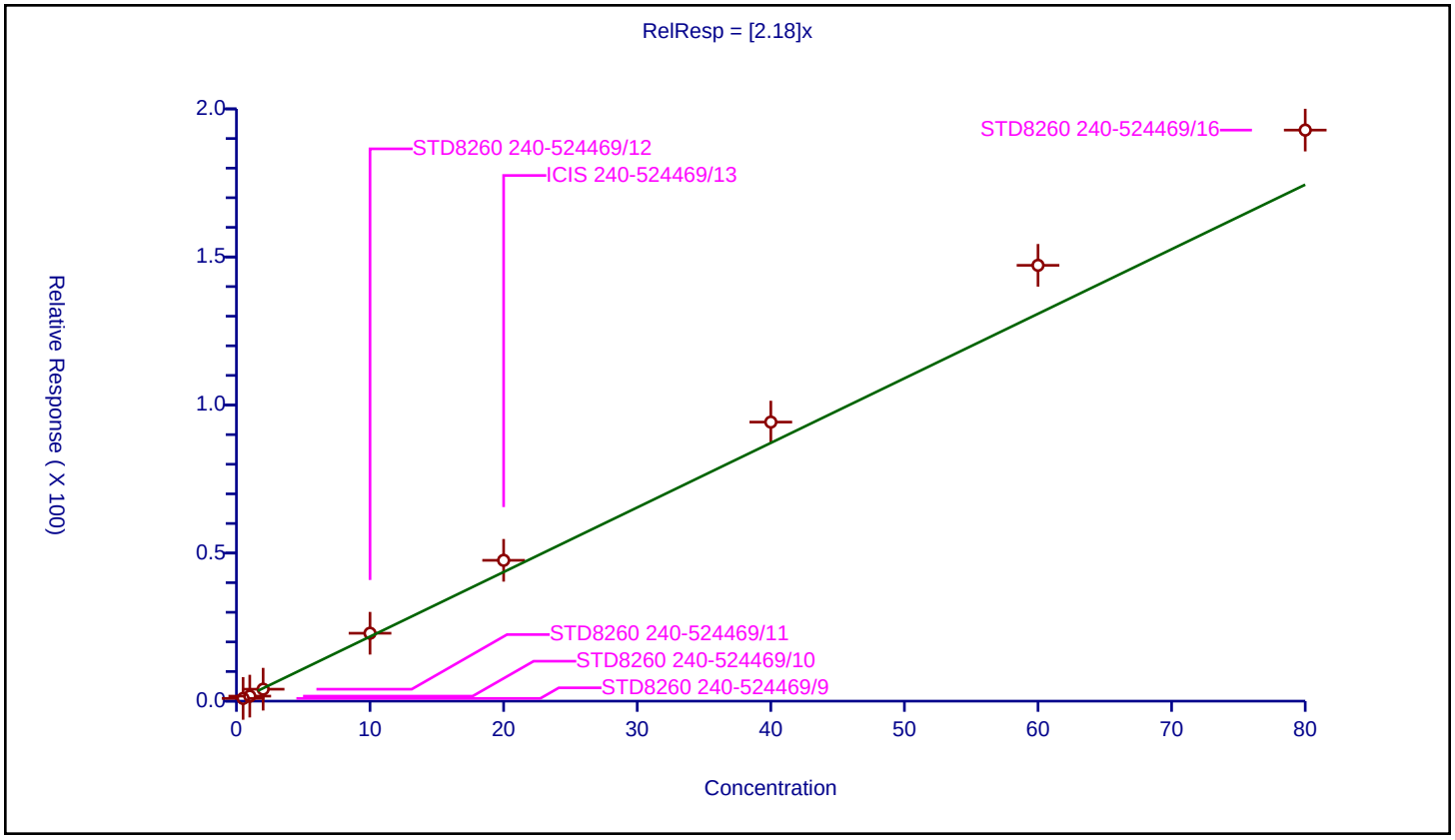
Curve Coefficients

Intercept:	0
Slope:	2.18

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	13.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.920527	20.0	289899.0	1.841055	Y
2	STD8260 240-524469/10	1.0	1.692591	20.0	282998.0	1.692591	Y
3	STD8260 240-524469/11	2.0	4.033634	20.0	306240.0	2.016817	Y
4	STD8260 240-524469/12	10.0	22.934699	20.0	311923.0	2.29347	Y
5	ICIS 240-524469/13	20.0	47.55638	20.0	322411.0	2.377819	Y
6	STD8260 240-524469/14	40.0	94.233443	20.0	357860.0	2.355836	Y
7	STD8260 240-524469/15	60.0	147.174986	20.0	348154.0	2.452916	Y
8	STD8260 240-524469/16	80.0	192.838104	20.0	360008.0	2.410476	Y



Calibration / sec-Butylbenzene

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

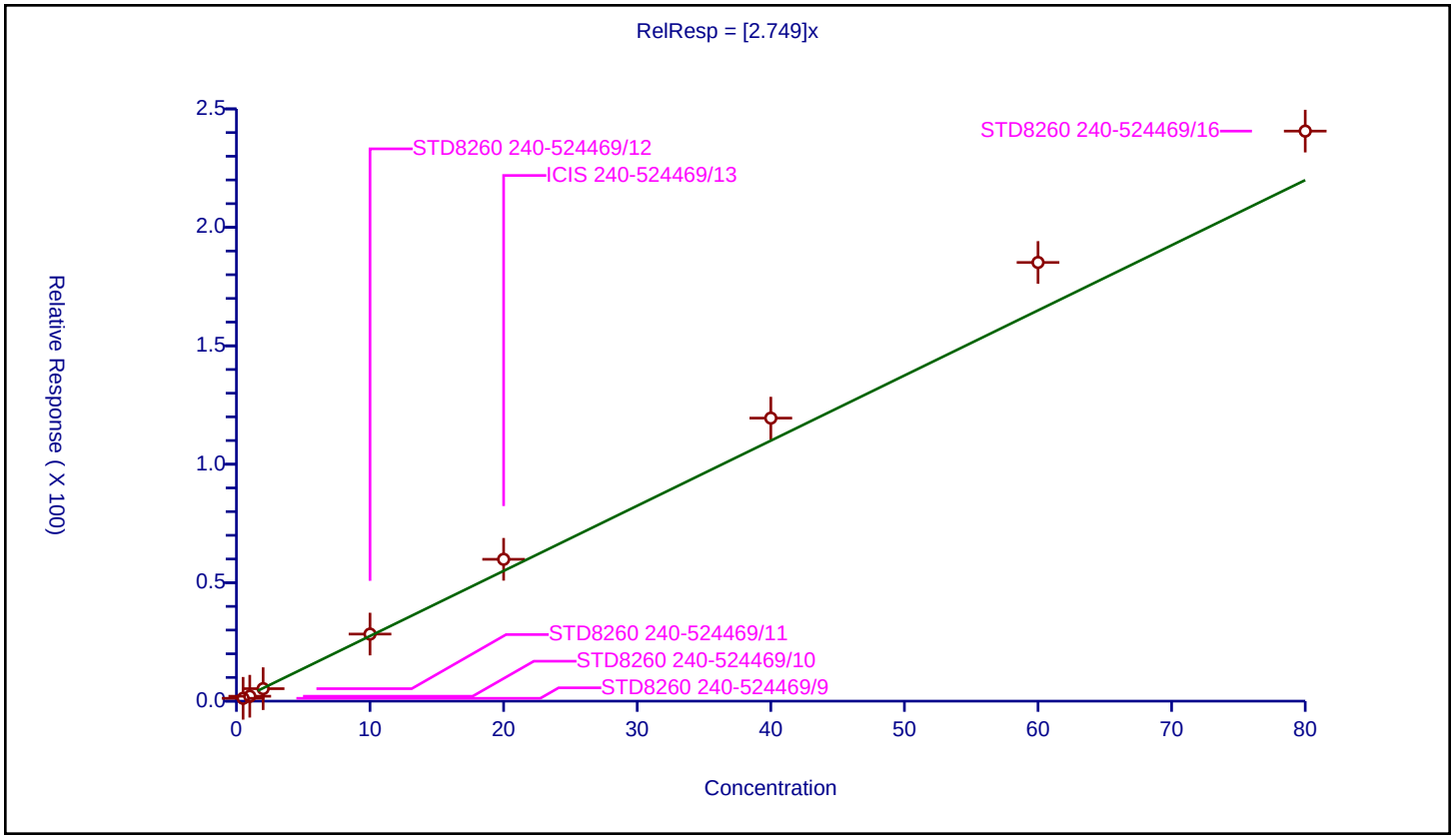
Curve Coefficients

Intercept:	0
Slope:	2.749

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	1.192415	20.0	289899.0	2.384831	Y
2	STD8260 240-524469/10	1.0	2.068566	20.0	282998.0	2.068566	Y
3	STD8260 240-524469/11	2.0	5.267176	20.0	306240.0	2.633588	Y
4	STD8260 240-524469/12	10.0	28.311218	20.0	311923.0	2.831122	Y
5	ICIS 240-524469/13	20.0	59.870414	20.0	322411.0	2.993521	Y
6	STD8260 240-524469/14	40.0	119.470687	20.0	357860.0	2.986767	Y
7	STD8260 240-524469/15	60.0	185.175985	20.0	348154.0	3.086266	Y
8	STD8260 240-524469/16	80.0	240.620486	20.0	360008.0	3.007756	Y



Calibration / 1,3-Dichlorobenzene

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

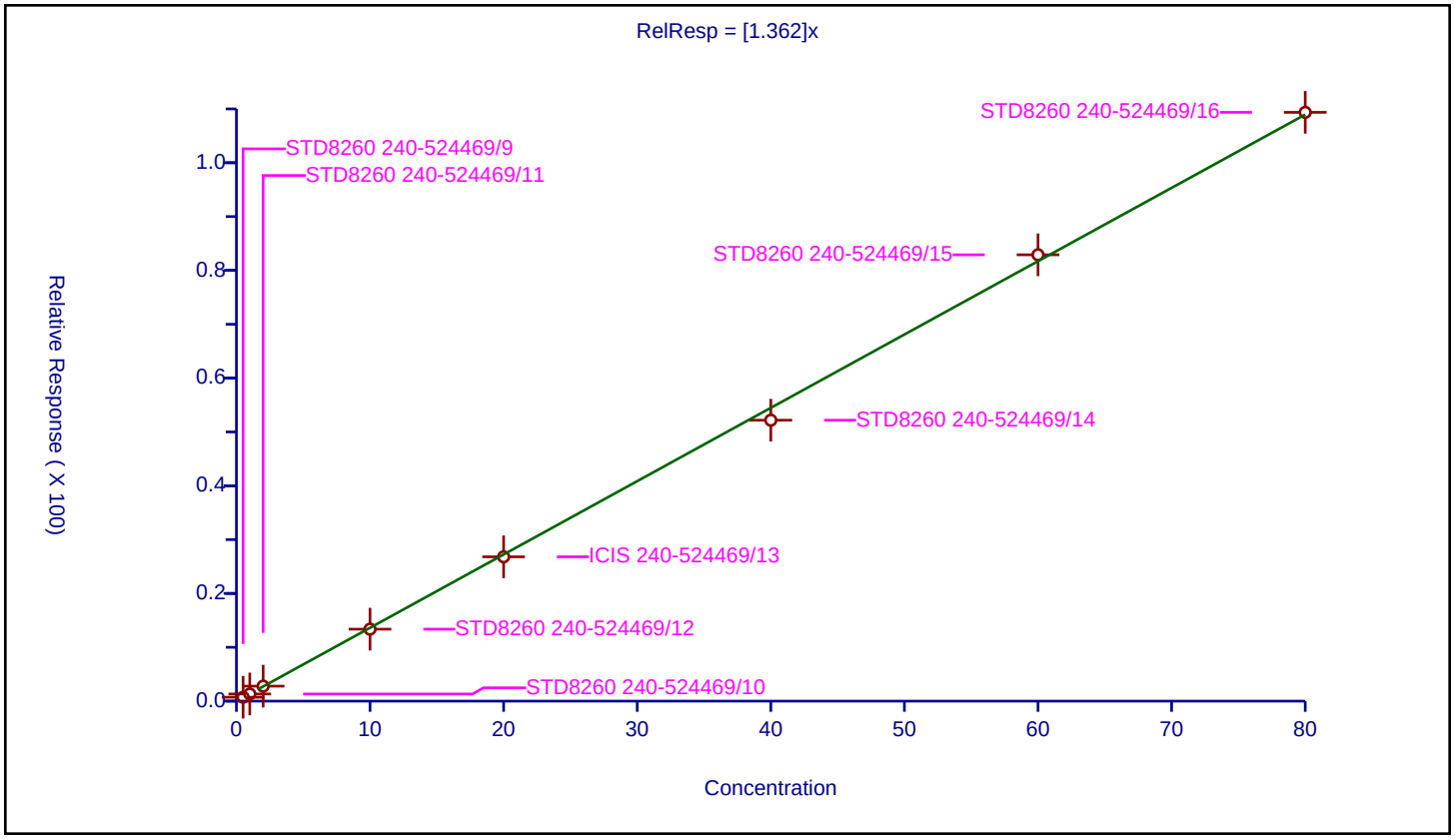
Curve Coefficients

Intercept:	0
Slope:	1.362

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.723217	20.0	289899.0	1.446435	Y
2	STD8260 240-524469/10	1.0	1.327289	20.0	282998.0	1.327289	Y
3	STD8260 240-524469/11	2.0	2.781805	20.0	306240.0	1.390903	Y
4	STD8260 240-524469/12	10.0	13.371249	20.0	311923.0	1.337125	Y
5	ICIS 240-524469/13	20.0	26.80287	20.0	322411.0	1.340143	Y
6	STD8260 240-524469/14	40.0	52.179176	20.0	357860.0	1.304479	Y
7	STD8260 240-524469/15	60.0	82.900211	20.0	348154.0	1.38167	Y
8	STD8260 240-524469/16	80.0	109.36257	20.0	360008.0	1.367032	Y



Calibration / 4-Isopropyltoluene

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

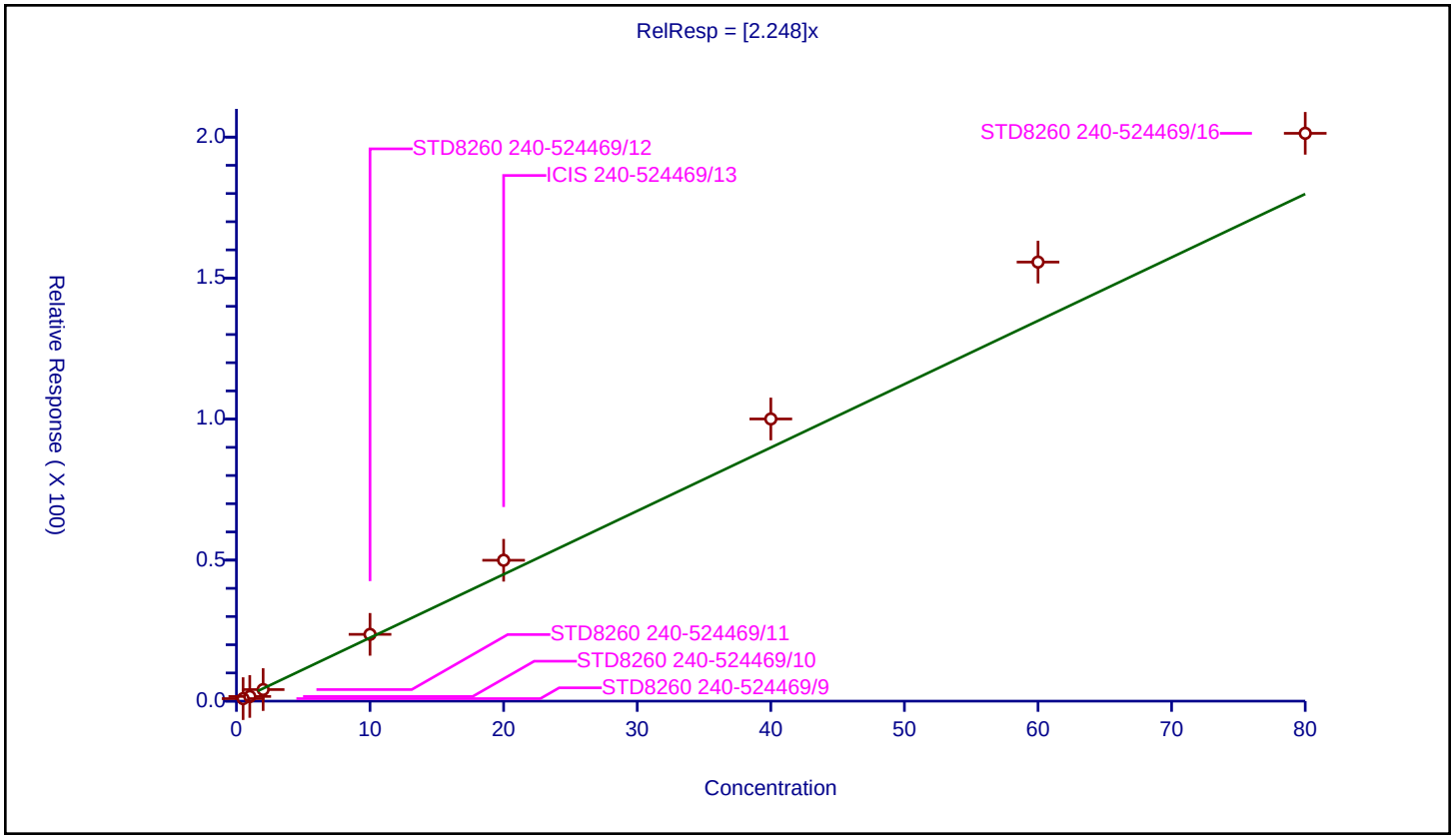
Curve Coefficients

Intercept:	0
Slope:	2.248

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	16.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.89645	20.0	289899.0	1.7929	Y
2	STD8260 240-524469/10	1.0	1.660082	20.0	282998.0	1.660082	Y
3	STD8260 240-524469/11	2.0	4.103252	20.0	306240.0	2.051626	Y
4	STD8260 240-524469/12	10.0	23.680075	20.0	311923.0	2.368007	Y
5	ICIS 240-524469/13	20.0	49.950963	20.0	322411.0	2.497548	Y
6	STD8260 240-524469/14	40.0	100.056614	20.0	357860.0	2.501415	Y
7	STD8260 240-524469/15	60.0	155.675075	20.0	348154.0	2.594585	Y
8	STD8260 240-524469/16	80.0	201.343026	20.0	360008.0	2.516788	Y



Calibration / 1,4-Dichlorobenzene

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

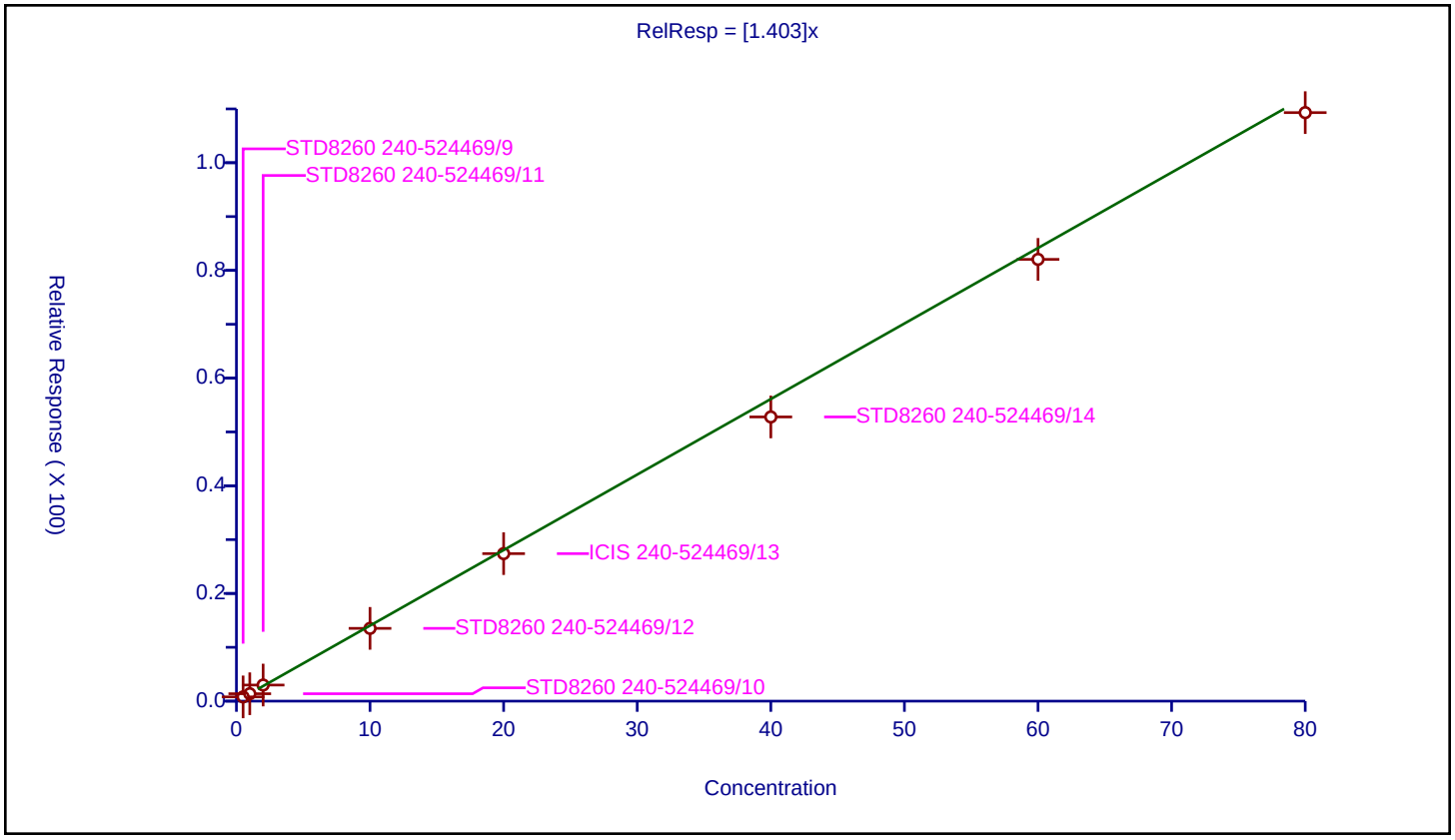
Curve Coefficients

Intercept:	0
Slope:	1.403

Error Coefficients

Standard Error:	1000000
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	STD8260 240-524469/9	0.5	0.788068	20.0	289899.0	1.576135	Y
2	STD8260 240-524469/10	1.0	1.375487	20.0	282998.0	1.375487	Y
3	STD8260 240-524469/11	2.0	2.990596	20.0	306240.0	1.495298	Y
4	STD8260 240-524469/12	10.0	13.514746	20.0	311923.0	1.351475	Y
5	ICIS 240-524469/13	20.0	27.40012	20.0	322411.0	1.370006	Y
6	STD8260 240-524469/14	40.0	52.782652	20.0	357860.0	1.319566	Y
7	STD8260 240-524469/15	60.0	82.050817	20.0	348154.0	1.367514	Y
8	STD8260 240-524469/16	80.0	109.308738	20.0	360008.0	1.366359	Y



Calibration / n-Butylbenzene

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

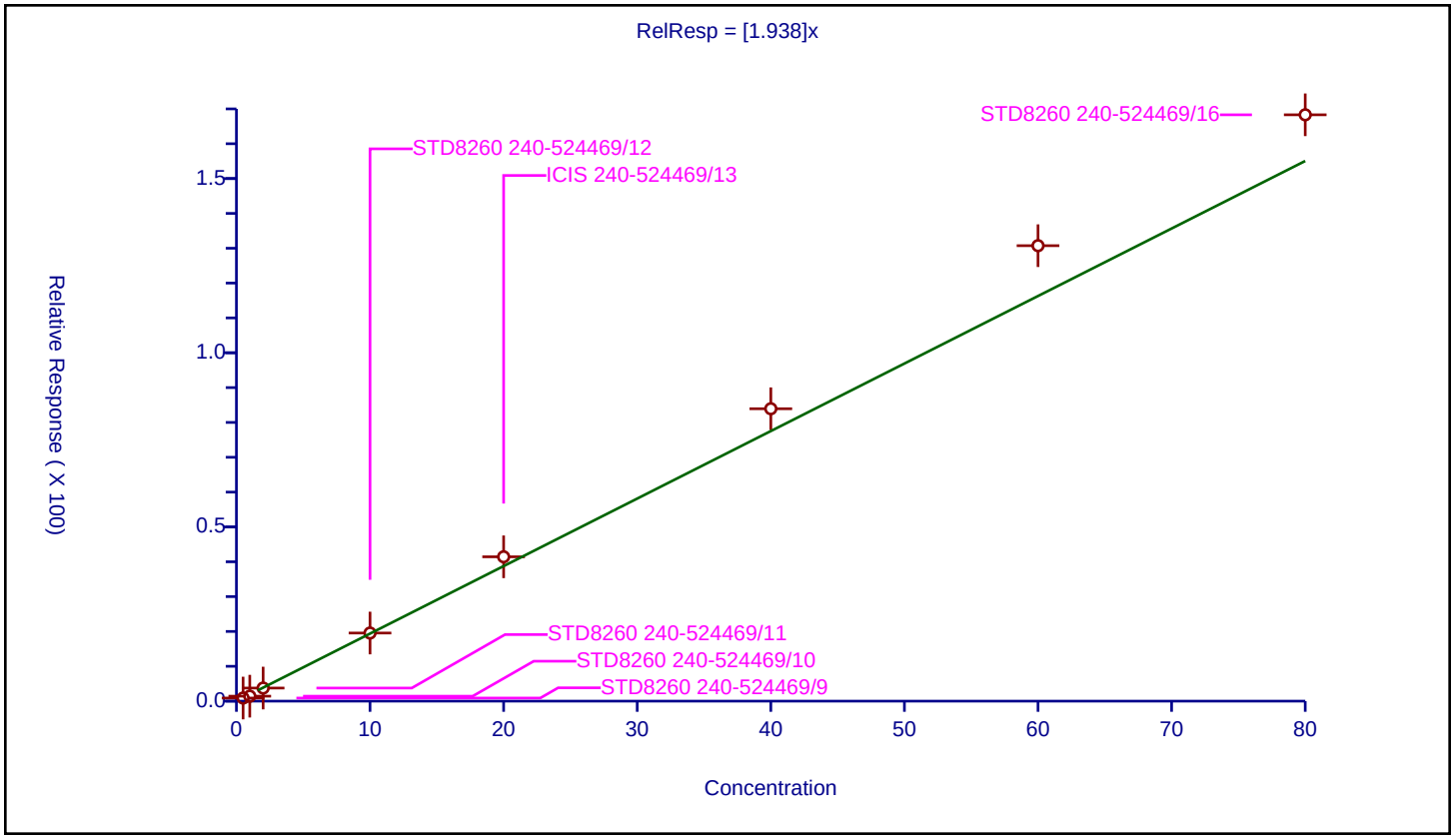
Curve Coefficients

Intercept:	0
Slope:	1.938

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.894036	20.0	289899.0	1.788071	Y
2	STD8260 240-524469/10	1.0	1.428773	20.0	282998.0	1.428773	Y
3	STD8260 240-524469/11	2.0	3.758751	20.0	306240.0	1.879376	Y
4	STD8260 240-524469/12	10.0	19.555724	20.0	311923.0	1.955572	Y
5	ICIS 240-524469/13	20.0	41.432954	20.0	322411.0	2.071648	Y
6	STD8260 240-524469/14	40.0	83.933046	20.0	357860.0	2.098326	Y
7	STD8260 240-524469/15	60.0	130.735766	20.0	348154.0	2.178929	Y
8	STD8260 240-524469/16	80.0	168.300927	20.0	360008.0	2.103762	Y



Calibration / 1,2-Dichlorobenzene

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

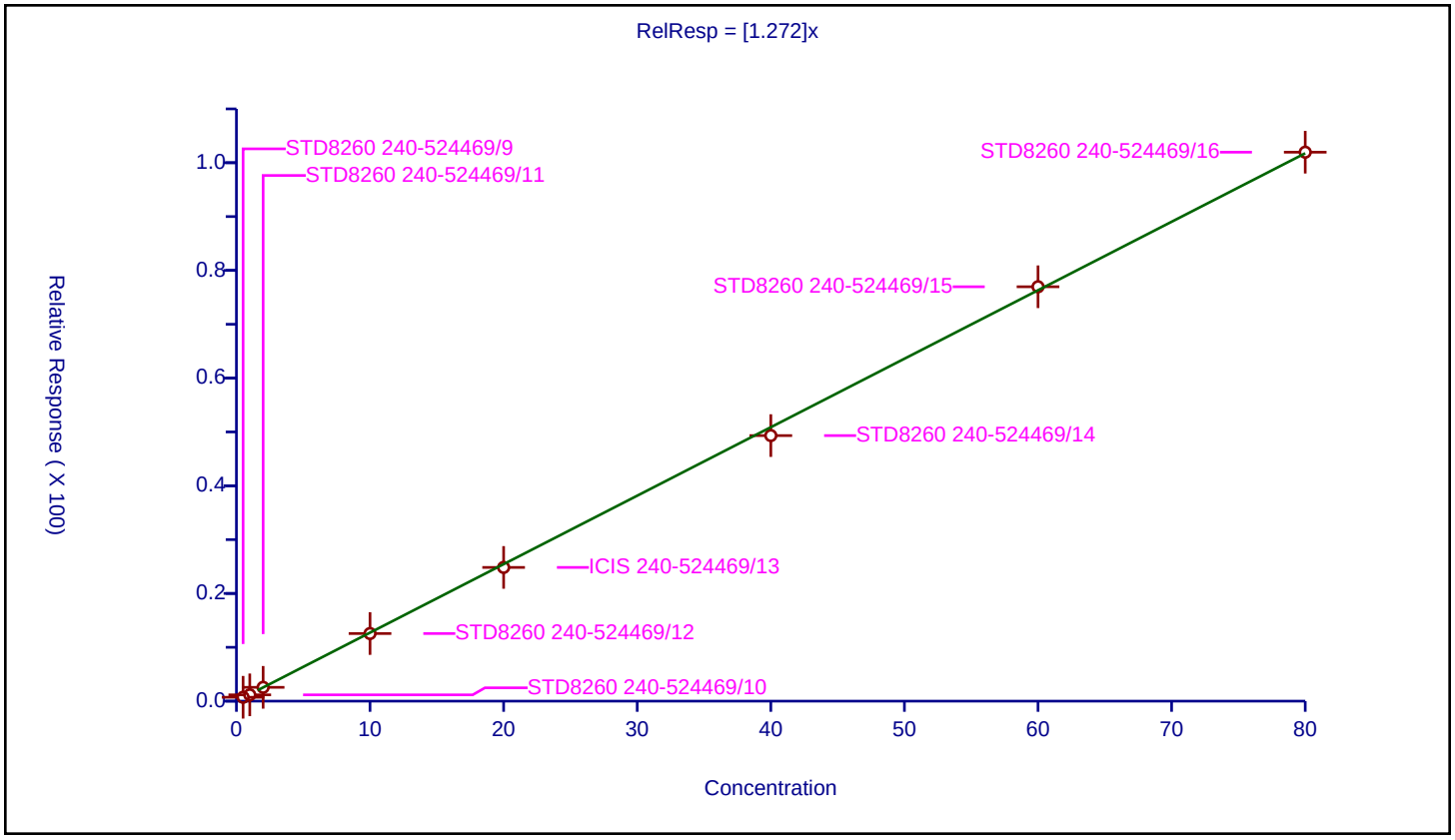
Curve Coefficients

Intercept:	0
Slope:	1.272

Error Coefficients

Standard Error:	937000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.718043	20.0	289899.0	1.436086	Y
2	STD8260 240-524469/10	1.0	1.167641	20.0	282998.0	1.167641	Y
3	STD8260 240-524469/11	2.0	2.567268	20.0	306240.0	1.283634	Y
4	STD8260 240-524469/12	10.0	12.558869	20.0	311923.0	1.255887	Y
5	ICIS 240-524469/13	20.0	24.836311	20.0	322411.0	1.241816	Y
6	STD8260 240-524469/14	40.0	49.322864	20.0	357860.0	1.233072	Y
7	STD8260 240-524469/15	60.0	76.964562	20.0	348154.0	1.282743	Y
8	STD8260 240-524469/16	80.0	101.955901	20.0	360008.0	1.274449	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

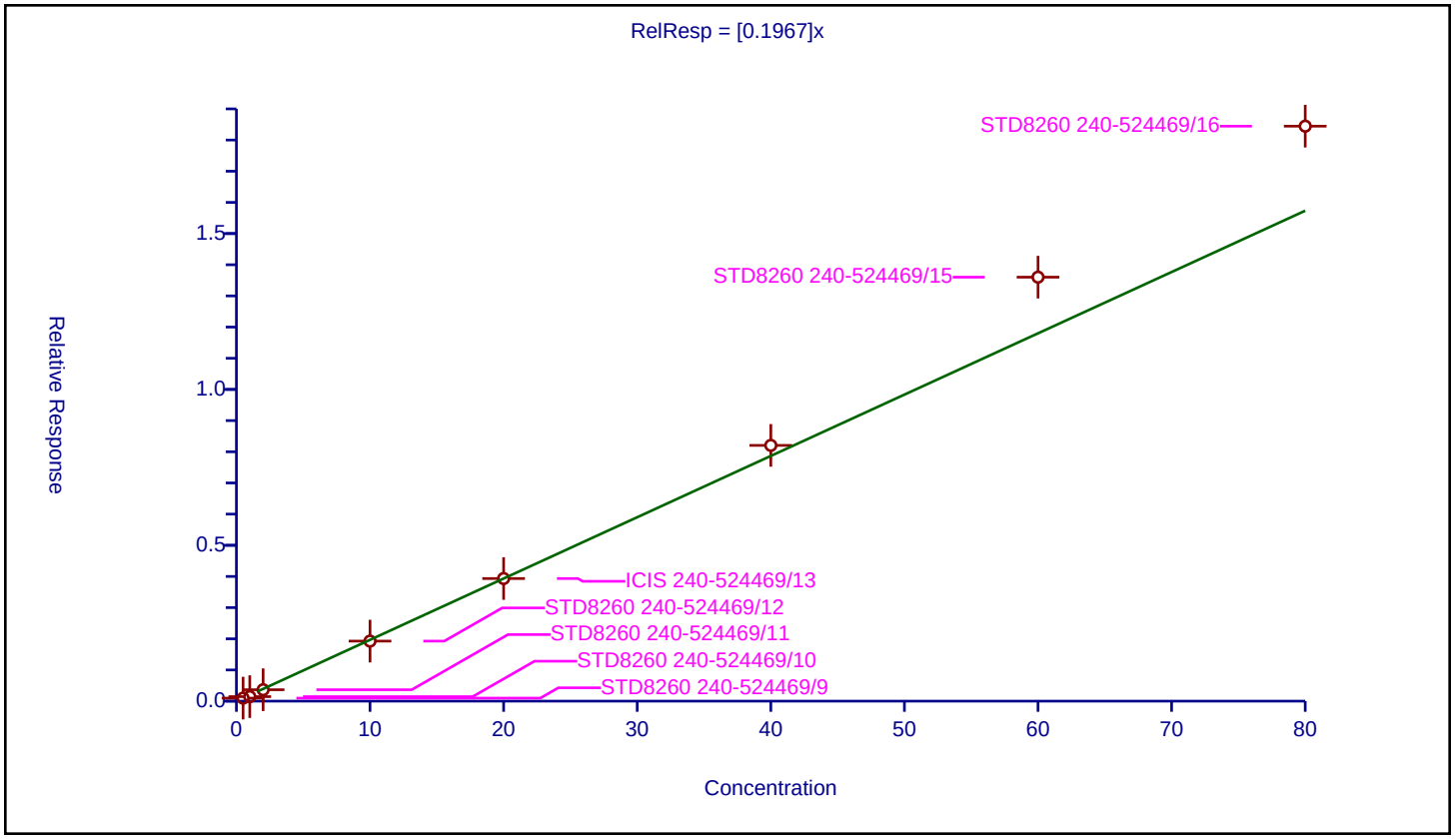
Curve Coefficients

Intercept:	0
Slope:	0.1967

Error Coefficients

Standard Error:	166000
Relative Standard Error:	13.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.097068	20.0	289899.0	0.194137	Y
2	STD8260 240-524469/10	1.0	0.144524	20.0	282998.0	0.144524	Y
3	STD8260 240-524469/11	2.0	0.365922	20.0	306240.0	0.182961	Y
4	STD8260 240-524469/12	10.0	1.926309	20.0	311923.0	0.192631	Y
5	ICIS 240-524469/13	20.0	3.933054	20.0	322411.0	0.196653	Y
6	STD8260 240-524469/14	40.0	8.205108	20.0	357860.0	0.205128	Y
7	STD8260 240-524469/15	60.0	13.601682	20.0	348154.0	0.226695	Y
8	STD8260 240-524469/16	80.0	18.445812	20.0	360008.0	0.230573	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

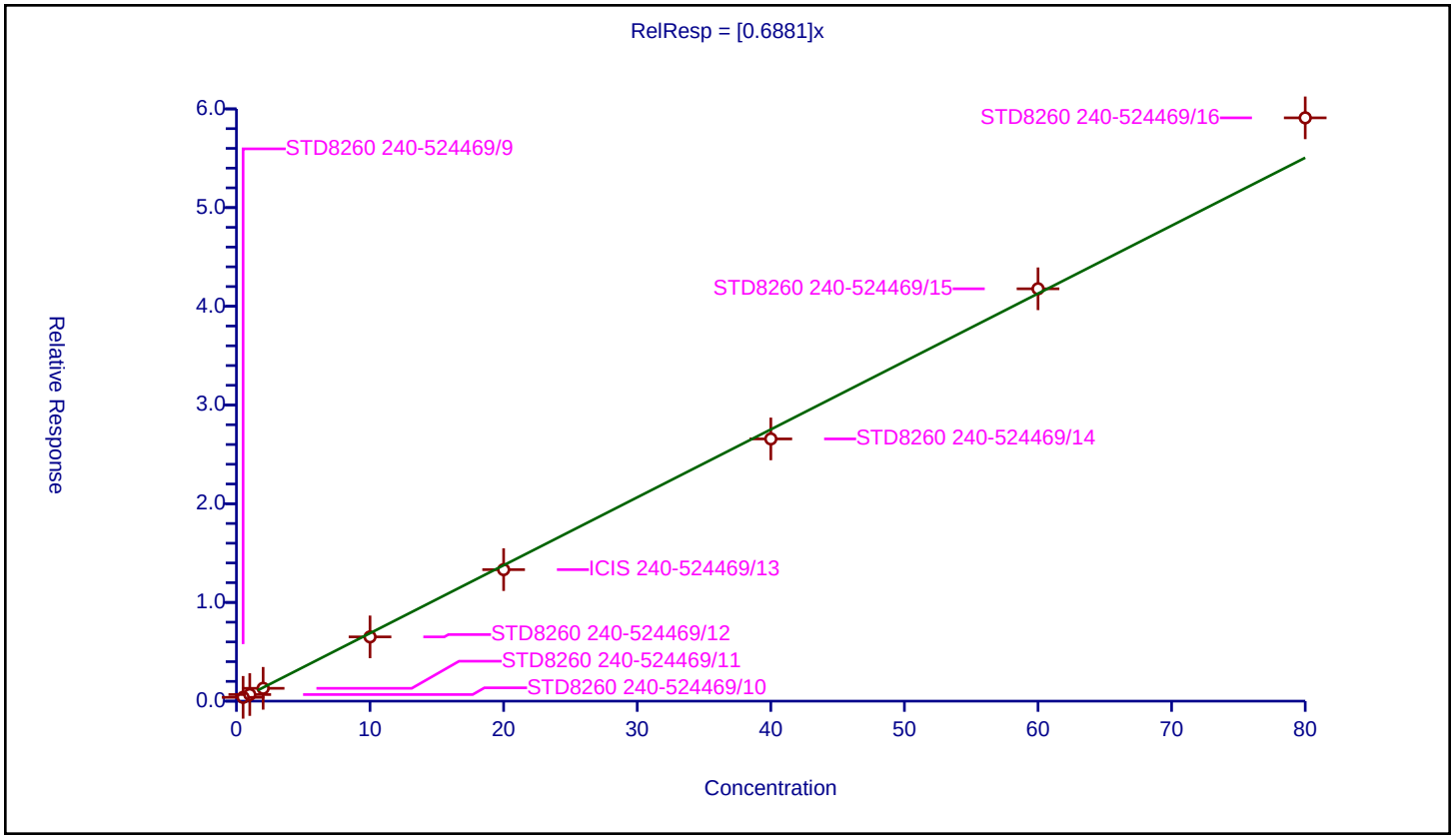
Curve Coefficients

Intercept:	0
Slope:	0.6881

Error Coefficients

Standard Error:	527000
Relative Standard Error:	6.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.385445	20.0	289899.0	0.770889	Y
2	STD8260 240-524469/10	1.0	0.66792	20.0	282998.0	0.66792	Y
3	STD8260 240-524469/11	2.0	1.300418	20.0	306240.0	0.650209	Y
4	STD8260 240-524469/12	10.0	6.510068	20.0	311923.0	0.651007	Y
5	ICIS 240-524469/13	20.0	13.322126	20.0	322411.0	0.666106	Y
6	STD8260 240-524469/14	40.0	26.565864	20.0	357860.0	0.664147	Y
7	STD8260 240-524469/15	60.0	41.774789	20.0	348154.0	0.696246	Y
8	STD8260 240-524469/16	80.0	59.09352	20.0	360008.0	0.738669	Y



Calibration / Hexachlorobutadiene

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

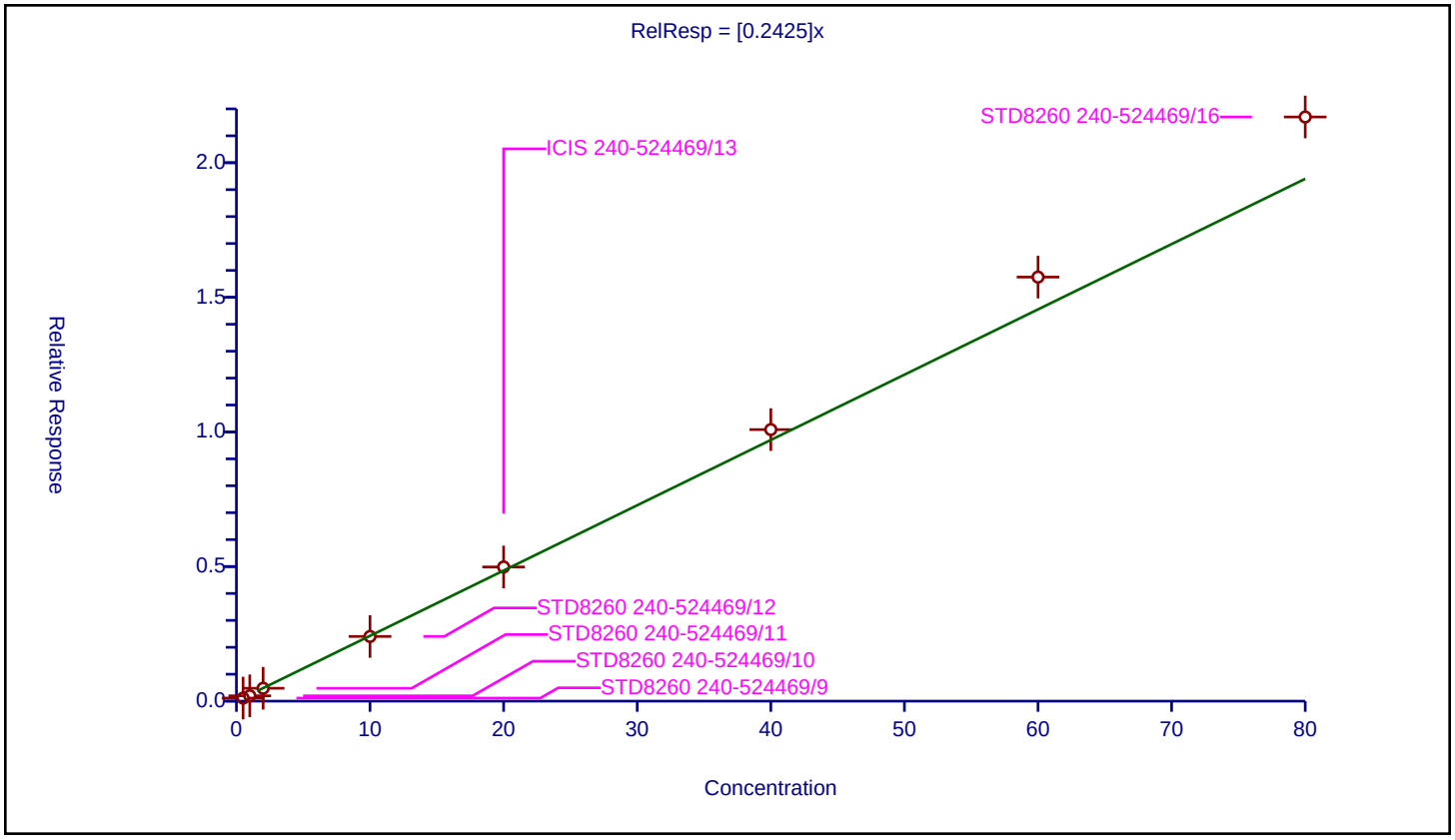
Curve Coefficients

Intercept:	0
Slope:	0.2425

Error Coefficients

Standard Error:	196000
Relative Standard Error:	9.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.113626	20.0	289899.0	0.227252	Y
2	STD8260 240-524469/10	1.0	0.198164	20.0	282998.0	0.198164	Y
3	STD8260 240-524469/11	2.0	0.478775	20.0	306240.0	0.239387	Y
4	STD8260 240-524469/12	10.0	2.402452	20.0	311923.0	0.240245	Y
5	ICIS 240-524469/13	20.0	4.984135	20.0	322411.0	0.249207	Y
6	STD8260 240-524469/14	40.0	10.087297	20.0	357860.0	0.252182	Y
7	STD8260 240-524469/15	60.0	15.752569	20.0	348154.0	0.262543	Y
8	STD8260 240-524469/16	80.0	21.699518	20.0	360008.0	0.271244	Y



Calibration / Naphthalene

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

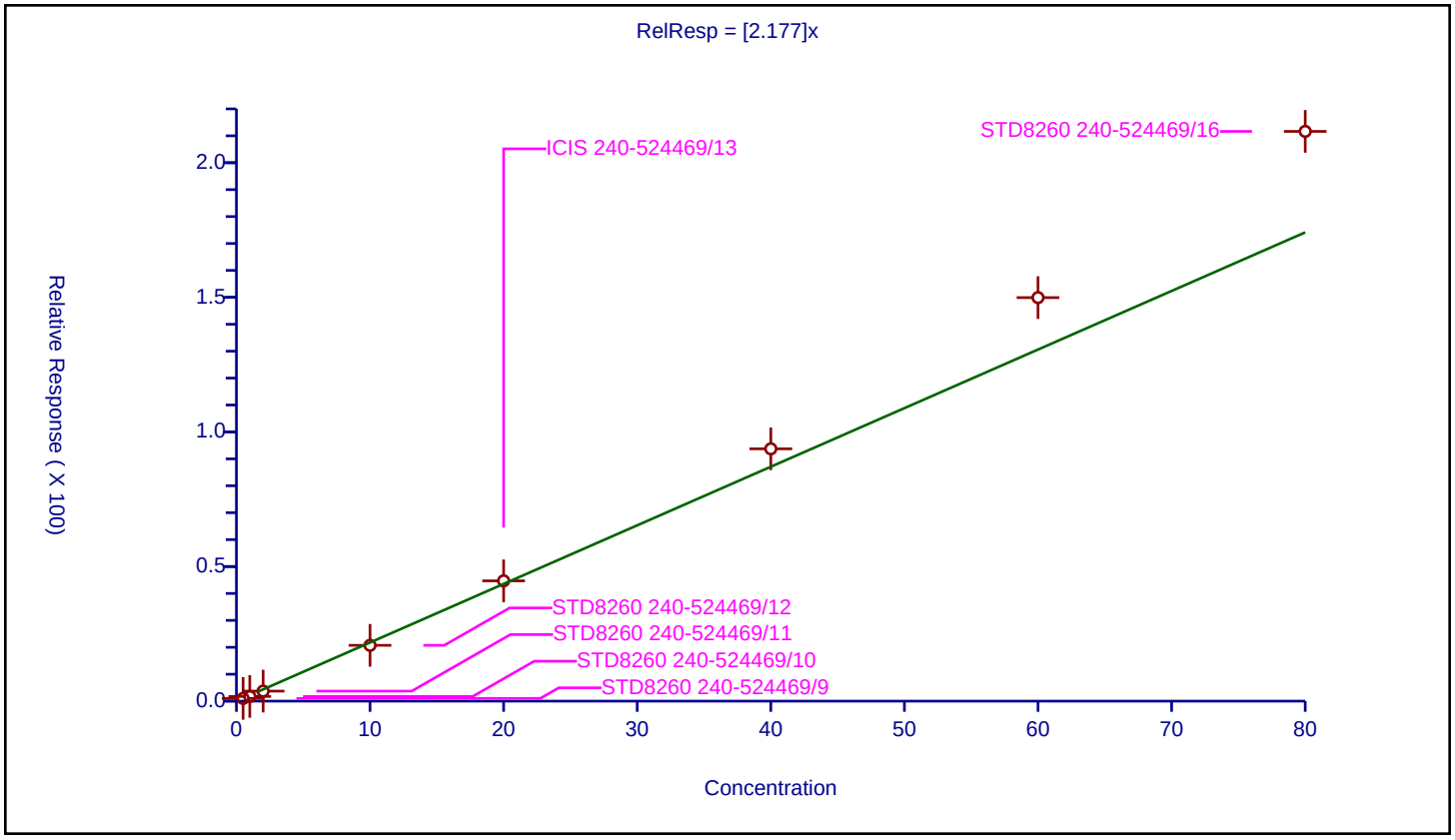
Curve Coefficients

Intercept:	0
Slope:	2.177

Error Coefficients

Standard Error:	1880000
Relative Standard Error:	14.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	1.012077	20.0	289899.0	2.024153	Y
2	STD8260 240-524469/10	1.0	1.73351	20.0	282998.0	1.73351	Y
3	STD8260 240-524469/11	2.0	3.721917	20.0	306240.0	1.860959	Y
4	STD8260 240-524469/12	10.0	20.729795	20.0	311923.0	2.07298	Y
5	ICIS 240-524469/13	20.0	44.688984	20.0	322411.0	2.234449	Y
6	STD8260 240-524469/14	40.0	93.726094	20.0	357860.0	2.343152	Y
7	STD8260 240-524469/15	60.0	149.897	20.0	348154.0	2.498283	Y
8	STD8260 240-524469/16	80.0	211.636575	20.0	360008.0	2.645457	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

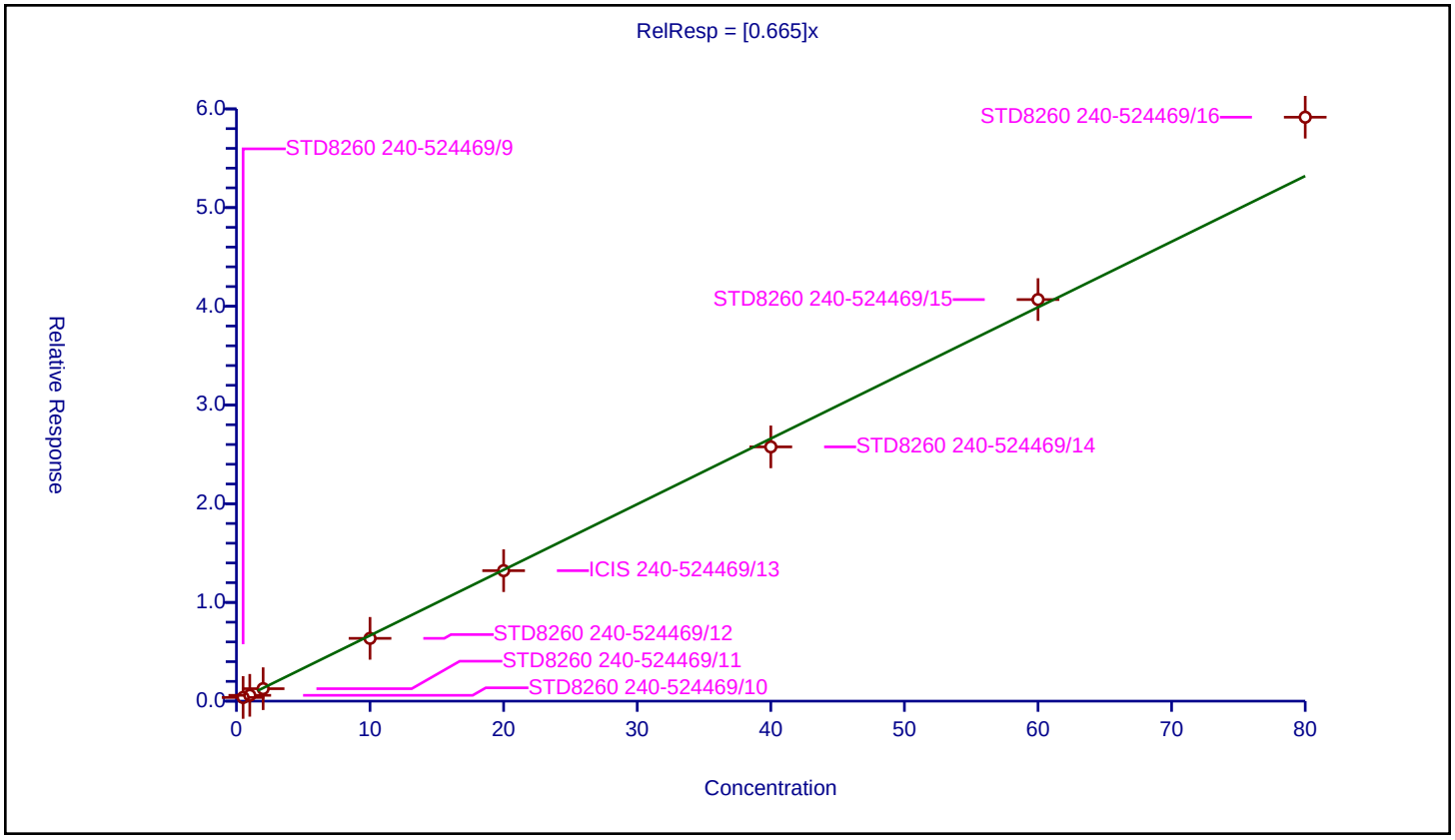
Curve Coefficients

Intercept:	0
Slope:	0.665

Error Coefficients

Standard Error:	521000
Relative Standard Error:	8.0
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8260 240-524469/9	0.5	0.37075	20.0	289899.0	0.7415	Y
2	STD8260 240-524469/10	1.0	0.58905	20.0	282998.0	0.58905	Y
3	STD8260 240-524469/11	2.0	1.262343	20.0	306240.0	0.631172	Y
4	STD8260 240-524469/12	10.0	6.360031	20.0	311923.0	0.636003	Y
5	ICIS 240-524469/13	20.0	13.216236	20.0	322411.0	0.660812	Y
6	STD8260 240-524469/14	40.0	25.758956	20.0	357860.0	0.643974	Y
7	STD8260 240-524469/15	60.0	40.683031	20.0	348154.0	0.678051	Y
8	STD8260 240-524469/16	80.0	59.158852	20.0	360008.0	0.739486	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-526135/18 Calibration Date: 05/12/2022 14:58

Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/20/2022 15:24

Lab File ID: u1290542.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isobutyl alcohol	Ave	0.0095	0.0073		0.432	0.500	-22.3	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290542.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-May-2022 14:58:30 ALS Bottle#: 14 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-018
Operator ID: 1904 Instrument ID: A3UX12
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:48:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 15:43:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.959	0.012	99	910178	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	649010	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	95	340548	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	219651	20.0	21.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.711	-0.001	96	236008	20.0	19.9	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	889861	20.0	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	325505	20.0	20.1	
9 Dichlorodifluoromethane	85	2.090	2.078	0.012	99	333007	20.0	19.5	
10 Chloromethane	50	2.314	2.303	0.011	99	388388	20.0	18.9	
12 Vinyl chloride	62	2.445	2.433	0.012	98	381876	20.0	19.5	
11 Butadiene	54	2.480	2.457	0.023	92	385187	20.0	18.3	
14 Bromomethane	94	2.811	2.788	0.023	90	233009	20.0	18.5	
15 Chloroethane	64	2.894	2.883	0.012	100	239763	20.0	19.0	
16 Dichlorofluoromethane	67	3.119	3.096	0.023	98	524010	20.0	18.8	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	97	427494	20.0	19.6	
19 Ethyl ether	59	3.379	3.379	0.000	91	201287	20.0	21.2	
20 Acrolein	56	3.521	3.510	0.011	99	117461	100.0	109.5	
21 1,1-Dichloroethene	61	3.616	3.604	0.012	98	401410	20.0	20.0	
22 112TCTFE	101	3.628	3.616	0.012	91	250123	20.0	19.3	
23 Acetone	58	3.640	3.628	0.012	98	33452	40.0	31.2	
24 Iodomethane	142	3.770	3.758	0.012	98	389618	20.0	20.8	
25 Carbon disulfide	76	3.829	3.817	0.012	99	804868	20.0	19.7	
28 Methyl acetate	43	3.900	3.900	0.000	97	277957	40.0	42.9	
27 3-Chloro-1-propene	41	3.924	3.912	0.012	90	400928	20.0	23.0	
29 Methylene Chloride	49	4.042	4.030	0.012	92	323122	20.0	22.5	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	99	163783	200.0	189.3	
31 Acrylonitrile	53	4.219	4.220	-0.001	99	754668	200.0	193.8	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	730761	20.0	21.2	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	390533	20.0	20.6	
34 Hexane	57	4.468	4.468	0.000	91	357292	20.0	18.9	
36 Vinyl acetate	43	4.586	4.586	0.000	97	393992	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.622	4.610	0.012	96	461115	20.0	20.3	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	100	52150	40.0	37.1	
41 cis-1,2-Dichloroethene	96	5.071	5.060	0.011	82	278494	20.0	20.0	
40 2,2-Dichloropropane	77	5.071	5.072	-0.001	90	274008	20.0	18.4	
46 Chlorobromomethane	49	5.249	5.249	0.000	96	173133	20.0	23.1	
47 Tetrahydrofuran	42	5.261	5.261	0.000	85	146408	40.0	35.8	
48 Chloroform	83	5.320	5.308	0.012	95	424038	20.0	20.2	
49 1,1,1-Trichloroethane	97	5.474	5.462	0.012	99	384028	20.0	19.9	
50 Cyclohexane	84	5.533	5.533	0.000	88	420610	20.0	19.1	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	95	370233	20.0	19.5	
53 Isobutyl alcohol	41	5.592	5.592	0.000	62	167244	500.0	431.6	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	310470	20.0	20.2	
54 Benzene	78	5.746	5.746	0.000	97	1037845	20.0	20.0	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	303808	20.0	19.9	
57 n-Heptane	57	5.923	5.924	-0.001	92	165635	20.0	13.6	
59 Trichloroethene	130	6.243	6.243	0.000	97	269177	20.0	19.5	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	430524	20.0	19.3	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	89	231510	20.0	20.1	
65 1,4-Dioxane	88	6.503	6.503	0.000	92	29824	400.0	383.4	
64 Dibromomethane	174	6.539	6.539	0.000	95	153907	20.0	20.0	
66 Dichlorobromomethane	83	6.657	6.645	0.012	99	298292	20.0	20.1	
68 2-Chloroethyl vinyl ether	63	6.846	6.847	-0.001	92	147552	20.0	19.7	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	363377	20.0	19.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	466160	40.0	36.6	
71 Toluene	91	7.284	7.284	0.000	98	1029619	20.0	19.3	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	332193	20.0	19.5	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	298154	20.0	19.8	
75 1,1,2-Trichloroethane	97	7.627	7.628	-0.001	91	193630	20.0	20.0	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	257360	20.0	19.1	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	96	344624	20.0	19.6	
78 2-Hexanone	43	7.781	7.781	0.000	95	332246	40.0	36.5	
80 Chlorodibromomethane	129	7.970	7.971	-0.001	91	200813	20.0	20.0	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	196823	20.0	19.5	
83 Chlorobenzene	112	8.503	8.503	0.000	94	628600	20.0	19.3	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	72	212192	20.0	19.8	
85 Ethylbenzene	106	8.574	8.574	0.000	98	354010	20.0	19.3	
86 m-Xylene & p-Xylene	106	8.680	8.681	-0.001	98	438327	20.0	19.6	
87 o-Xylene	106	9.035	9.036	-0.001	97	427572	20.0	20.0	
88 Styrene	104	9.047	9.047	0.000	94	693385	20.0	19.6	
89 Bromoform	173	9.237	9.237	0.000	97	139181	20.0	20.0	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1109914	20.0	19.8	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	279242	20.0	20.4	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	89	87685	20.0	19.2	
92 Bromobenzene	156	9.674	9.675	-0.001	96	267368	20.0	19.8	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	81	84756	20.0	19.5	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	301048	20.0	20.2	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	250901	20.0	19.8	
98 1,3,5-Trimethylbenzene	105	9.887	9.888	-0.001	95	885219	20.0	20.3	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	259061	20.0	19.4	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	744090	20.0	20.0	
104 1,2,4-Trimethylbenzene	105	10.242	10.243	-0.001	95	900661	20.0	20.4	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	1044993	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	901352	20.0	20.2	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	500360	20.0	19.4	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	510137	20.0	19.3	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	762079	20.0	19.9	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	98	471904	20.0	19.8	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	86	61113	20.0	18.2	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	93	295392	20.0	19.5	
116 Hexachlorobutadiene	225	12.609	12.597	0.012	97	126053	20.0	22.2	
117 Naphthalene	128	12.739	12.739	0.000	97	912799	20.0	19.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	274563	20.0	19.3	
S 124 Trihalomethanes, Total	1				0		80.0	80.3	
S 125 Total BTEX	1				0		100.0	98.2	
S 128 Xylenes, Total	106				0		40.0	39.7	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added: 16.00	Units: uL	
vmfasaw_00416	Amount Added: 16.00	Units: uL	
vmfaspw_00443	Amount Added: 16.00	Units: uL	
vmDist_H2o_00209	Amount Added: 0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added: 0.00	Units:	Run Reagent

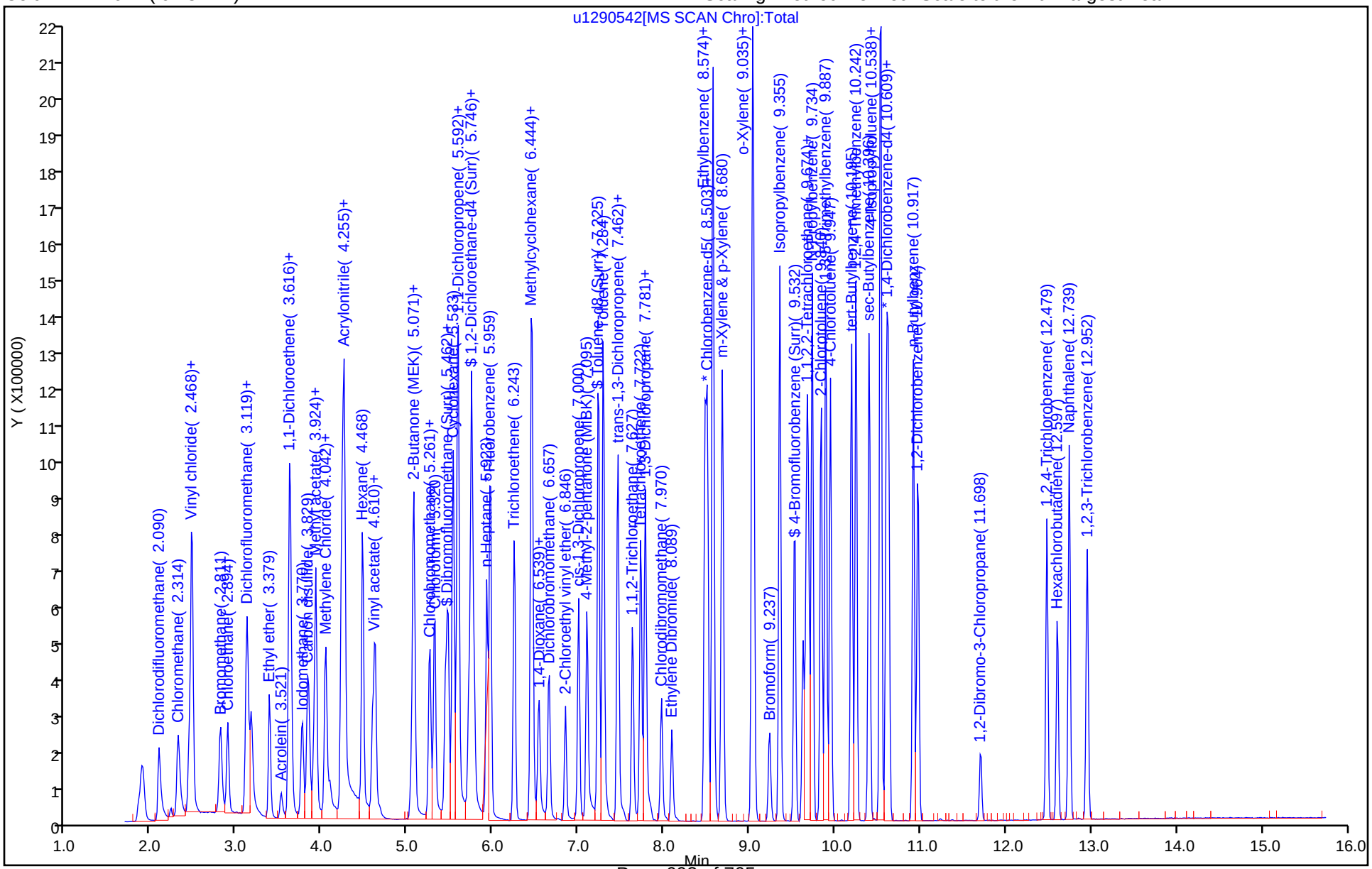
Report Date: 13-May-2022 08:48:10 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290542.D

Injection Date:	12-May-2022 14:58:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-526135/18 Calibration Date: 05/12/2022 14:58

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290542.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3760	0.3659	0.1000	0.0195	0.0200	-2.7	30.0
Chloromethane	Ave	0.4510	0.4267	0.1000	0.0189	0.0200	-5.4	30.0
Vinyl chloride	Ave	0.4300	0.4196	0.1000	0.0195	0.0200	-2.4	30.0
Butadiene	Ave	0.4615	0.4232		0.0183	0.0200	-8.3	30.0
Bromomethane	Ave	0.2770	0.2560	0.0500	0.0185	0.0200	-7.6	30.0
Chloroethane	Ave	0.2767	0.2634	0.0500	0.0190	0.0200	-4.8	30.0
Dichlorofluoromethane	Ave	0.6129	0.5757		0.0188	0.0200	-6.1	30.0
Trichlorofluoromethane	Ave	0.4790	0.4697	0.1000	0.0196	0.0200	-1.9	30.0
Ethyl ether	Ave	0.2085	0.2212		0.0212	0.0200	6.1	30.0
Acrolein	Ave	0.0236	0.0258		0.109	0.100	9.5	30.0
1,1-Dichloroethene	Ave	0.4413	0.4410	0.1000	0.0200	0.0200	-0.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2842	0.2748	0.0500	0.0193	0.0200	-3.3	30.0
Acetone	Qua		0.0184	0.0100	0.0312	0.0400	-21.9	50.0
Iodomethane	Ave	0.4108	0.4281		0.0208	0.0200	4.2	30.0
Carbon disulfide	Ave	0.8998	0.8843	0.1000	0.0197	0.0200	-1.7	30.0
Methyl acetate	Lin1		0.1527	0.1000	0.0429	0.0400	7.3	50.0
3-Chloro-1-propene	Lin1		0.4405		0.0230	0.0200	14.9	30.0
Methylene Chloride	Lin1		0.3550	0.1000	0.0225	0.0200	12.6	50.0
2-Methyl-2-propanol	Qua		0.0180		0.189	0.200	-5.4	30.0
Acrylonitrile	Ave	0.0856	0.0829		0.194	0.200	-3.1	30.0
Methyl tert-butyl ether	Ave	0.7587	0.8029	0.1000	0.0212	0.0200	5.8	30.0
trans-1,2-Dichloroethene	Ave	0.4166	0.4291	0.1000	0.0206	0.0200	3.0	30.0
Hexane	Ave	0.4163	0.3926		0.0189	0.0200	-5.7	30.0
Vinyl acetate	Ave	0.4525	0.4329		0.0191	0.0200	-4.3	30.0
1,1-Dichloroethane	Ave	0.4980	0.5066	0.2000	0.0203	0.0200	1.7	30.0
2-Butanone (MEK)	Ave	0.0308	0.0286	0.0100	0.0371	0.0400	-7.1	50.0
2,2-Dichloropropane	Ave	0.3266	0.3010		0.0184	0.0200	-7.8	30.0
cis-1,2-Dichloroethene	Ave	0.3054	0.3060	0.1000	0.0200	0.0200	0.2	30.0
Chlorobromomethane	Lin1		0.1902		0.0231	0.0200	15.7	30.0
Tetrahydrofuran	Ave	0.0899	0.0804		0.0358	0.0400	-10.5	30.0
Chloroform	Ave	0.4614	0.4659	0.2000	0.0202	0.0200	1.0	30.0
1,1,1-Trichloroethane	Ave	0.4244	0.4219	0.1000	0.0199	0.0200	-0.6	30.0
Cyclohexane	Ave	0.4850	0.4621	0.1000	0.0191	0.0200	-4.7	30.0
1,1-Dichloropropene	Ave	0.4171	0.4068		0.0195	0.0200	-2.5	30.0
Carbon tetrachloride	Ave	0.3375	0.3411	0.1000	0.0202	0.0200	1.1	30.0
Benzene	Ave	1.141	1.140	0.5000	0.0200	0.0200	-0.0	30.0
1,2-Dichloroethane	Ave	0.3355	0.3338	0.1000	0.0199	0.0200	-0.5	30.0
n-Heptane	Ave	0.2676	0.1820		0.0136	0.0200	-32.0*	30.0
Trichloroethene	Ave	0.3039	0.2957	0.1500	0.0195	0.0200	-2.7	30.0
Methylcyclohexane	Ave	0.4907	0.4730	0.1000	0.0193	0.0200	-3.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-526135/18 Calibration Date: 05/12/2022 14:58

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290542.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2526	0.2544	0.1000	0.0201	0.0200	0.7	30.0
1,4-Dioxane	Ave	0.0017	0.0016		0.383	0.400	-4.2	50.0
Dibromomethane	Ave	0.1689	0.1691		0.0200	0.0200	0.1	30.0
Dichlorobromomethane	Ave	0.3254	0.3277	0.1500	0.0201	0.0200	0.7	30.0
2-Chloroethyl vinyl ether	Ave	0.1649	0.1621		0.0197	0.0200	-1.7	30.0
cis-1,3-Dichloropropene	Ave	0.4077	0.3992	0.1500	0.0196	0.0200	-2.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2798	0.2561	0.0500	0.0366	0.0400	-8.5	50.0
Toluene	Ave	1.647	1.586	0.4000	0.0193	0.0200	-3.7	30.0
trans-1,3-Dichloropropene	Ave	0.5254	0.5118	0.1000	0.0195	0.0200	-2.6	30.0
Ethyl methacrylate	Ave	0.4651	0.4594		0.0198	0.0200	-1.2	30.0
1,1,2-Trichloroethane	Ave	0.2986	0.2983	0.1000	0.0200	0.0200	-0.0	30.0
Tetrachloroethene	Ave	0.4155	0.3965	0.1500	0.0191	0.0200	-4.6	30.0
1,3-Dichloropropane	Ave	0.5428	0.5310		0.0196	0.0200	-2.2	30.0
2-Hexanone	Ave	0.2802	0.2560	0.0500	0.0365	0.0400	-8.7	50.0
Chlorodibromomethane	Ave	0.3100	0.3094		0.0200	0.0200	-0.2	30.0
Ethylene Dibromide	Ave	0.3109	0.3033		0.0195	0.0200	-2.5	30.0
Chlorobenzene	Ave	1.004	0.9686	0.3000	0.0193	0.0200	-3.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3304	0.3269		0.0198	0.0200	-1.1	30.0
Ethylbenzene	Ave	0.5644	0.5455		0.0193	0.0200	-3.4	30.0
m-Xylene & p-Xylene	Ave	0.6883	0.6754		0.0196	0.0200	-1.9	30.0
o-Xylene	Ave	0.6578	0.6588		0.0200	0.0200	0.2	30.0
Styrene	Ave	1.092	1.068	0.3000	0.0196	0.0200	-2.1	30.0
Bromoform	Ave	0.2149	0.2145	0.1000	0.0200	0.0200	-0.2	30.0
Isopropylbenzene	Ave	1.723	1.710	0.1000	0.0198	0.0200	-0.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8037	0.8200	0.3000	0.0204	0.0200	2.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2687	0.2575		0.0192	0.0200	-4.2	30.0
Bromobenzene	Ave	0.7933	0.7851		0.0198	0.0200	-1.0	30.0
1,2,3-Trichloropropane	Ave	0.2555	0.2489		0.0195	0.0200	-2.6	30.0
N-Propylbenzene	Ave	0.8752	0.8840		0.0202	0.0200	1.0	30.0
2-Chlorotoluene	Ave	0.7460	0.7368		0.0198	0.0200	-1.2	30.0
1,3,5-Trimethylbenzene	Ave	2.559	2.599		0.0203	0.0200	1.6	30.0
4-Chlorotoluene	Ave	0.7828	0.7607		0.0194	0.0200	-2.8	30.0
tert-Butylbenzene	Ave	2.182	2.185		0.0200	0.0200	0.1	30.0
1,2,4-Trimethylbenzene	Ave	2.587	2.645		0.0204	0.0200	2.2	30.0
sec-Butylbenzene	Ave	3.043	3.069		0.0202	0.0200	0.8	30.0
1,3-Dichlorobenzene	Ave	1.512	1.469	0.6000	0.0194	0.0200	-2.8	30.0
4-Isopropyltoluene	Ave	2.617	2.647		0.0202	0.0200	1.1	30.0
1,4-Dichlorobenzene	Ave	1.550	1.498	0.5000	0.0193	0.0200	-3.4	30.0
n-Butylbenzene	Ave	2.245	2.238		0.0199	0.0200	-0.3	30.0
1,2-Dichlorobenzene	Ave	1.403	1.386	0.4000	0.0198	0.0200	-1.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1795	0.0500	0.0182	0.0200	-9.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-526135/18 Calibration Date: 05/12/2022 14:58

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290542.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8885	0.8674	0.2000	0.0195	0.0200	-2.4	50.0
Hexachlorobutadiene	Ave	0.3334	0.3701		0.0222	0.0200	11.0	50.0
Naphthalene	Ave	2.761	2.680		0.0194	0.0200	-2.9	50.0
1,2,3-Trichlorobenzene	Ave	0.8362	0.8062		0.0193	0.0200	-3.6	30.0
Dibromofluoromethane (Surr)	Ave	0.2273	0.2413		0.0212	0.0200	6.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2610	0.2593		0.0199	0.0200	-0.6	30.0
Toluene-d8 (Surr)	Ave	1.334	1.371		0.0206	0.0200	2.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4979	0.5015		0.0201	0.0200	0.7	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290542.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-May-2022 14:58:30 ALS Bottle#: 14 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-018
Operator ID: 1904 Instrument ID: A3UX12
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:48:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 12-May-2022 15:43:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.959	0.012	99	910178	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	649010	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	95	340548	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	219651	20.0	21.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.711	-0.001	96	236008	20.0	19.9	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	889861	20.0	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	325505	20.0	20.1	
9 Dichlorodifluoromethane	85	2.090	2.078	0.012	99	333007	20.0	19.5	
10 Chloromethane	50	2.314	2.303	0.011	99	388388	20.0	18.9	
12 Vinyl chloride	62	2.445	2.433	0.012	98	381876	20.0	19.5	
11 Butadiene	54	2.480	2.457	0.023	92	385187	20.0	18.3	
14 Bromomethane	94	2.811	2.788	0.023	90	233009	20.0	18.5	
15 Chloroethane	64	2.894	2.883	0.012	100	239763	20.0	19.0	
16 Dichlorofluoromethane	67	3.119	3.096	0.023	98	524010	20.0	18.8	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	97	427494	20.0	19.6	
19 Ethyl ether	59	3.379	3.379	0.000	91	201287	20.0	21.2	
20 Acrolein	56	3.521	3.510	0.011	99	117461	100.0	109.5	
21 1,1-Dichloroethene	61	3.616	3.604	0.012	98	401410	20.0	20.0	
22 112TCTFE	101	3.628	3.616	0.012	91	250123	20.0	19.3	
23 Acetone	58	3.640	3.628	0.012	98	33452	40.0	31.2	
24 Iodomethane	142	3.770	3.758	0.012	98	389618	20.0	20.8	
25 Carbon disulfide	76	3.829	3.817	0.012	99	804868	20.0	19.7	
28 Methyl acetate	43	3.900	3.900	0.000	97	277957	40.0	42.9	
27 3-Chloro-1-propene	41	3.924	3.912	0.012	90	400928	20.0	23.0	
29 Methylene Chloride	49	4.042	4.030	0.012	92	323122	20.0	22.5	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	99	163783	200.0	189.3	
31 Acrylonitrile	53	4.219	4.220	-0.001	99	754668	200.0	193.8	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	730761	20.0	21.2	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	390533	20.0	20.6	
34 Hexane	57	4.468	4.468	0.000	91	357292	20.0	18.9	
36 Vinyl acetate	43	4.586	4.586	0.000	97	393992	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.622	4.610	0.012	96	461115	20.0	20.3	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	100	52150	40.0	37.1	
41 cis-1,2-Dichloroethene	96	5.071	5.060	0.011	82	278494	20.0	20.0	
40 2,2-Dichloropropane	77	5.071	5.072	-0.001	90	274008	20.0	18.4	
46 Chlorobromomethane	49	5.249	5.249	0.000	96	173133	20.0	23.1	
47 Tetrahydrofuran	42	5.261	5.261	0.000	85	146408	40.0	35.8	
48 Chloroform	83	5.320	5.308	0.012	95	424038	20.0	20.2	
49 1,1,1-Trichloroethane	97	5.474	5.462	0.012	99	384028	20.0	19.9	
50 Cyclohexane	84	5.533	5.533	0.000	88	420610	20.0	19.1	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	95	370233	20.0	19.5	
53 Isobutyl alcohol	41	5.592	5.592	0.000	62	167244	500.0	431.6	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	310470	20.0	20.2	
54 Benzene	78	5.746	5.746	0.000	97	1037845	20.0	20.0	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	303808	20.0	19.9	
57 n-Heptane	57	5.923	5.924	-0.001	92	165635	20.0	13.6	
59 Trichloroethene	130	6.243	6.243	0.000	97	269177	20.0	19.5	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	430524	20.0	19.3	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	89	231510	20.0	20.1	
65 1,4-Dioxane	88	6.503	6.503	0.000	92	29824	400.0	383.4	
64 Dibromomethane	174	6.539	6.539	0.000	95	153907	20.0	20.0	
66 Dichlorobromomethane	83	6.657	6.645	0.012	99	298292	20.0	20.1	
68 2-Chloroethyl vinyl ether	63	6.846	6.847	-0.001	92	147552	20.0	19.7	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	363377	20.0	19.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	466160	40.0	36.6	
71 Toluene	91	7.284	7.284	0.000	98	1029619	20.0	19.3	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	332193	20.0	19.5	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	298154	20.0	19.8	
75 1,1,2-Trichloroethane	97	7.627	7.628	-0.001	91	193630	20.0	20.0	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	257360	20.0	19.1	
77 1,3-Dichloropropane	76	7.781	7.770	0.011	96	344624	20.0	19.6	
78 2-Hexanone	43	7.781	7.781	0.000	95	332246	40.0	36.5	
80 Chlorodibromomethane	129	7.970	7.971	-0.001	91	200813	20.0	20.0	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	196823	20.0	19.5	
83 Chlorobenzene	112	8.503	8.503	0.000	94	628600	20.0	19.3	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	72	212192	20.0	19.8	
85 Ethylbenzene	106	8.574	8.574	0.000	98	354010	20.0	19.3	
86 m-Xylene & p-Xylene	106	8.680	8.681	-0.001	98	438327	20.0	19.6	
87 o-Xylene	106	9.035	9.036	-0.001	97	427572	20.0	20.0	
88 Styrene	104	9.047	9.047	0.000	94	693385	20.0	19.6	
89 Bromoform	173	9.237	9.237	0.000	97	139181	20.0	20.0	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1109914	20.0	19.8	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	279242	20.0	20.4	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	89	87685	20.0	19.2	
92 Bromobenzene	156	9.674	9.675	-0.001	96	267368	20.0	19.8	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	81	84756	20.0	19.5	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	301048	20.0	20.2	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	250901	20.0	19.8	
98 1,3,5-Trimethylbenzene	105	9.887	9.888	-0.001	95	885219	20.0	20.3	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	259061	20.0	19.4	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	744090	20.0	20.0	
104 1,2,4-Trimethylbenzene	105	10.242	10.243	-0.001	95	900661	20.0	20.4	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	1044993	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.527	0.011	97	901352	20.0	20.2	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	500360	20.0	19.4	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	510137	20.0	19.3	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	762079	20.0	19.9	
112 1,2-Dichlorobenzene	146	10.976	10.964	0.012	98	471904	20.0	19.8	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	86	61113	20.0	18.2	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	93	295392	20.0	19.5	
116 Hexachlorobutadiene	225	12.609	12.597	0.012	97	126053	20.0	22.2	
117 Naphthalene	128	12.739	12.739	0.000	97	912799	20.0	19.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	274563	20.0	19.3	
S 124 Trihalomethanes, Total	1				0		80.0	80.3	
S 125 Total BTEX	1				0		100.0	98.2	
S 128 Xylenes, Total	106				0		40.0	39.7	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added: 16.00	Units: uL	
vmfasaw_00416	Amount Added: 16.00	Units: uL	
vmfaspw_00443	Amount Added: 16.00	Units: uL	
vmDist_H2o_00209	Amount Added: 0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added: 0.00	Units:	Run Reagent

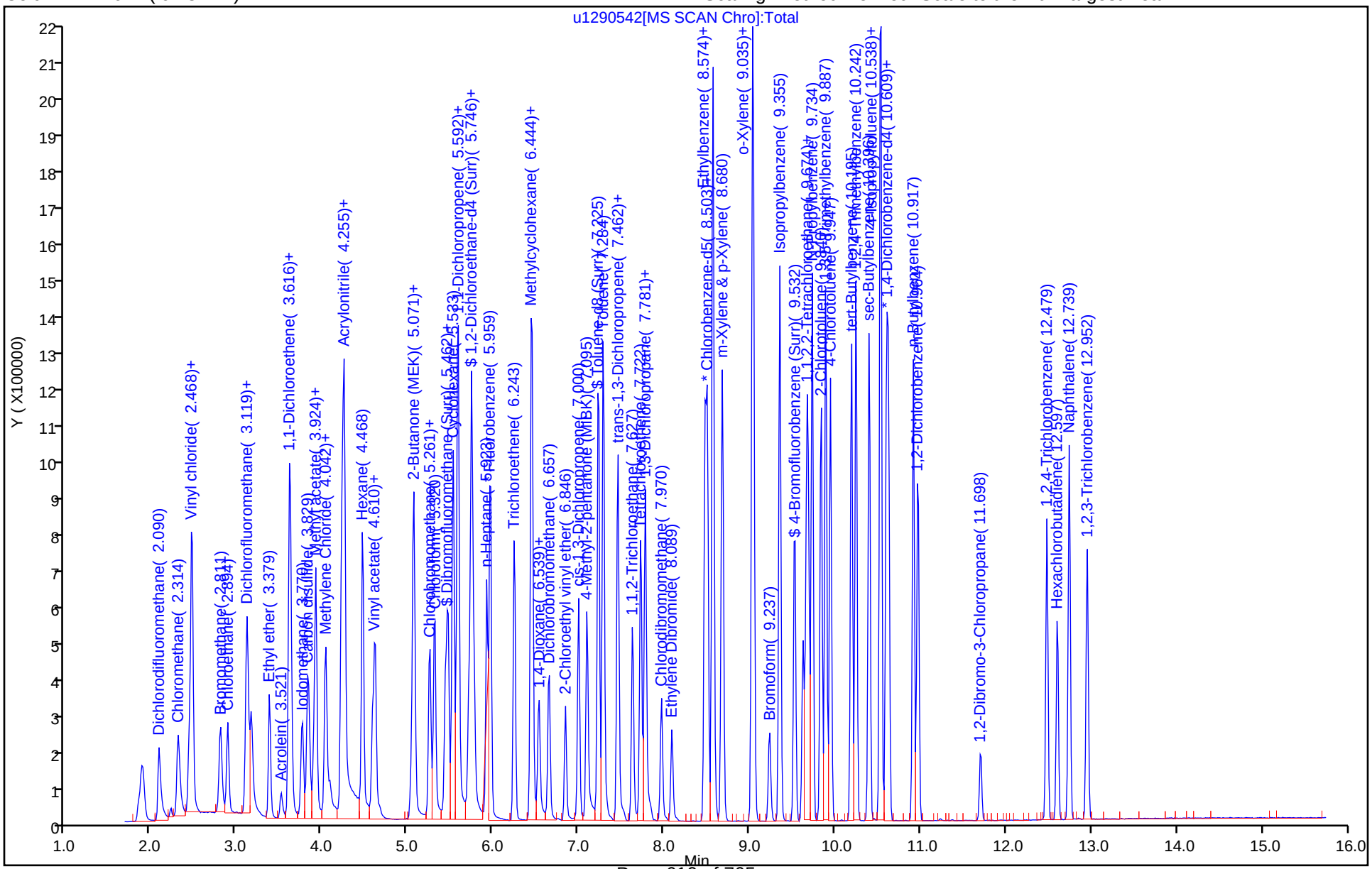
Report Date: 13-May-2022 08:48:10 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290542.D

Injection Date:	12-May-2022 14:58:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526533/4 Calibration Date: 05/16/2022 10:46

Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/20/2022 15:24

Lab File ID: u1290586.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isobutyl alcohol	Ave	0.0095	0.0100		0.616	0.500	5.7	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290586.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-May-2022 10:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-004
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 11:20:36 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 11:20:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.971	0.000	99	884294	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	602149	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	94	344471	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	242367	20.0	24.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	95	263650	20.0	22.8	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	864906	20.0	21.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	91	322481	20.0	21.5	
9 Dichlorodifluoromethane	85	2.089	2.089	0.000	99	326116	20.0	19.6	
10 Chloromethane	50	2.314	2.314	0.000	99	369857	20.0	18.5	
12 Vinyl chloride	62	2.444	2.444	0.000	99	383755	20.0	20.2	
11 Butadiene	54	2.468	2.468	0.000	92	404189	20.0	19.8	
14 Bromomethane	94	2.799	2.799	0.000	90	226469	20.0	18.5	
15 Chloroethane	64	2.894	2.894	0.000	100	239299	20.0	19.6	
16 Dichlorofluoromethane	67	3.107	3.107	0.000	98	521602	20.0	19.2	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	99	450233	20.0	21.3	
19 Ethyl ether	59	3.379	3.379	0.000	91	205321	20.0	22.3	
20 Acrolein	56	3.521	3.521	0.000	99	155435	100.0	149.1	
21 1,1-Dichloroethene	61	3.616	3.616	0.000	99	393749	20.0	20.2	
22 112TCTFE	101	3.616	3.616	0.000	92	249630	20.0	19.9	
23 Acetone	58	3.640	3.640	0.000	100	35895	40.0	35.0	
24 Iodomethane	142	3.758	3.758	0.000	98	367189	20.0	20.2	
25 Carbon disulfide	76	3.829	3.829	0.000	99	778185	20.0	19.6	
28 Methyl acetate	43	3.900	3.900	0.000	97	328676	40.0	52.5	
27 3-Chloro-1-propene	41	3.924	3.924	0.000	91	408832	20.0	24.2	
29 Methylene Chloride	49	4.030	4.030	0.000	92	321416	20.0	23.1	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	100	231197	200.0	289.9	
31 Acrylonitrile	53	4.219	4.219	0.000	99	794258	200.0	209.9	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	765556	20.0	22.8	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	385208	20.0	20.9	
34 Hexane	57	4.468	4.468	0.000	91	337916	20.0	18.4	
36 Vinyl acetate	43	4.586	4.586	0.000	97	404535	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	469452	20.0	21.3	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	55109	40.0	40.4	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	278119	20.0	20.6	
40 2,2-Dichloropropane	77	5.071	5.071	0.000	89	316548	20.0	21.9	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	197443	20.0	27.3	
47 Tetrahydrofuran	42	5.261	5.261	0.000	86	149058	40.0	37.5	
48 Chloroform	83	5.308	5.308	0.000	93	429729	20.0	21.1	
49 1,1,1-Trichloroethane	97	5.474	5.474	0.000	99	385007	20.0	20.5	
50 Cyclohexane	84	5.533	5.533	0.000	88	429035	20.0	20.0	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	96	362382	20.0	19.6	
52 Carbon tetrachloride	117	5.592	5.592	0.000	94	323656	20.0	21.7	
53 Isobutyl alcohol	41	5.592	5.592	0.000	70	221102	500.0	616.2	
54 Benzene	78	5.746	5.746	0.000	95	986069	20.0	19.5	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	98	307118	20.0	20.7	
57 n-Heptane	57	5.923	5.923	0.000	91	151515	20.0	12.8	
59 Trichloroethene	130	6.243	6.243	0.000	98	250471	20.0	18.6	
61 Methylcyclohexane	83	6.444	6.444	0.000	91	424537	20.0	19.6	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	95	216372	20.0	19.4	
65 1,4-Dioxane	88	6.503	6.503	0.000	91	49485	400.0	654.7	
64 Dibromomethane	174	6.539	6.539	0.000	95	149374	20.0	20.0	
66 Dichlorobromomethane	83	6.657	6.657	0.000	99	279751	20.0	19.4	
68 2-Chloroethyl vinyl ether	63	6.846	6.846	0.000	92	261386	40.0	35.8	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	335340	20.0	18.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	486818	40.0	39.4	
71 Toluene	91	7.284	7.284	0.000	98	941308	20.0	19.0	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	95	299805	20.0	19.0	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	275857	20.0	19.7	
75 1,1,2-Trichloroethane	97	7.627	7.627	0.000	91	176564	20.0	19.6	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	233432	20.0	18.7	
77 1,3-Dichloropropane	76	7.781	7.781	0.000	96	307745	20.0	18.8	
78 2-Hexanone	43	7.781	7.781	0.000	95	317977	40.0	37.7	
80 Chlorodibromomethane	129	7.970	7.970	0.000	90	182246	20.0	19.5	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	181250	20.0	19.4	
83 Chlorobenzene	112	8.503	8.503	0.000	94	568322	20.0	18.8	
85 Ethylbenzene	106	8.574	8.574	0.000	98	328009	20.0	19.3	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	44	210705	20.0	21.2	
86 m-Xylene & p-Xylene	106	8.680	8.680	0.000	98	400346	20.0	19.3	
87 o-Xylene	106	9.035	9.035	0.000	96	405229	20.0	20.5	
88 Styrene	104	9.047	9.047	0.000	93	635306	20.0	19.3	
89 Bromoform	173	9.237	9.237	0.000	98	127706	20.0	19.7	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1056256	20.0	20.4	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	268802	20.0	19.4	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	73	82981	20.0	17.9	
92 Bromobenzene	156	9.674	9.674	0.000	96	247625	20.0	18.1	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	84	84073	20.0	19.1	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	280548	20.0	18.6	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	239035	20.0	18.6	
98 1,3,5-Trimethylbenzene	105	9.887	9.887	0.000	95	830582	20.0	18.8	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	240375	20.0	17.8	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	690662	20.0	18.4	
104 1,2,4-Trimethylbenzene	105	10.242	10.242	0.000	97	853387	20.0	19.1	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	986044	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.538	0.000	97	851930	20.0	18.9	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	479904	20.0	18.4	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	487948	20.0	18.3	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	725404	20.0	18.8	
112 1,2-Dichlorobenzene	146	10.976	10.976	0.000	98	466587	20.0	19.3	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	89	66531	20.0	19.6	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	283307	20.0	18.5	
116 Hexachlorobutadiene	225	12.609	12.609	0.000	97	110407	20.0	19.2	
117 Naphthalene	128	12.739	12.739	0.000	97	921714	20.0	19.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	267818	20.0	18.6	
S 124 Trihalomethanes, Total	1				0		80.0	79.8	
S 125 Total BTEX	1				0		100.0	97.6	
S 128 Xylenes, Total	106				0		40.0	39.8	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00437	Amount Added: 16.00	Units: uL	
vmrprimw_00481	Amount Added: 16.00	Units: uL	
vmrgas_00426	Amount Added: 16.00	Units: uL	
vmDist_H2o_00210	Amount Added: 0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added: 0.00	Units:	Run Reagent

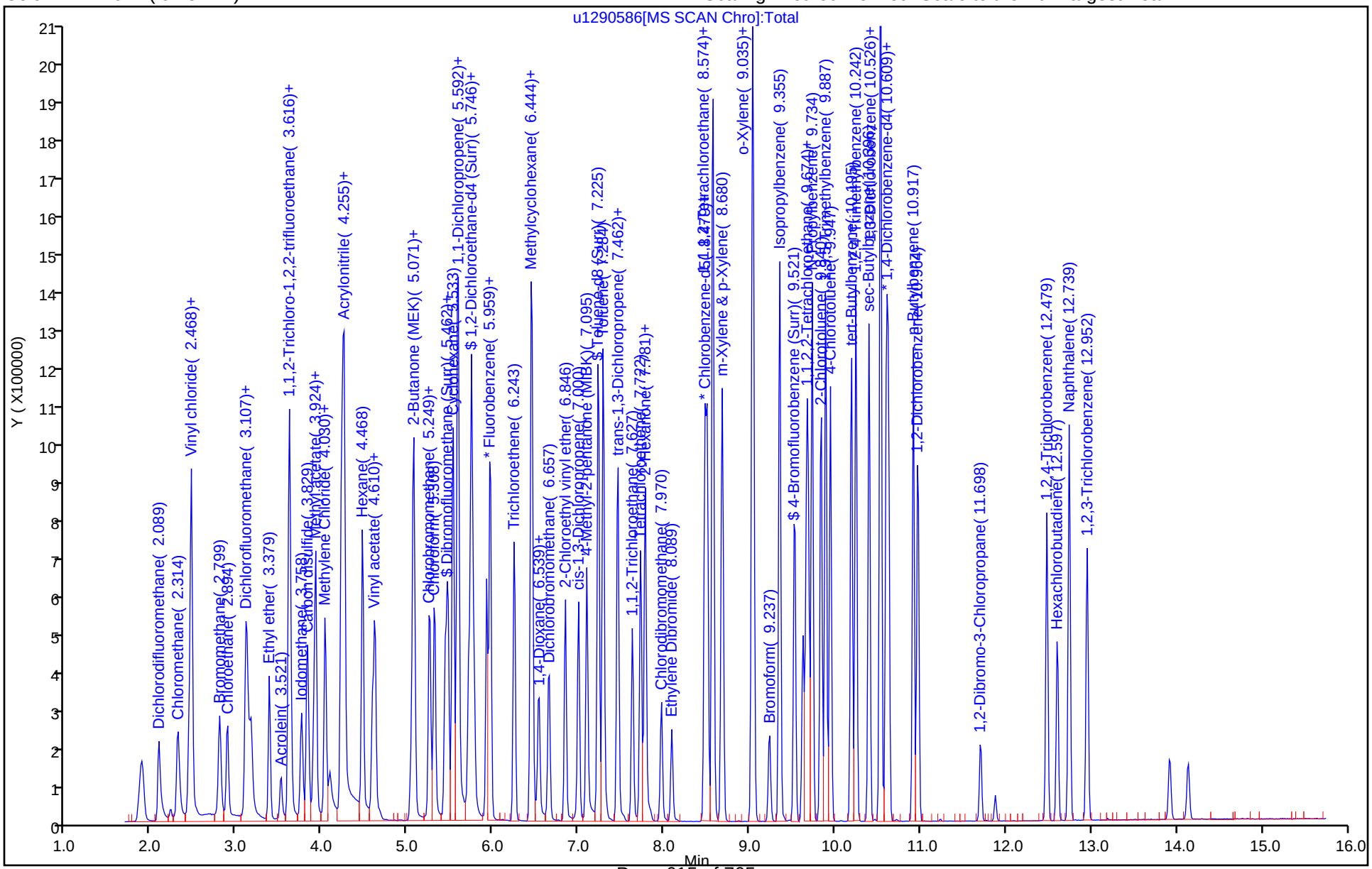
Report Date: 16-May-2022 11:20:38 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290586.D

Injection Date:	16-May-2022 10:46:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526533/4 Calibration Date: 05/16/2022 10:46

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290586.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3760	0.3688	0.1000	0.0196	0.0200	-1.9	20.0
Chloromethane	Ave	0.4510	0.4183	0.1000	0.0185	0.0200	-7.3	20.0
Vinyl chloride	Ave	0.4300	0.4340	0.1000	0.0202	0.0200	0.9	20.0
Butadiene	Ave	0.4615	0.4571		0.0198	0.0200	-1.0	20.0
Bromomethane	Ave	0.2770	0.2561	0.0500	0.0185	0.0200	-7.5	20.0
Chloroethane	Ave	0.2767	0.2706	0.0500	0.0196	0.0200	-2.2	20.0
Dichlorofluoromethane	Ave	0.6129	0.5899		0.0192	0.0200	-3.8	20.0
Trichlorofluoromethane	Ave	0.4790	0.5091	0.1000	0.0213	0.0200	6.3	20.0
Ethyl ether	Ave	0.2085	0.2322		0.0223	0.0200	11.4	20.0
Acrolein	Ave	0.0236	0.0352		0.149	0.100	49.1*	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2842	0.2823	0.0500	0.0199	0.0200	-0.7	20.0
1,1-Dichloroethene	Ave	0.4413	0.4453	0.1000	0.0202	0.0200	0.9	20.0
Acetone	Qua		0.0203	0.0100	0.0350	0.0400	-12.4	50.0
Iodomethane	Ave	0.4108	0.4152		0.0202	0.0200	1.1	20.0
Carbon disulfide	Ave	0.8998	0.8800	0.1000	0.0196	0.0200	-2.2	20.0
Methyl acetate	Lin1		0.1858	0.1000	0.0525	0.0400	31.3	50.0
3-Chloro-1-propene	Lin1		0.4623		0.0242	0.0200	20.8*	20.0
Methylene Chloride	Lin1		0.3635	0.1000	0.0231	0.0200	15.5	50.0
2-Methyl-2-propanol	Qua		0.0261		0.290	0.200	44.9*	20.0
Acrylonitrile	Ave	0.0856	0.0898		0.210	0.200	4.9	20.0
Methyl tert-butyl ether	Ave	0.7587	0.8657	0.1000	0.0228	0.0200	14.1	20.0
trans-1,2-Dichloroethene	Ave	0.4166	0.4356	0.1000	0.0209	0.0200	4.6	20.0
Hexane	Ave	0.4163	0.3821		0.0184	0.0200	-8.2	20.0
Vinyl acetate	Ave	0.4525	0.4575		0.0202	0.0200	1.1	20.0
1,1-Dichloroethane	Ave	0.4980	0.5309	0.2000	0.0213	0.0200	6.6	20.0
2-Butanone (MEK)	Ave	0.0308	0.0312	0.0100	0.0404	0.0400	1.0	50.0
cis-1,2-Dichloroethene	Ave	0.3054	0.3145	0.1000	0.0206	0.0200	3.0	20.0
2,2-Dichloropropane	Ave	0.3266	0.3580		0.0219	0.0200	9.6	20.0
Chlorobromomethane	Lin1		0.2233		0.0273	0.0200	36.3*	20.0
Tetrahydrofuran	Ave	0.0899	0.0843		0.0375	0.0400	-6.3	20.0
Chloroform	Ave	0.4614	0.4860	0.2000	0.0211	0.0200	5.3	20.0
1,1,1-Trichloroethane	Ave	0.4244	0.4354	0.1000	0.0205	0.0200	2.6	20.0
Cyclohexane	Ave	0.4850	0.4852	0.1000	0.0200	0.0200	0.0	20.0
1,1-Dichloropropene	Ave	0.4171	0.4098		0.0196	0.0200	-1.8	20.0
Carbon tetrachloride	Ave	0.3375	0.3660	0.1000	0.0217	0.0200	8.5	20.0
Benzene	Ave	1.141	1.115	0.5000	0.0195	0.0200	-2.3	20.0
1,2-Dichloroethane	Ave	0.3355	0.3473	0.1000	0.0207	0.0200	3.5	20.0
n-Heptane	Ave	0.2676	0.1713		0.0128	0.0200	-36.0*	20.0
Trichloroethene	Ave	0.3039	0.2832	0.1500	0.0186	0.0200	-6.8	20.0
Methylcyclohexane	Ave	0.4907	0.4801	0.1000	0.0196	0.0200	-2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526533/4 Calibration Date: 05/16/2022 10:46

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290586.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2526	0.2447	0.1000	0.0194	0.0200	-3.1	20.0
1,4-Dioxane	Ave	0.0017	0.0028		0.655	0.400	63.7*	50.0
Dibromomethane	Ave	0.1689	0.1689		0.0200	0.0200	0.0	20.0
Dichlorobromomethane	Ave	0.3254	0.3164	0.1500	0.0194	0.0200	-2.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1649	0.1478		0.0358	0.0400	-10.4	20.0
cis-1,3-Dichloropropene	Ave	0.4077	0.3792	0.1500	0.0186	0.0200	-7.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2798	0.2753	0.0500	0.0394	0.0400	-1.6	50.0
Toluene	Ave	1.647	1.563	0.4000	0.0190	0.0200	-5.1	20.0
trans-1,3-Dichloropropene	Ave	0.5254	0.4979	0.1000	0.0190	0.0200	-5.2	20.0
Ethyl methacrylate	Ave	0.4651	0.4581		0.0197	0.0200	-1.5	20.0
1,1,2-Trichloroethane	Ave	0.2986	0.2932	0.1000	0.0196	0.0200	-1.8	20.0
Tetrachloroethene	Ave	0.4155	0.3877	0.1500	0.0187	0.0200	-6.7	20.0
1,3-Dichloropropane	Ave	0.5428	0.5111		0.0188	0.0200	-5.8	20.0
2-Hexanone	Ave	0.2802	0.2640	0.0500	0.0377	0.0400	-5.8	50.0
Chlorodibromomethane	Ave	0.3100	0.3027		0.0195	0.0200	-2.4	20.0
Ethylene Dibromide	Ave	0.3109	0.3010		0.0194	0.0200	-3.2	20.0
Chlorobenzene	Ave	1.004	0.9438	0.3000	0.0188	0.0200	-6.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3304	0.3499		0.0212	0.0200	5.9	20.0
Ethylbenzene	Ave	0.5644	0.5447		0.0193	0.0200	-3.5	20.0
m-Xylene & p-Xylene	Ave	0.6883	0.6649		0.0193	0.0200	-3.4	20.0
o-Xylene	Ave	0.6578	0.6730		0.0205	0.0200	2.3	20.0
Styrene	Ave	1.092	1.055	0.3000	0.0193	0.0200	-3.3	20.0
Bromoform	Ave	0.2149	0.2121	0.1000	0.0197	0.0200	-1.3	20.0
Isopropylbenzene	Ave	1.723	1.754	0.1000	0.0204	0.0200	1.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8037	0.7803	0.3000	0.0194	0.0200	-2.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2687	0.2409		0.0179	0.0200	-10.4	20.0
Bromobenzene	Ave	0.7933	0.7189		0.0181	0.0200	-9.4	20.0
1,2,3-Trichloropropane	Ave	0.2555	0.2441		0.0191	0.0200	-4.5	20.0
N-Propylbenzene	Ave	0.8752	0.8144		0.0186	0.0200	-6.9	20.0
2-Chlorotoluene	Ave	0.7460	0.6939		0.0186	0.0200	-7.0	20.0
1,3,5-Trimethylbenzene	Ave	2.559	2.411		0.0188	0.0200	-5.8	20.0
4-Chlorotoluene	Ave	0.7828	0.6978		0.0178	0.0200	-10.9	20.0
tert-Butylbenzene	Ave	2.182	2.005		0.0184	0.0200	-8.1	20.0
1,2,4-Trimethylbenzene	Ave	2.587	2.477		0.0191	0.0200	-4.3	20.0
sec-Butylbenzene	Ave	3.043	2.862		0.0188	0.0200	-5.9	20.0
1,3-Dichlorobenzene	Ave	1.512	1.393	0.6000	0.0184	0.0200	-7.9	20.0
4-Isopropyltoluene	Ave	2.617	2.473		0.0189	0.0200	-5.5	20.0
1,4-Dichlorobenzene	Ave	1.550	1.417	0.5000	0.0183	0.0200	-8.6	20.0
n-Butylbenzene	Ave	2.245	2.106		0.0188	0.0200	-6.2	20.0
1,2-Dichlorobenzene	Ave	1.403	1.355	0.4000	0.0193	0.0200	-3.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1931	0.0500	0.0196	0.0200	-2.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526533/4 Calibration Date: 05/16/2022 10:46

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290586.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8885	0.8224	0.2000	0.0185	0.0200	-7.4	50.0
Hexachlorobutadiene	Ave	0.3334	0.3205		0.0192	0.0200	-3.9	50.0
Naphthalene	Ave	2.761	2.676		0.0194	0.0200	-3.1	50.0
1,2,3-Trichlorobenzene	Ave	0.8362	0.7775		0.0186	0.0200	-7.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2273	0.2741		0.0241	0.0200	20.6*	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2610	0.2981		0.0228	0.0200	14.2	20.0
Toluene-d8 (Surr)	Ave	1.334	1.436		0.0215	0.0200	7.7	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4979	0.5356		0.0215	0.0200	7.6	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290586.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-May-2022 10:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-004
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub2

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 11:20:36 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 11:20:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.971	0.000	99	884294	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	602149	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	94	344471	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	95	242367	20.0	24.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	95	263650	20.0	22.8	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	864906	20.0	21.5	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	91	322481	20.0	21.5	
9 Dichlorodifluoromethane	85	2.089	2.089	0.000	99	326116	20.0	19.6	
10 Chloromethane	50	2.314	2.314	0.000	99	369857	20.0	18.5	
12 Vinyl chloride	62	2.444	2.444	0.000	99	383755	20.0	20.2	
11 Butadiene	54	2.468	2.468	0.000	92	404189	20.0	19.8	
14 Bromomethane	94	2.799	2.799	0.000	90	226469	20.0	18.5	
15 Chloroethane	64	2.894	2.894	0.000	100	239299	20.0	19.6	
16 Dichlorofluoromethane	67	3.107	3.107	0.000	98	521602	20.0	19.2	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	99	450233	20.0	21.3	
19 Ethyl ether	59	3.379	3.379	0.000	91	205321	20.0	22.3	
20 Acrolein	56	3.521	3.521	0.000	99	155435	100.0	149.1	
21 1,1-Dichloroethene	61	3.616	3.616	0.000	99	393749	20.0	20.2	
22 112TCTFE	101	3.616	3.616	0.000	92	249630	20.0	19.9	
23 Acetone	58	3.640	3.640	0.000	100	35895	40.0	35.0	
24 Iodomethane	142	3.758	3.758	0.000	98	367189	20.0	20.2	
25 Carbon disulfide	76	3.829	3.829	0.000	99	778185	20.0	19.6	
28 Methyl acetate	43	3.900	3.900	0.000	97	328676	40.0	52.5	
27 3-Chloro-1-propene	41	3.924	3.924	0.000	91	408832	20.0	24.2	
29 Methylene Chloride	49	4.030	4.030	0.000	92	321416	20.0	23.1	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	100	231197	200.0	289.9	
31 Acrylonitrile	53	4.219	4.219	0.000	99	794258	200.0	209.9	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	765556	20.0	22.8	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	385208	20.0	20.9	
34 Hexane	57	4.468	4.468	0.000	91	337916	20.0	18.4	
36 Vinyl acetate	43	4.586	4.586	0.000	97	404535	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	469452	20.0	21.3	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	55109	40.0	40.4	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	82	278119	20.0	20.6	
40 2,2-Dichloropropane	77	5.071	5.071	0.000	89	316548	20.0	21.9	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	197443	20.0	27.3	
47 Tetrahydrofuran	42	5.261	5.261	0.000	86	149058	40.0	37.5	
48 Chloroform	83	5.308	5.308	0.000	93	429729	20.0	21.1	
49 1,1,1-Trichloroethane	97	5.474	5.474	0.000	99	385007	20.0	20.5	
50 Cyclohexane	84	5.533	5.533	0.000	88	429035	20.0	20.0	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	96	362382	20.0	19.6	
52 Carbon tetrachloride	117	5.592	5.592	0.000	94	323656	20.0	21.7	
53 Isobutyl alcohol	41	5.592	5.592	0.000	70	221102	500.0	616.2	
54 Benzene	78	5.746	5.746	0.000	95	986069	20.0	19.5	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	98	307118	20.0	20.7	
57 n-Heptane	57	5.923	5.923	0.000	91	151515	20.0	12.8	
59 Trichloroethene	130	6.243	6.243	0.000	98	250471	20.0	18.6	
61 Methylcyclohexane	83	6.444	6.444	0.000	91	424537	20.0	19.6	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	95	216372	20.0	19.4	
65 1,4-Dioxane	88	6.503	6.503	0.000	91	49485	400.0	654.7	
64 Dibromomethane	174	6.539	6.539	0.000	95	149374	20.0	20.0	
66 Dichlorobromomethane	83	6.657	6.657	0.000	99	279751	20.0	19.4	
68 2-Chloroethyl vinyl ether	63	6.846	6.846	0.000	92	261386	40.0	35.8	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	335340	20.0	18.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	96	486818	40.0	39.4	
71 Toluene	91	7.284	7.284	0.000	98	941308	20.0	19.0	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	95	299805	20.0	19.0	
74 Ethyl methacrylate	69	7.462	7.462	0.000	89	275857	20.0	19.7	
75 1,1,2-Trichloroethane	97	7.627	7.627	0.000	91	176564	20.0	19.6	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	233432	20.0	18.7	
77 1,3-Dichloropropane	76	7.781	7.781	0.000	96	307745	20.0	18.8	
78 2-Hexanone	43	7.781	7.781	0.000	95	317977	40.0	37.7	
80 Chlorodibromomethane	129	7.970	7.970	0.000	90	182246	20.0	19.5	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	181250	20.0	19.4	
83 Chlorobenzene	112	8.503	8.503	0.000	94	568322	20.0	18.8	
85 Ethylbenzene	106	8.574	8.574	0.000	98	328009	20.0	19.3	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	44	210705	20.0	21.2	
86 m-Xylene & p-Xylene	106	8.680	8.680	0.000	98	400346	20.0	19.3	
87 o-Xylene	106	9.035	9.035	0.000	96	405229	20.0	20.5	
88 Styrene	104	9.047	9.047	0.000	93	635306	20.0	19.3	
89 Bromoform	173	9.237	9.237	0.000	98	127706	20.0	19.7	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1056256	20.0	20.4	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	268802	20.0	19.4	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	73	82981	20.0	17.9	
92 Bromobenzene	156	9.674	9.674	0.000	96	247625	20.0	18.1	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	84	84073	20.0	19.1	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	280548	20.0	18.6	
97 2-Chlorotoluene	126	9.840	9.840	0.000	96	239035	20.0	18.6	
98 1,3,5-Trimethylbenzene	105	9.887	9.887	0.000	95	830582	20.0	18.8	
99 4-Chlorotoluene	126	9.947	9.947	0.000	98	240375	20.0	17.8	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	690662	20.0	18.4	
104 1,2,4-Trimethylbenzene	105	10.242	10.242	0.000	97	853387	20.0	19.1	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	986044	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.538	10.538	0.000	97	851930	20.0	18.9	
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	479904	20.0	18.4	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	487948	20.0	18.3	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	725404	20.0	18.8	
112 1,2-Dichlorobenzene	146	10.976	10.976	0.000	98	466587	20.0	19.3	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	89	66531	20.0	19.6	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	283307	20.0	18.5	
116 Hexachlorobutadiene	225	12.609	12.609	0.000	97	110407	20.0	19.2	
117 Naphthalene	128	12.739	12.739	0.000	97	921714	20.0	19.4	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	267818	20.0	18.6	
S 124 Trihalomethanes, Total	1				0		80.0	79.8	
S 125 Total BTEX	1				0		100.0	97.6	
S 128 Xylenes, Total	106				0		40.0	39.8	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00437	Amount Added: 16.00	Units: uL		
vmrprimw_00481	Amount Added: 16.00	Units: uL		
vmrgas_00426	Amount Added: 16.00	Units: uL		
vmDist_H2o_00210	Amount Added: 0.00	Units:	Run Reagent	
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent	
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent	
vm40ml_vials_00017	Amount Added: 0.00	Units:	Run Reagent	

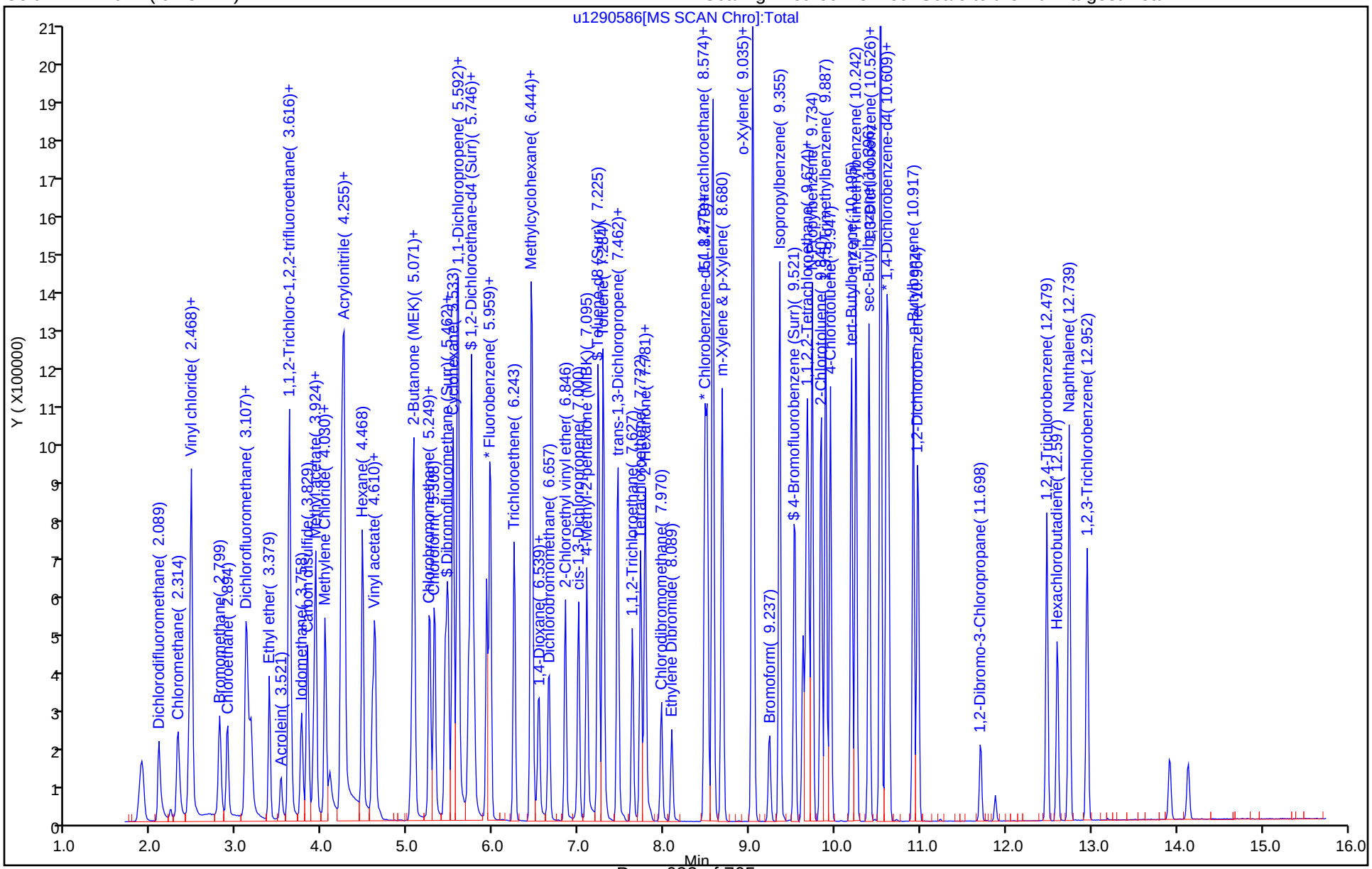
Report Date: 16-May-2022 11:20:38 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290586.D

Injection Date:	16-May-2022 10:46:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCV 240-526533/7 Calibration Date: 05/16/2022 11:53

Instrument ID: A3UX12 Calib Start Date: 05/12/2022 11:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 05/12/2022 14:14

Lab File ID: u1290589.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2273	0.2544		0.0224	0.0200	11.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2610	0.3008		0.0231	0.0200	15.3	20.0
Toluene-d8 (Surr)	Ave	1.334	1.282		0.0192	0.0200	-3.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4979	0.4686		0.0188	0.0200	-5.9	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290589.D
Lims ID: CCV SS
Client ID:
Sample Type: CCV
Inject. Date: 16-May-2022 11:53:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-007
Operator ID: 1904 Instrument ID: A3UX12
Sublist: chrom-8260_12_h2o*sub8

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 12:12:18 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 12:12:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.971	0.000	99	864661	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	586582	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	96	324782	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	94	219989	20.0	22.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	96	260076	20.0	23.1	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	752205	20.0	19.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	91	274891	20.0	18.8	

QC Flag Legend
Processing Flags

Reagents:
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vm50ss_00473 Amount Added: 16.00 Units: uL

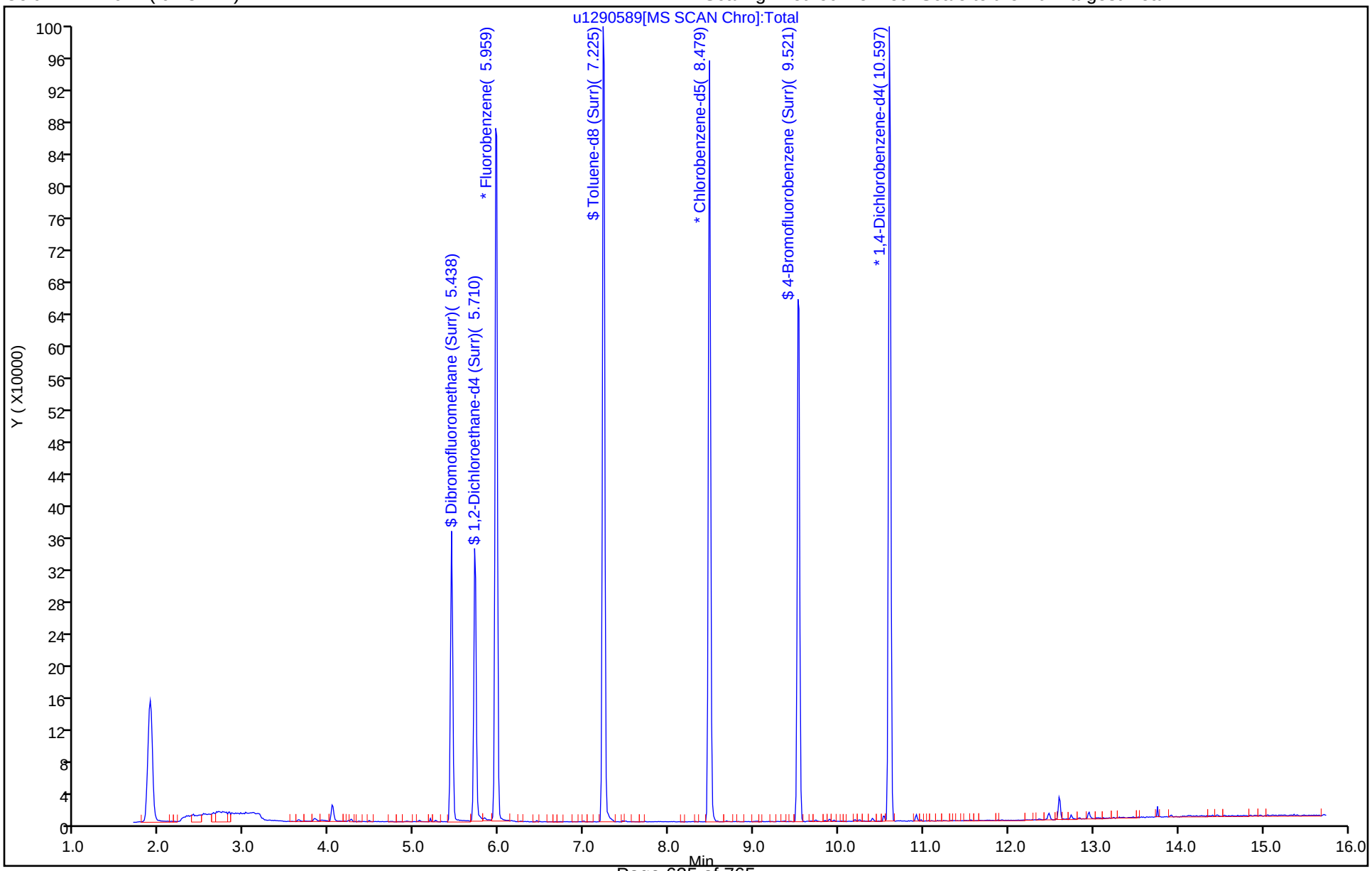
Report Date: 16-May-2022 12:12:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290589.D

Injection Date:	16-May-2022 11:53:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	CCV SS			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.3554	0.1000	0.0211	0.0200	5.6	30.0
Chloromethane	Ave	0.3300	0.3364	0.1000	0.0204	0.0200	2.0	30.0
Vinyl chloride	Ave	0.3530	0.3721	0.1000	0.0211	0.0200	5.4	30.0
Butadiene	Ave	0.3326	0.3138		0.0189	0.0200	-5.6	30.0
Bromomethane	Ave	0.3399	0.3375	0.0500	0.0199	0.0200	-0.7	30.0
Chloroethane	Ave	0.2692	0.2637	0.0500	0.0196	0.0200	-2.0	30.0
Dichlorofluoromethane	Ave	0.6609	0.6463		0.0196	0.0200	-2.2	30.0
Trichlorofluoromethane	Ave	0.5916	0.6011	0.1000	0.0203	0.0200	1.6	30.0
Ethyl ether	Ave	0.2017	0.2083		0.0207	0.0200	3.3	30.0
Acrolein	Ave	0.0388	0.0325		0.0838	0.100	-16.2	30.0
1,1-Dichloroethene	Ave	0.3714	0.4068	0.1000	0.0219	0.0200	9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.3369	0.0500	0.0224	0.0200	12.1	30.0
Acetone	Lin1		0.1089	0.0100	0.0414	0.0400	3.5	50.0
Iodomethane	Ave	0.4499	0.4925		0.0219	0.0200	9.5	30.0
Carbon disulfide	Ave	0.6595	0.7330	0.1000	0.0222	0.0200	11.2	30.0
Methyl acetate	Ave	0.2405	0.2355	0.1000	0.0392	0.0400	-2.1	50.0
3-Chloro-1-propene	Ave	0.2989	0.3085		0.0206	0.0200	3.2	30.0
Methylene Chloride	Lin1		0.3390	0.1000	0.0213	0.0200	6.7	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0382		0.202	0.200	0.8	30.0
Acrylonitrile	Ave	0.1255	0.1299		0.207	0.200	3.5	30.0
Methyl tert-butyl ether	Ave	0.7330	0.7880	0.1000	0.0215	0.0200	7.5	30.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3746	0.1000	0.0208	0.0200	4.0	30.0
Hexane	Ave	0.3360	0.3717		0.0221	0.0200	10.6	30.0
Vinyl acetate	Ave	0.4051	0.4631		0.0229	0.0200	14.3	30.0
1,1-Dichloroethane	Ave	0.4427	0.4614	0.2000	0.0208	0.0200	4.2	30.0
2-Butanone (MEK)	Ave	0.0501	0.0500	0.0100	0.0399	0.0400	-0.2	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.3229	0.1000	0.0211	0.0200	5.4	30.0
2,2-Dichloropropane	Ave	0.2953	0.3138		0.0213	0.0200	6.3	30.0
Chlorobromomethane	Ave	0.2090	0.2147		0.0205	0.0200	2.7	30.0
Tetrahydrofuran	Ave	0.0975	0.1035		0.0425	0.0400	6.2	30.0
Chloroform	Ave	0.4966	0.5097	0.2000	0.0205	0.0200	2.6	30.0
1,1,1-Trichloroethane	Ave	0.4253	0.4502	0.1000	0.0212	0.0200	5.8	30.0
Cyclohexane	Ave	0.4208	0.4536	0.1000	0.0216	0.0200	7.8	30.0
1,1-Dichloropropene	Ave	0.3628	0.3939		0.0217	0.0200	8.6	30.0
Isobutyl alcohol	Ave	0.0136	0.0144		0.530	0.500	5.9	30.0
Carbon tetrachloride	Ave	0.3712	0.3974	0.1000	0.0214	0.0200	7.0	30.0
Benzene	Ave	1.034	1.074	0.5000	0.0208	0.0200	3.8	30.0
1,2-Dichloroethane	Ave	0.3745	0.3746	0.1000	0.0200	0.0200	0.0	30.0
n-Heptane	Lin1		0.1925		0.0200	0.0200	0.2	30.0
Trichloroethene	Ave	0.2994	0.3115	0.1500	0.0208	0.0200	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2418	0.1000	0.0205	0.0200	2.4	30.0
Methylcyclohexane	Ave	0.4422	0.4803	0.1000	0.0217	0.0200	8.6	30.0
1,4-Dioxane	Ave	0.0041	0.0047		0.465	0.400	16.2	50.0
Dibromomethane	Ave	0.1939	0.1983		0.0205	0.0200	2.3	30.0
Dichlorobromomethane	Ave	0.3128	0.3194	0.1500	0.0204	0.0200	2.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1679		0.0209	0.0200	4.6	30.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3549	0.1500	0.0215	0.0200	7.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.3238	0.0500	0.0437	0.0400	9.2	50.0
Toluene	Ave	1.392	1.441	0.4000	0.0207	0.0200	3.6	30.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4204	0.1000	0.0216	0.0200	8.1	30.0
Ethyl methacrylate	Ave	0.3830	0.4331		0.0226	0.0200	13.1	30.0
1,1,2-Trichloroethane	Ave	0.2962	0.3143	0.1000	0.0212	0.0200	6.1	30.0
Tetrachloroethene	Ave	0.3741	0.3890	0.1500	0.0208	0.0200	4.0	30.0
1,3-Dichloropropane	Ave	0.4910	0.5115		0.0208	0.0200	4.2	30.0
2-Hexanone	Ave	0.2683	0.3035	0.0500	0.0453	0.0400	13.1	50.0
Chlorodibromomethane	Ave	0.2861	0.3023		0.0211	0.0200	5.7	30.0
Ethylene Dibromide	Ave	0.3134	0.3293		0.0210	0.0200	5.1	30.0
Chlorobenzene	Ave	0.9114	0.9251	0.3000	0.0203	0.0200	1.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3383		0.0213	0.0200	6.4	30.0
Ethylbenzene	Ave	0.4689	0.4958		0.0211	0.0200	5.7	30.0
m-Xylene & p-Xylene	Ave	0.5692	0.6138		0.0216	0.0200	7.8	30.0
o-Xylene	Ave	0.5458	0.6087		0.0223	0.0200	11.5	30.0
Styrene	Ave	0.8721	0.9495	0.3000	0.0218	0.0200	8.9	30.0
Bromoform	Ave	0.1938	0.2078	0.1000	0.0214	0.0200	7.2	30.0
Isopropylbenzene	Ave	1.469	1.611	0.1000	0.0219	0.0200	9.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9280	0.3000	0.0212	0.0200	6.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2481		0.0221	0.0200	10.7	30.0
Bromobenzene	Ave	0.7286	0.7506		0.0206	0.0200	3.0	30.0
1,2,3-Trichloropropane	Ave	0.3182	0.3195		0.0201	0.0200	0.4	30.0
N-Propylbenzene	Ave	0.7435	0.8191		0.0220	0.0200	10.2	30.0
2-Chlorotoluene	Ave	0.6602	0.7121		0.0216	0.0200	7.9	30.0
1,3,5-Trimethylbenzene	Ave	2.201	2.480		0.0225	0.0200	12.7	30.0
4-Chlorotoluene	Ave	0.6899	0.7343		0.0213	0.0200	6.4	30.0
tert-Butylbenzene	Ave	1.931	2.181		0.0226	0.0200	13.0	30.0
1,2,4-Trimethylbenzene	Ave	2.180	2.489		0.0228	0.0200	14.2	30.0
sec-Butylbenzene	Ave	2.749	3.108		0.0226	0.0200	13.0	30.0
1,3-Dichlorobenzene	Ave	1.362	1.402	0.6000	0.0206	0.0200	2.9	30.0
4-Isopropyltoluene	Ave	2.248	2.580		0.0230	0.0200	14.8	30.0
1,4-Dichlorobenzene	Ave	1.403	1.437	0.5000	0.0205	0.0200	2.5	30.0
n-Butylbenzene	Ave	1.938	2.127		0.0219	0.0200	9.7	30.0
1,2-Dichlorobenzene	Ave	1.272	1.328	0.4000	0.0209	0.0200	4.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-524469/18 Calibration Date: 04/29/2022 14:56

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927198.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2011	0.0500	0.0205	0.0200	2.3	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.6995	0.2000	0.0203	0.0200	1.7	50.0
Hexachlorobutadiene	Ave	0.2425	0.2721		0.0224	0.0200	12.2	50.0
Naphthalene	Ave	2.177	2.390		0.0220	0.0200	9.8	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.6791		0.0204	0.0200	2.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2922		0.0200	0.0200	-0.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3299		0.0201	0.0200	0.3	30.0
Toluene-d8 (Surr)	Ave	1.216	1.238		0.0204	0.0200	1.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4571		0.0204	0.0200	2.2	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927198.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Apr-2022 14:56:24 ALS Bottle#: 0 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-018
Operator ID: 001904 Instrument ID: A3UX19
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:54 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1629

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	787851	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	93	629617	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	328856	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.368	-0.011	93	230171	20.0	20.0	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	98	259924	20.0	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	779161	20.0	20.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	91	287777	20.0	20.4	
9 Dichlorodifluoromethane	85	2.060	2.060	0.000	99	279993	20.0	21.1	
10 Chloromethane	50	2.273	2.273	0.000	98	265030	20.0	20.4	
12 Vinyl chloride	62	2.404	2.404	0.000	98	293178	20.0	21.1	
11 Butadiene	54	2.427	2.427	0.000	88	247213	20.0	18.9	
13 Bromomethane	94	2.759	2.759	0.000	92	265931	20.0	19.9	
15 Chloroethane	64	2.842	2.842	0.000	100	207728	20.0	19.6	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	509164	20.0	19.6	
17 Trichlorofluoromethane	101	3.080	3.079	0.001	99	473553	20.0	20.3	
18 Ethyl ether	59	3.317	3.328	-0.011	88	164141	20.0	20.7	
19 Acrolein	56	3.447	3.447	0.000	99	127978	100.0	83.8	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	99	320498	20.0	21.9	
21 112TCTFE	101	3.566	3.566	0.000	96	265439	20.0	22.4	
22 Acetone	43	3.566	3.566	0.000	100	171578	40.0	41.4	
24 Iodomethane	142	3.696	3.696	0.000	100	388008	20.0	21.9	
25 Carbon disulfide	76	3.767	3.767	0.000	99	577529	20.0	22.2	
28 Methyl acetate	43	3.827	3.838	-0.011	96	371003	40.0	39.2	
27 3-Chloro-1-propene	41	3.862	3.862	0.000	84	243065	20.0	20.6	
29 Methylene Chloride	49	3.957	3.969	-0.012	87	267094	20.0	21.3	
30 2-Methyl-2-propanol	59	4.017	4.016	0.000	97	300635	200.0	201.7	
31 Acrylonitrile	53	4.147	4.147	0.000	98	1023651	200.0	207.1	
33 Methyl tert-butyl ether	73	4.183	4.182	0.001	94	620790	20.0	21.5	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	96	295137	20.0	20.8	
34 Hexane	57	4.408	4.408	0.000	90	292880	20.0	22.1	
36 Vinyl acetate	43	4.515	4.514	0.001	98	364884	20.0	22.9	
35 1,1-Dichloroethane	63	4.538	4.550	-0.012	96	363544	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	78745	40.0	39.9	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	80	254395	20.0	21.1	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	247206	20.0	21.3	
46 Chlorobromomethane	49	5.179	5.178	0.001	86	169142	20.0	20.5	
47 Tetrahydrofuran	42	5.191	5.190	0.000	80	163045	40.0	42.5	
48 Chloroform	83	5.238	5.238	0.000	94	401529	20.0	20.5	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	354675	20.0	21.2	
50 Cyclohexane	84	5.463	5.463	0.000	85	357403	20.0	21.6	
53 Isobutyl alcohol	41	5.511	5.510	0.001	80	283909	500.0	529.6	
51 1,1-Dichloropropene	75	5.511	5.510	0.001	92	310365	20.0	21.7	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	313060	20.0	21.4	
54 Benzene	78	5.677	5.677	0.001	95	845759	20.0	20.8	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	295158	20.0	20.0	
57 n-Heptane	57	5.855	5.866	-0.011	86	151672	20.0	20.0	
59 Trichloroethene	130	6.175	6.175	0.000	97	245392	20.0	20.8	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	378390	20.0	21.7	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	190491	20.0	20.5	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	74636	400.0	464.8	
64 Dibromomethane	174	6.459	6.459	0.000	94	156238	20.0	20.5	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	251614	20.0	20.4	
68 2-Chloroethyl vinyl ether	63	6.768	6.767	0.001	93	132293	20.0	20.9	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	279618	20.0	21.5	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	510209	40.0	43.7	
71 Toluene	91	7.218	7.218	0.000	98	907591	20.0	20.7	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	264665	20.0	21.6	
73 Ethyl methacrylate	69	7.384	7.384	0.000	85	272674	20.0	22.6	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	91	197889	20.0	21.2	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	244949	20.0	20.8	
76 1,3-Dichloropropane	76	7.693	7.692	0.001	95	322062	20.0	20.8	
77 2-Hexanone	43	7.705	7.704	0.001	92	382147	40.0	45.3	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	190344	20.0	21.1	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	207337	20.0	21.0	
83 Chlorobenzene	112	8.428	8.428	0.000	96	582457	20.0	20.3	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	212992	20.0	21.3	
85 Ethylbenzene	106	8.499	8.499	0.000	98	312155	20.0	21.1	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	386485	20.0	21.6	
87 o-Xylene	106	8.962	8.961	0.001	96	383222	20.0	22.3	
88 Styrene	104	8.973	8.973	0.000	93	597805	20.0	21.8	
89 Bromoform	173	9.151	9.151	0.000	94	130832	20.0	21.4	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1014254	20.0	21.9	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.542	0.001	95	305184	20.0	21.2	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	87	81581	20.0	22.1	
95 Bromobenzene	156	9.602	9.602	0.000	94	246830	20.0	20.6	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	105054	20.0	20.1	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	269380	20.0	22.0	
100 2-Chlorotoluene	126	9.768	9.768	0.000	97	234173	20.0	21.6	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	815686	20.0	22.5	
102 4-Chlorotoluene	126	9.875	9.874	0.001	98	241476	20.0	21.3	
103 tert-Butylbenzene	119	10.124	10.123	0.001	93	717177	20.0	22.6	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	818633	20.0	22.8	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1021979	20.0	22.6	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	460937	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.468	10.467	0.001	97	848293	20.0	23.0	
109 1,4-Dichlorobenzene	146	10.551	10.550	0.001	96	472707	20.0	20.5	
112 n-Butylbenzene	91	10.847	10.847	0.000	97	699348	20.0	21.9	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.000	98	436655	20.0	20.9	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	86	66141	20.0	20.5	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	94	230051	20.0	20.3	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	89482	20.0	22.4	
118 Naphthalene	128	12.697	12.697	0.000	97	786090	20.0	22.0	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	223338	20.0	20.4	
S 125 Trihalomethanes, Total	1				0		80.0	83.5	
S 124 Total BTEX	1				0		100.0	106.5	
S 128 Xylenes, Total	106				0		40.0	43.9	

Reagents:

vmfasgw_00452	Amount Added:	16.00	Units: uL	
vmfasaw_00415	Amount Added:	16.00	Units: uL	
VMFASPW_00442	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

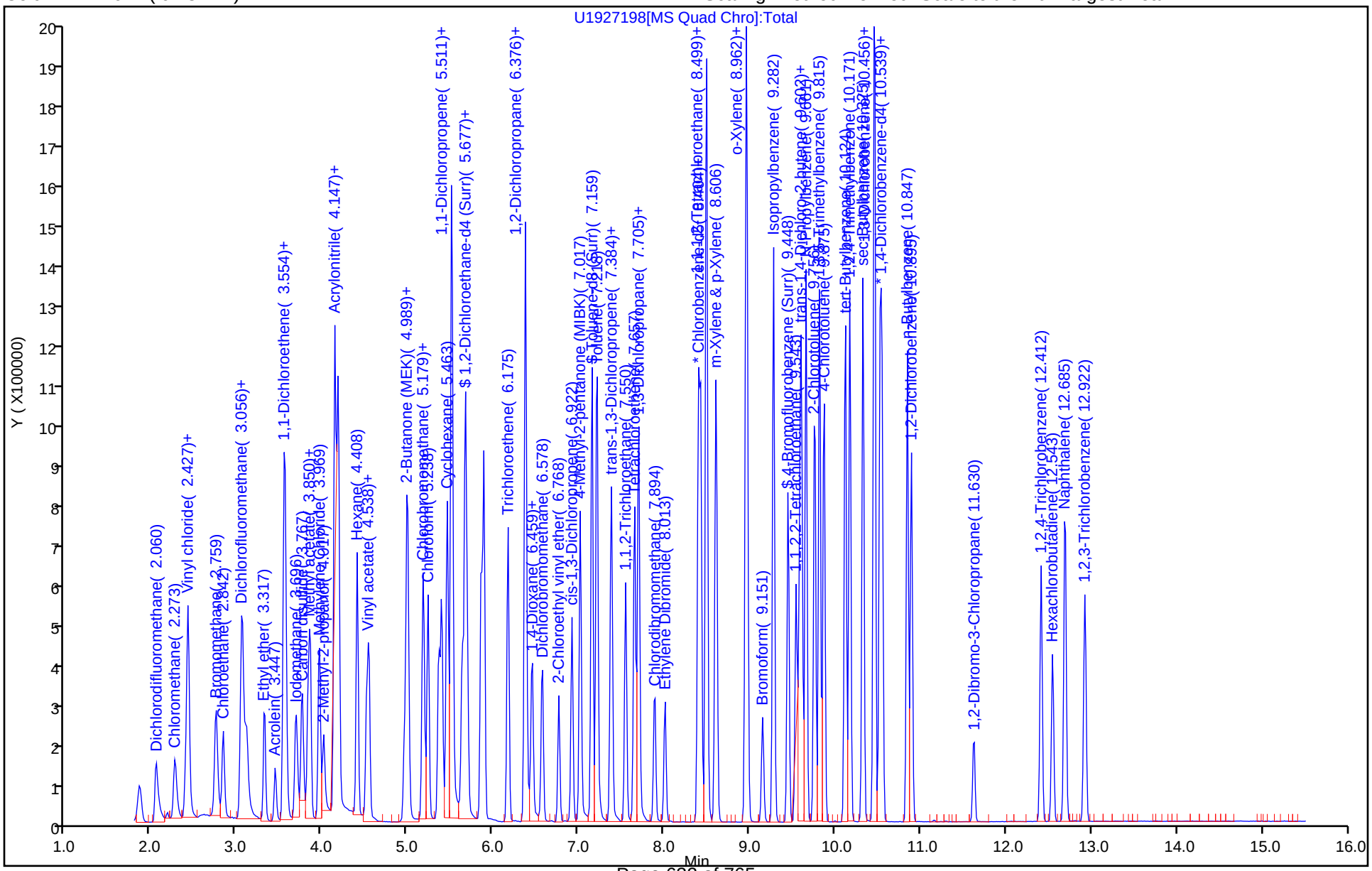
Report Date: 02-May-2022 09:11:11 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927198.D

Injection Date:	29-Apr-2022 14:56:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICV			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-524469/28 Calibration Date: 04/29/2022 18:39

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927208.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2926	0.2889		0.0197	0.0200	-1.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3402		0.0207	0.0200	3.4	30.0
Toluene-d8 (Surr)	Ave	1.216	1.209		0.0199	0.0200	-0.6	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4342		0.0194	0.0200	-2.9	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927208.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Apr-2022 18:39:40 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-028
Operator ID: 001904 Instrument ID: A3UX19
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:54 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: bosworthh Date: 03-May-2022 12:00:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	766359	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	624762	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	301517	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.368	0.000	92	221392	20.0	19.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	260685	20.0	20.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	755528	20.0	19.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	271271	20.0	19.4	
26 Acetonitrile	41	3.815	3.803	0.012	98	328738	200.0	210.9	
37 Isopropyl ether	87	4.550	4.538	0.012	90	169812	20.0	21.7	
38 2-Chloro-1,3-butadiene	53	4.609	4.598	0.011	93	283865	20.0	22.7	
39 Tert-butyl ethyl ether	59	4.835	4.823	0.012	96	541354	20.0	22.3	
44 Ethyl acetate	43	4.977	4.965	0.012	99	456097	40.0	42.3	
43 Propionitrile	54	5.013	5.013	0.000	99	418420	200.0	214.4	
45 Methacrylonitrile	41	5.131	5.131	0.000	89	1438239	200.0	223.2	
56 Tert-amyl methyl ether	73	5.736	5.736	0.000	92	572379	20.0	22.6	
58 n-Butanol	56	6.021	6.021	0.000	87	235182	500.0	538.8	
60 Ethyl acrylate	55	6.187	6.187	0.000	99	278828	20.0	22.0	
63 Methyl methacrylate	41	6.376	6.377	-0.001	82	361764	40.0	44.3	
67 2-Nitropropane	41	6.744	6.732	0.012	98	98659	40.0	39.3	
78 n-Butyl acetate	43	7.788	7.776	0.012	98	305384	20.0	22.4	
82 1-Chlorohexane	91	8.369	8.369	0.000	96	270137	20.0	21.2	
91 Cyclohexanone	55	9.389	9.389	-0.001	91	96469	200.0	217.0	
104 Pentachloroethane	167	10.159	10.159	0.000	84	92119	40.0	26.7	
110 1,2,3-Trimethylbenzene	105	10.563	10.563	-0.001	98	750589	20.0	22.6	
111 Benzyl chloride	91	10.646	10.646	0.000	99	311535	20.0	21.6	
115 1,3,5-Trichlorobenzene	180	11.808	11.808	0.000	97	253643	20.0	21.7	
120 2-Methylnaphthalene	142	14.037	14.037	0.000	92	698273	40.0	44.5	
168 1-Methylnaphthalene	142	14.286	14.286	0.000	93	717616	40.0	46.1	
169 Isooctane	57		0.050				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

VMFASA9W_00357	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

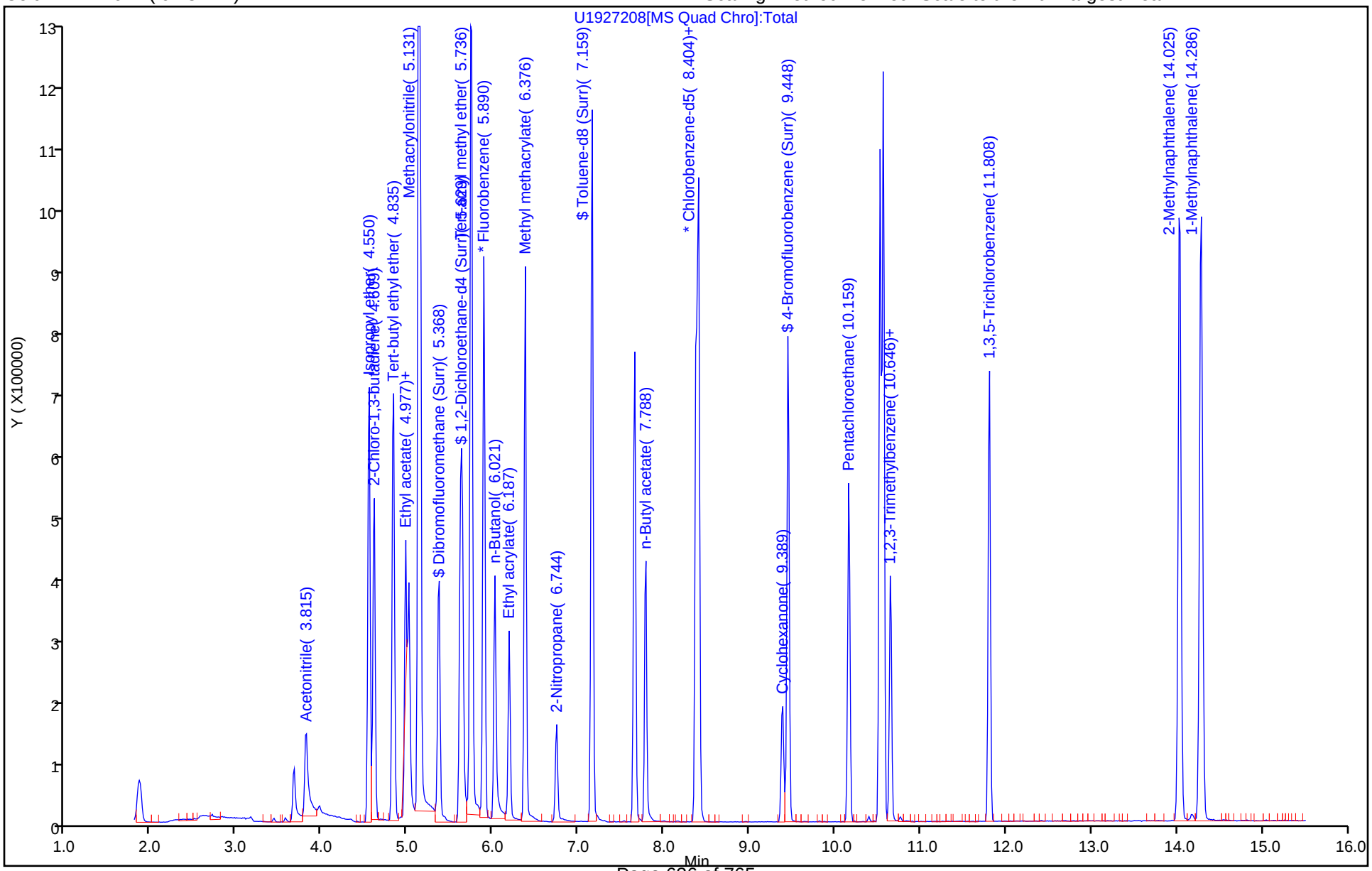
Report Date: 03-May-2022 12:00:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927208.D

Injection Date:	29-Apr-2022 18:39:40	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICV			Worklist Smp#:	28
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: ICV 240-524469/28 Calibration Date: 04/29/2022 18:39

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 16:03

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 17:55

Lab File ID: U1927208.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0407	0.0429		0.211	0.200	5.4	30.0
Isopropyl ether	Ave	0.2043	0.2216		0.0217	0.0200	8.4	30.0
2-Chloro-1,3-butadiene	Ave	0.3263	0.3704		0.0227	0.0200	13.5	30.0
Tert-butyl ethyl ether	Ave	0.6341	0.7064		0.0223	0.0200	11.4	30.0
Ethyl acetate	Ave	0.2811	0.2976		0.0423	0.0400	5.9	30.0
Propionitrile	Ave	0.0509	0.0546		0.214	0.200	7.2	30.0
Methacrylonitrile	Ave	0.1682	0.1877		0.223	0.200	11.6	30.0
Tert-amyl methyl ether	Ave	0.6606	0.7469		0.0226	0.0200	13.1	30.0
n-Butanol	Ave	0.0114	0.0123		0.539	0.500	7.8	30.0
Ethyl acrylate	Ave	0.3312	0.3638		0.0220	0.0200	9.8	30.0
Methyl methacrylate	Ave	0.2133	0.2360		0.0443	0.0400	10.7	30.0
2-Nitropropane	Ave	0.0654	0.0644		0.0393	0.0400	-1.6	30.0
n-Butyl acetate	Ave	0.4357	0.4888		0.0224	0.0200	12.2	30.0
1-Chlorohexane	Ave	0.4088	0.4324		0.0212	0.0200	5.8	30.0
Cyclohexanone	Ave	0.0142	0.0154		0.217	0.200	8.5	30.0
Pentachloroethane	Ave	0.2286	0.1528		0.0267	0.0400	-33.2*	30.0
1,2,3-Trimethylbenzene	Ave	2.199	2.489		0.0226	0.0200	13.2	30.0
Benzyl chloride	Ave	0.9588	1.033		0.0216	0.0200	7.8	30.0
1,3,5-Trichlorobenzene	Ave	0.7762	0.8412		0.0217	0.0200	8.4	30.0
2-Methylnaphthalene	Ave	1.041	1.158		0.0445	0.0400	11.2	30.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927208.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Apr-2022 18:39:40 ALS Bottle#: 0 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-028
Operator ID: 001904 Instrument ID: A3UX19
Sublist:

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 02-May-2022 09:05:54 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: bosworthh Date: 03-May-2022 12:00:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	766359	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	624762	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	301517	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.368	0.000	92	221392	20.0	19.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	97	260685	20.0	20.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	755528	20.0	19.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	271271	20.0	19.4	
26 Acetonitrile	41	3.815	3.803	0.012	98	328738	200.0	210.9	
37 Isopropyl ether	87	4.550	4.538	0.012	90	169812	20.0	21.7	
38 2-Chloro-1,3-butadiene	53	4.609	4.598	0.011	93	283865	20.0	22.7	
39 Tert-butyl ethyl ether	59	4.835	4.823	0.012	96	541354	20.0	22.3	
44 Ethyl acetate	43	4.977	4.965	0.012	99	456097	40.0	42.3	
43 Propionitrile	54	5.013	5.013	0.000	99	418420	200.0	214.4	
45 Methacrylonitrile	41	5.131	5.131	0.000	89	1438239	200.0	223.2	
56 Tert-amyl methyl ether	73	5.736	5.736	0.000	92	572379	20.0	22.6	
58 n-Butanol	56	6.021	6.021	0.000	87	235182	500.0	538.8	
60 Ethyl acrylate	55	6.187	6.187	0.000	99	278828	20.0	22.0	
63 Methyl methacrylate	41	6.376	6.377	-0.001	82	361764	40.0	44.3	
67 2-Nitropropane	41	6.744	6.732	0.012	98	98659	40.0	39.3	
78 n-Butyl acetate	43	7.788	7.776	0.012	98	305384	20.0	22.4	
82 1-Chlorohexane	91	8.369	8.369	0.000	96	270137	20.0	21.2	
91 Cyclohexanone	55	9.389	9.389	-0.001	91	96469	200.0	217.0	
104 Pentachloroethane	167	10.159	10.159	0.000	84	92119	40.0	26.7	
110 1,2,3-Trimethylbenzene	105	10.563	10.563	-0.001	98	750589	20.0	22.6	
111 Benzyl chloride	91	10.646	10.646	0.000	99	311535	20.0	21.6	
115 1,3,5-Trichlorobenzene	180	11.808	11.808	0.000	97	253643	20.0	21.7	
120 2-Methylnaphthalene	142	14.037	14.037	0.000	92	698273	40.0	44.5	
168 1-Methylnaphthalene	142	14.286	14.286	0.000	93	717616	40.0	46.1	
169 Isooctane	57		0.050				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

VMFASA9W_00357	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

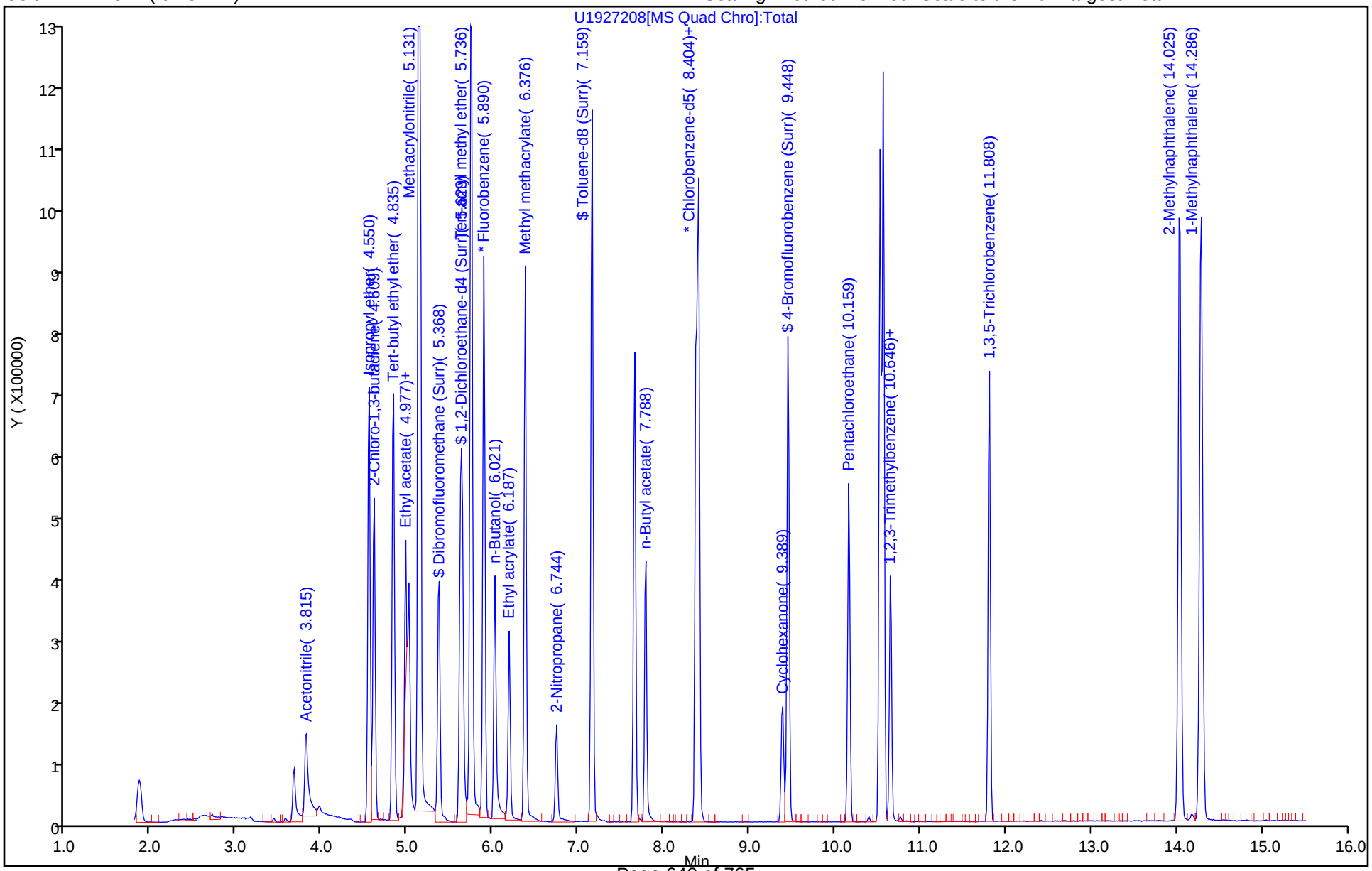
Report Date: 03-May-2022 12:00:25 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927208.D

Injection Date:	29-Apr-2022 18:39:40	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	ICV			Worklist Smp#:	28
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526140/4 Calibration Date: 05/12/2022 10:17

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927457.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.3763	0.1000	0.0224	0.0200	11.8	20.0
Chloromethane	Ave	0.3300	0.3004	0.1000	0.0182	0.0200	-9.0	20.0
Vinyl chloride	Ave	0.3530	0.3239	0.1000	0.0184	0.0200	-8.2	20.0
Butadiene	Ave	0.3326	0.3071		0.0185	0.0200	-7.6	20.0
Bromomethane	Ave	0.3399	0.2693	0.0500	0.0158	0.0200	-20.8*	20.0
Chloroethane	Ave	0.2692	0.2115	0.0500	0.0157	0.0200	-21.4*	20.0
Dichlorofluoromethane	Ave	0.6609	0.5322		0.0161	0.0200	-19.5	20.0
Trichlorofluoromethane	Ave	0.5916	0.5351	0.1000	0.0181	0.0200	-9.6	20.0
Ethyl ether	Ave	0.2017	0.1838		0.0182	0.0200	-8.9	20.0
Acrolein	Ave	0.0388	0.0325		0.0839	0.100	-16.1	20.0
1,1-Dichloroethene	Ave	0.3714	0.3534	0.1000	0.0190	0.0200	-4.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.2703	0.0500	0.0180	0.0200	-10.1	20.0
Acetone	Lin1		0.1024	0.0100	0.0388	0.0400	-3.1	50.0
Iodomethane	Ave	0.4499	0.4002		0.0178	0.0200	-11.0	20.0
Carbon disulfide	Ave	0.6595	0.6023	0.1000	0.0183	0.0200	-8.7	20.0
Methyl acetate	Ave	0.2405	0.2368	0.1000	0.0394	0.0400	-1.5	50.0
3-Chloro-1-propene	Ave	0.2989	0.2909		0.0195	0.0200	-2.7	20.0
Methylene Chloride	Lin1		0.2996	0.1000	0.0188	0.0200	-6.1	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0335		0.177	0.200	-11.5	20.0
Acrylonitrile	Ave	0.1255	0.1162		0.185	0.200	-7.4	20.0
Methyl tert-butyl ether	Ave	0.7330	0.7087	0.1000	0.0193	0.0200	-3.3	20.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3435	0.1000	0.0191	0.0200	-4.6	20.0
Hexane	Ave	0.3360	0.3413		0.0203	0.0200	1.6	20.0
Vinyl acetate	Ave	0.4051	0.4351		0.0215	0.0200	7.4	20.0
1,1-Dichloroethane	Ave	0.4427	0.4272	0.2000	0.0193	0.0200	-3.5	20.0
2-Butanone (MEK)	Ave	0.0501	0.0468	0.0100	0.0374	0.0400	-6.6	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.2855	0.1000	0.0186	0.0200	-6.8	20.0
2,2-Dichloropropane	Ave	0.2953	0.3057		0.0207	0.0200	3.5	20.0
Chlorobromomethane	Ave	0.2090	0.1955		0.0187	0.0200	-6.5	20.0
Tetrahydrofuran	Ave	0.0975	0.0965		0.0396	0.0400	-1.0	20.0
Chloroform	Ave	0.4966	0.4692	0.2000	0.0189	0.0200	-5.5	20.0
1,1,1-Trichloroethane	Ave	0.4253	0.4220	0.1000	0.0198	0.0200	-0.8	20.0
Cyclohexane	Ave	0.4208	0.4076	0.1000	0.0194	0.0200	-3.1	20.0
1,1-Dichloropropene	Ave	0.3628	0.3644		0.0201	0.0200	0.4	20.0
Isobutyl alcohol	Ave	0.0136	0.0135		0.496	0.500	-0.8	20.0
Carbon tetrachloride	Ave	0.3712	0.3636	0.1000	0.0196	0.0200	-2.1	20.0
Benzene	Ave	1.034	0.9886	0.5000	0.0191	0.0200	-4.4	20.0
1,2-Dichloroethane	Ave	0.3745	0.3571	0.1000	0.0191	0.0200	-4.6	20.0
n-Heptane	Lin1		0.1862		0.0193	0.0200	-3.7	20.0
Trichloroethene	Ave	0.2994	0.2828	0.1500	0.0189	0.0200	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526140/4 Calibration Date: 05/12/2022 10:17

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927457.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2300	0.1000	0.0195	0.0200	-2.6	20.0
Methylcyclohexane	Ave	0.4422	0.4472	0.1000	0.0202	0.0200	1.1	20.0
1,4-Dioxane	Ave	0.0041	0.0042		0.414	0.400	3.4	50.0
Dibromomethane	Ave	0.1939	0.1787		0.0184	0.0200	-7.9	20.0
Dichlorobromomethane	Ave	0.3128	0.3066	0.1500	0.0196	0.0200	-2.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1708		0.0426	0.0400	6.4	20.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3538	0.1500	0.0214	0.0200	7.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.3121	0.0500	0.0421	0.0400	5.2	50.0
Toluene	Ave	1.392	1.445	0.4000	0.0208	0.0200	3.8	20.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4357	0.1000	0.0224	0.0200	12.1	20.0
Ethyl methacrylate	Ave	0.3830	0.4515		0.0236	0.0200	17.9	20.0
1,1,2-Trichloroethane	Ave	0.2962	0.3061	0.1000	0.0207	0.0200	3.3	20.0
Tetrachloroethene	Ave	0.3741	0.3883	0.1500	0.0208	0.0200	3.8	20.0
1,3-Dichloropropane	Ave	0.4910	0.5214		0.0212	0.0200	6.2	20.0
2-Hexanone	Ave	0.2683	0.3108	0.0500	0.0463	0.0400	15.9	50.0
Chlorodibromomethane	Ave	0.2861	0.3044		0.0213	0.0200	6.4	20.0
Ethylene Dibromide	Ave	0.3134	0.3397		0.0217	0.0200	8.4	20.0
Chlorobenzene	Ave	0.9114	0.9196	0.3000	0.0202	0.0200	0.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3371		0.0212	0.0200	6.1	20.0
Ethylbenzene	Ave	0.4689	0.5030		0.0215	0.0200	7.3	20.0
m-Xylene & p-Xylene	Ave	0.5692	0.6198		0.0218	0.0200	8.9	20.0
o-Xylene	Ave	0.5458	0.6031		0.0221	0.0200	10.5	20.0
Styrene	Ave	0.8721	0.9760	0.3000	0.0224	0.0200	11.9	20.0
Bromoform	Ave	0.1938	0.2127	0.1000	0.0220	0.0200	9.8	20.0
Isopropylbenzene	Ave	1.469	1.619	0.1000	0.0220	0.0200	10.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9366	0.3000	0.0214	0.0200	7.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2717		0.0242	0.0200	21.2*	20.0
Bromobenzene	Ave	0.7286	0.7625		0.0209	0.0200	4.7	20.0
1,2,3-Trichloropropane	Ave	0.3182	0.3312		0.0208	0.0200	4.1	20.0
N-Propylbenzene	Ave	0.7435	0.8383		0.0226	0.0200	12.8	20.0
2-Chlorotoluene	Ave	0.6602	0.7271		0.0220	0.0200	10.1	20.0
1,3,5-Trimethylbenzene	Ave	2.201	2.504		0.0228	0.0200	13.8	20.0
4-Chlorotoluene	Ave	0.6899	0.7455		0.0216	0.0200	8.1	20.0
tert-Butylbenzene	Ave	1.931	2.208		0.0229	0.0200	14.4	20.0
1,2,4-Trimethylbenzene	Ave	2.180	2.543		0.0233	0.0200	16.6	20.0
sec-Butylbenzene	Ave	2.749	3.087		0.0225	0.0200	12.3	20.0
1,3-Dichlorobenzene	Ave	1.362	1.423	0.6000	0.0209	0.0200	4.5	20.0
4-Isopropyltoluene	Ave	2.248	2.604		0.0232	0.0200	15.8	20.0
1,4-Dichlorobenzene	Ave	1.403	1.425	0.5000	0.0203	0.0200	1.6	20.0
n-Butylbenzene	Ave	1.938	2.210		0.0228	0.0200	14.1	20.0
1,2-Dichlorobenzene	Ave	1.272	1.312	0.4000	0.0206	0.0200	3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526140/4 Calibration Date: 05/12/2022 10:17

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927457.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2241	0.0500	0.0228	0.0200	14.0	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.7278	0.2000	0.0212	0.0200	5.8	50.0
Hexachlorobutadiene	Ave	0.2425	0.2671		0.0220	0.0200	10.1	50.0
Naphthalene	Ave	2.177	2.568		0.0236	0.0200	18.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.7095		0.0213	0.0200	6.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2732		0.0187	0.0200	-6.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3212		0.0195	0.0200	-2.3	20.0
Toluene-d8 (Surr)	Ave	1.216	1.293		0.0213	0.0200	6.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4869		0.0218	0.0200	8.9	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927457.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 12-May-2022 10:17:31 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-004
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 10:53:56 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 10:53:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	1101436	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	819901	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	420501	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.356	0.000	96	300895	20.0	18.7	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	99	353763	20.0	19.5	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	1059783	20.0	21.3	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	88	399226	20.0	21.8	
9 Dichlorodifluoromethane	85	2.036	2.036	0.000	99	414444	20.0	22.4	
10 Chloromethane	50	2.261	2.261	0.000	99	330843	20.0	18.2	
12 Vinyl chloride	62	2.392	2.392	0.000	98	356739	20.0	18.4	
11 Butadiene	54	2.416	2.416	0.000	88	338289	20.0	18.5	
13 Bromomethane	94	2.748	2.748	0.000	92	296588	20.0	15.8	
15 Chloroethane	64	2.831	2.831	0.000	100	232970	20.0	15.7	
16 Dichlorofluoromethane	67	3.044	3.044	0.000	97	586157	20.0	16.1	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	98	589358	20.0	18.1	
18 Ethyl ether	59	3.317	3.317	0.000	88	202497	20.0	18.2	
19 Acrolein	56	3.435	3.435	0.000	99	179004	100.0	83.9	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	99	389237	20.0	19.0	
21 112TCTFE	101	3.554	3.554	0.000	94	297747	20.0	18.0	
22 Acetone	43	3.554	3.554	0.000	100	225630	40.0	38.8	
24 Iodomethane	142	3.684	3.684	0.000	99	440824	20.0	17.8	
25 Carbon disulfide	76	3.756	3.756	0.000	99	663404	20.0	18.3	
28 Methyl acetate	43	3.827	3.827	0.000	96	521684	40.0	39.4	
27 3-Chloro-1-propene	41	3.850	3.850	0.000	87	320429	20.0	19.5	
29 Methylene Chloride	49	3.957	3.957	0.000	88	330006	20.0	18.8	
30 2-Methyl-2-propanol	59	4.005	4.005	0.000	98	369009	200.0	177.1	
31 Acrylonitrile	53	4.135	4.135	0.000	98	1279460	200.0	185.2	
33 Methyl tert-butyl ether	73	4.171	4.171	0.000	95	780631	20.0	19.3	
32 trans-1,2-Dichloroethene	61	4.182	4.182	0.000	97	378364	20.0	19.1	
34 Hexane	57	4.408	4.408	0.000	90	375918	20.0	20.3	
36 Vinyl acetate	43	4.514	4.514	0.000	97	479273	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	470574	20.0	19.3	
40 2-Butanone (MEK)	72	4.953	4.953	0.000	99	103030	40.0	37.4	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	84	314498	20.0	18.6	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	336715	20.0	20.7	
46 Chlorobromomethane	49	5.167	5.167	0.000	87	215325	20.0	18.7	
47 Tetrahydrofuran	42	5.179	5.179	0.000	83	212477	40.0	39.6	
48 Chloroform	83	5.238	5.238	0.000	94	516817	20.0	18.9	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	464800	20.0	19.8	
50 Cyclohexane	84	5.463	5.463	0.000	85	448976	20.0	19.4	
53 Isobutyl alcohol	41	5.511	5.511	0.000	78	371598	500.0	495.8	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	92	401402	20.0	20.1	
52 Carbon tetrachloride	117	5.522	5.522	0.000	97	400508	20.0	19.6	
54 Benzene	78	5.665	5.665	0.000	96	1088933	20.0	19.1	
55 1,2-Dichloroethane	62	5.689	5.689	0.000	98	393333	20.0	19.1	
57 n-Heptane	57	5.855	5.855	0.000	86	205064	20.0	19.3	
59 Trichloroethene	130	6.175	6.175	0.000	97	311511	20.0	18.9	
61 Methylcyclohexane	83	6.376	6.376	0.000	89	492559	20.0	20.2	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	90	253384	20.0	19.5	
65 1,4-Dioxane	88	6.412	6.412	0.000	90	92832	400.0	413.5	
64 Dibromomethane	174	6.459	6.459	0.000	95	196782	20.0	18.4	
66 Dichlorobromomethane	83	6.566	6.566	0.000	99	337657	20.0	19.6	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	376200	40.0	42.6	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	389721	20.0	21.4	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	687559	40.0	42.1	
71 Toluene	91	7.218	7.218	0.000	98	1184802	20.0	20.8	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	96	357269	20.0	22.4	
73 Ethyl methacrylate	69	7.384	7.384	0.000	84	370179	20.0	23.6	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	250952	20.0	20.7	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	318386	20.0	20.8	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	95	427456	20.0	21.2	
77 2-Hexanone	43	7.704	7.704	0.000	92	509603	40.0	46.3	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	249561	20.0	21.3	
81 Ethylene Dibromide	107	8.013	8.013	0.000	97	278496	20.0	21.7	
83 Chlorobenzene	112	8.428	8.428	0.000	98	753964	20.0	20.2	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	93	276399	20.0	21.2	
85 Ethylbenzene	106	8.499	8.499	0.000	98	412383	20.0	21.5	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	508196	20.0	21.8	
87 o-Xylene	106	8.961	8.961	0.000	97	494503	20.0	22.1	
88 Styrene	104	8.973	8.973	0.000	93	800197	20.0	22.4	
89 Bromoform	173	9.151	9.151	0.000	95	174411	20.0	22.0	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1327367	20.0	22.0	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	95	393850	20.0	21.4	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	89	114253	20.0	24.2	
95 Bromobenzene	156	9.602	9.602	0.000	94	320647	20.0	20.9	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	78	139278	20.0	20.8	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	352496	20.0	22.6	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	305745	20.0	22.0	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	1052929	20.0	22.8	
102 4-Chlorotoluene	126	9.875	9.875	0.000	98	313475	20.0	21.6	
103 tert-Butylbenzene	119	10.124	10.124	0.000	92	928639	20.0	22.9	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	1069253	20.0	23.3	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1298073	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	95	598243	20.0	20.9	
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	1094852	20.0	23.2	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	95	599270	20.0	20.3	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	929487	20.0	22.8	
113 1,2-Dichlorobenzene	146	10.894	10.894	0.000	97	551745	20.0	20.6	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	87	94250	20.0	22.8	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	94	306048	20.0	21.2	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	112327	20.0	22.0	
118 Naphthalene	128	12.685	12.685	0.000	97	1079990	20.0	23.6	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	298343	20.0	21.3	
S 125 Trihalomethanes, Total	1				0		80.0	81.7	
S 124 Total BTEX	1				0		100.0	105.2	
S 128 Xylenes, Total	106				0		40.0	43.9	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00436	Amount Added: 16.00	Units: uL		
vmrprimw_00481	Amount Added: 16.00	Units: uL		
vmrgas_00426	Amount Added: 16.00	Units: uL		
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent	
vmDist_H2o_00209	Amount Added: 0.00	Units:	Run Reagent	
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent	

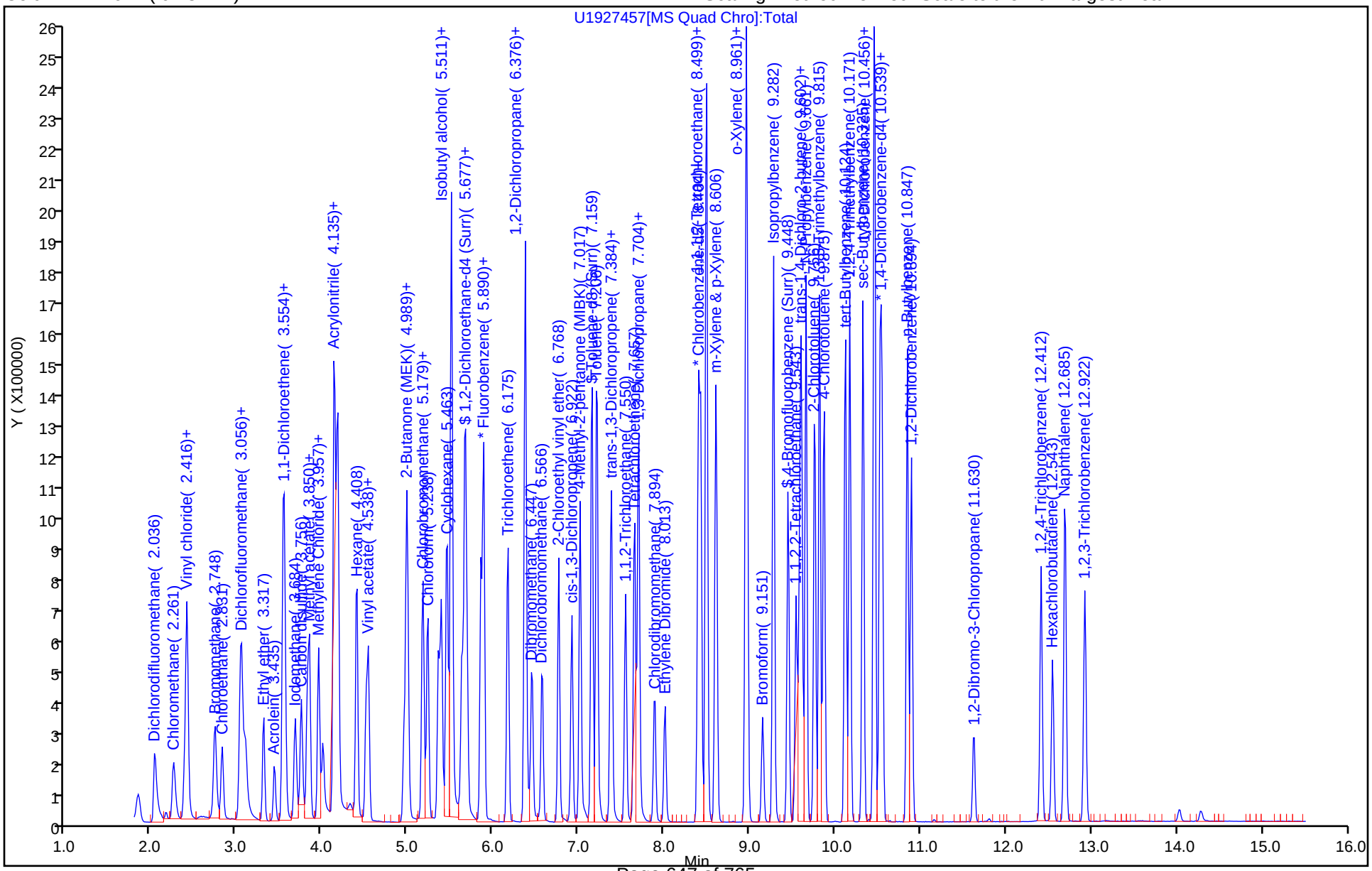
Report Date: 12-May-2022 10:53:57 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927457.D

Injection Date:	12-May-2022 10:17:31	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526755/4 Calibration Date: 05/17/2022 11:47

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3367	0.4609	0.1000	0.0274	0.0200	36.9*	20.0
Chloromethane	Ave	0.3300	0.3320	0.1000	0.0201	0.0200	0.6	20.0
Vinyl chloride	Ave	0.3530	0.3622	0.1000	0.0205	0.0200	2.6	20.0
Butadiene	Ave	0.3326	0.3424		0.0206	0.0200	2.9	20.0
Bromomethane	Ave	0.3399	0.2937	0.0500	0.0173	0.0200	-13.6	20.0
Chloroethane	Ave	0.2692	0.2347	0.0500	0.0174	0.0200	-12.8	20.0
Dichlorofluoromethane	Ave	0.6609	0.5725		0.0173	0.0200	-13.4	20.0
Trichlorofluoromethane	Ave	0.5916	0.5654	0.1000	0.0191	0.0200	-4.4	20.0
Ethyl ether	Ave	0.2017	0.1898		0.0188	0.0200	-5.9	20.0
Acrolein	Ave	0.0388	0.0370		0.0954	0.100	-4.6	20.0
1,1-Dichloroethene	Ave	0.3714	0.3723	0.1000	0.0201	0.0200	0.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3007	0.2915	0.0500	0.0194	0.0200	-3.0	20.0
Acetone	Lin1		0.1099	0.0100	0.0418	0.0400	4.5	50.0
Iodomethane	Ave	0.4499	0.4267		0.0190	0.0200	-5.2	20.0
Carbon disulfide	Ave	0.6595	0.6406	0.1000	0.0194	0.0200	-2.9	20.0
Methyl acetate	Ave	0.2405	0.2320	0.1000	0.0386	0.0400	-3.5	50.0
3-Chloro-1-propene	Ave	0.2989	0.3015		0.0202	0.0200	0.9	20.0
Methylene Chloride	Lin1		0.3147	0.1000	0.0198	0.0200	-1.2	50.0
2-Methyl-2-propanol	Ave	0.0378	0.0365		0.193	0.200	-3.7	20.0
Acrylonitrile	Ave	0.1255	0.1221		0.195	0.200	-2.7	20.0
Methyl tert-butyl ether	Ave	0.7330	0.7335	0.1000	0.0200	0.0200	0.0	20.0
trans-1,2-Dichloroethene	Ave	0.3601	0.3595	0.1000	0.0200	0.0200	-0.2	20.0
Hexane	Ave	0.3360	0.3398		0.0202	0.0200	1.1	20.0
Vinyl acetate	Ave	0.4051	0.4877		0.0241	0.0200	20.4*	20.0
1,1-Dichloroethane	Ave	0.4427	0.4458	0.2000	0.0201	0.0200	0.7	20.0
2-Butanone (MEK)	Ave	0.0501	0.0490	0.0100	0.0392	0.0400	-2.1	50.0
cis-1,2-Dichloroethene	Ave	0.3063	0.2959	0.1000	0.0193	0.0200	-3.4	20.0
2,2-Dichloropropane	Ave	0.2953	0.3104		0.0210	0.0200	5.1	20.0
Chlorobromomethane	Ave	0.2090	0.2076		0.0199	0.0200	-0.6	20.0
Tetrahydrofuran	Ave	0.0975	0.1007		0.0413	0.0400	3.3	20.0
Chloroform	Ave	0.4966	0.4862	0.2000	0.0196	0.0200	-2.1	20.0
1,1,1-Trichloroethane	Ave	0.4253	0.4350	0.1000	0.0205	0.0200	2.3	20.0
Cyclohexane	Ave	0.4208	0.4141	0.1000	0.0197	0.0200	-1.6	20.0
1,1-Dichloropropene	Ave	0.3628	0.3764		0.0207	0.0200	3.7	20.0
Isobutyl alcohol	Ave	0.0136	0.0137		0.502	0.500	0.4	20.0
Carbon tetrachloride	Ave	0.3712	0.3830	0.1000	0.0206	0.0200	3.2	20.0
Benzene	Ave	1.034	1.014	0.5000	0.0196	0.0200	-1.9	20.0
1,2-Dichloroethane	Ave	0.3745	0.3684	0.1000	0.0197	0.0200	-1.6	20.0
n-Heptane	Lin1		0.1794		0.0184	0.0200	-7.9	20.0
Trichloroethene	Ave	0.2994	0.2933	0.1500	0.0196	0.0200	-2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526755/4 Calibration Date: 05/17/2022 11:47

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2362	0.2335	0.1000	0.0198	0.0200	-1.1	20.0
Methylcyclohexane	Ave	0.4422	0.4469	0.1000	0.0202	0.0200	1.1	20.0
1,4-Dioxane	Ave	0.0041	0.0041		0.404	0.400	1.0	50.0
Dibromomethane	Ave	0.1939	0.1830		0.0189	0.0200	-5.6	20.0
Dichlorobromomethane	Ave	0.3128	0.3182	0.1500	0.0203	0.0200	1.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1605	0.1743		0.0434	0.0400	8.6	20.0
cis-1,3-Dichloropropene	Ave	0.3306	0.3602	0.1500	0.0218	0.0200	8.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2967	0.3190	0.0500	0.0430	0.0400	7.5	50.0
Toluene	Ave	1.392	1.479	0.4000	0.0212	0.0200	6.2	20.0
trans-1,3-Dichloropropene	Ave	0.3888	0.4518	0.1000	0.0232	0.0200	16.2	20.0
Ethyl methacrylate	Ave	0.3830	0.4579		0.0239	0.0200	19.5	20.0
1,1,2-Trichloroethane	Ave	0.2962	0.3105	0.1000	0.0210	0.0200	4.8	20.0
Tetrachloroethene	Ave	0.3741	0.4021	0.1500	0.0215	0.0200	7.5	20.0
1,3-Dichloropropane	Ave	0.4910	0.5346		0.0218	0.0200	8.9	20.0
2-Hexanone	Ave	0.2683	0.3207	0.0500	0.0478	0.0400	19.5	50.0
Chlorodibromomethane	Ave	0.2861	0.3175		0.0222	0.0200	11.0	20.0
Ethylene Dibromide	Ave	0.3134	0.3422		0.0218	0.0200	9.2	20.0
Chlorobenzene	Ave	0.9114	0.9544	0.3000	0.0209	0.0200	4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3178	0.3493		0.0220	0.0200	9.9	20.0
Ethylbenzene	Ave	0.4689	0.5205		0.0222	0.0200	11.0	20.0
m-Xylene & p-Xylene	Ave	0.5692	0.6390		0.0225	0.0200	12.3	20.0
o-Xylene	Ave	0.5458	0.6129		0.0225	0.0200	12.3	20.0
Styrene	Ave	0.8721	0.998	0.3000	0.0229	0.0200	14.4	20.0
Bromoform	Ave	0.1938	0.2198	0.1000	0.0227	0.0200	13.5	20.0
Isopropylbenzene	Ave	1.469	1.660	0.1000	0.0226	0.0200	13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8742	0.9350	0.3000	0.0214	0.0200	7.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2242	0.2717		0.0242	0.0200	21.2*	20.0
Bromobenzene	Ave	0.7286	0.7721		0.0212	0.0200	6.0	20.0
1,2,3-Trichloropropane	Ave	0.3182	0.3327		0.0209	0.0200	4.6	20.0
N-Propylbenzene	Ave	0.7435	0.8501		0.0229	0.0200	14.4	20.0
2-Chlorotoluene	Ave	0.6602	0.7277		0.0220	0.0200	10.2	20.0
1,3,5-Trimethylbenzene	Ave	2.201	2.515		0.0229	0.0200	14.3	20.0
4-Chlorotoluene	Ave	0.6899	0.7404		0.0215	0.0200	7.3	20.0
tert-Butylbenzene	Ave	1.931	2.201		0.0228	0.0200	14.0	20.0
1,2,4-Trimethylbenzene	Ave	2.180	2.521		0.0231	0.0200	15.6	20.0
sec-Butylbenzene	Ave	2.749	3.040		0.0221	0.0200	10.6	20.0
1,3-Dichlorobenzene	Ave	1.362	1.415	0.6000	0.0208	0.0200	3.9	20.0
4-Isopropyltoluene	Ave	2.248	2.571		0.0229	0.0200	14.4	20.0
1,4-Dichlorobenzene	Ave	1.403	1.420	0.5000	0.0202	0.0200	1.2	20.0
n-Butylbenzene	Ave	1.938	2.141		0.0221	0.0200	10.5	20.0
1,2-Dichlorobenzene	Ave	1.272	1.307	0.4000	0.0206	0.0200	2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Lab Sample ID: CCVIS 240-526755/4 Calibration Date: 05/17/2022 11:47

Instrument ID: A3UX19 Calib Start Date: 04/29/2022 11:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/29/2022 13:44

Lab File ID: U1927551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1967	0.2156	0.0500	0.0219	0.0200	9.6	50.0
1,2,4-Trichlorobenzene	Ave	0.6881	0.6908	0.2000	0.0201	0.0200	0.4	50.0
Hexachlorobutadiene	Ave	0.2425	0.2618		0.0216	0.0200	8.0	50.0
Naphthalene	Ave	2.177	2.402		0.0221	0.0200	10.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6650	0.6553		0.0197	0.0200	-1.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2926	0.2713		0.0185	0.0200	-7.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3288	0.3174		0.0193	0.0200	-3.5	20.0
Toluene-d8 (Surr)	Ave	1.216	1.276		0.0210	0.0200	4.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4470	0.4888		0.0219	0.0200	9.3	20.0

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927551.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-May-2022 11:47:20 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-004
Operator ID: 001904 Instrument ID: A3UX19
Sublist: chrom-8260_19*sub1

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 12:08:38 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 12:08:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	796624	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	591486	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	310050	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	94	216099	20.0	18.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	252826	20.0	19.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	754831	20.0	21.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	87	289114	20.0	21.9	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	367146	20.0	27.4	
10 Chloromethane	50	2.273	2.273	0.000	98	264482	20.0	20.1	
12 Vinyl chloride	62	2.404	2.404	0.000	98	288503	20.0	20.5	
11 Butadiene	54	2.427	2.427	0.000	88	272727	20.0	20.6	
13 Bromomethane	94	2.760	2.760	0.000	92	233941	20.0	17.3	
15 Chloroethane	64	2.843	2.843	0.000	100	186984	20.0	17.4	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	98	456104	20.0	17.3	
17 Trichlorofluoromethane	101	3.080	3.080	0.000	98	450420	20.0	19.1	
18 Ethyl ether	59	3.317	3.317	0.000	88	151165	20.0	18.8	
19 Acrolein	56	3.447	3.447	0.000	99	147336	100.0	95.4	
20 1,1-Dichloroethene	61	3.554	3.554	0.000	99	296615	20.0	20.1	
21 112TCTFE	101	3.566	3.566	0.000	94	232232	20.0	19.4	
22 Acetone	43	3.566	3.566	0.000	100	175055	40.0	41.8	
24 Iodomethane	142	3.696	3.696	0.000	99	339883	20.0	19.0	
25 Carbon disulfide	76	3.768	3.768	0.000	99	510311	20.0	19.4	
28 Methyl acetate	43	3.827	3.827	0.000	96	369680	40.0	38.6	
27 3-Chloro-1-propene	41	3.851	3.851	0.000	86	240189	20.0	20.2	
29 Methylene Chloride	49	3.957	3.957	0.000	89	250725	20.0	19.8	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	97	290426	200.0	192.7	
31 Acrylonitrile	53	4.147	4.147	0.000	98	972999	200.0	194.7	
33 Methyl tert-butyl ether	73	4.183	4.183	0.000	94	584348	20.0	20.0	
32 trans-1,2-Dichloroethene	61	4.194	4.194	0.000	97	286393	20.0	20.0	
34 Hexane	57	4.408	4.408	0.000	91	270660	20.0	20.2	
36 Vinyl acetate	43	4.515	4.515	0.000	97	388500	20.0	24.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	355168	20.0	20.1	
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	78076	40.0	39.2	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	235737	20.0	19.3	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	90	247275	20.0	21.0	
46 Chlorobromomethane	49	5.179	5.179	0.000	87	165412	20.0	19.9	
47 Tetrahydrofuran	42	5.191	5.191	0.000	80	160461	40.0	41.3	
48 Chloroform	83	5.238	5.238	0.000	94	387337	20.0	19.6	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	346498	20.0	20.5	
50 Cyclohexane	84	5.463	5.463	0.000	87	329861	20.0	19.7	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	90	299866	20.0	20.7	
53 Isobutyl alcohol	41	5.511	5.511	0.000	81	272085	500.0	501.9	
52 Carbon tetrachloride	117	5.523	5.523	0.000	97	305086	20.0	20.6	
54 Benzene	78	5.677	5.677	0.000	95	807858	20.0	19.6	
55 1,2-Dichloroethane	62	5.700	5.700	0.000	98	293507	20.0	19.7	
57 n-Heptane	57	5.855	5.855	0.000	87	142892	20.0	18.4	
59 Trichloroethene	130	6.175	6.175	0.000	97	233616	20.0	19.6	
61 Methylcyclohexane	83	6.376	6.376	0.000	91	356009	20.0	20.2	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	186041	20.0	19.8	
65 1,4-Dioxane	88	6.424	6.424	0.000	92	65607	400.0	404.1	
64 Dibromomethane	174	6.459	6.459	0.000	96	145787	20.0	18.9	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	253472	20.0	20.3	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	277632	40.0	43.4	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	286954	20.0	21.8	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	508195	40.0	43.0	
71 Toluene	91	7.218	7.218	0.000	98	874643	20.0	21.2	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	96	267226	20.0	23.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	270834	20.0	23.9	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	183629	20.0	21.0	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	237807	20.0	21.5	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	316188	20.0	21.8	
77 2-Hexanone	43	7.705	7.705	0.000	90	379355	40.0	47.8	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	187808	20.0	22.2	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	202416	20.0	21.8	
83 Chlorobenzene	112	8.428	8.428	0.000	95	564507	20.0	20.9	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	206607	20.0	22.0	
85 Ethylbenzene	106	8.499	8.499	0.000	98	307869	20.0	22.2	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	377944	20.0	22.5	
87 o-Xylene	106	8.962	8.962	0.000	97	362512	20.0	22.5	
88 Styrene	104	8.973	8.973	0.000	94	590080	20.0	22.9	
89 Bromoform	173	9.151	9.151	0.000	95	130034	20.0	22.7	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	981923	20.0	22.6	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	289909	20.0	21.4	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	71	84237	20.0	24.2	
95 Bromobenzene	156	9.602	9.602	0.000	95	239404	20.0	21.2	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	103158	20.0	20.9	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	263588	20.0	22.9	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	225615	20.0	22.0	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	779739	20.0	22.9	
102 4-Chlorotoluene	126	9.875	9.875	0.000	98	229572	20.0	21.5	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	682330	20.0	22.8	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	781578	20.0	23.1	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	942520	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	96	438703	20.0	20.8	
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	797006	20.0	22.9	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	95	440218	20.0	20.2	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	663772	20.0	22.1	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	405210	20.0	20.6	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	84	66851	20.0	21.9	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	93	214180	20.0	20.1	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	81174	20.0	21.6	
118 Naphthalene	128	12.697	12.697	0.000	97	744813	20.0	22.1	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	203178	20.0	19.7	
S 125 Trihalomethanes, Total	1				0		80.0	84.8	
S 124 Total BTEX	1				0		100.0	108.0	
S 128 Xylenes, Total	106				0		40.0	44.9	

QC Flag Legend

Processing Flags

Reagents:

vmarolistdw_00437	Amount Added: 16.00	Units: uL		
vmrprimw_00482	Amount Added: 16.00	Units: uL		
vmrgas_00426	Amount Added: 16.00	Units: uL		
vm50ss_stk_00091	Amount Added: 2.00	Units: uL	Run Reagent	
vmDist_H2o_00210	Amount Added: 0.00	Units:	Run Reagent	
vm50is_stk_A_00011	Amount Added: 2.00	Units: uL	Run Reagent	

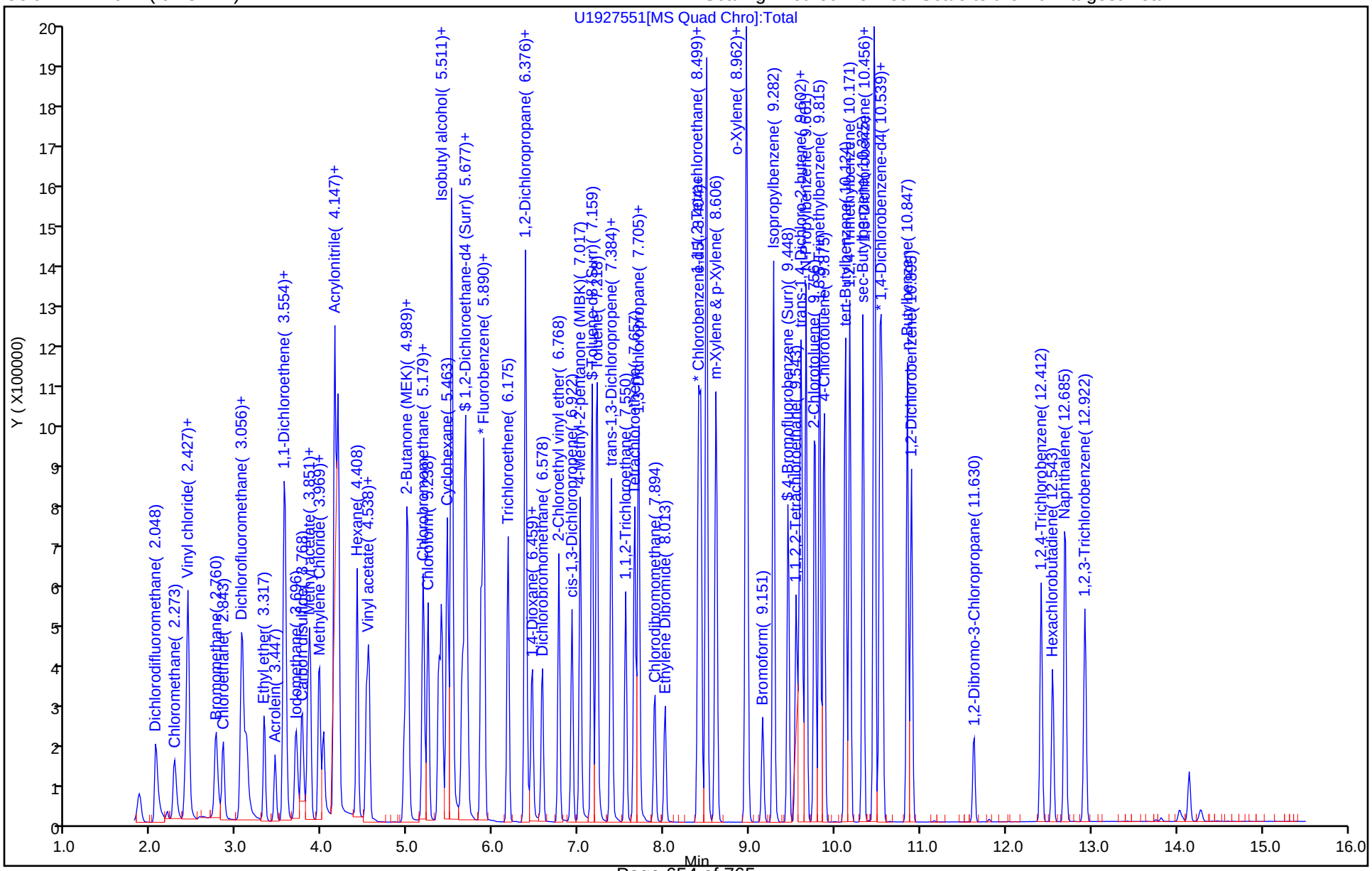
Report Date: 17-May-2022 12:08:40 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927551.D

Injection Date:	17-May-2022 11:47:20	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\bfb4854.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-May-2022 09:24:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118476-001
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:48:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.330	4.330	0.000	0	697344	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

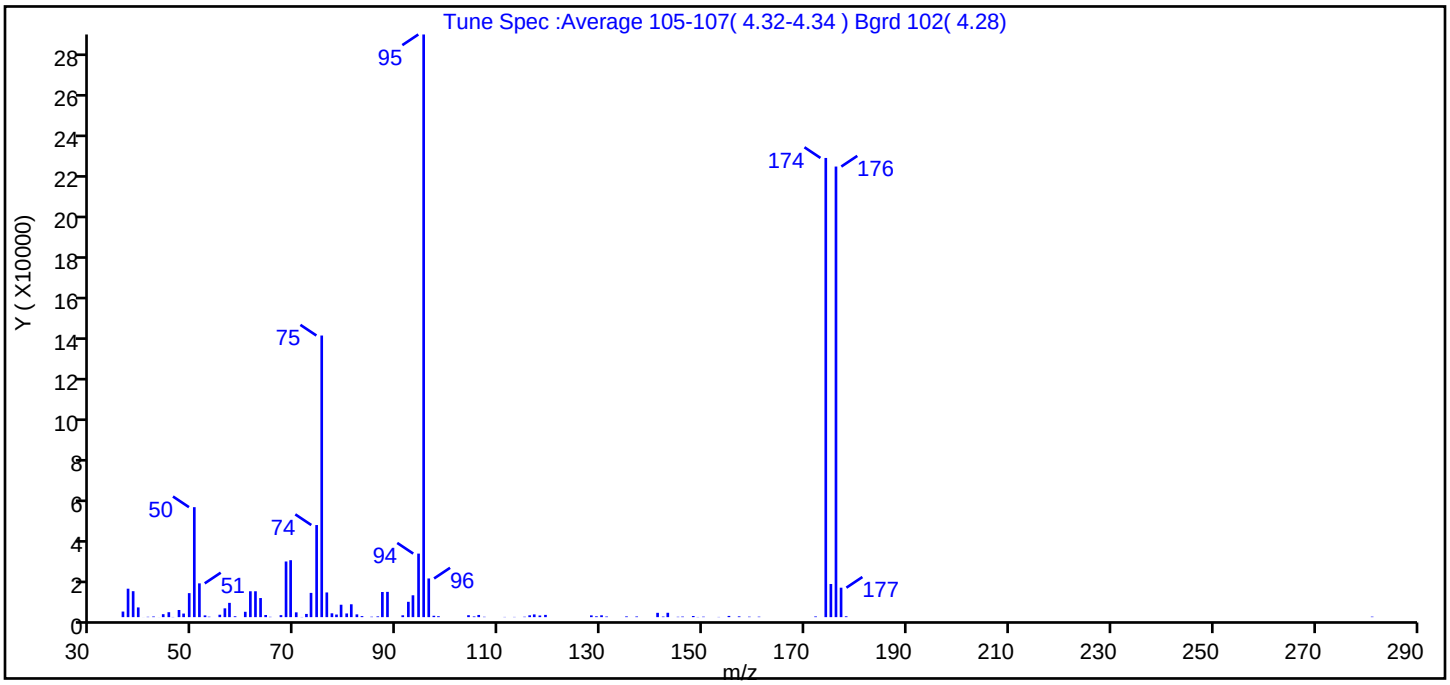
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\bfb4854.D
Injection Date: 12-May-2022 09:24:30 Instrument ID: A3UX12
Lims ID: BFB
Client ID:
Operator ID: 1904 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.9
75	30 to 60% of m/z 95	48.3
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	78.8
175	5 to 9% of m/z 174	5.7 (7.2)
176	Greater than 95% but less than 101% of m/z 174	77.3 (98.1)
177	5 to 9% of m/z 176	5.1 (6.5)

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\bfb4854.D\8260_12_h2o.rslt\spectra.d
Injection Date: 12-May-2022 09:24:30
Spectrum: Tune Spec :Average 105-107(4.32-4.34) Bgrd 102(4.28)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2752	62.00	12700	88.00	12404	135.00	369
37.00	13963	63.00	9377	91.00	903	137.00	333
38.00	12743	64.00	1052	92.00	7524	141.00	2118
39.00	4773	65.00	156	93.00	10730	142.00	286
40.00	18	67.00	983	94.00	31192	143.00	2141
41.00	168	68.00	27320	95.00	286016	145.00	179
42.00	313	69.00	27952	96.00	18984	146.00	275
43.00	24	70.00	2357	97.00	677	148.00	560
44.00	1452	71.00	84	98.00	460	149.00	86
45.00	2423	72.00	1586	104.00	951	150.00	229
46.00	85	73.00	11906	105.00	341	153.00	101
47.00	3513	74.00	45216	106.00	1072	155.00	596
48.00	1758	75.00	138240	107.00	176	157.00	388
49.00	11782	76.00	12122	111.00	102	159.00	237
50.00	53984	77.00	1888	113.00	109	161.00	234
51.00	16584	78.00	1280	115.00	204	172.00	346
52.00	855	79.00	6089	116.00	902	174.00	225408
53.00	216	80.00	1807	117.00	1339	175.00	16272
55.00	1180	81.00	6318	118.00	810	176.00	221184
56.00	4324	82.00	1362	119.00	1104	177.00	14463
57.00	7014	83.00	513	128.00	866	178.00	415
58.00	432	85.00	211	129.00	418	281.00	244
60.00	2634	86.00	373	130.00	909		
61.00	12701	87.00	12341	131.00	303		

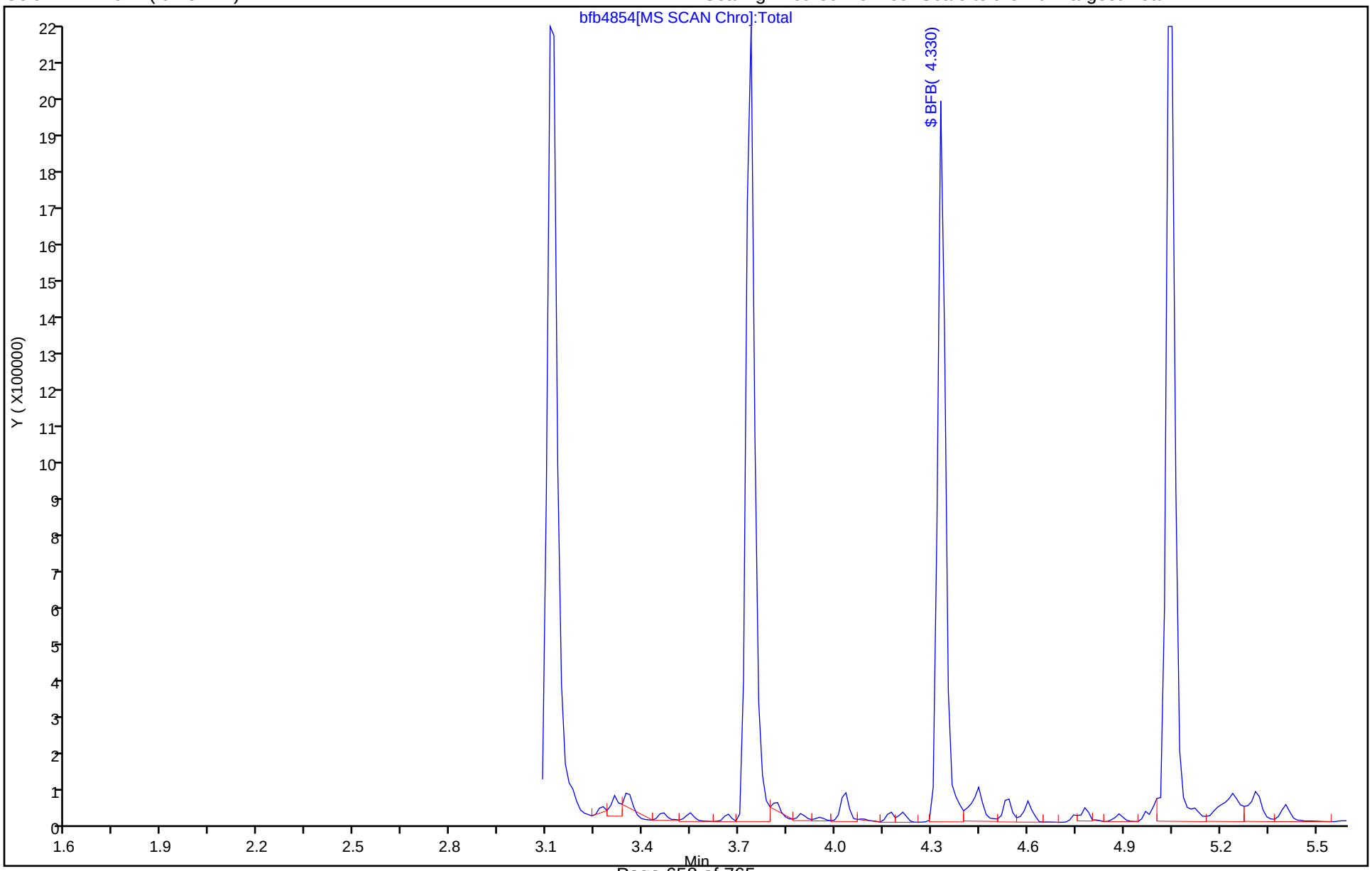
Report Date: 13-May-2022 08:48:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\bfb4854.D

Injection Date:	12-May-2022 09:24:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\bfb4856.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-May-2022 10:02:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-001
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 10:13:07 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 10:13:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.330	4.330	0.000	0	680305	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

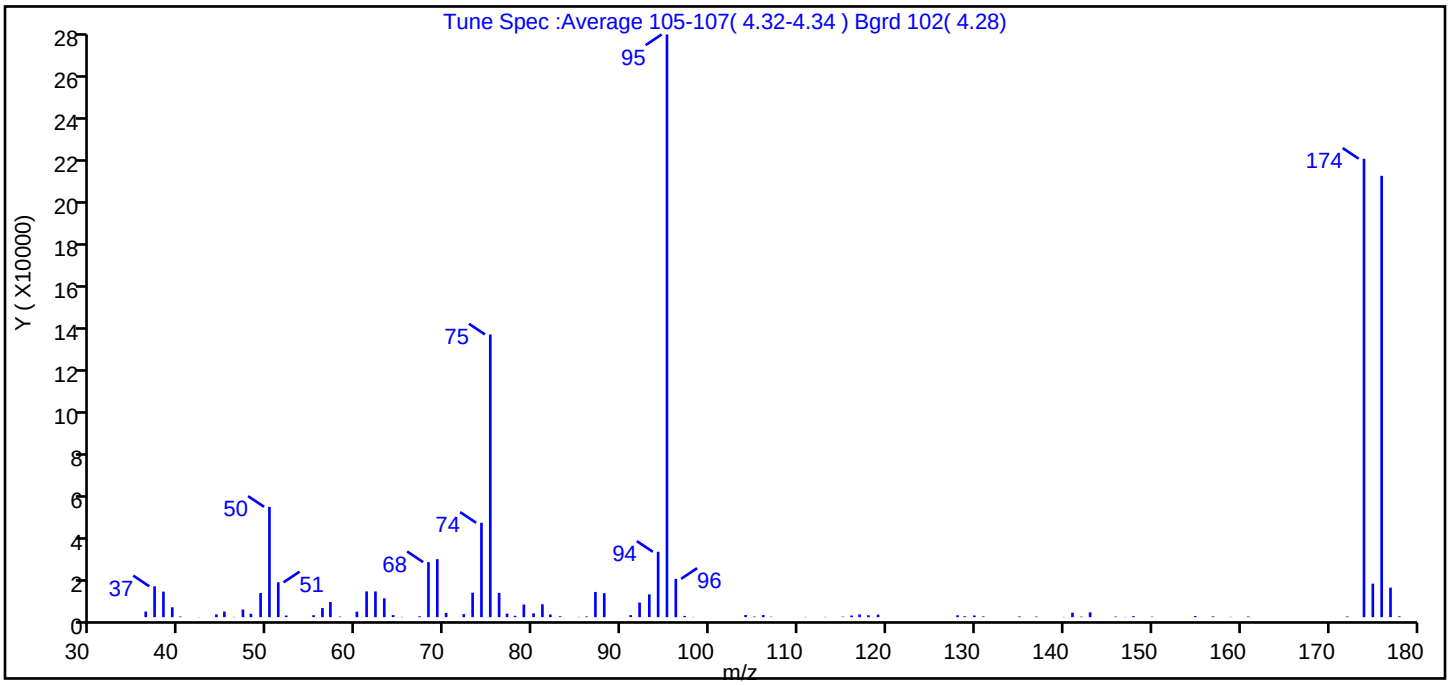
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\bfb4856.D
Injection Date: 16-May-2022 10:02:30 Instrument ID: A3UX12
Lims ID: BFB
Client ID:
Operator ID: 1904 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_12_h2o Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.9
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	78.7
175	5 to 9% of m/z 174	5.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	75.7 (96.3)
177	5 to 9% of m/z 176	5.1 (6.7)

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\bfb4856.D\8260_12_h2o.rslt\spectra.d
Injection Date: 16-May-2022 10:02:30
Spectrum: Tune Spec :Average 105-107(4.32-4.34) Bgrd 102(4.28)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2630	62.00	12122	88.00	11305	131.00	332
37.00	14533	63.00	8843	91.00	949	135.00	336
38.00	12054	64.00	973	92.00	6872	137.00	274
39.00	4646	65.00	122	93.00	10726	140.00	106
40.00	309	67.00	405	94.00	30808	141.00	2081
41.00	16	68.00	25928	95.00	274624	142.00	240
42.00	77	69.00	27312	96.00	18056	143.00	2243
43.00	6	70.00	2009	97.00	580	146.00	283
44.00	1288	72.00	1407	98.00	103	147.00	89
45.00	2626	73.00	11498	104.00	998	148.00	467
46.00	103	74.00	44480	105.00	271	150.00	203
47.00	3583	75.00	133248	106.00	991	155.00	513
48.00	1599	76.00	11419	107.00	181	157.00	358
49.00	11354	77.00	1651	111.00	114	159.00	125
50.00	51992	78.00	634	113.00	115	161.00	293
51.00	16424	79.00	5946	115.00	233	172.00	332
52.00	774	80.00	1782	116.00	762	174.00	216064
55.00	910	81.00	6066	117.00	1254	175.00	15804
56.00	4267	82.00	1242	118.00	893	176.00	208000
57.00	7168	83.00	387	119.00	1202	177.00	13920
58.00	239	85.00	101	128.00	876	178.00	356
60.00	2594	86.00	329	129.00	427		
61.00	12146	87.00	11876	130.00	786		

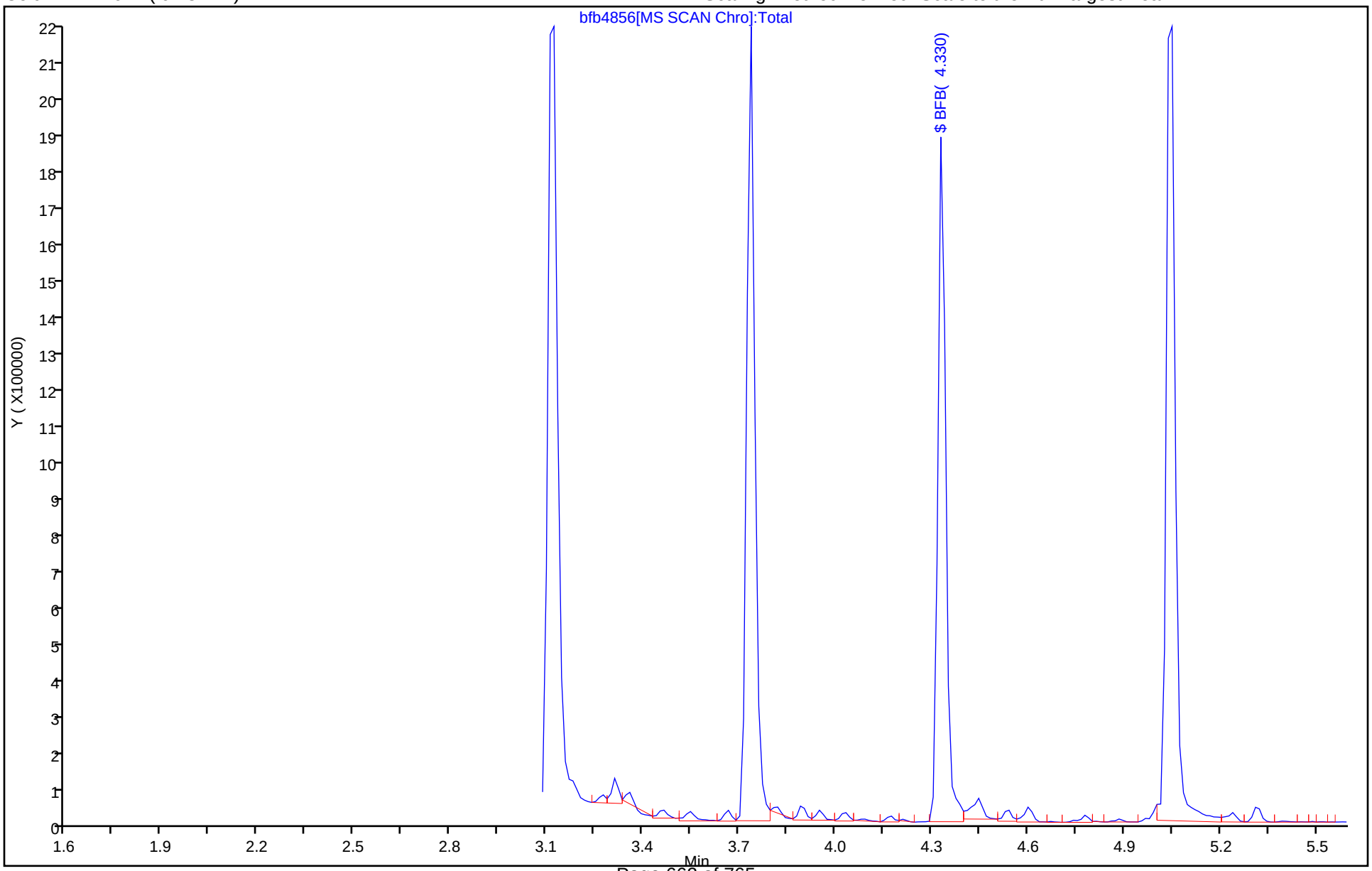
Report Date: 16-May-2022 10:13:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\bfb4856.D

Injection Date:	16-May-2022 10:02:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Apr-2022 09:42:51 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118096-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 29-Apr-2022 10:38:04 Calib Date: 22-Mar-2022 15:58:15
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220322-117147.b\U1926570.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1612

First Level Reviewer: laveyt Date: 29-Apr-2022 10:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.474	4.474	0.000	0	584436	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

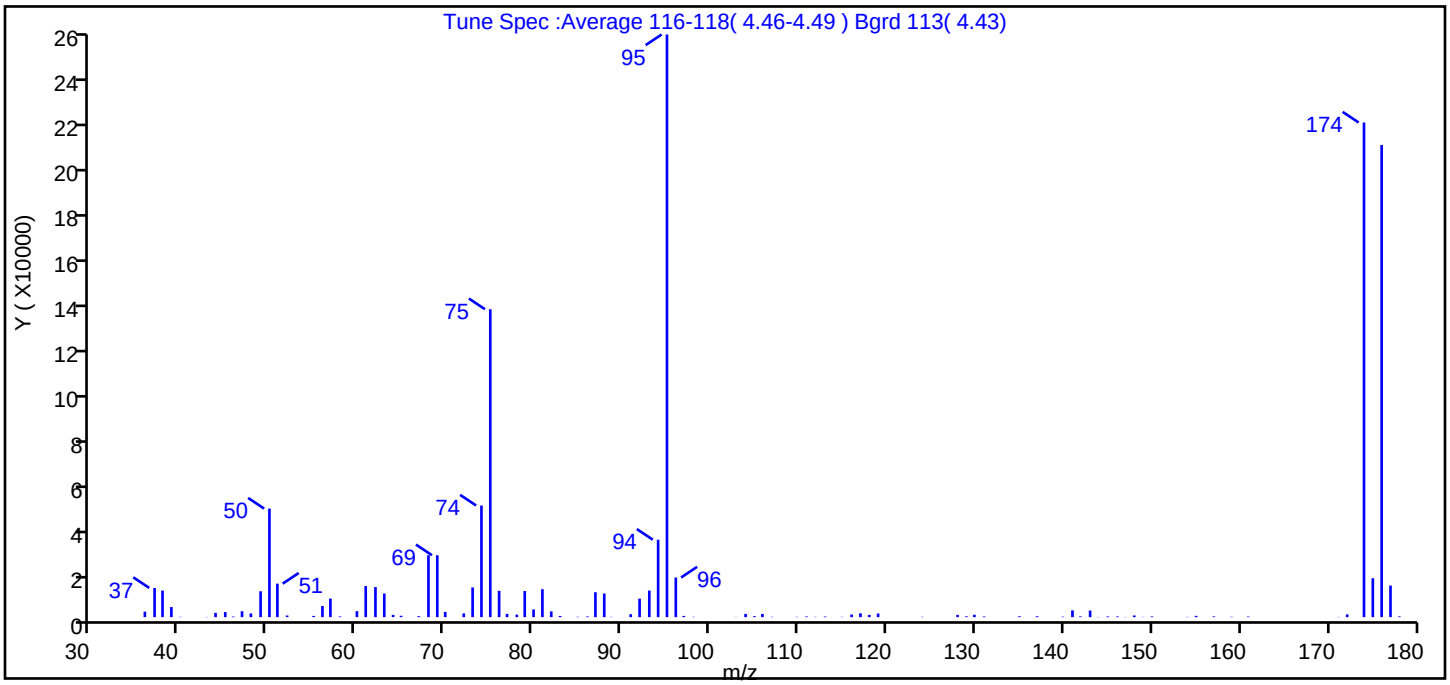
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d
Injection Date: 29-Apr-2022 09:42:51 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.6
75	30 to 60% of m/z 95	52.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.9
175	5 to 9% of m/z 174	6.7 (7.9)
176	Greater than 95% but less than 101% of m/z 174	81.0 (95.5)
177	5 to 9% of m/z 176	5.4 (6.7)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d\8260_19.rslt\spectra.d
Injection Date: 29-Apr-2022 09:42:51
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2393	67.00	426	95.00	254080	140.00	208
37.00	12725	68.00	26976	96.00	17296	141.00	2940
38.00	11608	69.00	27000	97.00	541	142.00	327
39.00	4404	70.00	2294	98.00	151	143.00	2874
40.00	136	72.00	1617	103.00	92	144.00	94
43.00	90	73.00	12958	104.00	1405	145.00	307
44.00	1860	74.00	48672	105.00	438	146.00	317
45.00	2190	75.00	134272	106.00	1415	147.00	96
46.00	276	76.00	11491	107.00	150	148.00	733
47.00	2570	77.00	1432	110.00	134	149.00	116
48.00	1615	78.00	1089	111.00	301	150.00	314
49.00	11276	79.00	11387	112.00	132	154.00	113
50.00	47336	80.00	3363	113.00	271	155.00	570
51.00	14607	81.00	12193	115.00	132	157.00	322
52.00	720	82.00	2507	116.00	1135	159.00	166
55.00	549	83.00	507	117.00	1682	161.00	265
56.00	4866	85.00	152	118.00	985	171.00	104
57.00	8113	86.00	314	119.00	1580	172.00	1203
58.00	303	87.00	10864	124.00	146	174.00	215680
60.00	2612	88.00	10323	128.00	1007	175.00	16976
61.00	13582	89.00	123	129.00	362	176.00	205888
62.00	13115	91.00	1289	130.00	1042	177.00	13769
63.00	10299	92.00	8056	131.00	299	178.00	319
64.00	993	93.00	11603	135.00	380		
65.00	602	94.00	33768	137.00	397		

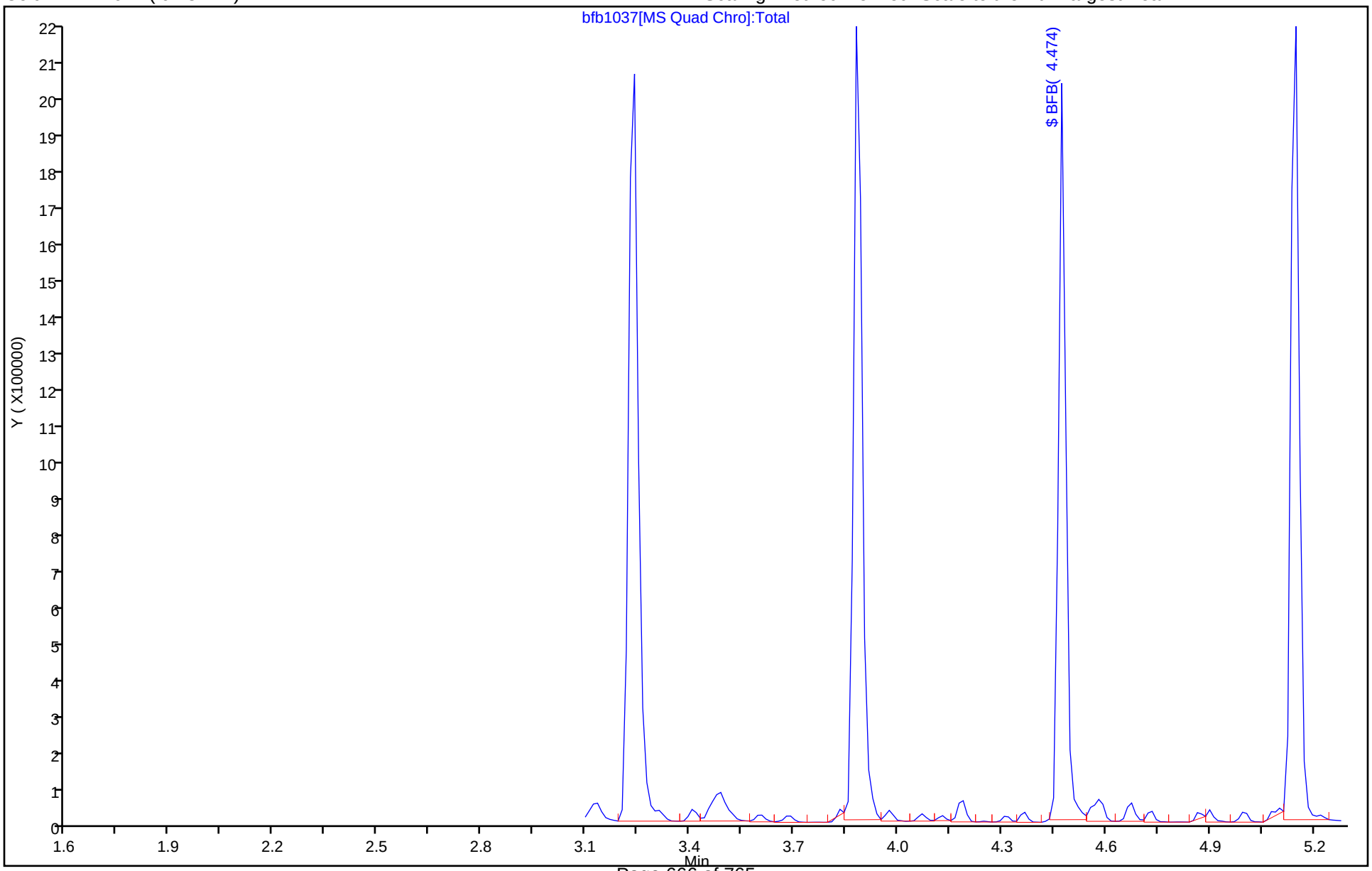
Report Date: 29-Apr-2022 10:38:05 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\bfb1037.d

Injection Date:	29-Apr-2022 09:42:51	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\bfb1046.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-May-2022 09:30:37 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 09:59:03 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 09:59:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.475	4.475	0.000	0	845737	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

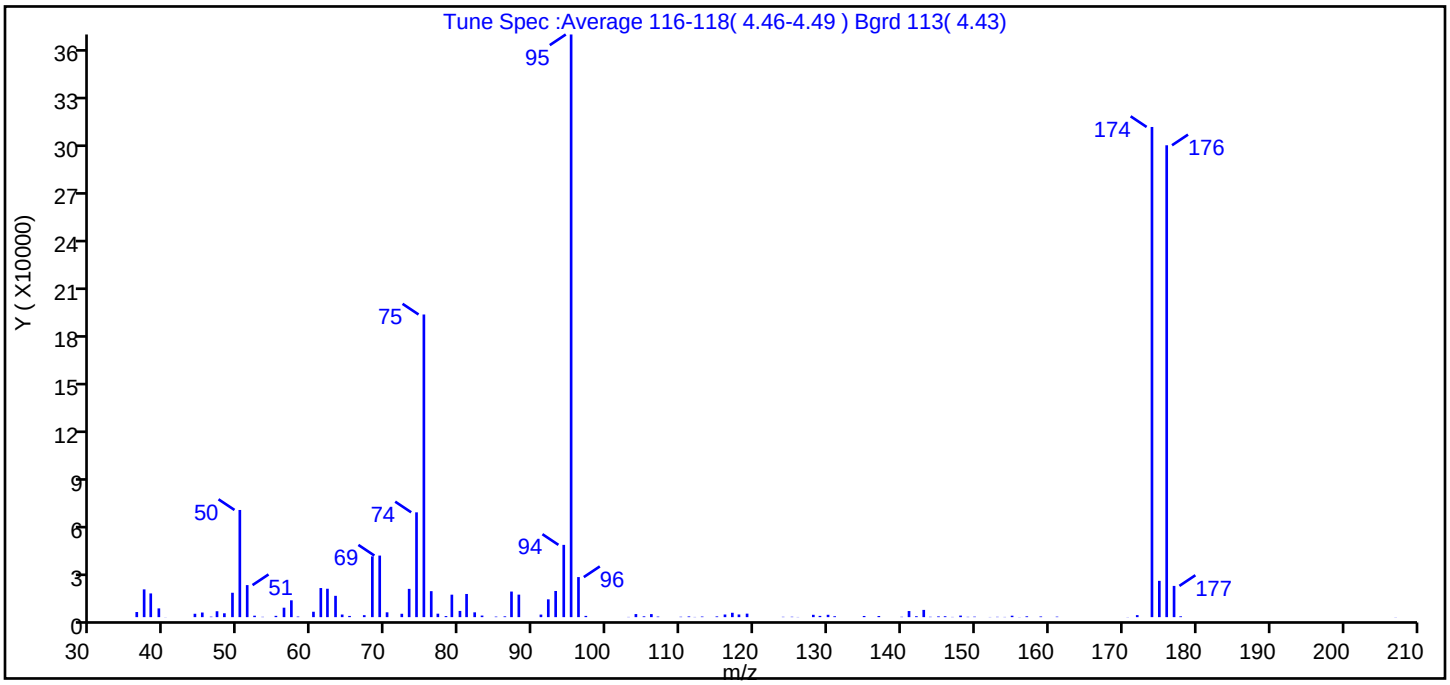
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\bfb1046.d
Injection Date: 12-May-2022 09:30:37 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.4
75	30 to 60% of m/z 95	51.9
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.1
175	5 to 9% of m/z 174	6.2 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.0 (96.3)
177	5 to 9% of m/z 176	5.4 (6.6)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\bfb1046.d\8260_19.rslt\spectra.d
Injection Date: 12-May-2022 09:30:37
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3247	68.00	38472	103.00	137	143.00	4587
37.00	17576	69.00	38976	104.00	1947	144.00	230
38.00	15015	70.00	3056	105.00	523	145.00	476
39.00	5545	72.00	2138	106.00	1933	146.00	569
40.00	70	73.00	17904	107.00	350	147.00	140
44.00	2145	74.00	66360	110.00	248	148.00	985
45.00	2925	75.00	191616	111.00	458	149.00	199
46.00	310	76.00	16456	112.00	126	150.00	311
47.00	3741	77.00	2199	113.00	382	152.00	109
48.00	2441	78.00	683	115.00	485	153.00	205
49.00	15440	79.00	14227	116.00	1669	154.00	135
50.00	67856	80.00	3934	117.00	2770	155.00	909
51.00	20288	81.00	14670	118.00	1687	156.00	85
52.00	917	82.00	3048	119.00	2222	157.00	527
53.00	196	83.00	996	124.00	210	159.00	428
55.00	827	85.00	347	125.00	246	161.00	326
56.00	5985	86.00	514	126.00	106	171.00	92
57.00	10653	87.00	16198	128.00	1488	172.00	1278
58.00	363	88.00	14253	129.00	797	174.00	310336
60.00	3419	91.00	1616	130.00	1488	175.00	22984
61.00	18432	92.00	11278	131.00	575	176.00	298752
62.00	17984	93.00	16568	135.00	732	177.00	19776
63.00	13492	94.00	45760	137.00	702	178.00	515
64.00	1657	95.00	368896	140.00	229	207.00	86
65.00	770	96.00	25360	141.00	3875		
67.00	1252	97.00	796	142.00	590		

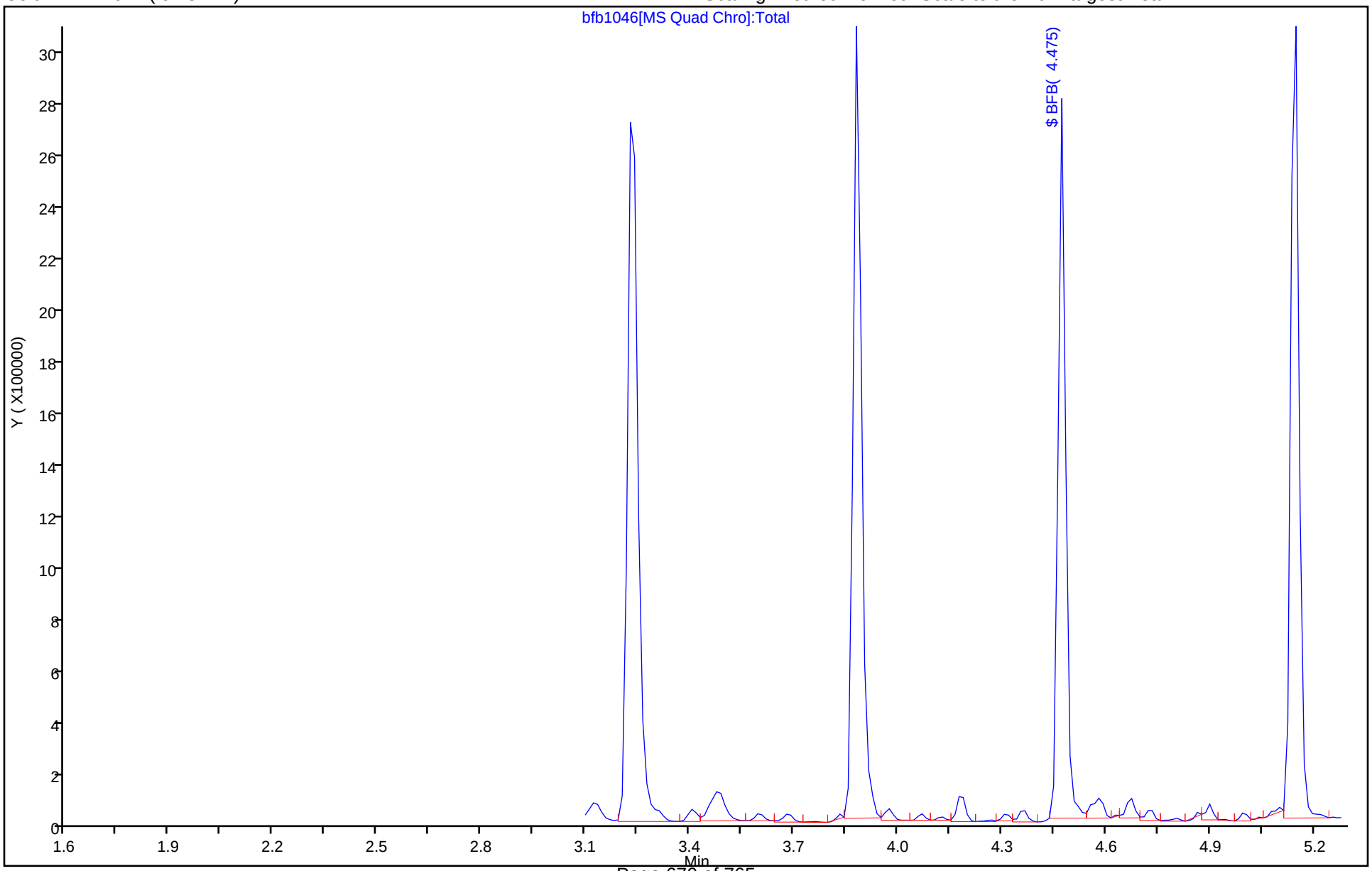
Report Date: 12-May-2022 09:59:04 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\bfb1046.d

Injection Date:	12-May-2022 09:30:37	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\bfb1049.d
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-May-2022 11:00:52 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-001
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 11:43:06 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 11:43:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 8 BFB	95	4.475	4.475	0.000	0	583796	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

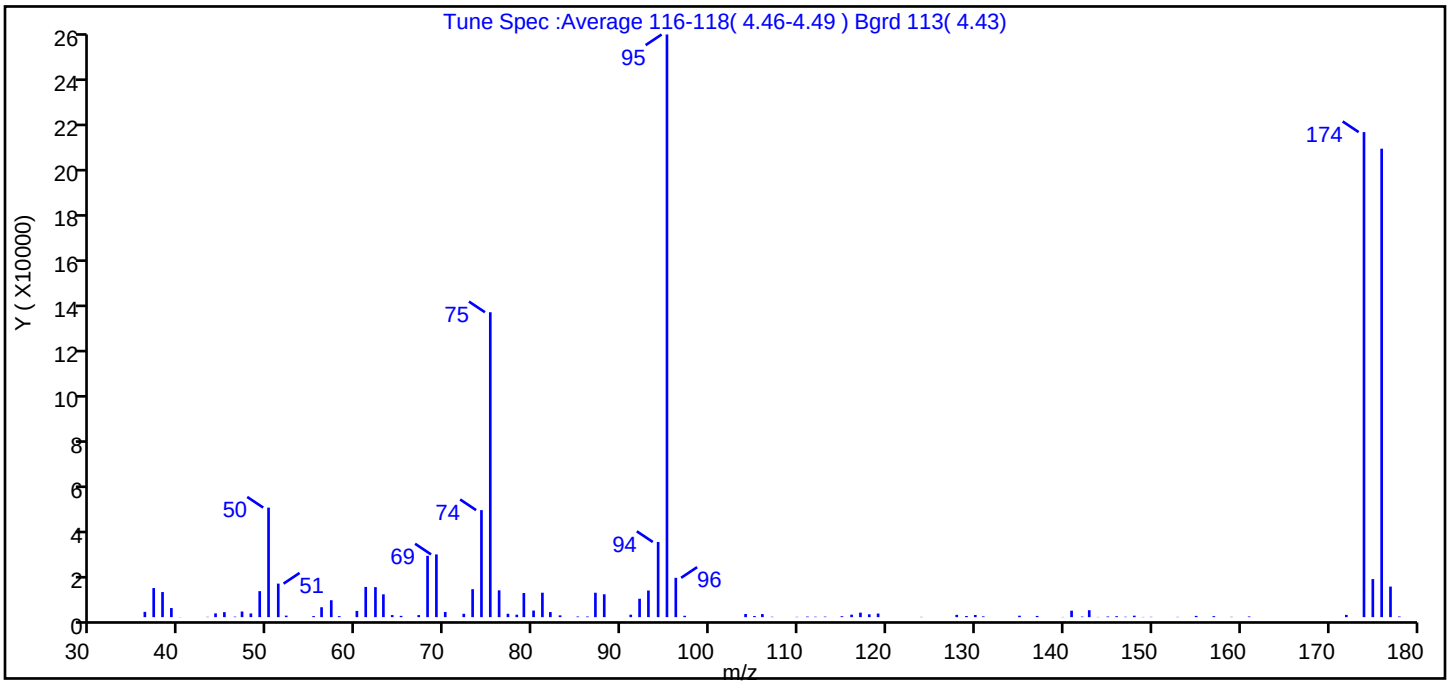
vmbfb_00028 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\bfb1049.d
Injection Date: 17-May-2022 11:00:52 Instrument ID: A3UX19
Lims ID: BFB
Client ID:
Operator ID: 001904 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_19 Limit Group: MSV 8260C ICAL
Tune Method: BFB Method 8260

$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.8
75	30 to 60% of m/z 95	52.3
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.2
175	5 to 9% of m/z 174	6.5 (7.8)
176	Greater than 95% but less than 101% of m/z 174	80.4 (96.6)
177	5 to 9% of m/z 176	5.2 (6.5)

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\bfb1049.d\8260_19.rslt\spectra.d
Injection Date: 17-May-2022 11:00:52
Spectrum: Tune Spec :Average 116-118(4.46-4.49) Bgrd 113(4.43)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2303	65.00	567	94.00	32768	140.00	88
37.00	12680	67.00	890	95.00	254016	141.00	2807
38.00	10941	68.00	26736	96.00	17144	142.00	241
39.00	3967	69.00	27344	97.00	593	143.00	3021
40.00	53	70.00	2256	104.00	1376	144.00	94
43.00	137	72.00	1466	105.00	475	145.00	286
44.00	1640	73.00	12190	106.00	1346	146.00	414
45.00	2177	74.00	46656	107.00	161	147.00	174
46.00	221	75.00	132928	110.00	130	148.00	634
47.00	2458	76.00	11689	111.00	258	149.00	89
48.00	1611	77.00	1482	112.00	194	150.00	134
49.00	11340	78.00	1058	113.00	231	153.00	114
50.00	47752	79.00	10518	115.00	405	155.00	546
51.00	14616	80.00	2868	116.00	1068	157.00	427
52.00	665	81.00	10651	117.00	1956	159.00	131
55.00	461	82.00	2210	118.00	1233	161.00	302
56.00	4313	83.00	780	119.00	1571	172.00	980
57.00	7378	85.00	281	124.00	108	174.00	211456
58.00	430	86.00	286	128.00	997	175.00	16592
60.00	2720	87.00	10646	129.00	502	176.00	204224
61.00	13173	88.00	9973	130.00	928	177.00	13324
62.00	13086	91.00	1071	131.00	338	178.00	278
63.00	9947	92.00	8024	135.00	627		
64.00	895	93.00	11602	137.00	523		

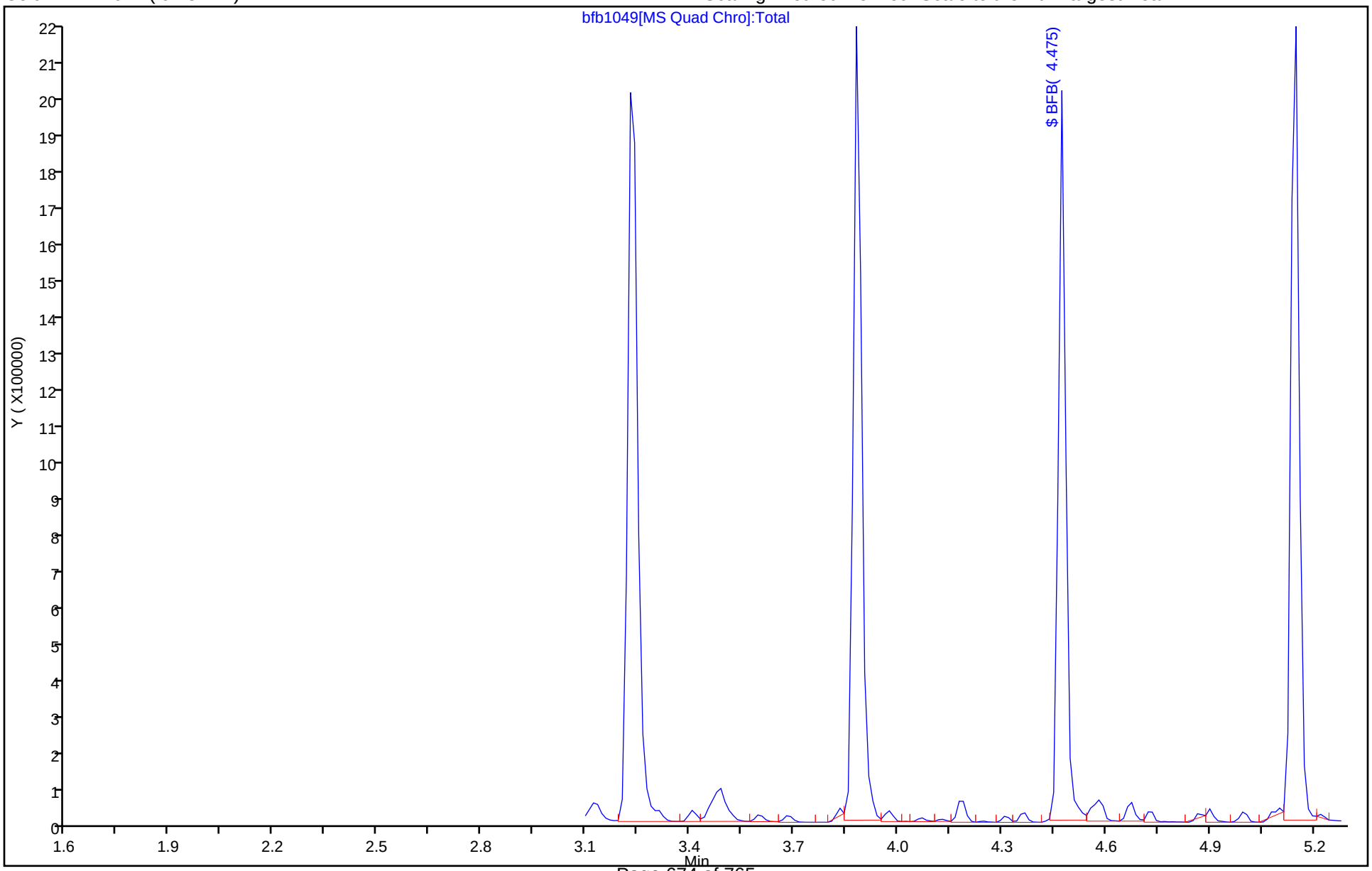
Report Date: 17-May-2022 11:43:06 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\bfb1049.d

Injection Date:	17-May-2022 11:00:52	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526140/8

Matrix: Water | Lab File ID: U1927461.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526140/8

Matrix: Water | Lab File ID: U1927461.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	91		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927461.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-May-2022 11:47:12 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 12:51:48 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 12:51:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	994472	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	737278	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	360410	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.368	5.356	0.012	92	263735	20.0	18.1	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	97	324169	20.0	19.8	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	923349	20.0	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	330191	20.0	20.0	
9 Dichlorodifluoromethane	85		2.036					ND	
10 Chloromethane	50		2.261					ND	
14 1-Chloro-1-fluoroethane TIC	47		2.265					ND	
12 Vinyl chloride	62		2.392					ND	
11 Butadiene	54		2.416					ND	
13 Bromomethane	94		2.748					ND	
15 Chloroethane	64		2.831					ND	
16 Dichlorofluoromethane	67		3.044					ND	
17 Trichlorofluoromethane	101		3.068					ND	
23 Methylal	45		3.142					ND	
18 Ethyl ether	59		3.317					ND	
19 Acrolein	56		3.435					ND	
20 1,1-Dichloroethene	61		3.542					ND	
21 112TCTFE	101		3.554					ND	
22 Acetone	43		3.554					ND	7
24 Iodomethane	142		3.684					ND	
25 Carbon disulfide	76		3.756					ND	7
26 Acetonitrile	41		3.803					ND	U
28 Methyl acetate	43		3.827					ND	7
27 3-Chloro-1-propene	41		3.850					ND	
29 Methylene Chloride	49		3.957					ND	7
30 2-Methyl-2-propanol	59	4.017	4.005	0.012	6	585		0.3109	
31 Acrylonitrile	53	4.147	4.135	0.012	45	679		0.1088	
33 Methyl tert-butyl ether	73		4.171					ND	
32 trans-1,2-Dichloroethene	61		4.182					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57		4.408					ND	
36 Vinyl acetate	43		4.514					ND	
35 1,1-Dichloroethane	63		4.538					ND	
37 Isopropyl ether	87		4.539					ND	
38 2-Chloro-1,3-butadiene	53		4.598					ND	
39 Tert-butyl ethyl ether	59		4.823					ND	
40 2-Butanone (MEK)	72		4.953					ND	
44 Ethyl acetate	43		4.965					ND	7
41 cis-1,2-Dichloroethene	96		4.989					ND	
42 2,2-Dichloropropane	77		5.001					ND	
43 Propionitrile	54		5.013					ND	
45 Methacrylonitrile	41		5.131					ND	
46 Chlorobromomethane	49		5.167					ND	
47 Tetrahydrofuran	42		5.179					ND	
48 Chloroform	83		5.238					ND	
49 1,1,1-Trichloroethane	97		5.392					ND	
50 Cyclohexane	84		5.463					ND	
51 1,1-Dichloropropene	75		5.511					ND	
53 Isobutyl alcohol	41		5.511					ND	
52 Carbon tetrachloride	117		5.522					ND	
54 Benzene	78		5.665					ND	
55 1,2-Dichloroethane	62		5.689					ND	
56 Tert-amyl methyl ether	73		5.736					ND	
57 n-Heptane	57		5.855					ND	
58 n-Butanol	56		6.021					ND	
59 Trichloroethene	130		6.175					ND	
60 Ethyl acrylate	55		6.187					ND	
63 Methyl methacrylate	41		6.365					ND	
61 Methylcyclohexane	83		6.376					ND	
62 1,2-Dichloropropane	63		6.376					ND	
65 1,4-Dioxane	88		6.412					ND	
64 Dibromomethane	174		6.459					ND	
66 Dichlorobromomethane	83		6.566					ND	
67 2-Nitropropane	41		6.732					ND	
68 2-Chloroethyl vinyl ether	63		6.768					ND	
69 cis-1,3-Dichloropropene	75		6.922					ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017					ND	
71 Toluene	91		7.218					ND	
72 trans-1,3-Dichloropropene	75		7.372					ND	
73 Ethyl methacrylate	69		7.384					ND	
74 1,1,2-Trichloroethane	97		7.550					ND	
75 Tetrachloroethene	166		7.657					ND	
76 1,3-Dichloropropane	76		7.693					ND	
77 2-Hexanone	43		7.704					ND	
78 n-Butyl acetate	43		7.776					ND	
79 Chlorodibromomethane	129		7.894					ND	
80 Tetrahydrothiophene	60		7.904					ND	
81 Ethylene Dibromide	107		8.013					ND	
82 1-Chlorohexane	91		8.369					ND	7
83 Chlorobenzene	112		8.428					ND	
84 1,1,1,2-Tetrachloroethane	131		8.499					ND	
85 Ethylbenzene	106		8.499					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 m-Xylene & p-Xylene	106		8.606					ND	
87 o-Xylene	106		8.961					ND	
88 Styrene	104		8.973					ND	
89 Bromoform	173		9.151					ND	
90 Isopropylbenzene	105		9.282					ND	
92 1,4-Dichlorobutane	55		9.386					ND	
91 Cyclohexanone	55		9.389					ND	
93 1,1,2,2-Tetrachloroethane	83		9.543					ND	
97 trans-1,4-Dichloro-2-butene	53		9.578					ND	
95 Bromobenzene	156		9.602					ND	
96 1,2,3-Trichloropropane	110		9.614					ND	
98 N-Propylbenzene	120		9.661					ND	
100 2-Chlorotoluene	126		9.768					ND	
101 1,3,5-Trimethylbenzene	105		9.815					ND	
102 4-Chlorotoluene	126		9.875					ND	
94 3-Ethyltoluene	105		10.091					ND	
103 tert-Butylbenzene	119		10.124					ND	
104 Pentachloroethane	167		10.160					ND	
105 1,2,4-Trimethylbenzene	105		10.171					ND	
106 sec-Butylbenzene	105		10.325					ND	
99 2-Ethyltoluene	105		10.400					ND	
107 1,3-Dichlorobenzene	146		10.456					ND	7
108 4-Isopropyltoluene	119		10.468					ND	
109 1,4-Dichlorobenzene	146		10.551					ND	7
110 1,2,3-Trimethylbenzene	105		10.563					ND	
111 Benzyl chloride	91		10.646					ND	
112 n-Butylbenzene	91		10.847					ND	7
113 1,2-Dichlorobenzene	146		10.894					ND	
114 1,2-Dibromo-3-Chloropropane	157		11.630					ND	
115 1,3,5-Trichlorobenzene	180		11.808					ND	
116 1,2,4-Trichlorobenzene	180		12.412					ND	7
117 Hexachlorobutadiene	225		12.543					ND	
118 Naphthalene	128		12.685					ND	7
119 1,2,3-Trichlorobenzene	180		12.922					ND	7
120 2-Methylnaphthalene	142	14.013	14.037	-0.024	84	2370		0.1263	
168 1-Methylnaphthalene	142	14.286	14.286	0.000	90	1898		0.1020	
122 Ethylene oxide	1		0.040					ND	
123 Propene oxide	1		0.040					ND	
121 Epichlorohydrin	1		0.040					ND	
169 Isooctane	57		0.050					ND	
S 125 Trihalomethanes, Total	1		0.040					ND	
S 124 Total BTEX	1		0.040					ND	
S 126 1,2-Dichloroethene, Total	96		1.180					ND	
S 127 1,3-Dichloropropene, Total	75		6.800					ND	
S 128 Xylenes, Total	106		16.570					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

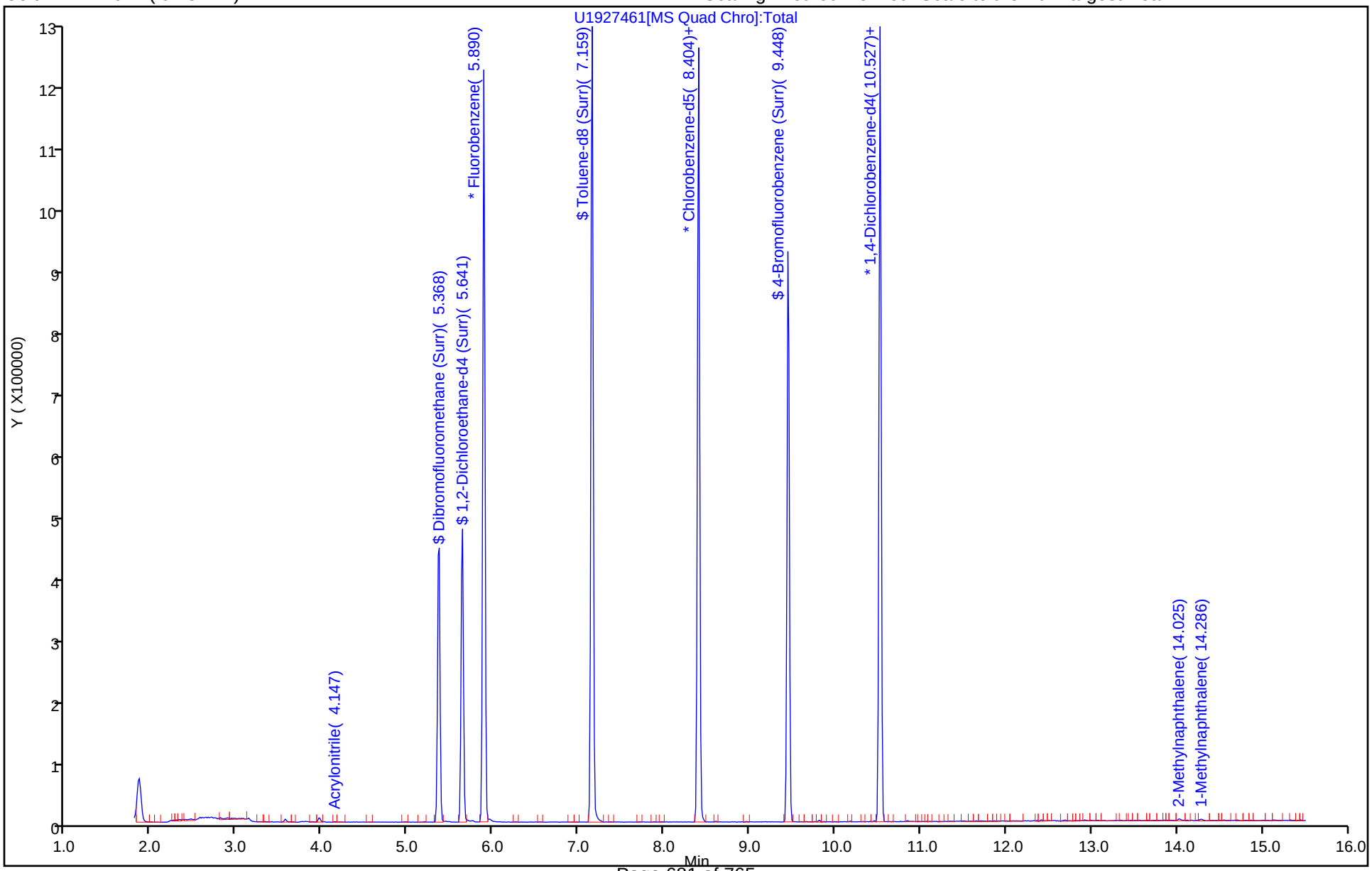
Report Date: 12-May-2022 12:51:48 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927461.D

Injection Date:	12-May-2022 11:47:12	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927461.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-May-2022 11:47:12 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 12:51:48 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 12:51:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.1	90.64
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.8	99.13
$ 6 Toluene-d8 (Surr)	20.0	20.6	102.98
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.0	100.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526533/9

Matrix: Water | Lab File ID: u1290591.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526533/9

Matrix: Water | Lab File ID: u1290591.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		62-137
460-00-4	4-Bromofluorobenzene (Surr)	103		56-136
2037-26-5	Toluene-d8 (Surr)	101		78-122
1868-53-7	Dibromofluoromethane (Surr)	117		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290591.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-May-2022 12:37:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-009
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 10:55:40 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: laveyt Date: 16-May-2022 13:04:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	887772	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	630748	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.597	10.597	0.000	95	349218	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	94	236806	20.0	23.5	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.710	5.710	0.000	95	281086	20.0	24.3	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	848534	20.0	20.2	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	324249	20.0	20.6	
9 Dichlorodifluoromethane	85		2.089					ND	
10 Chloromethane	50		2.314					ND	
12 Vinyl chloride	62		2.444					ND	
11 Butadiene	54		2.468					ND	
13 1-Chloro-1-fluoroethane TIC	47		2.630					ND	
14 Bromomethane	94		2.799					ND	
15 Chloroethane	64		2.894					ND	
18 Methylal	45		3.076					ND	
16 Dichlorofluoromethane	67		3.107					ND	
17 Trichlorofluoromethane	101		3.131					ND	
19 Ethyl ether	59		3.379					ND	
20 Acrolein	56		3.521					ND	
21 1,1-Dichloroethene	61		3.616					ND	
22 112TCTFE	101		3.616					ND	
23 Acetone	58		3.640					ND	7
24 Iodomethane	142		3.758					ND	
25 Carbon disulfide	76		3.829					ND	7
26 Acetonitrile	41		3.888					ND	7
28 Methyl acetate	43		3.900					ND	7
27 3-Chloro-1-propene	41		3.924					ND	7
29 Methylene Chloride	49		4.030					ND	7
30 2-Methyl-2-propanol	59		4.089					ND	
31 Acrylonitrile	53		4.219					ND	
33 Methyl tert-butyl ether	73		4.243					ND	
32 trans-1,2-Dichloroethene	61		4.255					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57		4.468					ND	
36 Vinyl acetate	43		4.586					ND	
37 Isopropyl ether	87		4.610					ND	
35 1,1-Dichloroethane	63		4.610					ND	
38 2-Chloro-1,3-butadiene	53		4.669					ND	
39 Tert-butyl ethyl ether	59		4.894					ND	
42 2-Butanone (MEK)	72		5.036					ND	
43 Ethyl acetate	43		5.048					ND	
41 cis-1,2-Dichloroethene	96		5.060					ND	
40 2,2-Dichloropropane	77		5.071					ND	
44 Propionitrile	54		5.095					ND	
45 Methacrylonitrile	41		5.213					ND	
46 Chlorobromomethane	49		5.249					ND	
47 Tetrahydrofuran	42		5.261					ND	
48 Chloroform	83		5.308					ND	
49 1,1,1-Trichloroethane	97		5.474					ND	
50 Cyclohexane	84		5.533					ND	
51 1,1-Dichloropropene	75		5.580					ND	
52 Carbon tetrachloride	117		5.592					ND	
53 Isobutyl alcohol	41		5.592					ND	
54 Benzene	78		5.746					ND	
55 1,2-Dichloroethane	62		5.770					ND	
56 Tert-amyl methyl ether	73		5.805					ND	
57 n-Heptane	57		5.923					ND	
58 n-Butanol	56		6.101					ND	
59 Trichloroethene	130		6.243					ND	
60 Ethyl acrylate	55		6.255					ND	
63 Methyl methacrylate	41		6.444					ND	
61 Methylcyclohexane	83		6.444					ND	
62 1,2-Dichloropropane	63		6.456					ND	
65 1,4-Dioxane	88		6.503					ND	
64 Dibromomethane	174		6.539					ND	
66 Dichlorobromomethane	83		6.657					ND	
67 2-Nitropropane	41		6.823					ND	
68 2-Chloroethyl vinyl ether	63		6.846					ND	
69 cis-1,3-Dichloropropene	75		7.000					ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.095					ND	
71 Toluene	91		7.284					ND	7
72 trans-1,3-Dichloropropene	75		7.450					ND	7
74 Ethyl methacrylate	69		7.462					ND	
73 Tetrahydrothiophene	60		7.475					ND	
75 1,1,2-Trichloroethane	97		7.627					ND	
76 Tetrachloroethene	166		7.722					ND	
77 1,3-Dichloropropane	76		7.781					ND	
78 2-Hexanone	43		7.781					ND	
79 n-Butyl acetate	43		7.852					ND	
80 Chlorodibromomethane	129		7.970					ND	
81 Ethylene Dibromide	107		8.089					ND	
82 1-Chlorohexane	91		8.444					ND	7
83 Chlorobenzene	112		8.503					ND	
85 Ethylbenzene	106		8.574					ND	
84 1,1,1,2-Tetrachloroethane	131		8.574					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 m-Xylene & p-Xylene	106		8.680					ND	
87 o-Xylene	106		9.035					ND	
88 Styrene	104		9.047					ND	
89 Bromoform	173		9.237					ND	
90 Isopropylbenzene	105		9.355					ND	
91 Cyclohexanone	55		9.461					ND	
93 1,1,2,2-Tetrachloroethane	83		9.627					ND	
95 trans-1,4-Dichloro-2-butene	53		9.663					ND	
92 Bromobenzene	156		9.674					ND	
94 1,2,3-Trichloropropane	110		9.698					ND	
96 N-Propylbenzene	120		9.734					ND	
97 2-Chlorotoluene	126		9.840					ND	
98 1,3,5-Trimethylbenzene	105		9.887					ND	
99 4-Chlorotoluene	126		9.947					ND	
100 3-Ethyltoluene	105		10.054					ND	
102 tert-Butylbenzene	119		10.195					ND	
103 Pentachloroethane	167		10.242					ND	
104 1,2,4-Trimethylbenzene	105		10.242					ND	
101 2-Ethyltoluene	105		10.243					ND	
105 sec-Butylbenzene	105		10.396					ND	
107 4-Isopropyltoluene	119		10.538					ND	
106 1,3-Dichlorobenzene	146		10.538					ND	
108 1,4-Dichlorobenzene	146		10.621					ND	
109 1,2,3-Trimethylbenzene	105		10.633					ND	
110 Benzyl chloride	91		10.727					ND	
111 n-Butylbenzene	91		10.917					ND	
112 1,2-Dichlorobenzene	146		10.976					ND	
113 1,2-Dibromo-3-Chloropropane	157		11.710					ND	
114 1,3,5-Trichlorobenzene	180	11.875	11.875	0.000	88	1578		0.1008	
115 1,2,4-Trichlorobenzene	180		12.479					ND	7
116 Hexachlorobutadiene	225	12.597	12.609	-0.012	80	1051		0.1805	
117 Naphthalene	128		12.739					ND	7
118 1,2,3-Trichlorobenzene	180		12.952					ND	7
119 2-Methylnaphthalene	142	13.911	13.922	-0.011	92	7142		0.3001	
168 1-Methylnaphthalene	142	14.135	14.135	0.000	89	5698		0.2706	
120 1,4-Dichlorobutane	1		0.220					ND	
123 Epichlorohydrin	1		0.220					ND	
121 Ethylene oxide	1		0.220					ND	
122 Propene oxide	1		0.220					ND	
169 Isooctane	57		0.730					ND	
S 124 Trihalomethanes, Total	1		0.220					ND	
S 125 Total BTEX	1		0.220					ND	
S 126 1,2-Dichloroethene, Total	96		1.360					ND	
S 127 1,3-Dichloropropene, Total	75		6.980					ND	
S 128 Xylenes, Total	106		16.750					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

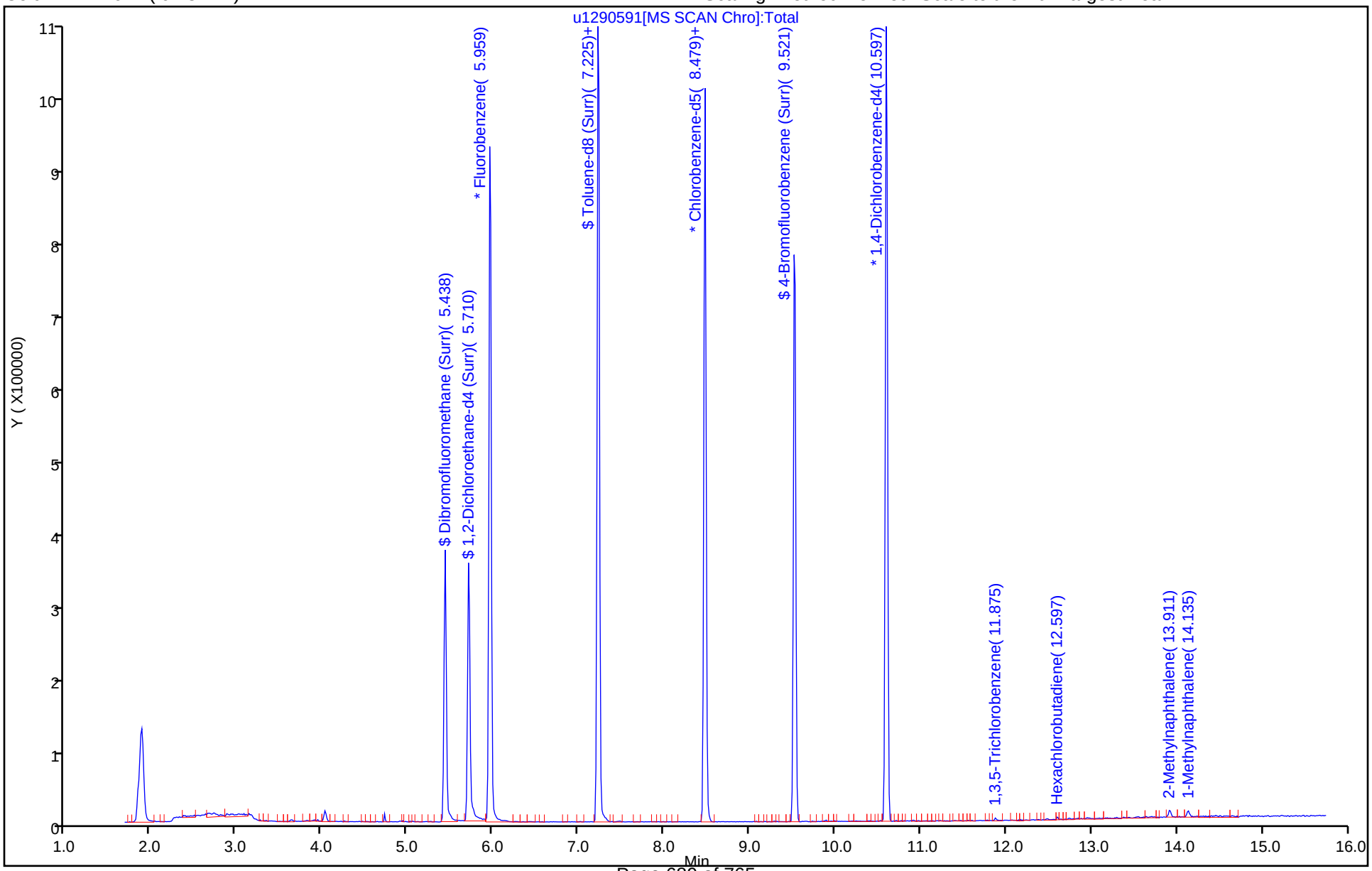
Report Date: 16-May-2022 13:04:23 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290591.D

Injection Date:	16-May-2022 12:37:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290591.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-May-2022 12:37:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-009
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 10:55:40 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: laveyt Date: 16-May-2022 13:04:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	23.5	117.37
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	24.3	121.32
$ 6 Toluene-d8 (Surr)	20.0	20.2	100.83
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.6	103.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526755/8

Matrix: Water | Lab File ID: U1927555.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.60
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.48
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.47
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.49
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.21
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.47
591-78-6	2-Hexanone	10	U	10	1.1
67-64-1	Acetone	10	U	10	5.4
71-43-2	Benzene	1.0	U	1.0	0.42
75-25-2	Bromoform	1.0	U	1.0	0.76
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-15-0	Carbon disulfide	1.0	U	1.0	0.59
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.26
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.83
67-66-3	Chloroform	1.0	U	1.0	0.47
74-87-3	Chloromethane	1.0	U	1.0	0.63
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.61
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.17
100-41-4	Ethylbenzene	1.0	U	1.0	0.42
78-93-3	2-Butanone (MEK)	10	U	10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.99
75-09-2	Methylene Chloride	5.0	U	5.0	2.6
100-42-5	Styrene	1.0	U	1.0	0.45
127-18-4	Tetrachloroethene	1.0	U	1.0	0.44
108-88-3	Toluene	1.0	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.67
79-01-6	Trichloroethene	1.0	U	1.0	0.44
75-01-4	Vinyl chloride	1.0	U	1.0	0.45
1330-20-7	Xylenes, Total	2.0	U	2.0	0.42
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-526755/8

Matrix: Water | Lab File ID: U1927555.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 13:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		62-137
460-00-4	4-Bromofluorobenzene (Surr)	102		56-136
2037-26-5	Toluene-d8 (Surr)	103		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927555.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-May-2022 13:16:29 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 13:38:08 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 13:38:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	745524	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	86	551265	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	273412	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.356	5.357	-0.001	92	203268	20.0	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.641	-0.012	97	246659	20.0	20.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	692056	20.0	20.6	
$ 7 4-Bromofluorobenzene (Surr)	95	9.447	9.448	-0.001	88	251120	20.0	20.4	
9 Dichlorodifluoromethane	85		2.048					ND	
14 1-Chloro-1-fluoroethane TIC	47		2.265					ND	
10 Chloromethane	50		2.273					ND	
12 Vinyl chloride	62		2.404					ND	
11 Butadiene	54		2.427					ND	
13 Bromomethane	94		2.760					ND	
15 Chloroethane	64		2.843					ND	
16 Dichlorofluoromethane	67		3.056					ND	
17 Trichlorofluoromethane	101		3.080					ND	
23 Methylal	45		3.142					ND	
18 Ethyl ether	59		3.317					ND	
19 Acrolein	56		3.447					ND	
20 1,1-Dichloroethene	61		3.554					ND	
21 112TCTFE	101		3.566					ND	
22 Acetone	43		3.566					ND	7
24 Iodomethane	142		3.696					ND	
25 Carbon disulfide	76		3.768					ND	7
26 Acetonitrile	41		3.803					ND	U
28 Methyl acetate	43		3.827					ND	
27 3-Chloro-1-propene	41		3.851					ND	
29 Methylene Chloride	49		3.957					ND	7
30 2-Methyl-2-propanol	59		4.017					ND	
31 Acrylonitrile	53		4.147					ND	
33 Methyl tert-butyl ether	73		4.183					ND	
32 trans-1,2-Dichloroethene	61		4.194					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57		4.408					ND	
36 Vinyl acetate	43		4.515					ND	
35 1,1-Dichloroethane	63		4.538					ND	
37 Isopropyl ether	87		4.538					ND	
38 2-Chloro-1,3-butadiene	53		4.598					ND	
39 Tert-butyl ethyl ether	59		4.823					ND	
40 2-Butanone (MEK)	72		4.965					ND	
44 Ethyl acetate	43		4.965					ND	7
41 cis-1,2-Dichloroethene	96		4.989					ND	
42 2,2-Dichloropropane	77		5.001					ND	
43 Propionitrile	54		5.013					ND	
45 Methacrylonitrile	41		5.131					ND	
46 Chlorobromomethane	49		5.179					ND	
47 Tetrahydrofuran	42		5.191					ND	
48 Chloroform	83		5.238					ND	
49 1,1,1-Trichloroethane	97		5.392					ND	
50 Cyclohexane	84		5.463					ND	
53 Isobutyl alcohol	41		5.511					ND	
51 1,1-Dichloropropene	75		5.511					ND	
52 Carbon tetrachloride	117		5.523					ND	
54 Benzene	78		5.677					ND	
55 1,2-Dichloroethane	62		5.700					ND	
56 Tert-amyl methyl ether	73		5.736					ND	
57 n-Heptane	57		5.855					ND	
58 n-Butanol	56		6.021					ND	
59 Trichloroethene	130		6.175					ND	
60 Ethyl acrylate	55		6.187					ND	
61 Methylcyclohexane	83		6.376					ND	
62 1,2-Dichloropropane	63		6.376					ND	
63 Methyl methacrylate	41		6.376					ND	
65 1,4-Dioxane	88		6.424					ND	
64 Dibromomethane	174		6.459					ND	
66 Dichlorobromomethane	83		6.578					ND	
67 2-Nitropropane	41		6.732					ND	
68 2-Chloroethyl vinyl ether	63		6.768					ND	
69 cis-1,3-Dichloropropene	75		6.922					ND	
70 4-Methyl-2-pentanone (MIBK)	43		7.017					ND	
71 Toluene	91		7.218					ND	
72 trans-1,3-Dichloropropene	75		7.373					ND	
73 Ethyl methacrylate	69		7.384					ND	
74 1,1,2-Trichloroethane	97		7.550					ND	
75 Tetrachloroethene	166		7.657					ND	
76 1,3-Dichloropropane	76		7.693					ND	
77 2-Hexanone	43		7.705					ND	
78 n-Butyl acetate	43		7.776					ND	
79 Chlorodibromomethane	129		7.894					ND	
80 Tetrahydrothiophene	60		7.904					ND	
81 Ethylene Dibromide	107		8.013					ND	
82 1-Chlorohexane	91		8.369					ND	U
83 Chlorobenzene	112		8.428					ND	
84 1,1,1,2-Tetrachloroethane	131		8.499					ND	
85 Ethylbenzene	106		8.499					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 m-Xylene & p-Xylene	106		8.606					ND	
87 o-Xylene	106		8.962					ND	
88 Styrene	104		8.973					ND	
89 Bromoform	173		9.151					ND	
90 Isopropylbenzene	105		9.282					ND	
92 1,4-Dichlorobutane	55		9.386					ND	
91 Cyclohexanone	55		9.389					ND	
93 1,1,2,2-Tetrachloroethane	83		9.543					ND	
97 trans-1,4-Dichloro-2-butene	53		9.578					ND	
95 Bromobenzene	156		9.602					ND	
96 1,2,3-Trichloropropane	110		9.614					ND	
98 N-Propylbenzene	120		9.661					ND	
100 2-Chlorotoluene	126		9.768					ND	
101 1,3,5-Trimethylbenzene	105		9.815					ND	
102 4-Chlorotoluene	126		9.875					ND	
94 3-Ethyltoluene	105		10.091					ND	
103 tert-Butylbenzene	119		10.124					ND	
104 Pentachloroethane	167		10.159					ND	
105 1,2,4-Trimethylbenzene	105		10.171					ND	
106 sec-Butylbenzene	105		10.325					ND	
99 2-Ethyltoluene	105		10.400					ND	
107 1,3-Dichlorobenzene	146		10.456					ND	7
108 4-Isopropyltoluene	119		10.468					ND	
109 1,4-Dichlorobenzene	146		10.551					ND	7
110 1,2,3-Trimethylbenzene	105		10.563					ND	
111 Benzyl chloride	91		10.646					ND	
112 n-Butylbenzene	91		10.847					ND	
113 1,2-Dichlorobenzene	146		10.895					ND	
114 1,2-Dibromo-3-Chloropropane	157		11.630					ND	
115 1,3,5-Trichlorobenzene	180		11.808					ND	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	75	951		0.1011	
117 Hexachlorobutadiene	225		12.543					ND	
118 Naphthalene	128		12.697					ND	7
119 1,2,3-Trichlorobenzene	180		12.922					ND	7
120 2-Methylnaphthalene	142	14.025	14.037	-0.012	89	1655		0.1162	
168 1-Methylnaphthalene	142		14.286					ND	7
122 Ethylene oxide	1		0.040					ND	
123 Propene oxide	1		0.040					ND	
121 Epichlorohydrin	1		0.040					ND	
169 Isooctane	57		0.050					ND	
S 125 Trihalomethanes, Total	1		0.040					ND	
S 124 Total BTEX	1		0.040					ND	
S 126 1,2-Dichloroethene, Total	96		1.180					ND	
S 127 1,3-Dichloropropene, Total	75		6.800					ND	
S 128 Xylenes, Total	106		16.570					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected

Reagents:

vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

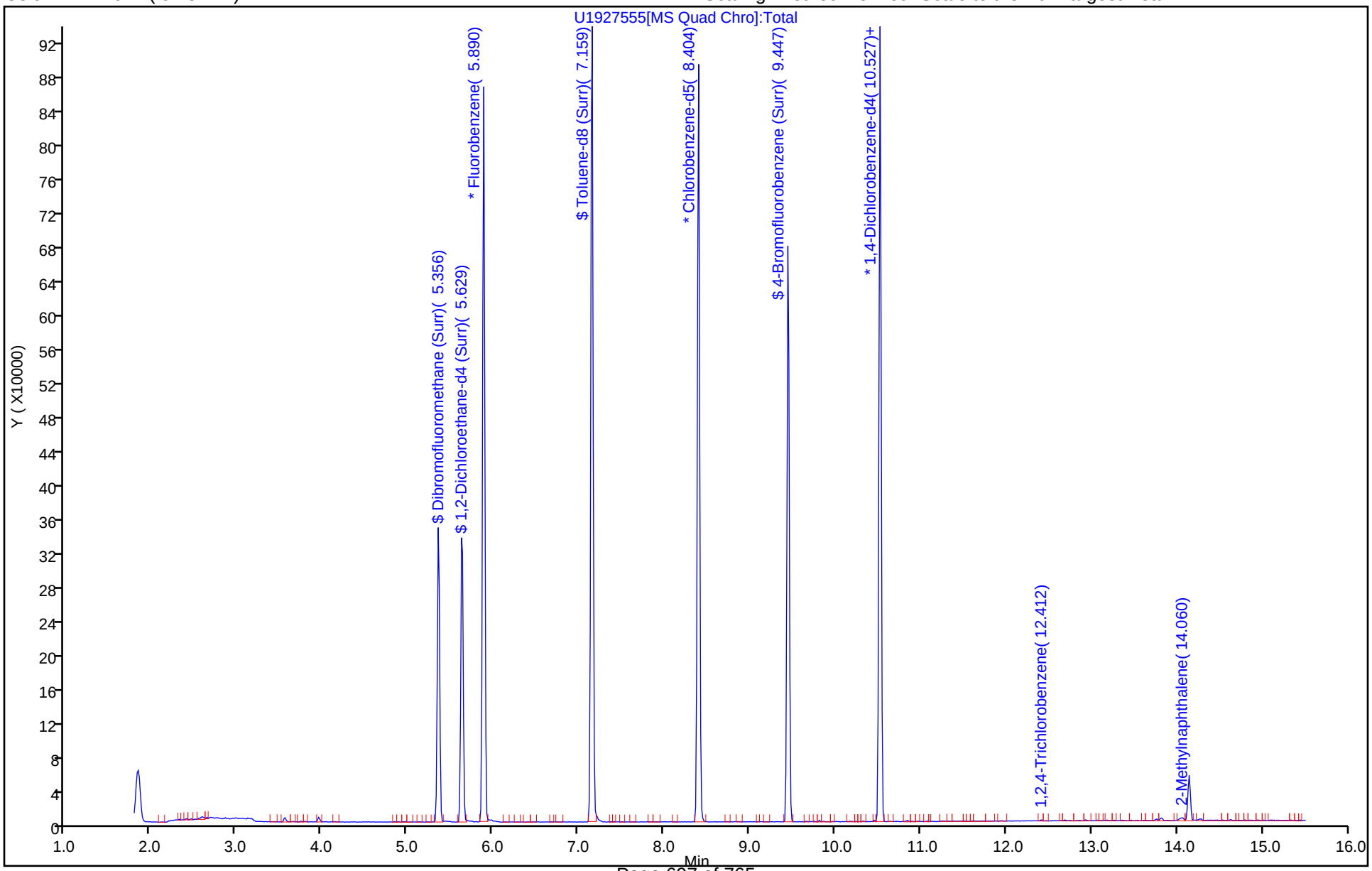
Report Date: 17-May-2022 13:38:09 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927555.D

Injection Date:	17-May-2022 13:16:29	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927555.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-May-2022 13:16:29 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-008
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 13:38:08 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 13:38:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	93.19
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.1	100.61
$ 6 Toluene-d8 (Surr)	20.0	20.6	103.23
$ 7 4-Bromofluorobenzene (Surr)	20.0	20.4	101.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-526140/5

Matrix: Water | Lab File ID: U1927458.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 10:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.0	0.60
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.48
75-34-3	1,1-Dichloroethane	18.9		1.0	0.47
75-35-4	1,1-Dichloroethene	19.6		1.0	0.49
107-06-2	1,2-Dichloroethane	19.0		1.0	0.21
78-87-5	1,2-Dichloropropane	19.2		1.0	0.47
591-78-6	2-Hexanone	46.1		10	1.1
67-64-1	Acetone	37.2		10	5.4
71-43-2	Benzene	18.9		1.0	0.42
75-25-2	Bromoform	21.8		1.0	0.76
74-83-9	Bromomethane	15.1		1.0	0.42
75-15-0	Carbon disulfide	19.1		1.0	0.59
56-23-5	Carbon tetrachloride	19.4		1.0	0.26
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	15.0		1.0	0.83
67-66-3	Chloroform	18.8		1.0	0.47
74-87-3	Chloromethane	16.2		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.61
75-27-4	Dichlorobromomethane	19.6		1.0	0.17
100-41-4	Ethylbenzene	21.5		1.0	0.42
78-93-3	2-Butanone (MEK)	37.2		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	40.9		10	0.99
75-09-2	Methylene Chloride	18.7		5.0	2.6
100-42-5	Styrene	21.8		1.0	0.45
127-18-4	Tetrachloroethene	20.7		1.0	0.44
108-88-3	Toluene	20.5		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	22.2		1.0	0.67
79-01-6	Trichloroethene	18.9		1.0	0.44
75-01-4	Vinyl chloride	16.8		1.0	0.45
1330-20-7	Xylenes, Total	43.7		2.0	0.42
124-48-1	Chlorodibromomethane	21.7		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-526140/5

Matrix: Water | Lab File ID: U1927458.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 10:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		62-137
460-00-4	4-Bromofluorobenzene (Surr)	109		56-136
2037-26-5	Toluene-d8 (Surr)	105		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927458.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 12-May-2022 10:39:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 09:41:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 11:57:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	1052643	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	775576	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	401554	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	286672	20.0	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	99	330830	20.0	19.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	93	986386	20.0	20.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	87	377252	20.0	21.8	
9 Dichlorodifluoromethane	85	2.048	2.036	0.012	99	322164	20.0	18.2	
10 Chloromethane	50	2.273	2.261	0.012	99	281872	20.0	16.2	
12 Vinyl chloride	62	2.404	2.392	0.012	98	311937	20.0	16.8	
11 Butadiene	54	2.427	2.416	0.011	88	259809	20.0	14.8	
13 Bromomethane	94	2.759	2.748	0.011	92	270033	20.0	15.1	
15 Chloroethane	64	2.843	2.831	0.011	99	212626	20.0	15.0	
16 Dichlorofluoromethane	67	3.056	3.044	0.012	97	528279	20.0	15.2	
17 Trichlorofluoromethane	101	3.068	3.068	0.000	99	505913	20.0	16.2	
18 Ethyl ether	59	3.317	3.317	0.000	89	199612	20.0	18.8	
19 Acrolein	56	3.447	3.435	0.012	99	157872	100.0	77.4	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	99	382862	20.0	19.6	
21 112TCTFE	101	3.566	3.554	0.012	95	298085	20.0	18.8	
22 Acetone	43	3.566	3.554	0.012	100	207304	40.0	37.2	
24 Iodomethane	142	3.684	3.684	0.000	99	443402	20.0	18.7	
25 Carbon disulfide	76	3.756	3.756	0.000	99	663344	20.0	19.1	
28 Methyl acetate	43	3.827	3.827	0.000	96	467102	40.0	36.9	
27 3-Chloro-1-propene	41	3.850	3.850	0.000	85	310393	20.0	19.7	
29 Methylene Chloride	49	3.957	3.957	0.000	88	314384	20.0	18.7	
30 2-Methyl-2-propanol	59	4.017	4.005	0.011	98	368812	200.0	185.2	
31 Acrylonitrile	53	4.147	4.135	0.012	98	1245255	200.0	188.6	
33 Methyl tert-butyl ether	73	4.183	4.171	0.012	94	765835	20.0	19.9	
32 trans-1,2-Dichloroethene	61	4.194	4.182	0.012	96	358722	20.0	18.9	
34 Hexane	57	4.408	4.408	0.000	91	349197	20.0	19.7	
36 Vinyl acetate	43	4.515	4.514	0.001	97	462941	20.0	21.7	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	440325	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	97984	40.0	37.2	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	302626	20.0	18.8	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	91	309887	20.0	19.9	
46 Chlorobromomethane	49	5.179	5.167	0.012	87	206506	20.0	18.8	
47 Tetrahydrofuran	42	5.191	5.179	0.011	81	205781	40.0	40.1	
48 Chloroform	83	5.238	5.238	0.000	93	490270	20.0	18.8	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	445548	20.0	19.9	
50 Cyclohexane	84	5.463	5.463	0.000	86	417589	20.0	18.9	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	91	377658	20.0	19.8	
53 Isobutyl alcohol	41	5.511	5.511	0.000	80	343310	500.0	479.3	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	379517	20.0	19.4	
54 Benzene	78	5.677	5.665	0.012	96	1029279	20.0	18.9	
55 1,2-Dichloroethane	62	5.700	5.689	0.012	98	373792	20.0	19.0	
57 n-Heptane	57	5.855	5.855	0.000	87	187221	20.0	18.2	
59 Trichloroethene	130	6.175	6.175	0.000	97	297515	20.0	18.9	
61 Methylcyclohexane	83	6.376	6.376	0.000	90	451728	20.0	19.4	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	92	238397	20.0	19.2	
65 1,4-Dioxane	88	6.424	6.412	0.012	90	87364	400.0	407.2	
64 Dibromomethane	174	6.459	6.459	0.000	96	187480	20.0	18.4	
66 Dichlorobromomethane	83	6.578	6.566	0.012	99	322001	20.0	19.6	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	180466	20.0	21.4	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	357215	20.0	20.5	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	638422	40.0	40.9	
71 Toluene	91	7.218	7.218	0.000	98	1105693	20.0	20.5	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.000	97	335188	20.0	22.2	
73 Ethyl methacrylate	69	7.384	7.384	0.000	86	340916	20.0	23.0	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	245032	20.0	21.3	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	300275	20.0	20.7	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	398732	20.0	20.9	
77 2-Hexanone	43	7.705	7.704	0.001	89	479638	40.0	46.1	
79 Chlorodibromomethane	129	7.894	7.894	0.000	90	240569	20.0	21.7	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	260953	20.0	21.5	
83 Chlorobenzene	112	8.428	8.428	0.000	95	716152	20.0	20.3	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	257364	20.0	20.9	
85 Ethylbenzene	106	8.499	8.499	0.000	98	391181	20.0	21.5	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	99	479847	20.0	21.7	
87 o-Xylene	106	8.962	8.961	0.001	97	466539	20.0	22.0	
88 Styrene	104	8.973	8.973	0.000	93	737507	20.0	21.8	
89 Bromoform	173	9.151	9.151	0.000	95	163852	20.0	21.8	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1238314	20.0	21.7	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	374257	20.0	21.3	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	71	108371	20.0	24.1	
95 Bromobenzene	156	9.602	9.602	0.000	98	308686	20.0	21.1	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	132446	20.0	20.7	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	335412	20.0	22.5	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	286709	20.0	21.6	
101 1,3,5-Trimethylbenzene	105	9.815	9.815	0.000	94	994596	20.0	22.5	
102 4-Chlorotoluene	126	9.875	9.875	0.000	98	299492	20.0	21.6	
103 tert-Butylbenzene	119	10.124	10.124	0.000	92	862227	20.0	22.2	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	97	1002285	20.0	22.9	
106 sec-Butylbenzene	105	10.325	10.325	0.000	95	1237274	20.0	22.4	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	566049	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	1026110	20.0	22.7	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	95	579767	20.0	20.6	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	861415	20.0	22.1	
113 1,2-Dichlorobenzene	146	10.895	10.894	0.001	97	539369	20.0	21.1	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	85	86128	20.0	21.8	
116 1,2,4-Trichlorobenzene	180	12.412	12.412	0.000	94	292924	20.0	21.2	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	96	111434	20.0	22.9	
118 Naphthalene	128	12.697	12.685	0.012	97	1015742	20.0	23.2	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	94	275099	20.0	20.6	
S 125 Trihalomethanes, Total	1				0		80.0	81.8	
S 124 Total BTEX	1				0		100.0	104.7	
S 128 Xylenes, Total	106				0		40.0	43.8	

QC Flag Legend

Processing Flags

Reagents:

vmfasaw_00416	Amount Added:	16.00	Units: uL	
vmfaspw_00443	Amount Added:	16.00	Units: uL	
vmfasgw_00453	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

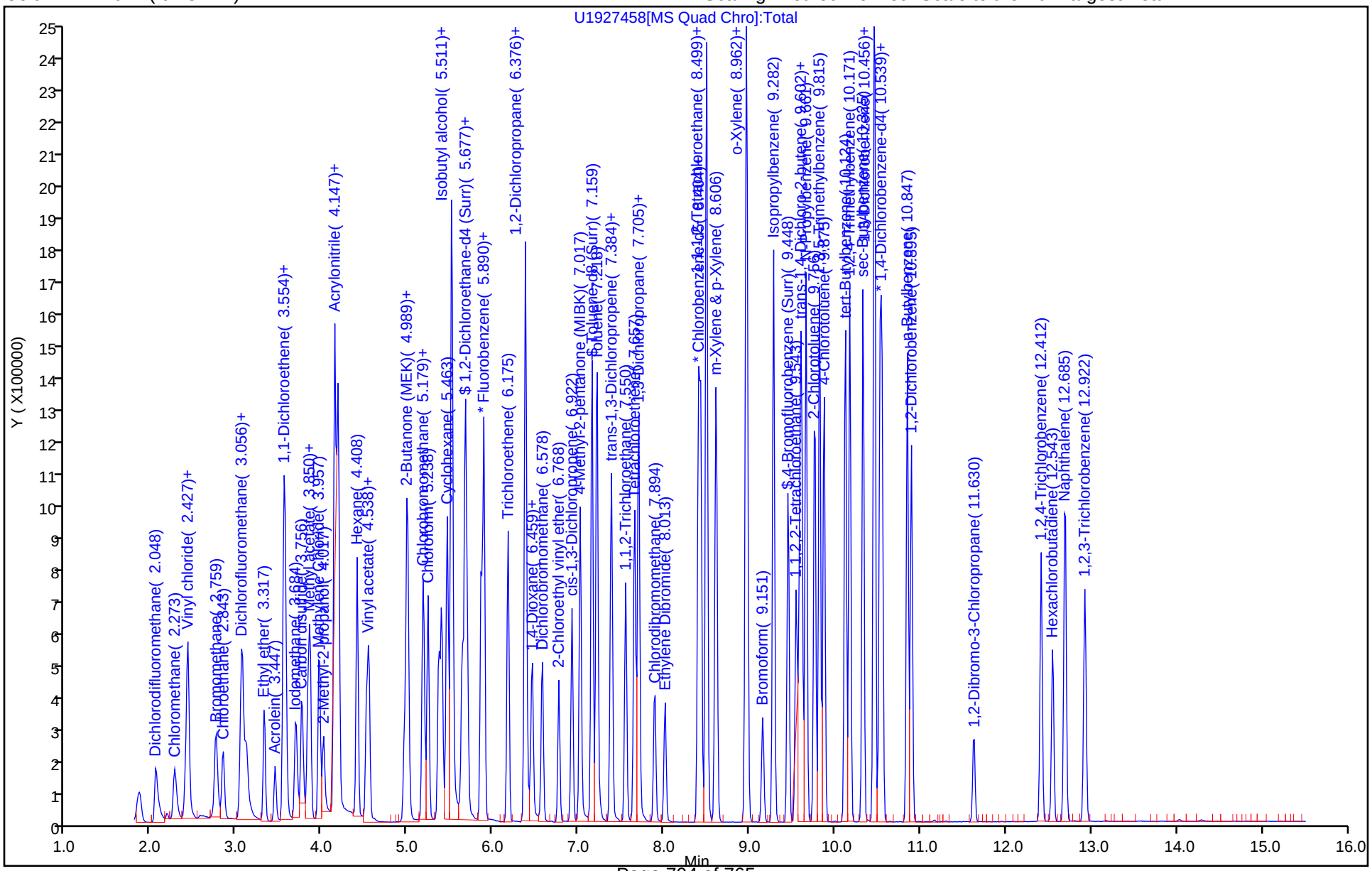
Report Date: 12-May-2022 11:57:28 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927458.D

Injection Date:	12-May-2022 10:39:40	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927458.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 12-May-2022 10:39:40 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118477-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 12-May-2022 09:41:33 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: laveyt Date: 12-May-2022 11:57:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	93.08
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.1	95.57
$ 6 Toluene-d8 (Surr)	20.0	20.9	104.58
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.8	108.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-526533/5

Matrix: Water | Lab File ID: u1290587.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 11:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.60
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.48
75-34-3	1,1-Dichloroethane	20.6		1.0	0.47
75-35-4	1,1-Dichloroethene	20.6		1.0	0.49
107-06-2	1,2-Dichloroethane	19.9		1.0	0.21
78-87-5	1,2-Dichloropropane	19.6		1.0	0.47
591-78-6	2-Hexanone	37.0		10	1.1
67-64-1	Acetone	31.0		10	5.4
71-43-2	Benzene	19.5		1.0	0.42
75-25-2	Bromoform	19.2		1.0	0.76
74-83-9	Bromomethane	17.5		1.0	0.42
75-15-0	Carbon disulfide	20.2		1.0	0.59
56-23-5	Carbon tetrachloride	21.6		1.0	0.26
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	17.4		1.0	0.83
67-66-3	Chloroform	20.7		1.0	0.47
74-87-3	Chloromethane	16.5		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.61
75-27-4	Dichlorobromomethane	19.0		1.0	0.17
100-41-4	Ethylbenzene	18.9		1.0	0.42
78-93-3	2-Butanone (MEK)	38.8		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	37.7		10	0.99
75-09-2	Methylene Chloride	22.6		5.0	2.6
100-42-5	Styrene	18.6		1.0	0.45
127-18-4	Tetrachloroethene	18.7		1.0	0.44
108-88-3	Toluene	18.5		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.67
79-01-6	Trichloroethene	18.5		1.0	0.44
75-01-4	Vinyl chloride	18.2		1.0	0.45
1330-20-7	Xylenes, Total	39.0		2.0	0.42
124-48-1	Chlorodibromomethane	19.2		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-526533/5

Matrix: Water | Lab File ID: u1290587.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 11:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		62-137
460-00-4	4-Bromofluorobenzene (Surr)	99		56-136
2037-26-5	Toluene-d8 (Surr)	99		78-122
1868-53-7	Dibromofluoromethane (Surr)	111		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290587.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-May-2022 11:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-005
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 09:25:29 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 11:26:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.971	5.971	0.000	99	894280	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	616347	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.597	0.001	96	344351	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	96	225354	20.0	22.2	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.710	0.001	96	244397	20.0	20.9	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	818015	20.0	19.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	304140	20.0	19.8	
9 Dichlorodifluoromethane	85	2.090	2.089	0.001	99	317358	20.0	18.9	
10 Chloromethane	50	2.315	2.314	0.001	99	333691	20.0	16.5	
12 Vinyl chloride	62	2.445	2.444	0.001	99	350430	20.0	18.2	
11 Butadiene	54	2.468	2.468	0.000	91	328988	20.0	15.9	
14 Bromomethane	94	2.800	2.799	0.001	91	216787	20.0	17.5	
15 Chloroethane	64	2.894	2.894	0.000	100	215746	20.0	17.4	
16 Dichlorofluoromethane	67	3.107	3.107	0.000	97	479949	20.0	17.5	
17 Trichlorofluoromethane	101	3.131	3.131	0.000	98	406151	20.0	19.0	
19 Ethyl ether	59	3.379	3.379	0.000	91	206724	20.0	22.2	
20 Acrolein	56	3.521	3.521	0.000	99	141699	100.0	134.4	
21 1,1-Dichloroethene	61	3.616	3.616	0.000	98	407292	20.0	20.6	
22 112TCTFE	101	3.616	3.616	0.000	91	259772	20.0	20.4	
23 Acetone	58	3.640	3.640	0.000	100	32642	40.0	31.0	
24 Iodomethane	142	3.758	3.758	0.000	98	383947	20.0	20.9	
25 Carbon disulfide	76	3.829	3.829	0.000	99	811173	20.0	20.2	
28 Methyl acetate	43	3.900	3.900	0.000	98	299046	40.0	47.1	
27 3-Chloro-1-propene	41	3.924	3.924	0.000	91	401686	20.0	23.5	
29 Methylene Chloride	49	4.030	4.030	0.000	91	318711	20.0	22.6	
30 2-Methyl-2-propanol	59	4.089	4.089	0.000	99	218857	200.0	268.4	
31 Acrylonitrile	53	4.220	4.219	0.001	98	772772	200.0	201.9	
33 Methyl tert-butyl ether	73	4.243	4.243	0.000	95	767814	20.0	22.6	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	381959	20.0	20.5	
34 Hexane	57	4.468	4.468	0.000	91	342338	20.0	18.4	
36 Vinyl acetate	43	4.586	4.586	0.000	97	399898	20.0	19.8	
35 1,1-Dichloroethane	63	4.622	4.610	0.012	96	458789	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	72	5.036	5.036	0.000	100	53468	40.0	38.8	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	84	287175	20.0	21.0	
40 2,2-Dichloropropane	77	5.072	5.071	0.001	90	313955	20.0	21.5	
46 Chlorobromomethane	49	5.249	5.249	0.000	97	191033	20.0	26.1	
47 Tetrahydrofuran	42	5.261	5.261	0.000	86	139950	40.0	34.8	
48 Chloroform	83	5.308	5.308	0.000	93	427211	20.0	20.7	
49 1,1,1-Trichloroethane	97	5.474	5.474	0.000	98	383977	20.0	20.2	
50 Cyclohexane	84	5.533	5.533	0.000	89	429612	20.0	19.8	
51 1,1-Dichloropropene	75	5.580	5.580	0.000	96	362584	20.0	19.4	
53 Isobutyl alcohol	41	5.592	5.592	0.000	68	203749	500.0	552.1	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	325972	20.0	21.6	
54 Benzene	78	5.746	5.746	0.000	96	992919	20.0	19.5	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	297966	20.0	19.9	
57 n-Heptane	57	5.924	5.923	0.001	92	153065	20.0	12.8	
59 Trichloroethene	130	6.243	6.243	0.000	98	252081	20.0	18.5	
61 Methylcyclohexane	83	6.444	6.444	0.000	92	427571	20.0	19.5	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	86	221071	20.0	19.6	
65 1,4-Dioxane	88	6.503	6.503	0.000	96	46765	400.0	611.8	
64 Dibromomethane	174	6.539	6.539	0.000	95	150457	20.0	19.9	
66 Dichlorobromomethane	83	6.657	6.657	0.000	99	277075	20.0	19.0	
68 2-Chloroethyl vinyl ether	63	6.847	6.846	0.001	93	130294	20.0	17.7	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	329564	20.0	18.1	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	97	471405	40.0	37.7	
71 Toluene	91	7.284	7.284	0.000	98	939916	20.0	18.5	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	97	299355	20.0	18.5	
74 Ethyl methacrylate	69	7.462	7.462	0.000	88	273812	20.0	19.1	
75 1,1,2-Trichloroethane	97	7.628	7.627	0.001	92	181959	20.0	19.8	
76 Tetrachloroethene	166	7.722	7.722	0.000	98	239514	20.0	18.7	
77 1,3-Dichloropropane	76	7.781	7.781	0.000	96	305580	20.0	18.3	
78 2-Hexanone	43	7.781	7.781	0.000	94	319783	40.0	37.0	
80 Chlorodibromomethane	129	7.971	7.970	0.001	91	183255	20.0	19.2	
81 Ethylene Dibromide	107	8.089	8.089	0.000	98	183025	20.0	19.1	
83 Chlorobenzene	112	8.503	8.503	0.000	94	577588	20.0	18.7	
84 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	44	208720	20.0	20.5	
85 Ethylbenzene	106	8.574	8.574	0.000	98	329013	20.0	18.9	
86 m-Xylene & p-Xylene	106	8.681	8.680	0.001	98	401910	20.0	18.9	
87 o-Xylene	106	9.036	9.035	0.001	97	407818	20.0	20.1	
88 Styrene	104	9.047	9.047	0.000	94	625687	20.0	18.6	
89 Bromoform	173	9.237	9.237	0.000	97	127014	20.0	19.2	
90 Isopropylbenzene	105	9.355	9.355	0.000	96	1049400	20.0	19.8	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	94	274526	20.0	19.8	
95 trans-1,4-Dichloro-2-butene	53	9.663	9.663	0.000	70	82356	20.0	17.8	
92 Bromobenzene	156	9.675	9.674	0.001	95	248672	20.0	18.2	
94 1,2,3-Trichloropropane	110	9.698	9.698	0.000	84	83700	20.0	19.0	
96 N-Propylbenzene	120	9.734	9.734	0.000	98	277653	20.0	18.4	
97 2-Chlorotoluene	126	9.840	9.840	0.000	97	240415	20.0	18.7	
98 1,3,5-Trimethylbenzene	105	9.888	9.887	0.001	94	848190	20.0	19.3	
99 4-Chlorotoluene	126	9.947	9.947	0.000	97	240187	20.0	17.8	
102 tert-Butylbenzene	119	10.195	10.195	0.000	93	703197	20.0	18.7	
104 1,2,4-Trimethylbenzene	105	10.243	10.242	0.001	96	861928	20.0	19.3	
105 sec-Butylbenzene	105	10.396	10.396	0.000	94	1009100	20.0	19.3	
107 4-Isopropyltoluene	119	10.538	10.538	0.000	97	875262	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 1,3-Dichlorobenzene	146	10.538	10.538	0.000	73	482670	20.0	18.5	
108 1,4-Dichlorobenzene	146	10.621	10.621	0.000	95	493187	20.0	18.5	
111 n-Butylbenzene	91	10.917	10.917	0.000	98	745646	20.0	19.3	
112 1,2-Dichlorobenzene	146	10.976	10.976	0.000	98	473280	20.0	19.6	
113 1,2-Dibromo-3-Chloropropane	157	11.710	11.710	0.000	86	63566	20.0	18.7	
115 1,2,4-Trichlorobenzene	180	12.479	12.479	0.000	94	305315	20.0	20.0	
116 Hexachlorobutadiene	225	12.609	12.609	0.000	97	123381	20.0	21.5	
117 Naphthalene	128	12.739	12.739	0.000	97	932466	20.0	19.6	
118 1,2,3-Trichlorobenzene	180	12.952	12.952	0.000	95	282419	20.0	19.6	
S 124 Trihalomethanes, Total	1				0		80.0	78.1	
S 125 Total BTEX	1				0		100.0	96.0	
S 128 Xylenes, Total	106				0		40.0	39.1	

QC Flag Legend

Processing Flags

Reagents:

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vmfasaw_00417	Amount Added:	16.00	Units: uL	
vmfasgw_00454	Amount Added:	16.00	Units: uL	
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

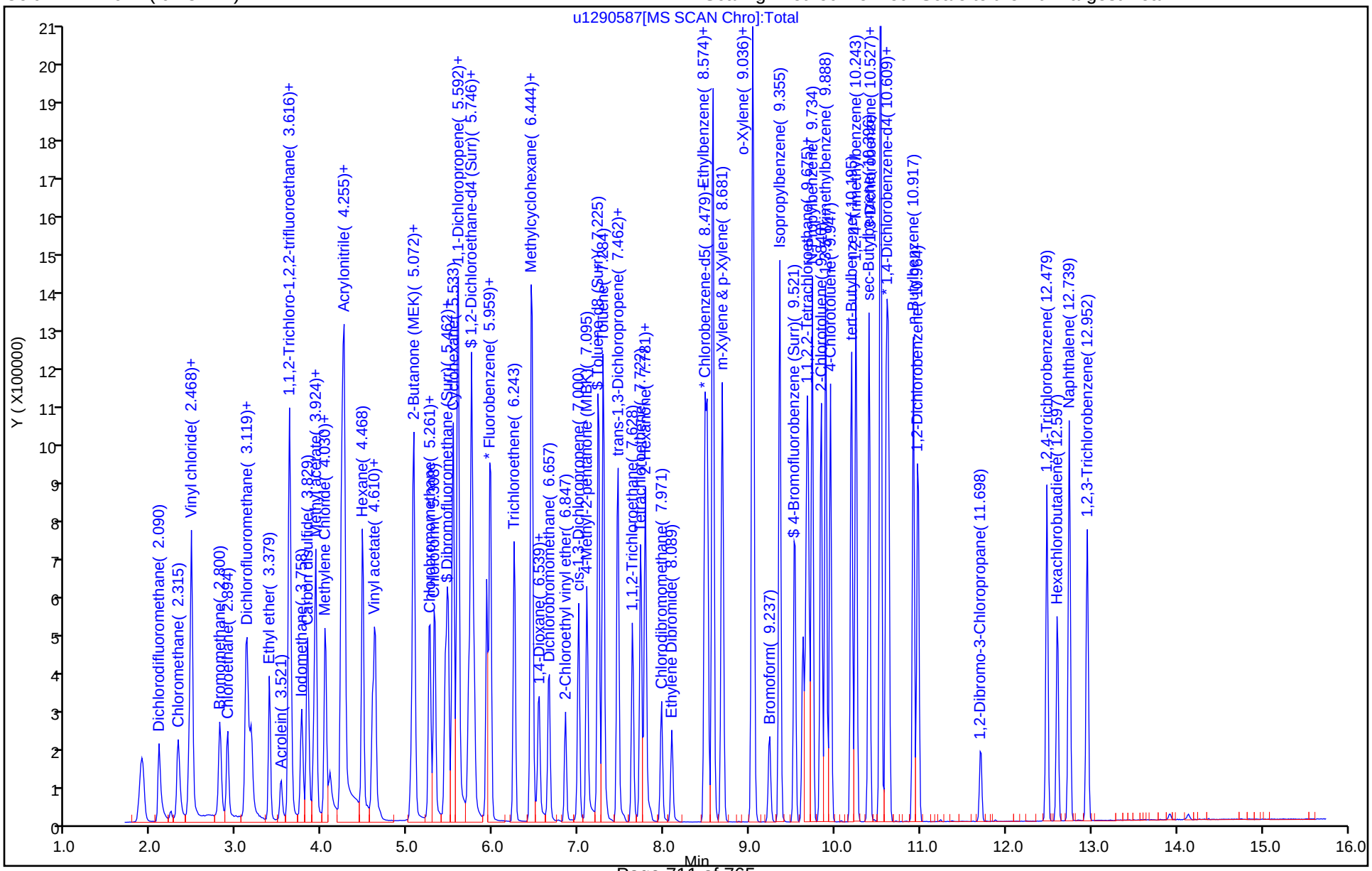
Report Date: 16-May-2022 11:26:38 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290587.D

Injection Date:	16-May-2022 11:08:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290587.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-May-2022 11:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-005
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 16-May-2022 09:25:29 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1658

First Level Reviewer: laveyt Date: 16-May-2022 11:26:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	22.2	110.88
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	20.9	104.72
$ 6 Toluene-d8 (Surr)	20.0	19.9	99.48
$ 7 4-Bromofluorobenzene (Surr)	20.0	19.8	99.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-526755/5

Matrix: Water | Lab File ID: U1927552.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2022 12:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	22.3		1.0	0.60
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.48
75-34-3	1,1-Dichloroethane	19.7		1.0	0.47
75-35-4	1,1-Dichloroethene	21.1		1.0	0.49
107-06-2	1,2-Dichloroethane	19.4		1.0	0.21
78-87-5	1,2-Dichloropropane	19.9		1.0	0.47
591-78-6	2-Hexanone	47.9		10	1.1
67-64-1	Acetone	38.5		10	5.4
71-43-2	Benzene	19.6		1.0	0.42
75-25-2	Bromoform	22.3		1.0	0.76
74-83-9	Bromomethane	15.4		1.0	0.42
75-15-0	Carbon disulfide	20.4		1.0	0.59
56-23-5	Carbon tetrachloride	21.2		1.0	0.26
108-90-7	Chlorobenzene	20.8		1.0	0.38
75-00-3	Chloroethane	15.3		1.0	0.83
67-66-3	Chloroform	19.3		1.0	0.47
74-87-3	Chloromethane	16.8		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	21.3		1.0	0.61
75-27-4	Dichlorobromomethane	20.2		1.0	0.17
100-41-4	Ethylbenzene	22.2		1.0	0.42
78-93-3	2-Butanone (MEK)	38.4		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	42.2		10	0.99
75-09-2	Methylene Chloride	19.5		5.0	2.6
100-42-5	Styrene	22.3		1.0	0.45
127-18-4	Tetrachloroethene	21.3		1.0	0.44
108-88-3	Toluene	21.0		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	22.9		1.0	0.67
79-01-6	Trichloroethene	19.6		1.0	0.44
75-01-4	Vinyl chloride	17.5		1.0	0.45
1330-20-7	Xylenes, Total	44.8		2.0	0.42
124-48-1	Chlorodibromomethane	22.2		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-526755/5

Matrix: Water Lab File ID: U1927552.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/17/2022 12:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526755 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
460-00-4	4-Bromofluorobenzene (Surr)	110		56-136
2037-26-5	Toluene-d8 (Surr)	106		78-122
1868-53-7	Dibromofluoromethane (Surr)	94		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927552.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-May-2022 12:09:27 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 11:11:32 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 13:25:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	811187	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	607959	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	307369	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.357	0.000	93	223899	20.0	18.9	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.641	0.000	99	262675	20.0	19.7	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	780385	20.0	21.1	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	298939	20.0	22.0	
9 Dichlorodifluoromethane	85	2.048	2.048	0.000	99	266530	20.0	19.5	
10 Chloromethane	50	2.273	2.273	0.000	99	225377	20.0	16.8	
12 Vinyl chloride	62	2.404	2.404	0.000	98	250698	20.0	17.5	
11 Butadiene	54	2.428	2.427	0.001	88	205036	20.0	15.2	
13 Bromomethane	94	2.760	2.760	0.000	92	212623	20.0	15.4	
15 Chloroethane	64	2.831	2.843	-0.012	100	167434	20.0	15.3	
16 Dichlorofluoromethane	67	3.056	3.056	0.000	97	423435	20.0	15.8	
17 Trichlorofluoromethane	101	3.068	3.080	-0.012	97	404555	20.0	16.9	
18 Ethyl ether	59	3.317	3.317	0.000	88	159499	20.0	19.5	
19 Acrolein	56	3.447	3.447	0.000	99	145625	100.0	92.6	
20 1,1-Dichloroethene	61	3.542	3.554	-0.012	99	317284	20.0	21.1	
21 112TCTFE	101	3.566	3.566	0.000	95	245063	20.0	20.1	
22 Acetone	43	3.566	3.566	0.000	99	165164	40.0	38.5	
24 Iodomethane	142	3.685	3.696	-0.011	99	359779	20.0	19.7	
25 Carbon disulfide	76	3.756	3.768	-0.012	99	544653	20.0	20.4	
28 Methyl acetate	43	3.827	3.827	0.000	96	367542	40.0	37.7	
27 3-Chloro-1-propene	41	3.851	3.851	0.000	85	250354	20.0	20.7	
29 Methylene Chloride	49	3.957	3.957	0.000	88	251560	20.0	19.5	
30 2-Methyl-2-propanol	59	4.017	4.017	0.000	98	285963	200.0	186.3	
31 Acrylonitrile	53	4.147	4.147	0.000	98	974751	200.0	191.5	
33 Methyl tert-butyl ether	73	4.171	4.183	-0.012	94	609561	20.0	20.5	
32 trans-1,2-Dichloroethene	61	4.183	4.194	-0.011	96	291445	20.0	20.0	
34 Hexane	57	4.408	4.408	0.000	90	283081	20.0	20.8	
36 Vinyl acetate	43	4.515	4.515	0.000	97	376119	20.0	22.9	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	354469	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	72	4.965	4.965	0.000	98	77915	40.0	38.4	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	243160	20.0	19.6	
42 2,2-Dichloropropane	77	5.001	5.001	0.000	89	261744	20.0	21.9	
46 Chlorobromomethane	49	5.179	5.179	0.000	87	164516	20.0	19.4	
47 Tetrahydrofuran	42	5.191	5.191	0.000	82	163183	40.0	41.3	
48 Chloroform	83	5.238	5.238	0.000	93	389418	20.0	19.3	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	362841	20.0	21.0	
50 Cyclohexane	84	5.463	5.463	0.000	87	344293	20.0	20.2	
53 Isobutyl alcohol	41	5.511	5.511	0.000	81	273250	500.0	495.0	
51 1,1-Dichloropropene	75	5.511	5.511	0.000	90	307210	20.0	20.9	
52 Carbon tetrachloride	117	5.523	5.523	0.000	97	319464	20.0	21.2	
54 Benzene	78	5.677	5.677	0.000	96	820658	20.0	19.6	
55 1,2-Dichloroethane	62	5.701	5.700	0.001	98	294977	20.0	19.4	
57 n-Heptane	57	5.855	5.855	0.000	86	146489	20.0	18.6	
59 Trichloroethene	130	6.175	6.175	0.000	97	237941	20.0	19.6	
61 Methylcyclohexane	83	6.377	6.376	0.000	90	368304	20.0	20.5	
62 1,2-Dichloropropane	63	6.377	6.376	0.000	93	190689	20.0	19.9	
65 1,4-Dioxane	88	6.424	6.424	0.000	89	67585	400.0	408.8	
64 Dibromomethane	174	6.460	6.459	0.001	95	150325	20.0	19.1	
66 Dichlorobromomethane	83	6.578	6.578	0.000	99	255777	20.0	20.2	
68 2-Chloroethyl vinyl ether	63	6.768	6.768	0.000	93	136298	20.0	20.9	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	96	285027	20.0	21.3	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	508281	40.0	42.2	
71 Toluene	91	7.218	7.218	0.000	98	889177	20.0	21.0	
72 trans-1,3-Dichloropropene	75	7.373	7.373	0.000	97	271035	20.0	22.9	
73 Ethyl methacrylate	69	7.384	7.384	0.000	88	278772	20.0	23.9	
74 1,1,2-Trichloroethane	97	7.551	7.550	0.000	93	191634	20.0	21.3	
75 Tetrachloroethene	166	7.657	7.657	0.000	96	242003	20.0	21.3	
76 1,3-Dichloropropane	76	7.693	7.693	0.000	94	322554	20.0	21.6	
77 2-Hexanone	43	7.705	7.705	0.000	90	390988	40.0	47.9	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	193323	20.0	22.2	
81 Ethylene Dibromide	107	8.013	8.013	0.000	98	204483	20.0	21.5	
83 Chlorobenzene	112	8.428	8.428	0.000	95	575087	20.0	20.8	
84 1,1,1,2-Tetrachloroethane	131	8.499	8.499	0.000	45	204024	20.0	21.1	
85 Ethylbenzene	106	8.499	8.499	0.000	98	315919	20.0	22.2	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	385496	20.0	22.3	
87 o-Xylene	106	8.962	8.962	0.000	97	373168	20.0	22.5	
88 Styrene	104	8.974	8.973	0.001	94	591383	20.0	22.3	
89 Bromoform	173	9.151	9.151	0.000	95	131244	20.0	22.3	
90 Isopropylbenzene	105	9.282	9.282	0.000	96	1001589	20.0	22.4	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	299297	20.0	22.3	
97 trans-1,4-Dichloro-2-butene	53	9.578	9.578	0.000	72	86568	20.0	25.1	
95 Bromobenzene	156	9.602	9.602	0.000	95	243036	20.0	21.7	
96 1,2,3-Trichloropropane	110	9.614	9.614	0.000	81	104180	20.0	21.3	
98 N-Propylbenzene	120	9.661	9.661	0.000	99	265713	20.0	23.3	
100 2-Chlorotoluene	126	9.768	9.768	0.000	96	226653	20.0	22.3	
101 1,3,5-Trimethylbenzene	105	9.816	9.815	0.001	94	805792	20.0	23.8	
102 4-Chlorotoluene	126	9.875	9.875	0.000	97	239875	20.0	22.6	
103 tert-Butylbenzene	119	10.124	10.124	0.000	93	696478	20.0	23.5	
105 1,2,4-Trimethylbenzene	105	10.171	10.171	0.000	96	804387	20.0	24.0	
106 sec-Butylbenzene	105	10.325	10.325	0.000	94	989137	20.0	23.4	
107 1,3-Dichlorobenzene	146	10.456	10.456	0.000	94	447797	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
108 4-Isopropyltoluene	119	10.468	10.468	0.000	97	824744	20.0	23.9	
109 1,4-Dichlorobenzene	146	10.551	10.551	0.000	94	456130	20.0	21.2	
112 n-Butylbenzene	91	10.847	10.847	0.000	98	685225	20.0	23.0	
113 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	418233	20.0	21.4	
114 1,2-Dibromo-3-Chloropropane	157	11.630	11.630	0.000	84	65898	20.0	21.8	
116 1,2,4-Trichlorobenzene	180	12.413	12.412	0.001	93	227913	20.0	21.6	
117 Hexachlorobutadiene	225	12.543	12.543	0.000	97	88530	20.0	23.8	
118 Naphthalene	128	12.697	12.697	0.000	97	788185	20.0	23.6	
119 1,2,3-Trichlorobenzene	180	12.922	12.922	0.000	95	218796	20.0	21.4	
S 125 Trihalomethanes, Total	1				0		80.0	84.0	
S 124 Total BTEX	1				0		100.0	107.5	
S 128 Xylenes, Total	106				0		40.0	44.8	

QC Flag Legend

Processing Flags

Reagents:

vmfasaw_00417	Amount Added:	16.00	Units: uL	
vmfaspw_00444	Amount Added:	16.00	Units: uL	
vmfasgw_00454	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

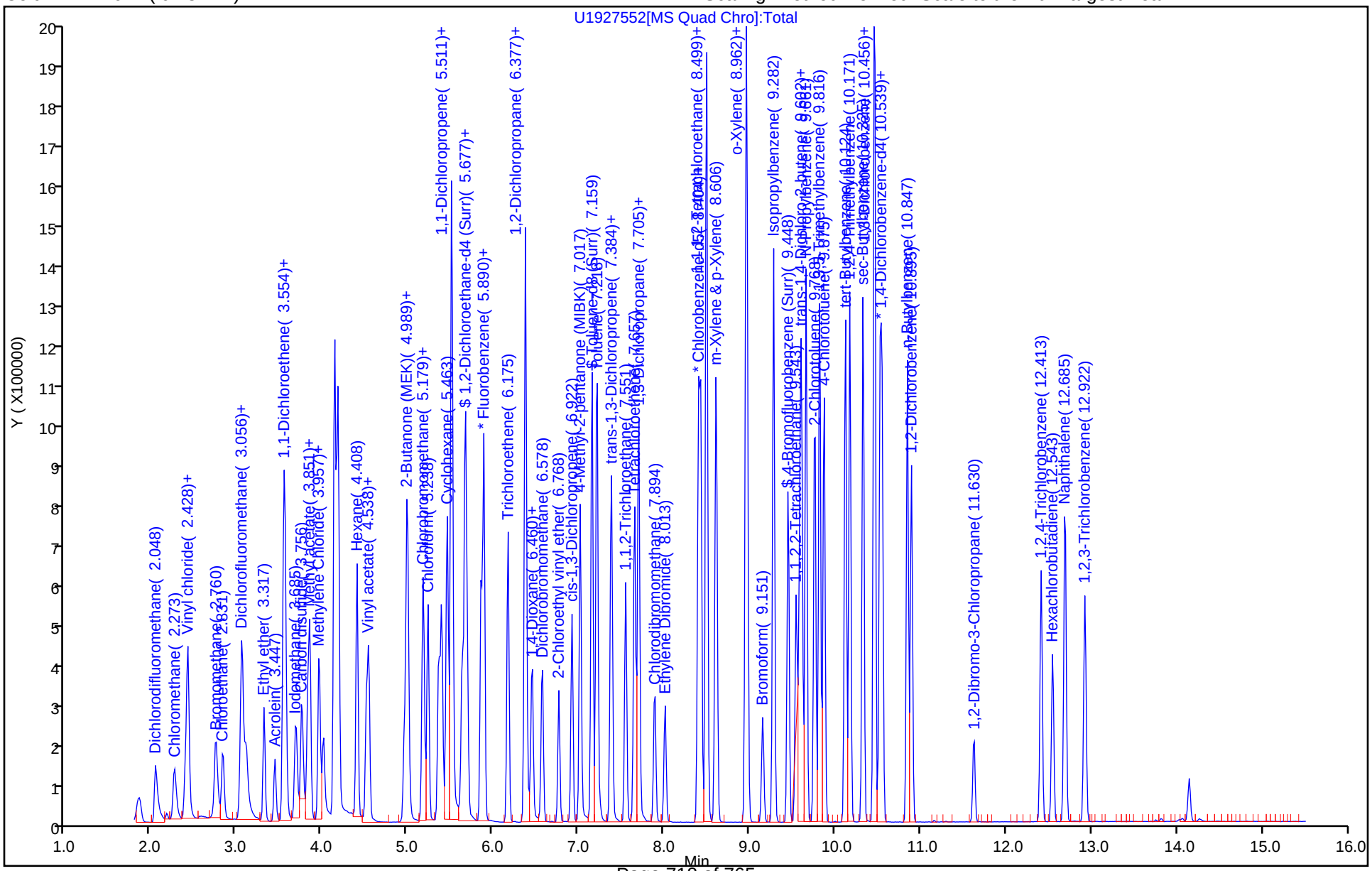
Report Date: 17-May-2022 13:25:18 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927552.D

Injection Date:	17-May-2022 12:09:27	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\U1927552.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-May-2022 12:09:27 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118613-005
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220517-118613.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 11:11:32 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 13:25:17

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.9	94.34
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.7	98.47
$ 6 Toluene-d8 (Surr)	20.0	21.1	105.55
$ 7 4-Bromofluorobenzene (Surr)	20.0	22.0	110.00

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 MS | Lab Sample ID: 240-166223-17 MS

Matrix: Water | Lab File ID: U1927482.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 19:37

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	716		40	19
79-34-5	1,1,2,2-Tetrachloroethane	863		40	24
79-00-5	1,1,2-Trichloroethane	841		40	19
75-34-3	1,1-Dichloroethane	741		40	19
75-35-4	1,1-Dichloroethene	730		40	20
107-06-2	1,2-Dichloroethane	750		40	8.4
78-87-5	1,2-Dichloropropane	738		40	19
591-78-6	2-Hexanone	1840		400	44
67-64-1	Acetone	1510		400	220
71-43-2	Benzene	729		40	17
75-25-2	Bromoform	816		40	30
74-83-9	Bromomethane	605		40	17
75-15-0	Carbon disulfide	650		40	24
56-23-5	Carbon tetrachloride	717		40	10
108-90-7	Chlorobenzene	770		40	15
75-00-3	Chloroethane	603		40	33
67-66-3	Chloroform	735		40	19
74-87-3	Chloromethane	632		40	25
156-59-2	cis-1,2-Dichloroethene	719		40	18
10061-01-5	cis-1,3-Dichloropropene	723		40	24
75-27-4	Dichlorobromomethane	741		40	6.8
100-41-4	Ethylbenzene	788		40	17
78-93-3	2-Butanone (MEK)	1460		400	46
108-10-1	4-Methyl-2-pentanone (MIBK)	1580		400	40
75-09-2	Methylene Chloride	749		200	100
100-42-5	Styrene	822		40	18
127-18-4	Tetrachloroethene	763		40	18
108-88-3	Toluene	775		40	18
156-60-5	trans-1,2-Dichloroethene	731		40	20
10061-02-6	trans-1,3-Dichloropropene	809		40	27
79-01-6	Trichloroethene	695		40	18
75-01-4	Vinyl chloride	1310		40	18
1330-20-7	Xylenes, Total	1600		80	17
124-48-1	Chlorodibromomethane	816		40	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 MS | Lab Sample ID: 240-166223-17 MS

Matrix: Water | Lab File ID: U1927482.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 19:37

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		62-137
460-00-4	4-Bromofluorobenzene (Surr)	107		56-136
2037-26-5	Toluene-d8 (Surr)	105		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927482.D
Lims ID: 240-166223-B-17 MS
Client ID:
Sample Type: MS
Inject. Date: 12-May-2022 19:37:53 ALS Bottle#: 0 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-029
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:52:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	989438	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	92	728624	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	95	376603	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.000	93	268692	0.5000	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.629	5.629	0.000	99	314162	0.5000	19.3	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	926752	0.5000	20.9	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	89	348069	0.5000	21.4	
10 Chloromethane	50	2.261	2.261	0.000	99	258030	0.5000	15.8	
12 Vinyl chloride	62	2.392	2.392	0.000	98	573109	0.5000	32.8	
13 Bromomethane	94	2.748	2.748	0.000	92	254288	0.5000	15.1	
15 Chloroethane	64	2.831	2.831	0.000	100	200746	0.5000	15.1	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	99	335414	0.5000	18.3	
22 Acetone	43	3.566	3.554	0.012	100	197953	1.00	37.8	
25 Carbon disulfide	76	3.756	3.756	0.000	99	530546	0.5000	16.3	
29 Methylene Chloride	49	3.957	3.957	0.000	89	295525	0.5000	18.7	
32 trans-1,2-Dichloroethene	61	4.183	4.182	0.000	97	325338	0.5000	18.3	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	405853	0.5000	18.5	
40 2-Butanone (MEK)	72	4.953	4.953	0.000	99	90319	1.00	36.5	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	272563	0.5000	18.0	
48 Chloroform	83	5.238	5.238	0.000	93	451190	0.5000	18.4	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	376442	0.5000	17.9	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	329041	0.5000	17.9	
54 Benzene	78	5.677	5.665	0.012	97	931981	0.5000	18.2	
55 1,2-Dichloroethane	62	5.700	5.689	0.012	98	347293	0.5000	18.7	
59 Trichloroethene	130	6.175	6.175	0.000	98	257443	0.5000	17.4	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	94	215631	0.5000	18.5	
66 Dichlorobromomethane	83	6.578	6.566	0.012	99	286792	0.5000	18.5	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	295674	0.5000	18.1	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	581014	1.00	39.6	
71 Toluene	91	7.218	7.218	0.000	98	982996	0.5000	19.4	
72 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	97	286333	0.5000	20.2	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	227007	0.5000	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	96	260074	0.5000	19.1	
77 2-Hexanone	43	7.705	7.704	0.001	90	449432	1.00	46.0	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	212721	0.5000	20.4	
83 Chlorobenzene	112	8.428	8.428	0.000	96	639083	0.5000	19.2	
85 Ethylbenzene	106	8.499	8.499	0.000	98	336636	0.5000	19.7	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	414798	0.5000	20.0	
87 o-Xylene	106	8.962	8.961	0.001	96	398468	0.5000	20.0	
88 Styrene	104	8.973	8.973	0.000	93	653236	0.5000	20.6	
89 Bromoform	173	9.151	9.151	0.000	94	143951	0.5000	20.4	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	355213	0.5000	21.6	
S 128 Xylenes, Total	106				0		1.00	40.0	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added:	16.00	Units: uL	
vmfasaw_00416	Amount Added:	16.00	Units: uL	
vmfaspw_00443	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

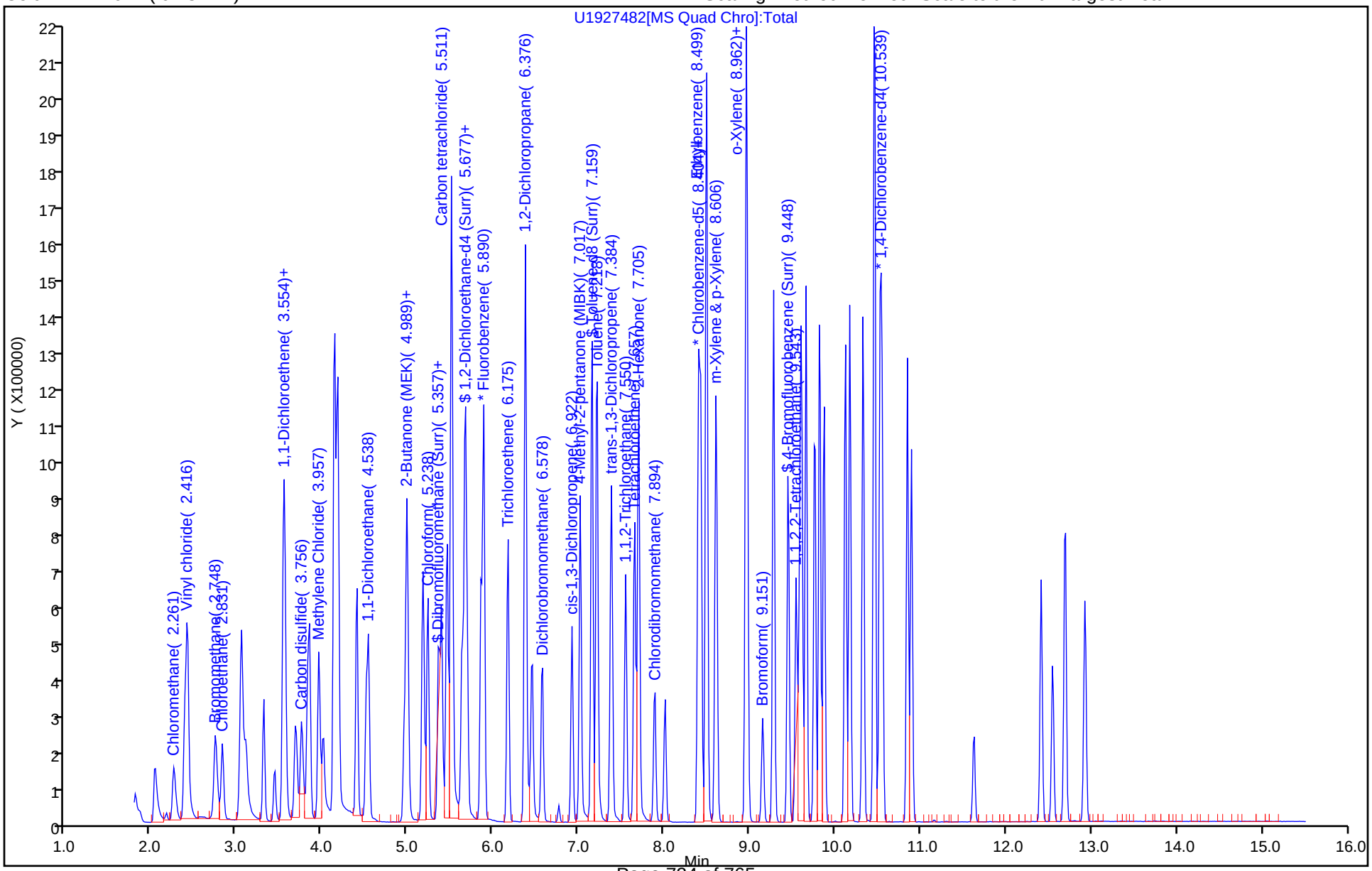
Report Date: 13-May-2022 08:52:02 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927482.D

Injection Date:	12-May-2022 19:37:53	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-17 MS			Worklist Smp#:	29
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	40.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927482.D
Lims ID: 240-166223-B-17 MS
Client ID:
Sample Type: MS
Inject. Date: 12-May-2022 19:37:53 ALS Bottle#: 0 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-029
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:52:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	3712.72
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.3	3862.16
$ 6 Toluene-d8 (Surr)	20.0	20.9	4183.56
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.4	4274.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 MS | Lab Sample ID: 240-166223-22 MS

Matrix: Water | Lab File ID: u1290614.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 21:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.60
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.48
75-34-3	1,1-Dichloroethane	20.3		1.0	0.47
75-35-4	1,1-Dichloroethene	20.4		1.0	0.49
107-06-2	1,2-Dichloroethane	20.3		1.0	0.21
78-87-5	1,2-Dichloropropane	19.6		1.0	0.47
591-78-6	2-Hexanone	37.9		10	1.1
67-64-1	Acetone	31.0		10	5.4
71-43-2	Benzene	19.3		1.0	0.42
75-25-2	Bromoform	17.4		1.0	0.76
74-83-9	Bromomethane	17.6		1.0	0.42
75-15-0	Carbon disulfide	19.5		1.0	0.59
56-23-5	Carbon tetrachloride	20.1		1.0	0.26
108-90-7	Chlorobenzene	18.3		1.0	0.38
75-00-3	Chloroethane	17.8		1.0	0.83
67-66-3	Chloroform	20.7		1.0	0.47
74-87-3	Chloromethane	16.8		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.61
75-27-4	Dichlorobromomethane	19.1		1.0	0.17
100-41-4	Ethylbenzene	18.5		1.0	0.42
78-93-3	2-Butanone (MEK)	44.7		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	38.6		10	0.99
75-09-2	Methylene Chloride	22.2		5.0	2.6
100-42-5	Styrene	18.0		1.0	0.45
127-18-4	Tetrachloroethene	18.2		1.0	0.44
108-88-3	Toluene	18.6		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.67
79-01-6	Trichloroethene	18.1		1.0	0.44
75-01-4	Vinyl chloride	18.2		1.0	0.45
1330-20-7	Xylenes, Total	37.8		2.0	0.42
124-48-1	Chlorodibromomethane	18.4		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 MS | Lab Sample ID: 240-166223-22 MS

Matrix: Water | Lab File ID: u1290614.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 21:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		62-137
460-00-4	4-Bromofluorobenzene (Surr)	91		56-136
2037-26-5	Toluene-d8 (Surr)	97		78-122
1868-53-7	Dibromofluoromethane (Surr)	104		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290614.D
Lims ID: 240-166223-E-22 MS
Client ID: GW-050522-SS-044
Sample Type: MS
Inject. Date: 16-May-2022 21:08:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-032
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	833204	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	87	585398	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.597	0.001	95	317861	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	94	197285	20.0	20.8	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.710	0.001	95	228867	20.0	21.1	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	94	756259	20.0	19.4	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	265540	20.0	18.2	
10 Chloromethane	50	2.303	2.314	-0.011	99	314984	20.0	16.8	
12 Vinyl chloride	62	2.433	2.444	-0.011	98	325414	20.0	18.2	
14 Bromomethane	94	2.800	2.799	0.001	91	203388	20.0	17.6	
15 Chloroethane	64	2.883	2.894	-0.011	100	204718	20.0	17.8	
21 1,1-Dichloroethene	61	3.604	3.616	-0.012	98	375943	20.0	20.4	
23 Acetone	58	3.628	3.640	-0.012	100	30377	40.0	31.0	
25 Carbon disulfide	76	3.829	3.829	0.000	99	729375	20.0	19.5	
29 Methylene Chloride	49	4.030	4.030	0.000	92	292191	20.0	22.2	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	352302	20.0	20.3	
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	420845	20.0	20.3	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	100	57424	40.0	44.7	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	84	248614	20.0	19.5	
48 Chloroform	83	5.308	5.308	0.000	94	397836	20.0	20.7	
49 1,1,1-Trichloroethane	97	5.462	5.474	-0.012	99	347745	20.0	19.7	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	282166	20.0	20.1	
54 Benzene	78	5.746	5.746	0.000	97	916766	20.0	19.3	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	284337	20.0	20.3	
59 Trichloroethene	130	6.243	6.243	0.000	98	229821	20.0	18.1	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	95	205947	20.0	19.6	
66 Dichlorobromomethane	83	6.645	6.657	-0.012	99	258327	20.0	19.1	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	94	299611	20.0	17.6	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	97	449806	40.0	38.6	
71 Toluene	91	7.284	7.284	0.000	98	897017	20.0	18.6	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	274352	20.0	17.8	
75 1,1,2-Trichloroethane	97	7.628	7.627	0.001	91	171890	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
76 Tetrachloroethene	166	7.722	7.722	0.000	97	221379	20.0	18.2	
78 2-Hexanone	43	7.781	7.781	0.000	96	310681	40.0	37.9	
80 Chlorodibromomethane	129	7.971	7.970	0.001	91	166738	20.0	18.4	
83 Chlorobenzene	112	8.503	8.503	0.000	95	538842	20.0	18.3	
85 Ethylbenzene	106	8.574	8.574	0.000	98	305822	20.0	18.5	
86 m-Xylene & p-Xylene	106	8.681	8.680	0.001	98	373224	20.0	18.5	
87 o-Xylene	106	9.036	9.035	0.001	96	372199	20.0	19.3	
88 Styrene	104	9.047	9.047	0.000	94	573574	20.0	18.0	
89 Bromoform	173	9.237	9.237	0.000	97	109222	20.0	17.4	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	259621	20.0	20.3	
S 128 Xylenes, Total	106				0		40.0	37.9	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00454	Amount Added:	16.00	Units: uL	
vmfasaw_00417	Amount Added:	16.00	Units: uL	
vmfaspw_00443	Amount Added:	16.00	Units: uL	
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

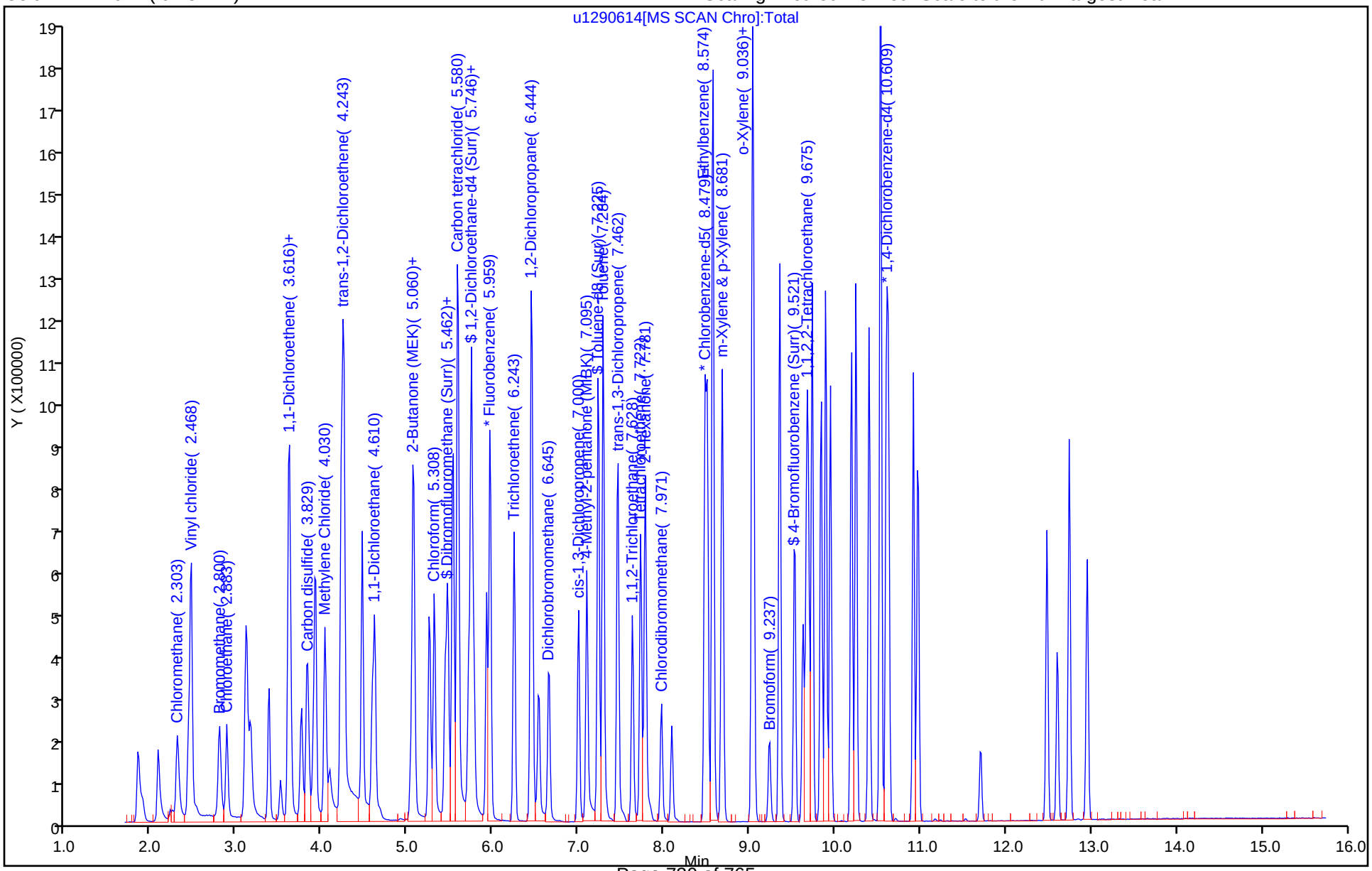
Report Date: 17-May-2022 08:27:41 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290614.D

Injection Date:	16-May-2022 21:08:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	240-166223-E-22 MS			Worklist Smp#:	32
Client ID:	GW-050522-SS-044				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290614.D
Lims ID: 240-166223-E-22 MS
Client ID: GW-050522-SS-044
Sample Type: MS
Inject. Date: 16-May-2022 21:08:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-032
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	20.8	104.18
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	21.1	105.25
$ 6 Toluene-d8 (Surr)	20.0	19.4	96.83
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.2	91.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 MSD | Lab Sample ID: 240-166223-17 MSD

Matrix: Water | Lab File ID: U1927483.D

Analysis Method: 8260D | Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/12/2022 20:00

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	746		40	19
79-34-5	1,1,2,2-Tetrachloroethane	862		40	24
79-00-5	1,1,2-Trichloroethane	845		40	19
75-34-3	1,1-Dichloroethane	754		40	19
75-35-4	1,1-Dichloroethene	769		40	20
107-06-2	1,2-Dichloroethane	752		40	8.4
78-87-5	1,2-Dichloropropane	762		40	19
591-78-6	2-Hexanone	1860		400	44
67-64-1	Acetone	1550		400	220
71-43-2	Benzene	753		40	17
75-25-2	Bromoform	848		40	30
74-83-9	Bromomethane	615		40	17
75-15-0	Carbon disulfide	702		40	24
56-23-5	Carbon tetrachloride	748		40	10
108-90-7	Chlorobenzene	797		40	15
75-00-3	Chloroethane	619		40	33
67-66-3	Chloroform	747		40	19
74-87-3	Chloromethane	649		40	25
156-59-2	cis-1,2-Dichloroethene	740		40	18
10061-01-5	cis-1,3-Dichloropropene	748		40	24
75-27-4	Dichlorobromomethane	767		40	6.8
100-41-4	Ethylbenzene	815		40	17
78-93-3	2-Butanone (MEK)	1490		400	46
108-10-1	4-Methyl-2-pentanone (MIBK)	1600		400	40
75-09-2	Methylene Chloride	757		200	100
100-42-5	Styrene	845		40	18
127-18-4	Tetrachloroethene	785		40	18
108-88-3	Toluene	810		40	18
156-60-5	trans-1,2-Dichloroethene	746		40	20
10061-02-6	trans-1,3-Dichloropropene	828		40	27
79-01-6	Trichloroethene	728		40	18
75-01-4	Vinyl chloride	1360		40	18
1330-20-7	Xylenes, Total	1660		80	17
124-48-1	Chlorodibromomethane	835		40	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-040 MSD Lab Sample ID: 240-166223-17 MSD

Matrix: Water Lab File ID: U1927483.D

Analysis Method: 8260D Date Collected: 05/05/2022 10:40

Sample wt/vol: 5(mL) Date Analyzed: 05/12/2022 20:00

Soil Aliquot Vol: Dilution Factor: 40

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526140 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
460-00-4	4-Bromofluorobenzene (Surr)	105		56-136
2037-26-5	Toluene-d8 (Surr)	104		78-122
1868-53-7	Dibromofluoromethane (Surr)	93		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927483.D
Lims ID: 240-166223-B-17 MSD
Client ID:
Sample Type: MSD
Inject. Date: 12-May-2022 20:00:24 ALS Bottle#: 0 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-030
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:52:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.890	5.890	0.000	99	988417	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.404	8.404	0.000	85	728918	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.527	10.527	0.000	96	377619	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.357	5.356	0.001	93	268252	0.5000	18.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.641	5.629	0.012	100	310361	0.5000	19.1	
$ 6 Toluene-d8 (Surr)	98	7.159	7.159	0.000	94	921549	0.5000	20.8	
$ 7 4-Bromofluorobenzene (Surr)	95	9.448	9.448	0.000	90	342978	0.5000	21.1	
10 Chloromethane	50	2.261	2.261	0.000	99	264586	0.5000	16.2	
12 Vinyl chloride	62	2.392	2.392	0.000	98	594863	0.5000	34.1	
13 Bromomethane	94	2.748	2.748	0.000	92	258073	0.5000	15.4	
15 Chloroethane	64	2.831	2.831	0.000	100	205759	0.5000	15.5	
20 1,1-Dichloroethene	61	3.542	3.542	0.000	98	352879	0.5000	19.2	
22 Acetone	43	3.566	3.554	0.012	100	202898	1.00	38.9	
25 Carbon disulfide	76	3.768	3.756	0.012	99	571666	0.5000	17.5	
29 Methylene Chloride	49	3.957	3.957	0.000	88	298213	0.5000	18.9	
32 trans-1,2-Dichloroethene	61	4.183	4.182	0.001	96	331988	0.5000	18.7	
35 1,1-Dichloroethane	63	4.538	4.538	0.000	96	412618	0.5000	18.9	
40 2-Butanone (MEK)	72	4.965	4.953	0.012	98	92008	1.00	37.2	
41 cis-1,2-Dichloroethene	96	4.989	4.989	0.000	81	280218	0.5000	18.5	
48 Chloroform	83	5.238	5.238	0.000	93	458279	0.5000	18.7	
49 1,1,1-Trichloroethane	97	5.392	5.392	0.000	98	391778	0.5000	18.6	
52 Carbon tetrachloride	117	5.523	5.522	0.001	96	343195	0.5000	18.7	
54 Benzene	78	5.677	5.665	0.012	96	962252	0.5000	18.8	
55 1,2-Dichloroethane	62	5.700	5.689	0.012	98	347715	0.5000	18.8	
59 Trichloroethene	130	6.175	6.175	0.000	97	269302	0.5000	18.2	
62 1,2-Dichloropropane	63	6.376	6.376	0.000	93	222436	0.5000	19.1	
66 Dichlorobromomethane	83	6.578	6.566	0.012	98	296576	0.5000	19.2	
69 cis-1,3-Dichloropropene	75	6.922	6.922	0.000	95	305522	0.5000	18.7	
70 4-Methyl-2-pentanone (MIBK)	43	7.017	7.017	0.000	95	586506	1.00	40.0	
71 Toluene	91	7.218	7.218	0.000	98	1027488	0.5000	20.3	
72 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	96	293496	0.5000	20.7	
74 1,1,2-Trichloroethane	97	7.550	7.550	0.000	92	228156	0.5000	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
75 Tetrachloroethene	166	7.657	7.657	0.000	95	267560	0.5000	19.6	
77 2-Hexanone	43	7.705	7.704	0.001	94	453699	1.00	46.4	
79 Chlorodibromomethane	129	7.894	7.894	0.000	89	217532	0.5000	20.9	
83 Chlorobenzene	112	8.428	8.428	0.000	95	661797	0.5000	19.9	
85 Ethylbenzene	106	8.499	8.499	0.000	98	348272	0.5000	20.4	
86 m-Xylene & p-Xylene	106	8.606	8.606	0.000	100	425079	0.5000	20.5	
87 o-Xylene	106	8.962	8.961	0.001	96	415526	0.5000	20.9	
88 Styrene	104	8.973	8.973	0.000	93	671351	0.5000	21.1	
89 Bromoform	173	9.151	9.151	0.000	95	149726	0.5000	21.2	
93 1,1,2,2-Tetrachloroethane	83	9.543	9.543	0.000	96	355693	0.5000	21.6	
S 128 Xylenes, Total	106				0		1.00	41.4	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00453	Amount Added:	16.00	Units: uL	
vmfasaw_00416	Amount Added:	16.00	Units: uL	
vmfaspw_00443	Amount Added:	16.00	Units: uL	
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vmDist_H2o_00209	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent

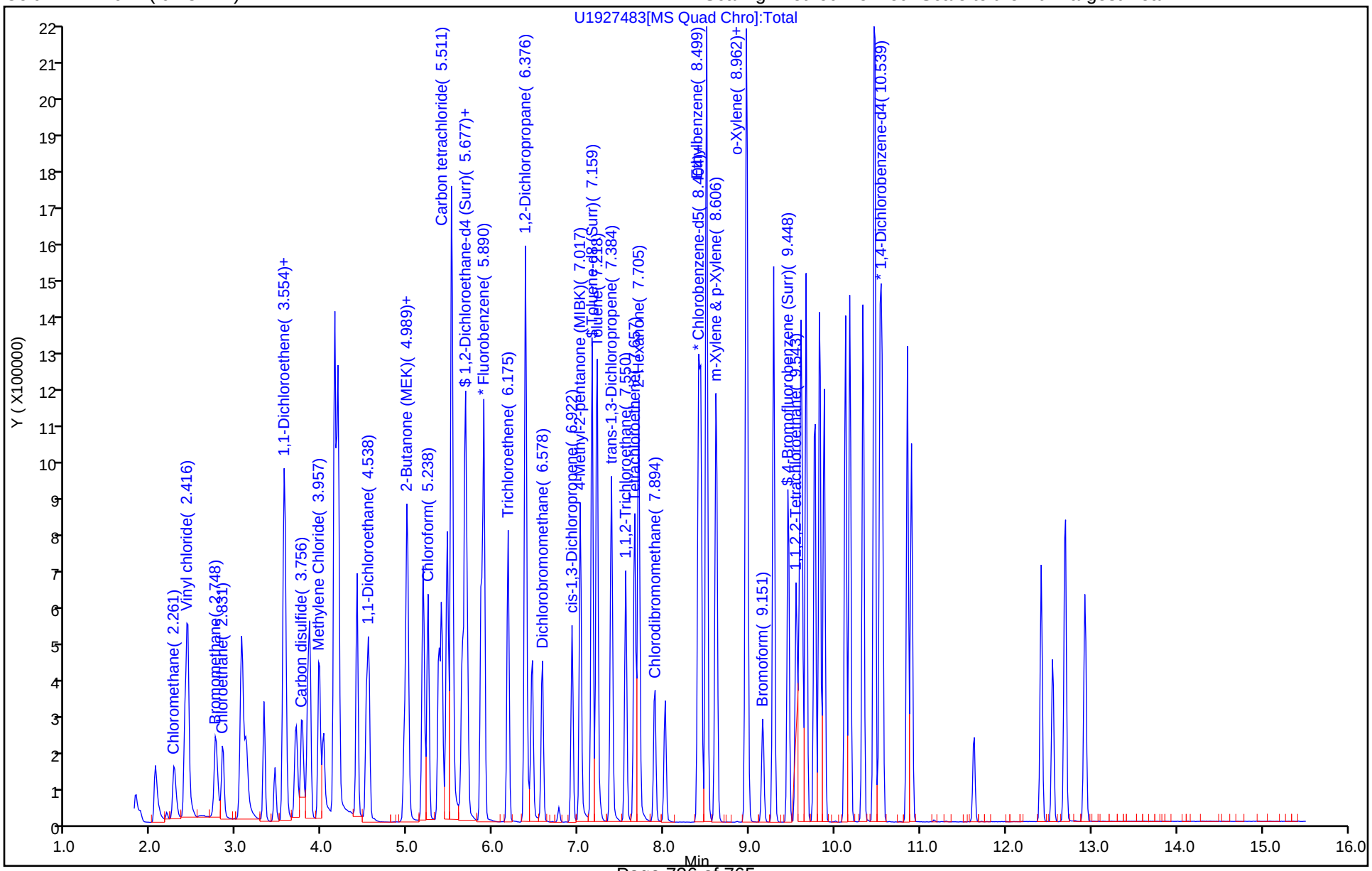
Report Date: 13-May-2022 08:52:08 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927483.D

Injection Date:	12-May-2022 20:00:24	Instrument ID:	A3UX19	Operator ID:	001904
Lims ID:	240-166223-B-17 MSD			Worklist Smp#:	30
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	40.0000	ALS Bottle#:	0
Method:	8260_19	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\U1927483.D
Lims ID: 240-166223-B-17 MSD
Client ID:
Sample Type: MSD
Inject. Date: 12-May-2022 20:00:24 ALS Bottle#: 0 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 40.0000
Sample Info: 240-0118477-030
Operator ID: 001904 Instrument ID: A3UX19

Method: \\chromfs\Canton\ChromData\A3UX19\20220512-118477.b\8260_19.m
Limit Group: MSV 8260C ICAL
Last Update: 13-May-2022 08:50:35 Calib Date: 29-Apr-2022 17:55:01
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX19\20220429-118096.b\U1927206.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: laveyt Date: 13-May-2022 08:52:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	18.6	3710.47
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	19.1	3819.37
$ 6 Toluene-d8 (Surr)	20.0	20.8	4158.40
$ 7 4-Bromofluorobenzene (Surr)	20.0	21.1	4210.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 MSD | Lab Sample ID: 240-166223-22 MSD

Matrix: Water | Lab File ID: u1290615.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 21:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.60
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.48
75-34-3	1,1-Dichloroethane	20.9		1.0	0.47
75-35-4	1,1-Dichloroethene	20.7		1.0	0.49
107-06-2	1,2-Dichloroethane	21.5		1.0	0.21
78-87-5	1,2-Dichloropropane	19.6		1.0	0.47
591-78-6	2-Hexanone	39.0		10	1.1
67-64-1	Acetone	35.8		10	5.4
71-43-2	Benzene	19.8		1.0	0.42
75-25-2	Bromoform	18.6		1.0	0.76
74-83-9	Bromomethane	17.3		1.0	0.42
75-15-0	Carbon disulfide	20.1		1.0	0.59
56-23-5	Carbon tetrachloride	21.0		1.0	0.26
108-90-7	Chlorobenzene	18.4		1.0	0.38
75-00-3	Chloroethane	17.6		1.0	0.83
67-66-3	Chloroform	21.3		1.0	0.47
74-87-3	Chloromethane	16.7		1.0	0.63
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	17.9		1.0	0.61
75-27-4	Dichlorobromomethane	19.3		1.0	0.17
100-41-4	Ethylbenzene	19.0		1.0	0.42
78-93-3	2-Butanone (MEK)	40.6		10	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	41.0		10	0.99
75-09-2	Methylene Chloride	23.7		5.0	2.6
100-42-5	Styrene	18.5		1.0	0.45
127-18-4	Tetrachloroethene	18.4		1.0	0.44
108-88-3	Toluene	18.6		1.0	0.44
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	18.2		1.0	0.67
79-01-6	Trichloroethene	18.4		1.0	0.44
75-01-4	Vinyl chloride	17.7		1.0	0.45
1330-20-7	Xylenes, Total	38.9		2.0	0.42
124-48-1	Chlorodibromomethane	19.2		1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton | Job No.: 240-166223-1

SDG No.:

Client Sample ID: GW-050522-SS-044 MSD | Lab Sample ID: 240-166223-22 MSD

Matrix: Water | Lab File ID: u1290615.D

Analysis Method: 8260D | Date Collected: 05/05/2022 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2022 21:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

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

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

Analysis Batch No.: 526533 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		62-137
460-00-4	4-Bromofluorobenzene (Surr)	90		56-136
2037-26-5	Toluene-d8 (Surr)	95		78-122
1868-53-7	Dibromofluoromethane (Surr)	112		73-120

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290615.D
Lims ID: 240-166223-H-22 MSD
Client ID: GW-050522-SS-044
Sample Type: MSD
Inject. Date: 16-May-2022 21:30:30 ALS Bottle#: 32 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-033
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.959	5.971	-0.012	99	844008	20.0	20.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	86	588914	20.0	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.598	10.597	0.001	95	326124	20.0	20.0	
$ 4 Dibromofluoromethane (Surr)	111	5.438	5.438	0.000	93	214792	20.0	22.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.711	5.710	0.001	95	241640	20.0	21.9	
$ 6 Toluene-d8 (Surr)	98	7.225	7.225	0.000	93	748255	20.0	19.0	
$ 7 4-Bromofluorobenzene (Surr)	95	9.521	9.521	0.000	90	263938	20.0	18.0	
10 Chloromethane	50	2.303	2.314	-0.011	99	318696	20.0	16.7	
12 Vinyl chloride	62	2.433	2.444	-0.011	98	321850	20.0	17.7	
14 Bromomethane	94	2.788	2.799	-0.011	90	201923	20.0	17.3	
15 Chloroethane	64	2.883	2.894	-0.012	100	205989	20.0	17.6	
21 1,1-Dichloroethene	61	3.604	3.616	-0.012	98	385746	20.0	20.7	
23 Acetone	58	3.628	3.640	-0.012	100	34936	40.0	35.8	
25 Carbon disulfide	76	3.817	3.829	-0.012	99	763927	20.0	20.1	
29 Methylene Chloride	49	4.030	4.030	0.000	92	314460	20.0	23.7	
32 trans-1,2-Dichloroethene	61	4.255	4.255	0.000	99	367208	20.0	20.9	
35 1,1-Dichloroethane	63	4.610	4.610	0.000	96	438358	20.0	20.9	
42 2-Butanone (MEK)	72	5.036	5.036	0.000	99	52889	40.0	40.6	
41 cis-1,2-Dichloroethene	96	5.060	5.060	0.000	83	265701	20.0	20.6	
48 Chloroform	83	5.308	5.308	0.000	94	415594	20.0	21.3	
49 1,1,1-Trichloroethane	97	5.462	5.474	-0.012	99	365057	20.0	20.4	
52 Carbon tetrachloride	117	5.592	5.592	0.000	95	298787	20.0	21.0	
54 Benzene	78	5.746	5.746	0.000	97	951580	20.0	19.8	
55 1,2-Dichloroethane	62	5.770	5.770	0.000	97	304030	20.0	21.5	
59 Trichloroethene	130	6.243	6.243	0.000	98	236117	20.0	18.4	
62 1,2-Dichloropropane	63	6.456	6.456	0.000	94	209322	20.0	19.6	
66 Dichlorobromomethane	83	6.645	6.657	-0.012	99	265223	20.0	19.3	
69 cis-1,3-Dichloropropene	75	7.000	7.000	0.000	95	307280	20.0	17.9	
70 4-Methyl-2-pentanone (MIBK)	43	7.095	7.095	0.000	97	484352	40.0	41.0	
71 Toluene	91	7.284	7.284	0.000	98	901841	20.0	18.6	
72 trans-1,3-Dichloropropene	75	7.450	7.450	0.000	96	280968	20.0	18.2	
75 1,1,2-Trichloroethane	97	7.628	7.627	0.001	92	178849	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
76 Tetrachloroethene	166	7.722	7.722	0.000	98	224687	20.0	18.4	
78 2-Hexanone	43	7.781	7.781	0.000	96	321488	40.0	39.0	
80 Chlorodibromomethane	129	7.971	7.970	0.001	90	175030	20.0	19.2	
83 Chlorobenzene	112	8.503	8.503	0.000	94	545407	20.0	18.4	
85 Ethylbenzene	106	8.574	8.574	0.000	98	315684	20.0	19.0	
86 m-Xylene & p-Xylene	106	8.681	8.680	0.001	98	384099	20.0	19.0	
87 o-Xylene	106	9.036	9.035	0.001	96	386156	20.0	19.9	
88 Styrene	104	9.047	9.047	0.000	94	593913	20.0	18.5	
89 Bromoform	173	9.237	9.237	0.000	98	117744	20.0	18.6	
93 1,1,2,2-Tetrachloroethane	83	9.627	9.627	0.000	95	276928	20.0	21.1	
S 128 Xylenes, Total	106				0		40.0	38.9	

QC Flag Legend

Processing Flags

Reagents:

vmfasgw_00454	Amount Added:	16.00	Units: uL	
vmfasaw_00417	Amount Added:	16.00	Units: uL	
vmfaspw_00443	Amount Added:	16.00	Units: uL	
vmDist_H2o_00210	Amount Added:	0.00	Units:	Run Reagent
vm50is_stk_A_00011	Amount Added:	2.00	Units: uL	Run Reagent
vm50ss_stk_00091	Amount Added:	2.00	Units: uL	Run Reagent
vm40ml_vials_00017	Amount Added:	0.00	Units:	Run Reagent

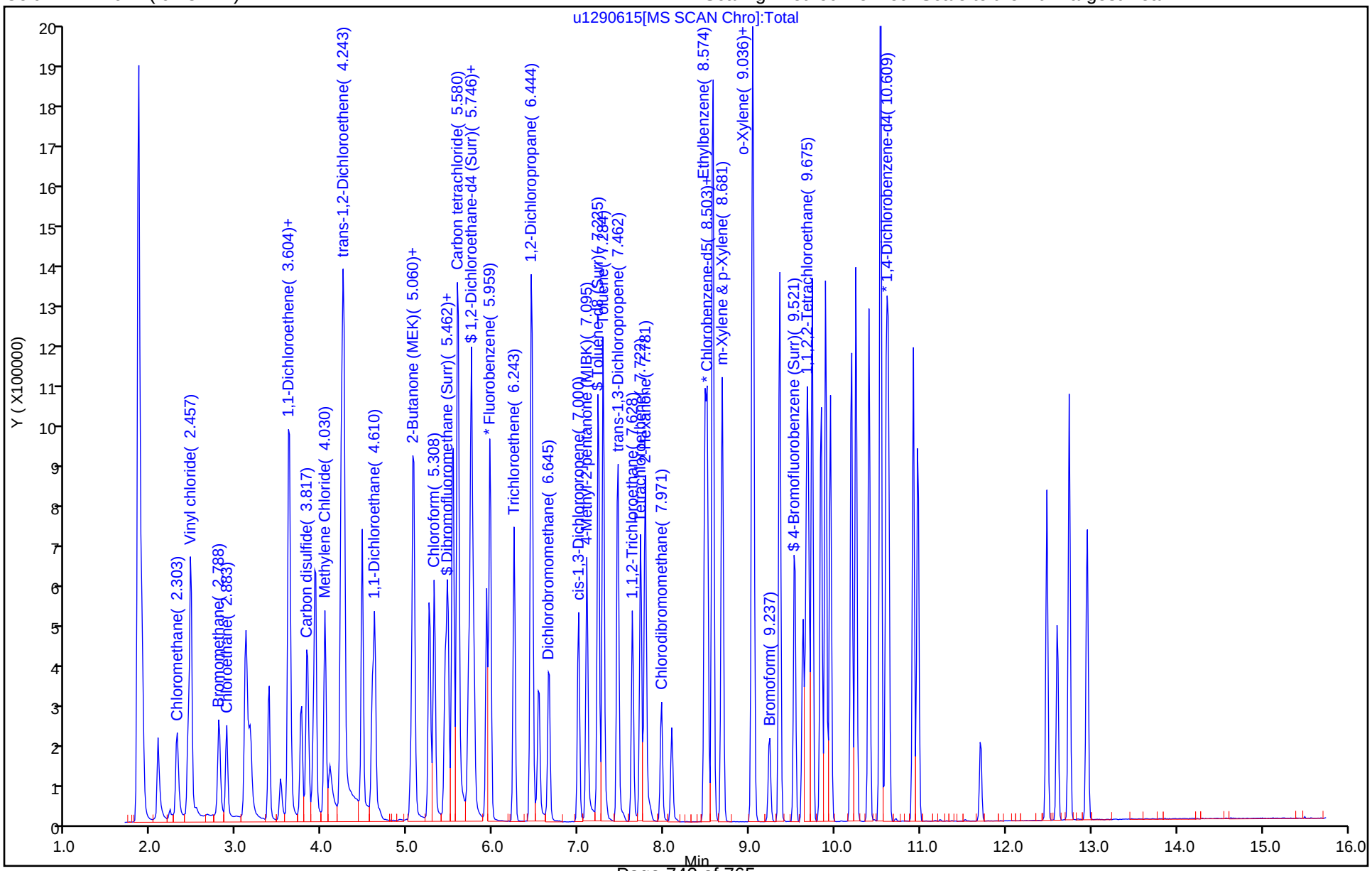
Report Date: 17-May-2022 08:27:48 Chrom Revision: 2.3 12-Apr-2022 20:29:44

Eurofins Canton

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290615.D

Injection Date:	16-May-2022 21:30:30	Instrument ID:	A3UX12	Operator ID:	1904
Lims ID:	240-166223-H-22 MSD			Worklist Smp#:	33
Client ID:	GW-050522-SS-044				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8260_12_h2o	Limit Group:	MSV 8260C ICAL		

Column: DB-624 (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



Eurofins Canton
Recovery Report

Data File: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\u1290615.D
Lims ID: 240-166223-H-22 MSD
Client ID: GW-050522-SS-044
Sample Type: MSD
Inject. Date: 16-May-2022 21:30:30 ALS Bottle#: 32 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 240-0118564-033
Operator ID: 1904 Instrument ID: A3UX12

Method: \\chromfs\Canton\ChromData\A3UX12\20220516-118564.b\8260_12_h2o.m
Limit Group: MSV 8260C ICAL
Last Update: 17-May-2022 08:27:08 Calib Date: 12-May-2022 18:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Canton\ChromData\A3UX12\20220512-118476.b\u1290551.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: laveyt Date: 17-May-2022 08:27:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 Dibromofluoromethane (Surr)	20.0	22.4	111.98
$ 5 1,2-Dichloroethane-d4 (Surr)	20.0	21.9	109.70
$ 6 Toluene-d8 (Surr)	20.0	19.0	95.23
$ 7 4-Bromofluorobenzene (Surr)	20.0	18.0	90.01

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Start Date: 04/29/2022 09:42

Analysis Batch Number: 524469 End Date: 04/29/2022 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-524469/1		04/29/2022 09:42	1	bfb1037.d	DB-624 0.18(mm)
STD8260 240-524469/9 IC		04/29/2022 11:07	1	U1927189.D	DB-624 0.18(mm)
STD8260 240-524469/10 IC		04/29/2022 11:29	1	U1927190.D	DB-624 0.18(mm)
STD8260 240-524469/11 IC		04/29/2022 11:52	1	U1927191.D	DB-624 0.18(mm)
STD8260 240-524469/12 IC		04/29/2022 12:14	1	U1927192.D	DB-624 0.18(mm)
ICIS 240-524469/13		04/29/2022 12:36	1	U1927193.D	DB-624 0.18(mm)
STD8260 240-524469/14 IC		04/29/2022 12:59	1	U1927194.D	DB-624 0.18(mm)
STD8260 240-524469/15 IC		04/29/2022 13:21	1	U1927195.D	DB-624 0.18(mm)
STD8260 240-524469/16 IC		04/29/2022 13:44	1	U1927196.D	DB-624 0.18(mm)
ICV 240-524469/18		04/29/2022 14:56	1	U1927198.D	DB-624 0.18(mm)
ZZZZZ		04/29/2022 15:18	1		DB-624 0.18(mm)
STDA9 240-524469/21 IC		04/29/2022 16:03	1		DB-624 0.18(mm)
STDA9 240-524469/22 IC		04/29/2022 16:25	1		DB-624 0.18(mm)
STDA9 240-524469/23 IC		04/29/2022 16:48	1		DB-624 0.18(mm)
STDA9 240-524469/24 IC		04/29/2022 17:10	1		DB-624 0.18(mm)
STDA9 240-524469/25 IC		04/29/2022 17:32	1		DB-624 0.18(mm)
STDA9 240-524469/26 IC		04/29/2022 17:55	1		DB-624 0.18(mm)
ICV 240-524469/28		04/29/2022 18:39	1	U1927208.D	DB-624 0.18(mm)
ZZZZZ		04/29/2022 19:01	1		DB-624 0.18(mm)
ZZZZZ		04/29/2022 19:24	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX12 Start Date: 05/12/2022 09:24

Analysis Batch Number: 526135 End Date: 05/12/2022 19:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-526135/1		05/12/2022 09:24	1	bfb4854.D	DB-624 0.18(mm)
STD8260 240-526135/9 IC		05/12/2022 11:38	1	u1290533.D	DB-624 0.18(mm)
STD8260 240-526135/10 IC		05/12/2022 12:01	1	u1290534.D	DB-624 0.18(mm)
STD8260 240-526135/11 IC		05/12/2022 12:23	1	u1290535.D	DB-624 0.18(mm)
STD8260 240-526135/12 IC		05/12/2022 12:45	1	u1290536.D	DB-624 0.18(mm)
ICIS 240-526135/13		05/12/2022 13:07	1	u1290537.D	DB-624 0.18(mm)
STD8260 240-526135/14 IC		05/12/2022 13:29	1	u1290538.D	DB-624 0.18(mm)
STD8260 240-526135/15 IC		05/12/2022 13:51	1	u1290539.D	DB-624 0.18(mm)
STD8260 240-526135/16 IC		05/12/2022 14:14	1	u1290540.D	DB-624 0.18(mm)
ICV 240-526135/18		05/12/2022 14:58	1	u1290542.D	DB-624 0.18(mm)
ZZZZZ		05/12/2022 15:20	1		DB-624 0.18(mm)
ZZZZZ		05/12/2022 15:42	1		DB-624 0.18(mm)
STDA9 240-526135/21 IC		05/12/2022 16:05	1		DB-624 0.18(mm)
STDA9 240-526135/22 IC		05/12/2022 16:27	1		DB-624 0.18(mm)
STDA9 240-526135/23 IC		05/12/2022 16:50	1		DB-624 0.18(mm)
STDA9 240-526135/24 IC		05/12/2022 17:12	1		DB-624 0.18(mm)
STDA9 240-526135/25 IC		05/12/2022 17:34	1		DB-624 0.18(mm)
STDA9 240-526135/26 IC		05/12/2022 17:57	1		DB-624 0.18(mm)
STDA9 240-526135/27 IC		05/12/2022 18:19	1		DB-624 0.18(mm)
ICV 240-526135/29		05/12/2022 19:03	1		DB-624 0.18(mm)
ZZZZZ		05/12/2022 19:25	1		DB-624 0.18(mm)
ZZZZZ		05/12/2022 19:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Start Date: 05/12/2022 09:30

Analysis Batch Number: 526140 End Date: 05/12/2022 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-526140/1		05/12/2022 09:30	1	bfb1046.d	DB-624 0.18(mm)
CCV 240-526140/3		05/12/2022 09:55	1	U1927456.D	DB-624 0.18(mm)
CCVIS 240-526140/4		05/12/2022 10:17	1	U1927457.D	DB-624 0.18(mm)
LCS 240-526140/5		05/12/2022 10:39	1	U1927458.D	DB-624 0.18(mm)
ZZZZZ		05/12/2022 11:02	1		DB-624 0.18(mm)
ZZZZZ		05/12/2022 11:24	1		DB-624 0.18(mm)
MB 240-526140/8		05/12/2022 11:47	1	U1927461.D	DB-624 0.18(mm)
ZZZZZ		05/12/2022 12:09	40		DB-624 0.18(mm)
240-166223-1	GW-050222-SS-027	05/12/2022 12:31	1	U1927463.D	DB-624 0.18(mm)
240-166223-2	GW-050222-SS-028	05/12/2022 12:54	1	U1927464.D	DB-624 0.18(mm)
240-166223-3	GW-050222-SS-029	05/12/2022 13:16	10	U1927465.D	DB-624 0.18(mm)
240-166223-4	GW-050222-SS-030	05/12/2022 13:38	1	U1927466.D	DB-624 0.18(mm)
240-166223-5	EB-050222-SS-003	05/12/2022 14:01	1	U1927467.D	DB-624 0.18(mm)
240-166223-6	GW-050322-SS-031	05/12/2022 14:23	1	U1927468.D	DB-624 0.18(mm)
240-166223-7	GW-050322-SS-032	05/12/2022 14:46	1	U1927469.D	DB-624 0.18(mm)
240-166223-8	GW-050322-SS-033	05/12/2022 15:08	1	U1927470.D	DB-624 0.18(mm)
240-166223-9	GW-050322-SS-034	05/12/2022 15:31	1	U1927471.D	DB-624 0.18(mm)
240-166223-10	SW-050322-SS-001	05/12/2022 15:53	1	U1927472.D	DB-624 0.18(mm)
240-166223-11	GW-050422-SS-035	05/12/2022 16:15	1	U1927473.D	DB-624 0.18(mm)
240-166223-12	GW-050422-SS-036	05/12/2022 16:38	50	U1927474.D	DB-624 0.18(mm)
240-166223-13	GW-050422-SS-037	05/12/2022 17:00	100	U1927475.D	DB-624 0.18(mm)
240-166223-14	GW-050422-SS-038	05/12/2022 17:23	250	U1927476.D	DB-624 0.18(mm)
240-166223-15	SW-050422-SS-003	05/12/2022 17:45	1	U1927477.D	DB-624 0.18(mm)
240-166223-16	GW-050522-SS-039	05/12/2022 18:07	1	U1927478.D	DB-624 0.18(mm)
240-166223-17	GW-050522-SS-040	05/12/2022 18:30	40	U1927479.D	DB-624 0.18(mm)
240-166223-18	EB-050522-SS-004	05/12/2022 18:53	1	U1927480.D	DB-624 0.18(mm)
240-166223-19	GW-050522-SS-041	05/12/2022 19:15	1	U1927481.D	DB-624 0.18(mm)
240-166223-17 MS	GW-050522-SS-040 MS	05/12/2022 19:37	40	U1927482.D	DB-624 0.18(mm)
240-166223-17 MSD	GW-050522-SS-040 MSD	05/12/2022 20:00	40	U1927483.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX12 Start Date: 05/16/2022 10:02

Analysis Batch Number: 526533 End Date: 05/16/2022 21:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-526533/1		05/16/2022 10:02	1	bfb4856.D	DB-624 0.18(mm)
CCV 240-526533/3		05/16/2022 10:24	1	u1290585.D	DB-624 0.18(mm)
CCVIS 240-526533/4		05/16/2022 10:46	1	u1290586.D	DB-624 0.18(mm)
LCS 240-526533/5		05/16/2022 11:08	1	u1290587.D	DB-624 0.18(mm)
ZZZZZ		05/16/2022 11:31	1		DB-624 0.18(mm)
CCV 240-526533/7		05/16/2022 11:53	1	u1290589.D	DB-624 0.18(mm)
ZZZZZ		05/16/2022 12:15	1		DB-624 0.18(mm)
MB 240-526533/9		05/16/2022 12:37	1	u1290591.D	DB-624 0.18(mm)
ZZZZZ		05/16/2022 13:01	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 13:23	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 14:07	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 14:30	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 14:52	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 15:14	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 15:36	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 16:20	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 16:42	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 17:04	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 17:27	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 17:49	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 18:11	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 18:33	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 18:55	1		DB-624 0.18(mm)
ZZZZZ		05/16/2022 19:17	2.5		DB-624 0.18(mm)
ZZZZZ		05/16/2022 19:40	1		DB-624 0.18(mm)
240-166223-20	GW-050522-SS-042	05/16/2022 20:02	100	u1290611.D	DB-624 0.18(mm)
240-166223-21	GW-050522-SS-043	05/16/2022 20:24	1	u1290612.D	DB-624 0.18(mm)
240-166223-22	GW-050522-SS-044	05/16/2022 20:46	1	u1290613.D	DB-624 0.18(mm)
240-166223-22 MS	GW-050522-SS-044 MS	05/16/2022 21:08	1	u1290614.D	DB-624 0.18(mm)
240-166223-22 MSD	GW-050522-SS-044 MSD	05/16/2022 21:30	1	u1290615.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Instrument ID: A3UX19 Start Date: 05/17/2022 11:00

Analysis Batch Number: 526755 End Date: 05/17/2022 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-526755/1		05/17/2022 11:00	1	bfb1049.d	DB-624 0.18(mm)
CCV 240-526755/3		05/17/2022 11:24	1	U1927550.D	DB-624 0.18(mm)
CCVIS 240-526755/4		05/17/2022 11:47	1	U1927551.D	DB-624 0.18(mm)
LCS 240-526755/5		05/17/2022 12:09	1	U1927552.D	DB-624 0.18(mm)
ZZZZZ		05/17/2022 12:31	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 12:54	1		DB-624 0.18(mm)
MB 240-526755/8		05/17/2022 13:16	1	U1927555.D	DB-624 0.18(mm)
240-166223-25	TB-050522-SS-002	05/17/2022 13:38	1	U1927556.D	DB-624 0.18(mm)
240-166223-23	SW-050522-SS-002	05/17/2022 14:01	2	U1927557.D	DB-624 0.18(mm)
240-166223-24	SW-050522-SS-004	05/17/2022 14:24	2	U1927558.D	DB-624 0.18(mm)
ZZZZZ		05/17/2022 14:46	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 15:08	4		DB-624 0.18(mm)
ZZZZZ		05/17/2022 15:31	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 15:53	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 16:15	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 16:38	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 17:00	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 17:22	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 17:45	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 18:07	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 18:29	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 18:52	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 19:14	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 19:58	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 20:20	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 20:42	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 21:04	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 21:27	1		DB-624 0.18(mm)
ZZZZZ		05/17/2022 21:49	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 524469 Batch Start Date: 04/29/22 09:42 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00435	vmbfb 00028
BFB 240-524469/1		8260D		5 mL	5 mL				1 uL
STD8260 240-524469/9 IC		8260D		5 mL	5 mL	2 uL	0.4 uL	0.4 uL	
STD8260 240-524469/10 IC		8260D		5 mL	5 mL	2 uL	0.8 uL	0.8 uL	
STD8260 240-524469/11 IC		8260D		5 mL	5 mL	2 uL	1.6 uL	1.6 uL	
STD8260 240-524469/12 IC		8260D		5 mL	5 mL	2 uL	8 uL	8 uL	
ICIS 240-524469/13		8260D		5 mL	5 mL	2 uL	16 uL	16 uL	
STD8260 240-524469/14 IC		8260D		5 mL	5 mL	2 uL	32 uL	32 uL	
STD8260 240-524469/15 IC		8260D		5 mL	5 mL	2 uL	48 uL	48 uL	
STD8260 240-524469/16 IC		8260D		5 mL	5 mL	2 uL	64 uL	64 uL	
ICV 240-524469/18		8260D		5 mL	5 mL	2 uL	2 uL		
ICV 240-524469/28		8260D		5 mL	5 mL	2 uL	2 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMFASA9W 00357	vmfasaw 00415	vmfasgw 00452	VMFASPW 00442	vmrgas 00424	vmrprimw 00479
BFB 240-524469/1		8260D							
STD8260 240-524469/9 IC		8260D						0.4 uL	0.4 uL
STD8260 240-524469/10 IC		8260D						0.8 uL	0.8 uL
STD8260 240-524469/11 IC		8260D						1.6 uL	1.6 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 524469 Batch Start Date: 04/29/22 09:42 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMFASA9W 00357	vmfasaw 00415	vmfasgw 00452	VMFASPW 00442	vmrgas 00424	vmrprimw 00479
STD8260 240-524469/12 IC		8260D						8 uL	8 uL
ICIS 240-524469/13		8260D						16 uL	16 uL
STD8260 240-524469/14 IC		8260D						32 uL	32 uL
STD8260 240-524469/15 IC		8260D						48 uL	48 uL
STD8260 240-524469/16 IC		8260D						64 uL	64 uL
ICV 240-524469/18		8260D			16 uL	16 uL	16 uL		
ICV 240-524469/28		8260D		16 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526135 Batch Start Date: 05/12/22 09:24 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00436	vmbfb 00028
BFB 240-526135/1		8260D		5 mL	5 mL				1 uL
STD8260 240-526135/9 IC		8260D		5 mL	5 mL	2 uL	0.4 uL	0.4 uL	
STD8260 240-526135/10 IC		8260D		5 mL	5 mL	2 uL	0.8 uL	0.8 uL	
STD8260 240-526135/11 IC		8260D		5 mL	5 mL	2 uL	1.6 uL	1.6 uL	
STD8260 240-526135/12 IC		8260D		5 mL	5 mL	2 uL	8 uL	8 uL	
ICIS 240-526135/13		8260D		5 mL	5 mL	2 uL	16 uL	16 uL	
STD8260 240-526135/14 IC		8260D		5 mL	5 mL	2 uL	32 uL	32 uL	
STD8260 240-526135/15 IC		8260D		5 mL	5 mL	2 uL	48 uL	48 uL	
STD8260 240-526135/16 IC		8260D		5 mL	5 mL	2 uL	64 uL	64 uL	
ICV 240-526135/18		8260D		5 mL	5 mL	2 uL	2 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmfasaw 00416	vmfasgw 00453	vmfaspw 00443	vmrgas 00426	vmrprimw 00481	
BFB 240-526135/1		8260D							
STD8260 240-526135/9 IC		8260D					0.4 uL	0.4 uL	
STD8260 240-526135/10 IC		8260D					0.8 uL	0.8 uL	
STD8260 240-526135/11 IC		8260D					1.6 uL	1.6 uL	
STD8260 240-526135/12 IC		8260D					8 uL	8 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526135 Batch Start Date: 05/12/22 09:24 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmfasaw 00416	vmfasgw 00453	vmfaspw 00443	vmrgas 00426	vmrprimw 00481	
ICIS 240-526135/13		8260D					16 uL	16 uL	
STD8260 240-526135/14 IC		8260D					32 uL	32 uL	
STD8260 240-526135/15 IC		8260D					48 uL	48 uL	
STD8260 240-526135/16 IC		8260D					64 uL	64 uL	
ICV 240-526135/18		8260D		16 uL	16 uL	16 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526140 Batch Start Date: 05/12/22 09:30 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00436
BFB 240-526140/1		8260D		5 mL	5 mL				
CCV 240-526140/3		8260D		5 mL	5 mL		2 uL		
CCVIS 240-526140/4		8260D		5 mL	5 mL		2 uL	2 uL	16 uL
LCS 240-526140/5		8260D		5 mL	5 mL		2 uL	2 uL	
MB 240-526140/8		8260D		5 mL	5 mL		2 uL	2 uL	
240-166223-C-1	GW-050222-SS-027	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-2	GW-050222-SS-028	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-3	GW-050222-SS-029	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-4	GW-050222-SS-030	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-5	EB-050222-SS-003	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-6	GW-050322-SS-031	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-7	GW-050322-SS-032	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-C-8	GW-050322-SS-033	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-9	GW-050322-SS-034	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-10	SW-050322-SS-001	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-11	GW-050422-SS-035	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-12	GW-050422-SS-036	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-13	GW-050422-SS-037	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-14	GW-050422-SS-038	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-15	SW-050422-SS-003	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-16	GW-050522-SS-039	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-17	GW-050522-SS-040	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-18	EB-050522-SS-004	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-19	GW-050522-SS-041	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-17 MS	GW-050522-SS-040	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-17 MSD	GW-050522-SS-040	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526140 Batch Start Date: 05/12/22 09:30 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00416	vmfasgw 00453	vmfaspw 00443	vmra9w 00434	vmrgas 00426
BFB 240-526140/1		8260D		1 uL					
CCV 240-526140/3		8260D						16 uL	
CCVIS 240-526140/4		8260D							16 uL
LCS 240-526140/5		8260D			16 uL	16 uL	16 uL		
MB 240-526140/8		8260D							
240-166223-C-1	GW-050222-SS-027	8260D	T						
240-166223-B-2	GW-050222-SS-028	8260D	T						
240-166223-B-3	GW-050222-SS-029	8260D	T						
240-166223-B-4	GW-050222-SS-030	8260D	T						
240-166223-B-5	EB-050222-SS-003	8260D	T						
240-166223-B-6	GW-050322-SS-031	8260D	T						
240-166223-B-7	GW-050322-SS-032	8260D	T						
240-166223-C-8	GW-050322-SS-033	8260D	T						
240-166223-B-9	GW-050322-SS-034	8260D	T						
240-166223-B-10	SW-050322-SS-001	8260D	T						
240-166223-B-11	GW-050422-SS-035	8260D	T						
240-166223-B-12	GW-050422-SS-036	8260D	T						
240-166223-B-13	GW-050422-SS-037	8260D	T						
240-166223-B-14	GW-050422-SS-038	8260D	T						
240-166223-B-15	SW-050422-SS-003	8260D	T						
240-166223-B-16	GW-050522-SS-039	8260D	T						
240-166223-B-17	GW-050522-SS-040	8260D	T						
240-166223-B-18	EB-050522-SS-004	8260D	T						
240-166223-B-19	GW-050522-SS-041	8260D	T						
240-166223-B-17 MS	GW-050522-SS-040	8260D	T		16 uL	16 uL	16 uL		
240-166223-B-17 MSD	GW-050522-SS-040	8260D	T		16 uL	16 uL	16 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00481					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526140 Batch Start Date: 05/12/22 09:30 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00481					
BFB 240-526140/1		8260D							
CCV 240-526140/3		8260D							
CCVIS 240-526140/4		8260D		16 uL					
LCS 240-526140/5		8260D							
MB 240-526140/8		8260D							
240-166223-C-1	GW-050222-SS-027	8260D	T						
240-166223-B-2	GW-050222-SS-028	8260D	T						
240-166223-B-3	GW-050222-SS-029	8260D	T						
240-166223-B-4	GW-050222-SS-030	8260D	T						
240-166223-B-5	EB-050222-SS-003	8260D	T						
240-166223-B-6	GW-050322-SS-031	8260D	T						
240-166223-B-7	GW-050322-SS-032	8260D	T						
240-166223-C-8	GW-050322-SS-033	8260D	T						
240-166223-B-9	GW-050322-SS-034	8260D	T						
240-166223-B-10	SW-050322-SS-001	8260D	T						
240-166223-B-11	GW-050422-SS-035	8260D	T						
240-166223-B-12	GW-050422-SS-036	8260D	T						
240-166223-B-13	GW-050422-SS-037	8260D	T						
240-166223-B-14	GW-050422-SS-038	8260D	T						
240-166223-B-15	SW-050422-SS-003	8260D	T						
240-166223-B-16	GW-050522-SS-039	8260D	T						
240-166223-B-17	GW-050522-SS-040	8260D	T						
240-166223-B-18	EB-050522-SS-004	8260D	T						
240-166223-B-19	GW-050522-SS-041	8260D	T						
240-166223-B-17 MS	GW-050522-SS-040	8260D	T						
240-166223-B-17 MSD	GW-050522-SS-040	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526140 Batch Start Date: 05/12/22 09:30 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Batch Notes	
pH Indicator ID	HC160347

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526533 Batch Start Date: 05/16/22 10:02 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00011	vm50ss 00473	vm50ss_stk 00091
BFB 240-526533/1		8260D		5 mL	5 mL				
CCV 240-526533/3		8260D		5 mL	5 mL		2 uL		
CCVIS 240-526533/4		8260D		5 mL	5 mL		2 uL		2 uL
LCS 240-526533/5		8260D		5 mL	5 mL		2 uL		2 uL
CCV 240-526533/7		8260D		5 mL	5 mL		2 uL	16 uL	
MB 240-526533/9		8260D		5 mL	5 mL		2 uL		2 uL
240-166223-B-20	GW-050522-SS-042	8260D	T	5 mL	5 mL	<2 SU	2 uL		2 uL
240-166223-B-21	GW-050522-SS-043	8260D	T	5 mL	5 mL	<2 SU	2 uL		2 uL
240-166223-B-22	GW-050522-SS-044	8260D	T	5 mL	5 mL	<2 SU	2 uL		2 uL
240-166223-E-22 MS	GW-050522-SS-044	8260D	T	5 mL	5 mL	<2 SU	2 uL		2 uL
240-166223-H-22 MSD	GW-050522-SS-044	8260D	T	5 mL	5 mL	<2 SU	2 uL		2 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmarolistdw 00437	vmbfb 00028	vmfasaw 00417	vmfasgw 00454	vmfaspw 00443	vmra9w 00435
BFB 240-526533/1		8260D			1 uL				
CCV 240-526533/3		8260D							16 uL
CCVIS 240-526533/4		8260D		16 uL					
LCS 240-526533/5		8260D				16 uL	16 uL	16 uL	
CCV 240-526533/7		8260D							
MB 240-526533/9		8260D							
240-166223-B-20	GW-050522-SS-042	8260D	T						
240-166223-B-21	GW-050522-SS-043	8260D	T						
240-166223-B-22	GW-050522-SS-044	8260D	T						
240-166223-E-22 MS	GW-050522-SS-044	8260D	T			16 uL	16 uL	16 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526533 Batch Start Date: 05/16/22 10:02 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmarolistdw 00437	vmbfb 00028	vmfasaw 00417	vmfasgw 00454	vmfaspw 00443	vmra9w 00435
240-166223-H-22 MSD	GW-050522-SS-044	8260D	T			16 uL	16 uL	16 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrgas 00426	vmrprimw 00481				
BFB 240-526533/1		8260D							
CCV 240-526533/3		8260D							
CCVIS 240-526533/4		8260D		16 uL	16 uL				
LCS 240-526533/5		8260D							
CCV 240-526533/7		8260D							
MB 240-526533/9		8260D							
240-166223-B-20	GW-050522-SS-042	8260D	T						
240-166223-B-21	GW-050522-SS-043	8260D	T						
240-166223-B-22	GW-050522-SS-044	8260D	T						
240-166223-E-22 MS	GW-050522-SS-044	8260D	T						
240-166223-H-22 MSD	GW-050522-SS-044	8260D	T						

Batch Notes	
pH Indicator ID	HC160347

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526755 Batch Start Date: 05/17/22 11:00 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	vm50is_stk_A 00011	vm50ss_stk 00091	vmarolistdw 00437
BFB 240-526755/1		8260D		5 mL	5 mL				
CCV 240-526755/3		8260D		5 mL	5 mL		2 uL		
CCVIS 240-526755/4		8260D		5 mL	5 mL		2 uL	2 uL	16 uL
LCS 240-526755/5		8260D		5 mL	5 mL		2 uL	2 uL	
MB 240-526755/8		8260D		5 mL	5 mL		2 uL	2 uL	
240-166223-B-25	TB-050522-SS-002	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-23	SW-050522-SS-002	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	
240-166223-B-24	SW-050522-SS-004	8260D	T	5 mL	5 mL	<2 SU	2 uL	2 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmbfb 00028	vmfasaw 00417	vmfasgw 00454	vmfaspw 00444	vmra9w 00435	vmrgas 00426
BFB 240-526755/1		8260D		1 uL					
CCV 240-526755/3		8260D						16 uL	
CCVIS 240-526755/4		8260D							16 uL
LCS 240-526755/5		8260D			16 uL	16 uL	16 uL		
MB 240-526755/8		8260D							
240-166223-B-25	TB-050522-SS-002	8260D	T						
240-166223-B-23	SW-050522-SS-002	8260D	T						
240-166223-B-24	SW-050522-SS-004	8260D	T						

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00482					
BFB 240-526755/1		8260D							
CCV 240-526755/3		8260D							
CCVIS 240-526755/4		8260D		16 uL					
LCS 240-526755/5		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-166223-1

SDG No.:

Batch Number: 526755 Batch Start Date: 05/17/22 11:00 Batch Analyst: Lavey, Tim

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	vmrprimw 00482					
MB 240-526755/8		8260D							
240-166223-B-25	TB-050522-SS-002	8260D	T						
240-166223-B-23	SW-050522-SS-002	8260D	T						
240-166223-B-24	SW-050522-SS-004	8260D	T						

Batch Notes	
pH Indicator ID	HC160347

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

2.1/2.1

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Shobe	Lab PM: Heckler, Denise D	Carrier Tracking No(s): 529343447584	COC No: 240-93085-34520.5
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin: IN	Page: ~~Page 5 of 7~~ 1 of 3
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #: 11209506

Address: 26850 Haggerty Rd.	Due Date Requested:	Preservation Codes:
City: Farmington Hills	TAT Requested (days): 10	A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: MI, 48331	Compliance Project: ∧ Yes ∧ No	
Phone:	PO #: Purchase Order Requested	Other:
Email: ruth.mickle@ghd.com	WO #: 11209506	
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143	
Site:	SSOW#:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
GW-050222-SS-027	5-02-22	1140	G	Water			X		
GW-050222-SS-028	5-2-22	1345	G	Water			X		
GW-050222-SS-029	5-2-22	1540	G	Water			X		
GW-050222-SS-030	5-2-22	1705	G	Water			X		
EB-050222-SS-003	5-2-22	1155	G	Water			X		
GW-050322-SS-031	5-3-22	1140	G	Water			X		
GW-050322-SS-032	5-3-22	1255	G	Water			X		
GW-050322-SS-033	5-3-22	1505	G	Water			X		
GW-050322-SS-034	5-3-22	1635	G	Water			X		
SW-050322-SS-001	5-3-22	1545	G	Water			X		
GW-050322-SS-~~036~~ 035	5-4-22	1010	G	Water			X		

240-166223 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5-6-22	GHD		5-7-22 0945	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∧ Yes ∧ No	Custody Seal No.: 1761561 / 1761560	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Sholar	Lab PM: Heckler, Denise D	Carrier Tracking No(s): 529343447584	COC No: 240-93085-34520.6
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin: IN	Page: ~~Page 6 of 7~~ 2 of 2
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #: 11209506

Address: 26850 Haggerty Rd.	Due Date Requested:	Preservation Codes:
City: Farmington Hills	TAT Requested (days): 10	A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: MI, 48331	Compliance Project: \ Yes \ No	
Phone:	PO #: Purchase Order Requested	Other:
Email: ruth.mickle@ghd.com	WO #: 11209506	
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143	
Site:	SSOW#:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
GW-050422-SS-036	5-4-22	1105	G	Water			X		
GW-050422-SS-037	5-4-22	1210	G	Water			X		
GW-050422-SS-038	5-4-22	1215	G	Water			X		
SW-050422-SS-003	5-4-22	1305	G	Water			X		
GW-050522-SS-039	5-5-22	0935	G	Water			X		
GW-050522-SS-040	5-5-22	1040	G	Water			X		
EB-050522-SS-004	5-5-22	1050	G	Water			X		
GW-050522-SS-041	5-5-22	1140	G	Water			X		
GW-050522-SS-042	5-5-22	1300	G	Water			X		
GW-050522-SS-043	5-5-22	1405	G	Water			X		
GW-050522-SS-044	5-5-22	1545	G	Water	X	X	X		

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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx 5-9-22			
Relinquished by:	Date/Time: 5-6-22	Company: GHD	Received by:	Date/Time: 5-9-22 0945	Company: EETNC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: \ Yes \ No	Custody Seal No.: 1761561 / 1761560	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Scott Shoir	Lab PM: Heckler, Denise D	Carrier Tracking No(s): 529343447584	COC No: 240-93085-34520.7
Client Contact: Ms. Ruth Mickle	Phone: 317-675-7680	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin: IN	Page: ~~Page 7 of 7~~ 3 of 3
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #: 11209506
Address: 26850 Haggerty Rd.	Due Date Requested:			Preservation Codes:
City: Farmington Hills	TAT Requested (days): 10			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: MI, 48331	Compliance Project: ∧ Yes ∧ No			
Phone:	PO #: Purchase Order Requested			Other:
Email: ruth.mickle@ghd.com	WO #: 11209506			
Project Name: 11209506, MLK - Anderson, IN	Project #: 24007143			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
SW-050522-SS-002	5-5-22	1315		Water			X	3	
SW-050522-SS-004	5-5-22	1320		Water			X	3	
TB-050522-SS-002	5-5-22	1615		Water			X	3	
				Water					
				Water					
				Water					
				Water					
				Water					

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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)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5-6-22	GHD		5-7-22 0845	EETNC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∧ Yes ∧ No | Custody Seal No.: 1761561/1761560

Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins TestAmerica Canton Sample Receipt Form/Narrative Login # : 166223
Canton Facility

Client GHD Site Name Anderson Cooler unpacked by:

Cooler Received on 5-7-22 Opened on 5-9-22

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

TestAmerica Cooler # TA Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 2.1 °C Corrected Cooler Temp. 2.1 °C
   IR GUN #IR-15 (CF -0.7°C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. ____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
-Were tamper/custody seals intact and uncompromised?	Yes No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes No
4. Did custody papers accompany the sample(s)?	Yes No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7. Did all bottles arrive in good condition (Unbroken)?	Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10. Were correct bottle(s) used for the test(s) indicated?	Yes No
11. Sufficient quantity received to perform indicated analyses?	Yes No
12. Are these work share samples and all listed on the COC?	Yes No
If yes, Questions 13-17 have been checked at the originating laboratory.	
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC157842
14. Were VOAs on the COC?	Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0104216	Yes No
17. Was a LL Hg or Me Hg trip blank present? ____	Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other

Concerning ____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

19. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.
Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

VOA Sample Preservation - Date/Time VOAs Frozen: ____

Appendix B

Data Quality Assessment and Validation Reports

Technical Memorandum

May 24, 2022

To	Robert Catallo, GHD	**Tel**	+1 612 524 6872
		Email	Ruth.Mickle@ghd.com
From	Ruth Mickle/mg/2	**Ref. No.**	11209506
Subject	Analytical Results and Reduced Validation Surface Water and Site-Wide Groundwater Monitoring RACER Trust - MLK Boulevard Facility Anderson, Indiana April & May 2022		

1. Introduction

The following document details a reduced validation of analytical results for water samples collected in support of the Surface Water and Site-Wide Groundwater Monitoring at the RACER Trust - MLK Boulevard Facility during April & May 2022. Samples were submitted to Eurofins Environment Testing America (EETA), located in Barberton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS) and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable documents entitled:

i. “Quality Assurance Project Plan (QAPP) for the Resource Conservation and Recovery Act (RCRA) Facility Investigation at GM Anderson, Indiana Facility", IND 980 700 801, Revision 2, October 14, 1997

ii. "National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540 R 2016 002, September 2016

Item ii will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criterion for the analysis is summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries

In accordance with the method employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with known concentrations of the analytes of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1. The laboratory performed additional site-specific MS/MSD analyses internally. The MS/MSD samples were spiked with all compounds of interest.

The percent recoveries and RPD values were within the laboratory control limits criteria, demonstrating acceptable analytical accuracy and precision.

7. Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, four equipment rinse blank samples, and four field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, equipment rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, field duplicate samples sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criteria is one times the RL value for water.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards,



Ruth Mickle
Chemist

Encl.

Table 1

Sample Collection and Analysis Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/ Parameters	Comments
					VOCs	
Eurofins: 240-165834-1						
GW-042522-SS-001	MW 65	water	04/25/2022	12:25	X	
GW-042522-SS-002	MW 81	water	04/25/2022	13:40	X	
GW-042522-SS-003	MW 66	water	04/25/2022	14:45	X	
GW-042522-SS-004	MW 64	water	04/25/2022	16:30	X	
GW-042522-SS-005	MW 80	water	04/25/2022	17:45	X	
GW-042522-SS-006	MW 80	water	04/25/2022	17:50	X	FD (GW-042522-SS-005)
GW-042622-SS-007	MW 28	water	04/26/2022	11:40	X	
GW-042622-SS-008	MW 42	water	04/26/2022	13:15	X	
GW-042622-SS-009	MW 41	water	04/26/2022	14:10	X	MS/MSD
GW-042622-SS-010	MW 40	water	04/26/2022	15:35	X	
EB-042622-SS-001	Equipment Blank	water	04/26/2022	15:55	X	Equipment Blank
GW-042722-SS-011	MW 88	water	04/27/2022	10:50	X	
GW-042722-SS-012	MW 86	water	04/27/2022	11:50	X	
GW-042722-SS-013	MW 61	water	04/27/2022	13:35	X	
GW-042722-SS-014	MW 14	water	04/27/2022	15:50	X	
GW-042722-SS-015	MW 14	water	04/27/2022	15:55	X	FD (GW-042722-SS-014)
GW-042822-SS-016	MW 16	water	04/28/2022	10:40	X	
GW-042822-SS-017	MW 82	water	04/28/2022	11:45	X	
GW-042822-SS-018	MW 84	water	04/28/2022	12:45	X	
GW-042822-SS-019	MW 3	water	04/28/2022	13:45	X	
GW-042822-SS-020	MW 3	water	04/28/2022	13:50	X	FD (GW-042822-SS-019)
GW-042822-SS-021	MW 31R	water	04/28/2022	14:40	X	
GW-042822-SS-022	MW 15	water	04/28/2022	16:15	X	
GW-042922-SS-023	MW 8	water	04/29/2022	11:35	X	

Table 1

Sample Collection and Analysis Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/ Parameters: VOCs	Comments
GW-042922-SS-024	MW 21	water	04/29/2022	12:55	X	
GW-042922-SS-025	MW 79	water	04/29/2022	14:50	X	
GW-042922-SS-026	MW 68	water	04/29/2022	16:25	X	
EB-042922-SS-002	Equipment Blank	water	04/29/2022	11:50	X	Equipment Blank
TB-042922-SS-001	Trip Blank	water	04/29/2022	16:50	X	Trip Blank
Eurofins SDG: 240-166223-1						
GW-050222-SS-027	MW 83	water	05/02/2022	11:40	X	
GW-050222-SS-028	MW92-13	water	05/02/2022	13:45	X	
GW-050222-SS-029	MW 49	water	05/02/2022	15:40	X	
GW-050222-SS-030	MW 37	water	05/02/2022	17:05	X	
EB-050222-SS-003	Equipment Blank	water	05/02/2022	11:55	X	Equipment Blank
GW-050322-SS-031	MW89-11	water	05/03/2022	11:40	X	
GW-050322-SS-032	MW 12	water	05/03/2022	12:55	X	
GW-050322-SS-033	MW 75	water	05/03/2022	15:05	X	
GW-050322-SS-034	MW 46	water	05/03/2022	16:35	X	
SW-050322-SS-001	3523 MLK Blvd	water	05/03/2022	15:45	X	
GW-050422-SS-035	MW-7	water	05/04/2022	10:10	X	
GW-050422-SS-036	MW 58	water	05/04/2022	11:05	X	
GW-050422-SS-037	MW-4	water	05/04/2022	12:10	X	
GW-050422-SS-038	MW-4	water	05/04/2022	12:15	X	
SW-050422-SS-003	Pond Intake	water	05/04/2022	13:05	X	
GW-050522-SS-039	MW 56	water	05/05/2022	09:35	X	
GW-050522-SS-040	MW 57	water	05/05/2022	10:40	X	
EB-050522-SS-004	Equipment Blank	water	05/05/2022	10:50	X	Equipment Blank
GW-050522-SS-041	MW97R-16	water	05/05/2022	11:40	X	

Table 1

Sample Collection and Analysis Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/ Parameters: VOCs	Comments
GW-050522-SS-042	MW 85	water	05/05/2022	13:00	X	
GW-050522-SS-043	MW-2	water	05/05/2022	14:05	X	
GW-050522-SS-044	MW 77	water	05/05/2022	15:45	X	MS/MSD
SW-050522-SS-002	Pond North	water	05/05/2022	13:15	X	
SW-050522-SS-004	Pond North	water	05/05/2022	13:20	X	FD (SW-050522-SS-002)
TB-050522-SS-002	Trip Blank	water	05/05/2022	16:15	X	Trip Blank

Notes:
Eurofins - Eurofins Environment Testing America
FD - Field Duplicate sample of sample in parenthesis
MS/MSD - Matrix Spike/Matrix Spike Duplicate
SDG - Sample Delivery Group
VOCs - Volatile Organic Compounds
"--" - Not applicable

Table 2

Analytical Results Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Location ID:		3523 MLK Blvd	MW 3	MW 3	MW 8	MW 12	MW 14	MW 14	MW 15	MW 16	MW 21	MW 28	MW 31R
Sample Name:		SW-050322-SS-001	GW-042822-SS-019	GW-042822-SS-020	GW-042922-SS-023	GW-050322-SS-032	GW-042722-SS-014	GW-042722-SS-015	GW-042822-SS-022	GW-042822-SS-016	GW-042922-SS-024	GW-042622-SS-007	GW-042822-SS-021
Sample Date:		05/03/2022	04/28/2022	04/28/2022 Duplicate	04/29/2022	05/03/2022	04/27/2022	04/27/2022 Duplicate	04/28/2022	04/28/2022	04/29/2022	04/26/2022	04/28/2022
Parameters	**Unit**												
Volatile Organic Compounds													
1,1,1-Trichloroethane	µg/L	1.0 U	400	390 J	120	1.0 U	130 U	130 U	310 J	120	1.0 U	80 U	1000 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
1,1,2-Trichloroethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
1,1-Dichloroethane	µg/L	1.0 U	270 J	260 J	130	0.53 J	130 U	130 U	400 U	100 U	1.0 U	80 U	1100
1,1-Dichloroethene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
1,2-Dichloroethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
1,2-Dichloropropane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	4000 U	4000 U	400 U	10 U	1300 U	1300 U	4000 U	1000 U	10 U	800 U	10000 U
2-Hexanone	µg/L	10 U	4000 U	4000 U	400 U	10 U	1300 U	1300 U	4000 U	1000 U	10 U	800 U	10000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	4000 U	4000 U	400 U	10 U	1300 U	1300 U	4000 U	1000 U	10 U	800 U	10000 U
Acetone	µg/L	10 U	4000 U	4000 U	400 U	10 U	1300 U	1300 U	4000 U	1000 U	10 U	800 U	10000 U
Benzene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Bromodichloromethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Bromoform	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Carbon disulfide	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Carbon tetrachloride	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Chlorobenzene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Chloroethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Chloroform (Trichloromethane)	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
cis-1,2-Dichloroethene	µg/L	1.0 U	5500	5700	950	56	3200	3200	11000	2500	1.0 U	2100	66000
cis-1,3-Dichloropropene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Dibromochloromethane	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Ethylbenzene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	620 J
Methylene chloride	µg/L	5.0 U	2000 U	2000 U	200 U	5.0 U	630 U	630 U	2000 U	500 U	5.0 U	400 U	5000 U
Styrene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Tetrachloroethene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Toluene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	4200
trans-1,2-Dichloroethene	µg/L	1.0 U	400 U	400 U	40 U	0.79 J	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
trans-1,3-Dichloropropene	µg/L	1.0 U	400 U	400 U	40 U	1.0 U	130 U	130 U	400 U	100 U	1.0 U	80 U	1000 U
Trichloroethene	µg/L	1.0 U	14000	14000	410	1.0 U	130 U	130 U	7100	1900	1.0 U	80 U	1000 U
Vinyl chloride	µg/L	1.0 U	400 U	400 U	320	1.0 U	130	120 J	400 U	100 U	1.0 U	220	6700
Xylenes (total)	µg/L	2.0 U	800 U	800 U	80 U	2.0 U	250 U	250 U	800 U	200 U	2.0 U	160 U	2400

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Location ID:		MW 37	MW 40	MW 41	MW 42	MW 46	MW 49	MW 56	MW 57	MW 58	MW 61	MW 64	MW 65
Sample Name:		GW-050222-SS-030	GW-042622-SS-010	GW-042622-SS-009	GW-042622-SS-008	GW-050322-SS-034	GW-050222-SS-029	GW-050522-SS-039	GW-050522-SS-040	GW-050422-SS-036	GW-042722-SS-013	GW-042522-SS-004	GW-042522-SS-001
Sample Date:		05/02/2022	04/26/2022	04/26/2022	04/26/2022	05/03/2022	05/02/2022	05/05/2022	05/05/2022	05/04/2022	04/27/2022	04/25/2022	04/25/2022
Parameters	**Unit**												
Volatile Organic Compounds													
1,1,1-Trichloroethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	97 J	100 U	100 U	1.0 U	10 U	1.0 U	40 U	67	1.0 U	0.50 J	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	2000 U	1000 U	1000 U	10 U	100 U	10 U	400 U	500 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	2000 U	1000 U	1000 U	10 U	100 U	10 U	400 U	500 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	2000 U	1000 U	1000 U	10 U	100 U	10 U	400 U	500 U	10 U	10 U	10 U
Acetone	µg/L	10 U	2000 U	1000 U	1000 U	10 U	100 U	10 U	400 U	500 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.2
Chloromethane (Methyl chloride)	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	4500	2900	3200	1.0 U	430	1.0 U	40 U	2500	1.0 U	9.0	3.5
cis-1,3-Dichloropropene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	5.0 U	1000 U	500 U	500 U	5.0 U	50 U	5.0 U	200 U	250 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	200 U	100 U	150	1.0 U	15	1.0 U	40 U	140	1.0 U	0.79 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	200 U	100 U	100 U	1.0 U	10 U	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	170 J	100 U	100 U	1.0 U	88	1.0 U	40 U	50 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	280	160	52 J	1.0 U	10 U	1.0 U	730	34 J	0.62 J	54	1.0 U
Xylenes (total)	µg/L	2.0 U	400 U	200 U	200 U	2.0 U	20 U	2.0 U	80 U	100 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Location ID:		MW 66	MW 68	MW 75	MW 77	MW 79	MW 80	MW 80	MW 81	MW 82	MW 83	MW 84	MW 85
Sample Name:		GW-042522-SS-003	GW-042922-SS-026	GW-050322-SS-033	GW-050522-SS-044	GW-042922-SS-025	GW-042522-SS-005	GW-042522-SS-006	GW-042522-SS-002	GW-042822-SS-017	GW-050222-SS-027	GW-042822-SS-018	GW-050522-SS-042
Sample Date:		04/25/2022	04/29/2022	05/03/2022	05/05/2022	04/29/2022	04/25/2022	04/25/2022 Duplicate	04/25/2022	04/28/2022	05/02/2022	04/28/2022	05/05/2022
Parameters	**Unit**												
Volatile Organic Compounds													
1,1,1-Trichloroethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
1,1,2,2-Tetrachloroethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
1,1,2-Trichloroethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
1,1-Dichloroethane	µg/L	100 U	94 J	1.0 U	1.0 U	100 U	4.0 U	4.0 U	0.58 J	1.0 U	1.0 U	1.0 U	180
1,1-Dichloroethene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
1,2-Dichloroethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
1,2-Dichloropropane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	1000 U	1000 U	10 U	1.9 J	1000 U	40 U	40 U	10 U	2.9 J	10 U	10 U	1000 U
2-Hexanone	µg/L	1000 U	1000 U	10 U	10 U	1000 U	40 U	40 U	10 U	10 U	10 U	10 U	1000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	1000 U	1000 U	10 U	10 U	1000 U	40 U	40 U	10 U	10 U	10 U	10 U	1000 U
Acetone	µg/L	1000 U	1000 U	10 U	10 U	1000 U	40 U	40 U	10 U	22	10 U	10 U	1000 U
Benzene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Bromodichloromethane	µg/L	100 U	100 U	1.0 U	0.21 J	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Bromoform	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Bromomethane (Methyl bromide)	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Carbon disulfide	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Carbon tetrachloride	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Chlorobenzene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Chloroethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Chloroform (Trichloromethane)	µg/L	100 U	100 U	1.0 U	0.54 J	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Chloromethane (Methyl chloride)	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
cis-1,2-Dichloroethene	µg/L	2000	3200	1.0 U	1.0 U	2100	6.4	7.0	28	0.67 J	1.0 U	1.0 U	5200
cis-1,3-Dichloropropene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Dibromochloromethane	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Ethylbenzene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Methylene chloride	µg/L	500 U	500 U	5.0 U	5.0 U	500 U	20 U	20 U	5.0 U	5.0 U	5.0 U	5.0 U	500 U
Styrene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Tetrachloroethene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Toluene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
trans-1,2-Dichloroethene	µg/L	77 J	110	1.0 U	1.0 U	63 J	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	170
trans-1,3-Dichloropropene	µg/L	100 U	100 U	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Trichloroethene	µg/L	100 U	970	1.0 U	1.0 U	100 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U
Vinyl chloride	µg/L	100 U	110	1.0 U	1.0 U	410	150	160	39	1.0 U	17	1.0 U	250
Xylenes (total)	µg/L	200 U	200 U	2.0 U	2.0 U	200 U	8.0 U	8.0 U	2.0 U	2.0 U	2.0 U	2.0 U	200 U

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

Location ID:		MW 86	MW 88	MW-2	MW-4	MW-4	MW-7	MW89-11	MW92-13	MW97R-16	Pond Intake	Pond North	Pond North
Sample Name:		GW-042722-SS-012	GW-042722-SS-011	GW-050522-SS-043	GW-050422-SS-037	GW-050422-SS-038	GW-050422-SS-035	GW-050322-SS-031	GW-050222-SS-028	GW-050522-SS-041	SW-050422-SS-003	SW-050522-SS-002	SW-050522-SS-004
Sample Date:		04/27/2022	04/27/2022	05/05/2022	05/04/2022	05/04/2022	05/04/2022	05/03/2022	05/02/2022	05/05/2022	05/04/2022	05/05/2022	05/05/2022 Duplicate
Parameters	**Unit**												
Volatile Organic Compounds													
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	0.98 J	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	130	140 J	1.0 U	1.0 U	1.0 U	1.0 U	2.7	4.2	4.1
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	1000 U	2500 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U
2-Hexanone	µg/L	10 U	10 U	10 U	1000 U	2500 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	1000 U	2500 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U
Acetone	µg/L	10 U	10 U	10 U	1000 U	2500 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	5900	5600	1.0 U	1.0 U	0.96 J	1.0 U	67	100	100
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	500 U	1300 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	100	250 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5	4.0	4.0
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	100 U	250 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	660	750	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U
Vinyl chloride	µg/L	1.0 U	6.7	1.0 U	380	350	1.0 U	1.0 U	1.0 U	1.0 U	6.1	7.3	7.2
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	200 U	500 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	4.0 U

Notes:
J - Estimated concentration
U - Not detected at the associated reporting limit

Table 3

Analytical Method
Surface Water and Site-Wide Groundwater Monitoring
RACER Trust - MLK Boulevard Facility
Anderson, Indiana
April and May 2022

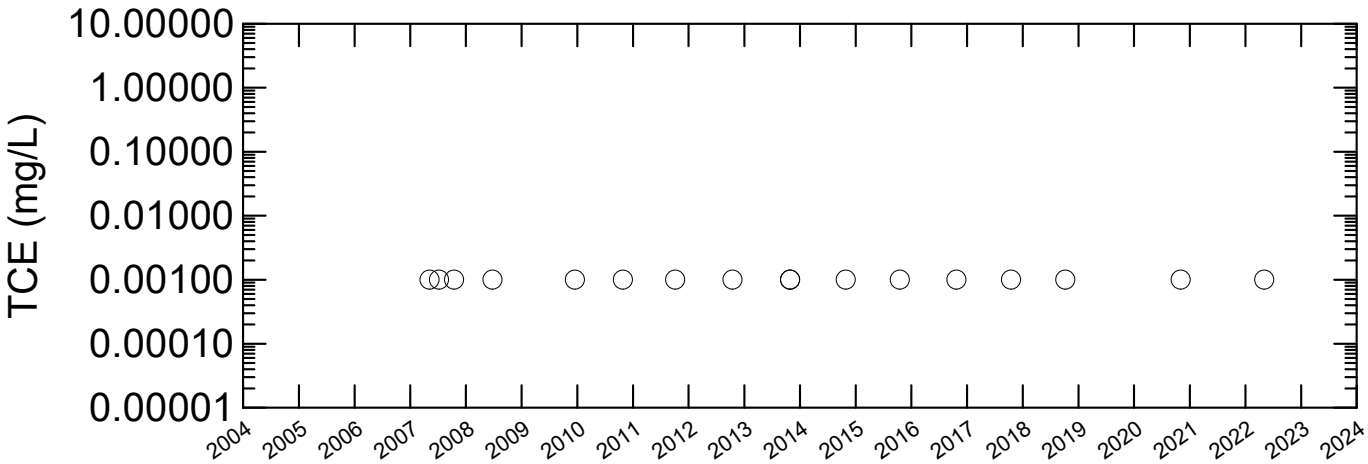
Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
VOCs	SW-846 8260D	Water	-	14

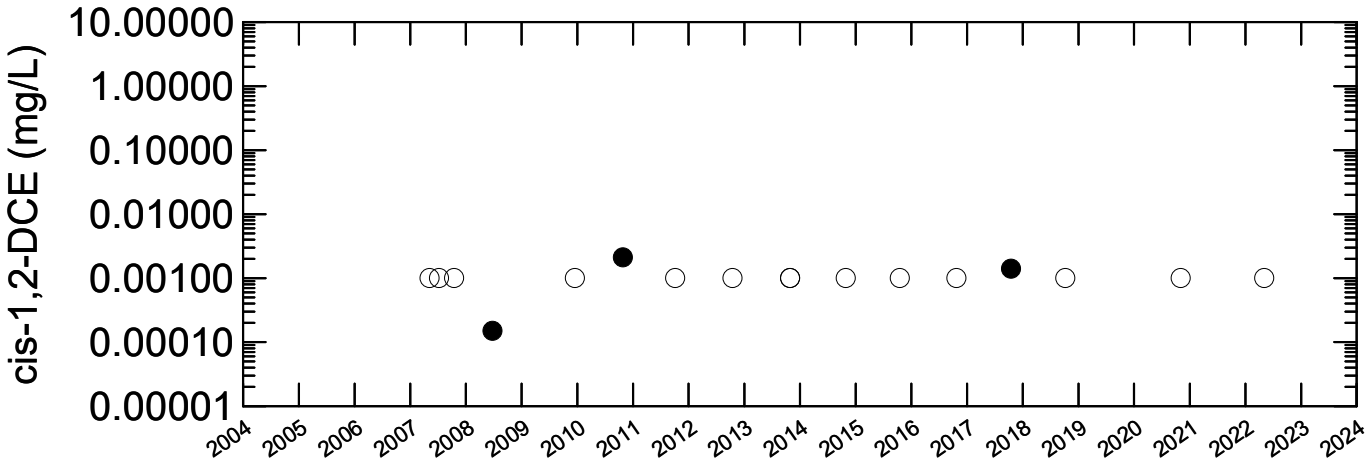
Notes:
VOCs - Volatile Organic Compounds

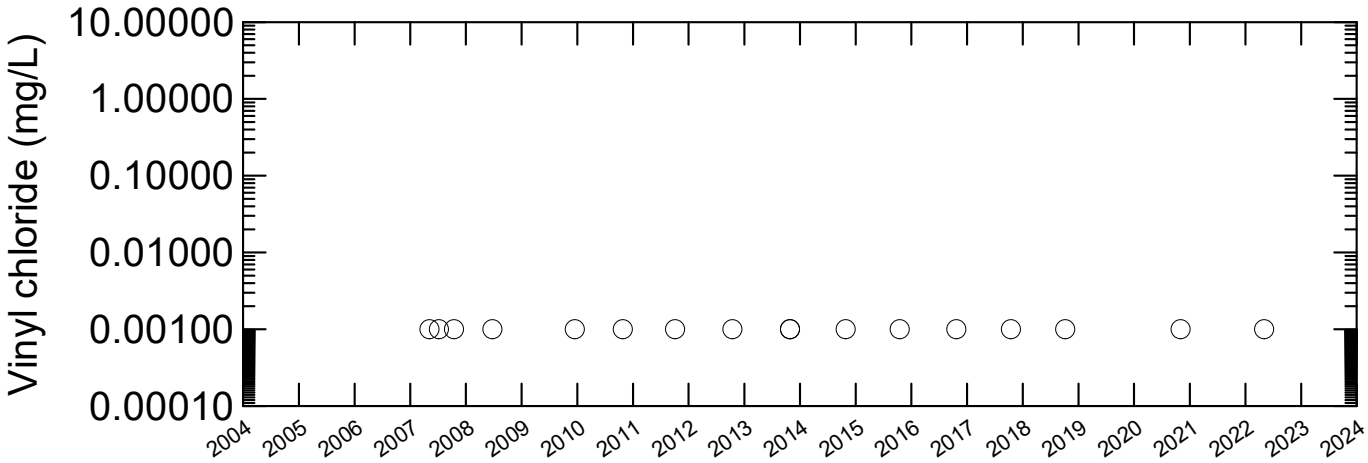
Method Reference:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions
"-" - Not applicable

Appendix C

Groundwater Data Analysis Tables and Concentration vs. Time Graphs







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

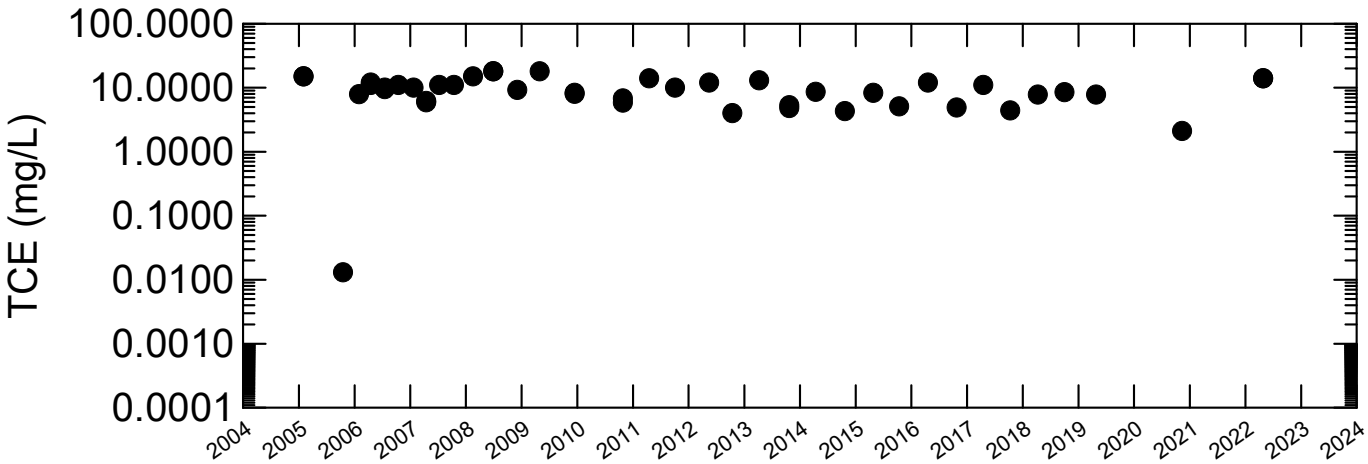
GHD

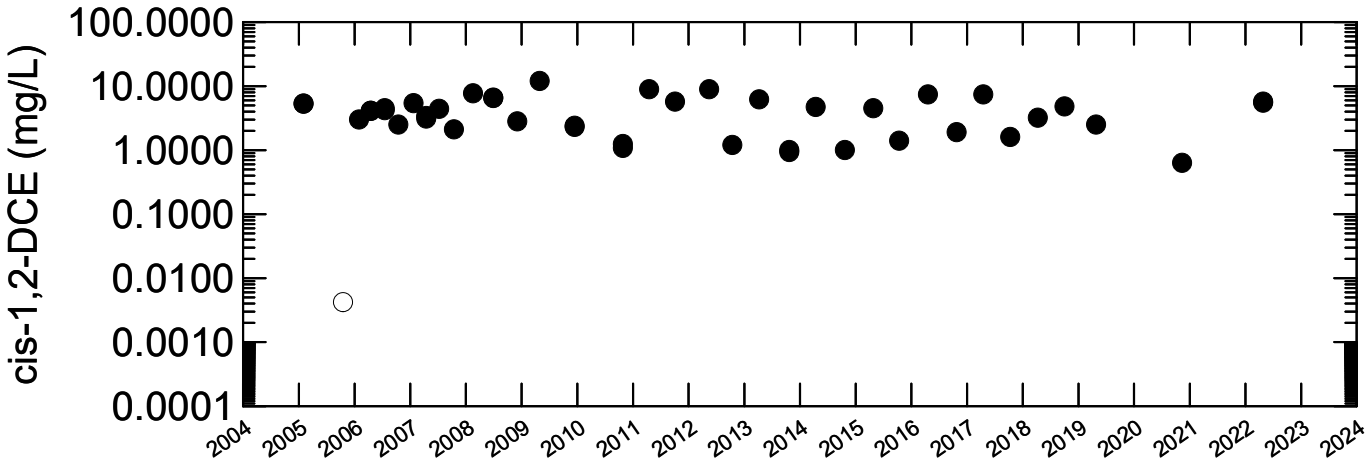
Revitalizing Auto Communities Environmental Response Trust
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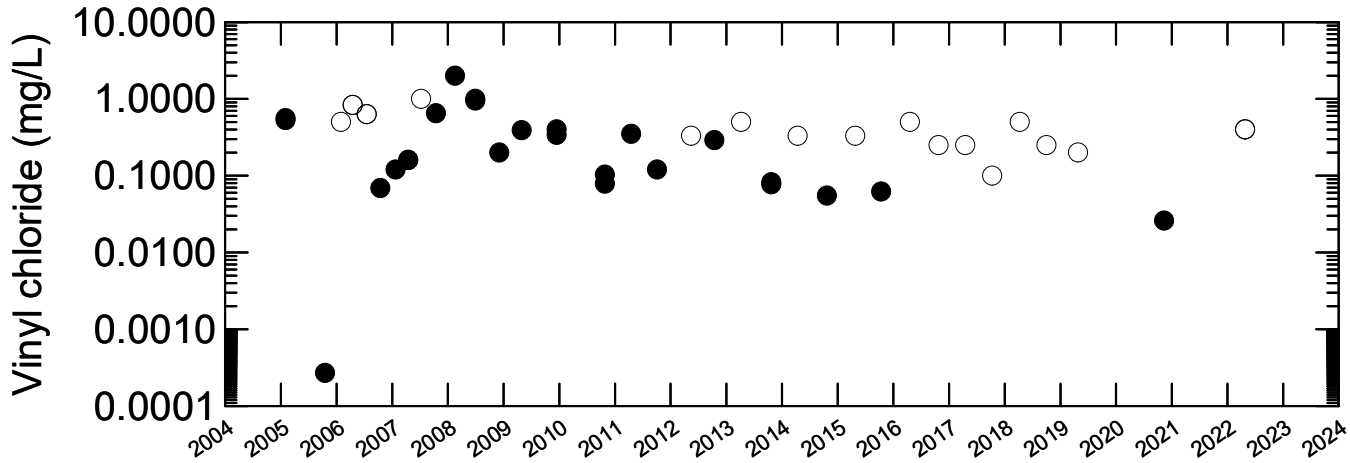
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW-2







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

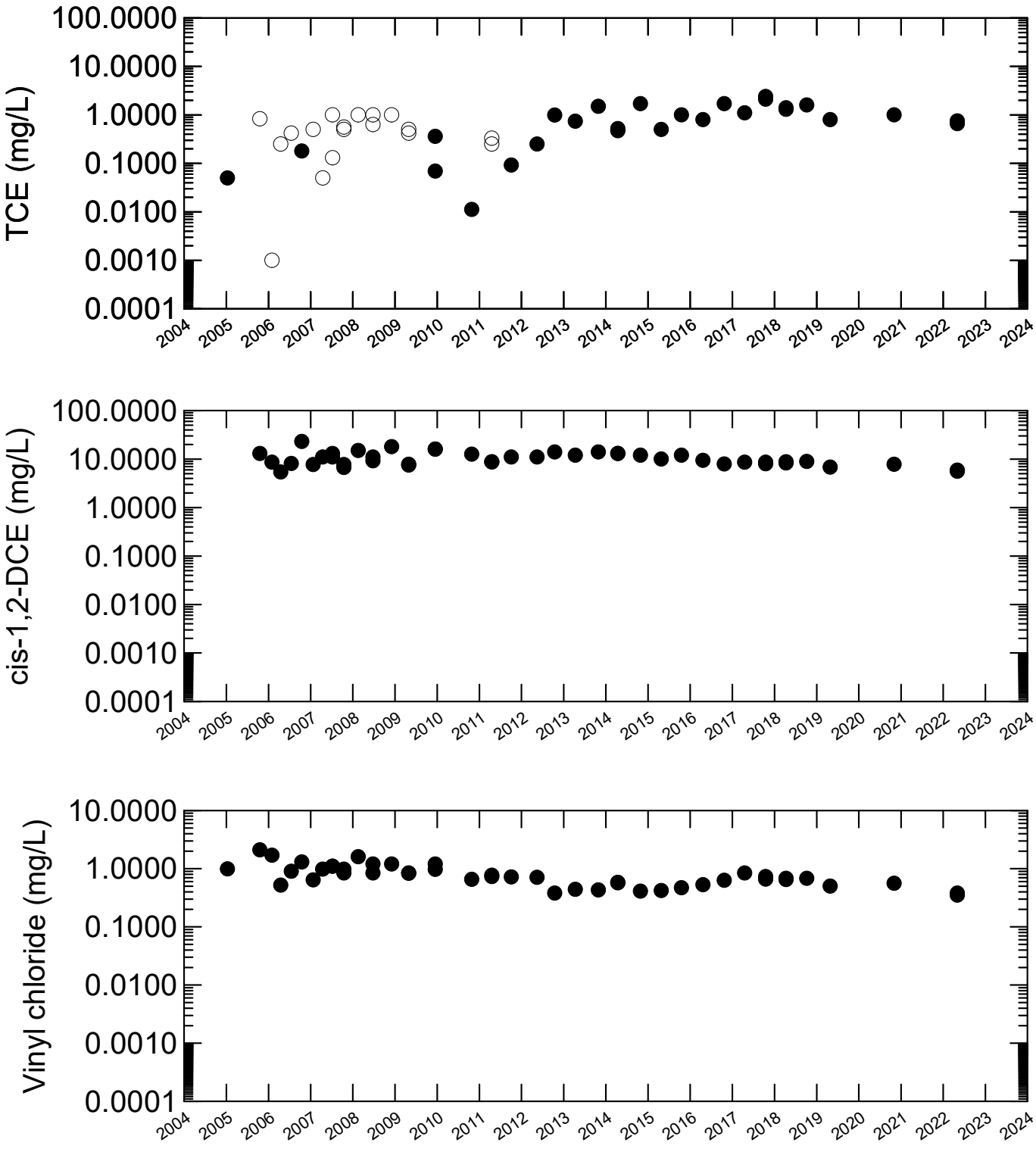
GHD

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ANALYTE CONCENTRATION vs. TIME

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WELL MW 3



Legend:

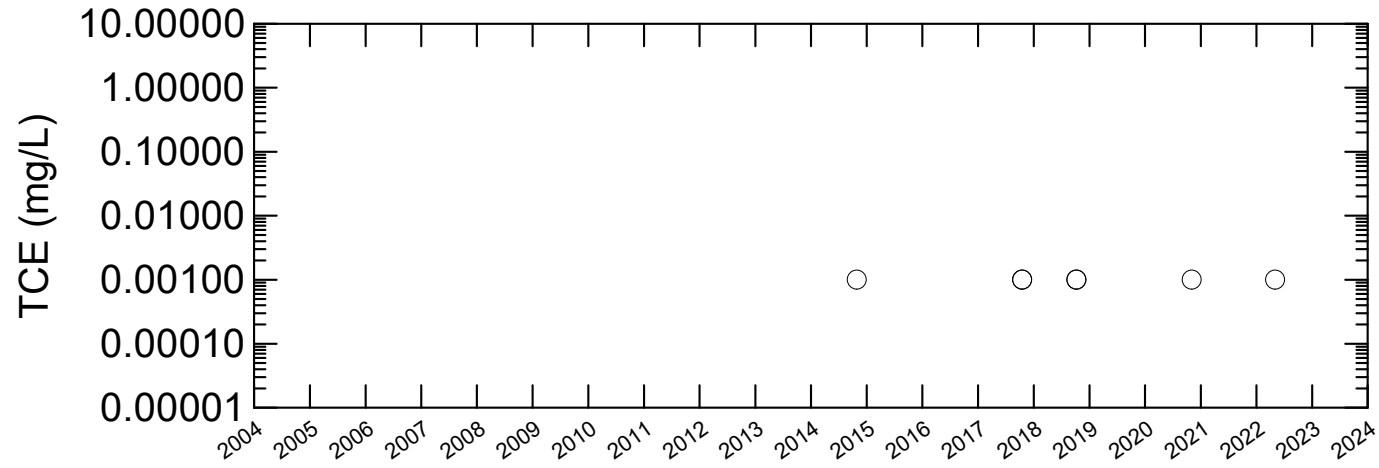
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

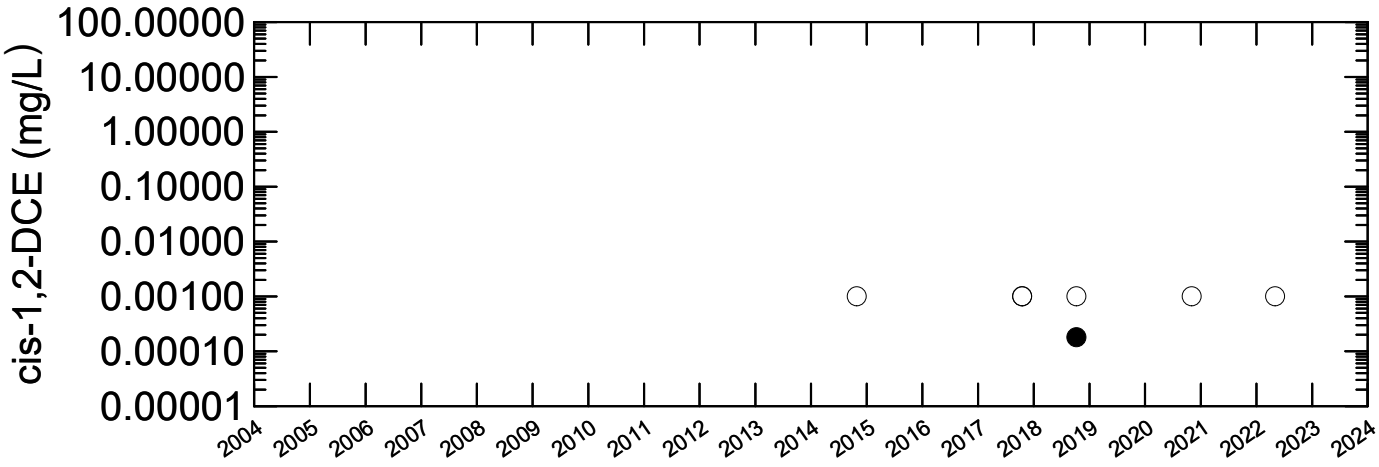
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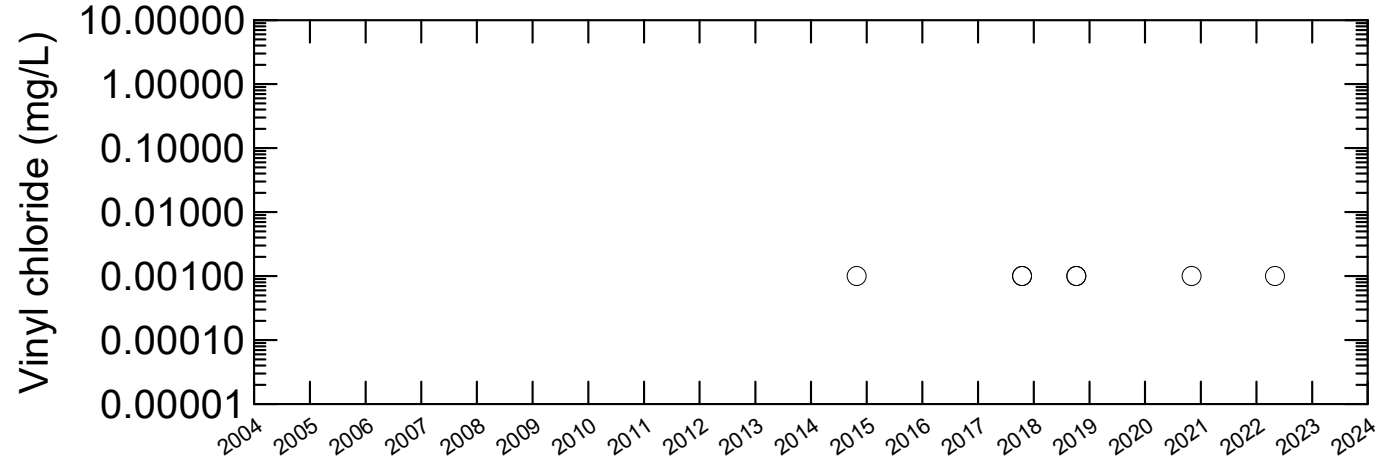
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW-4







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

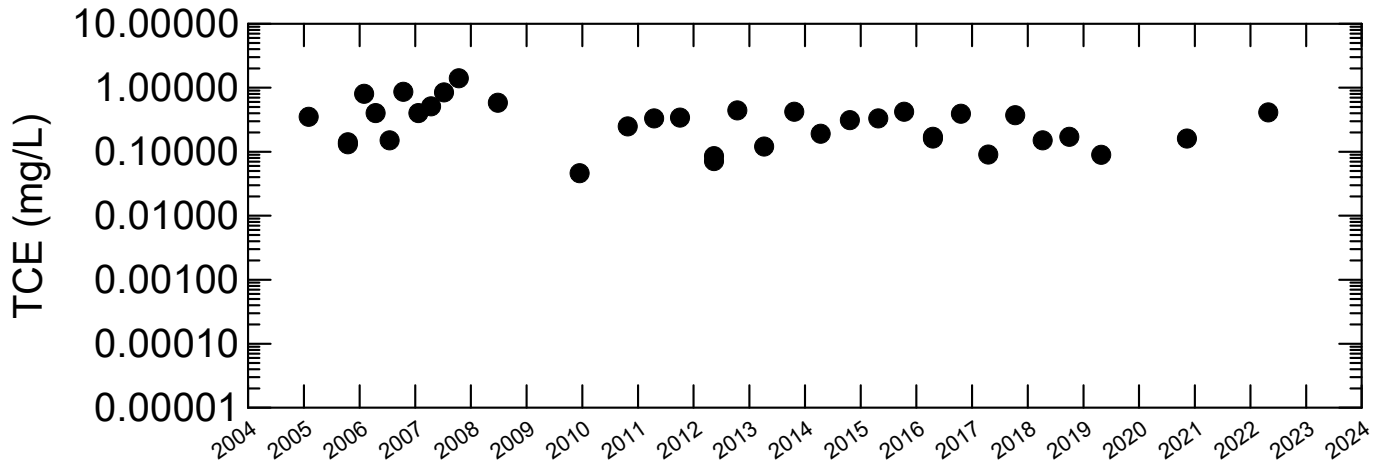
GHD

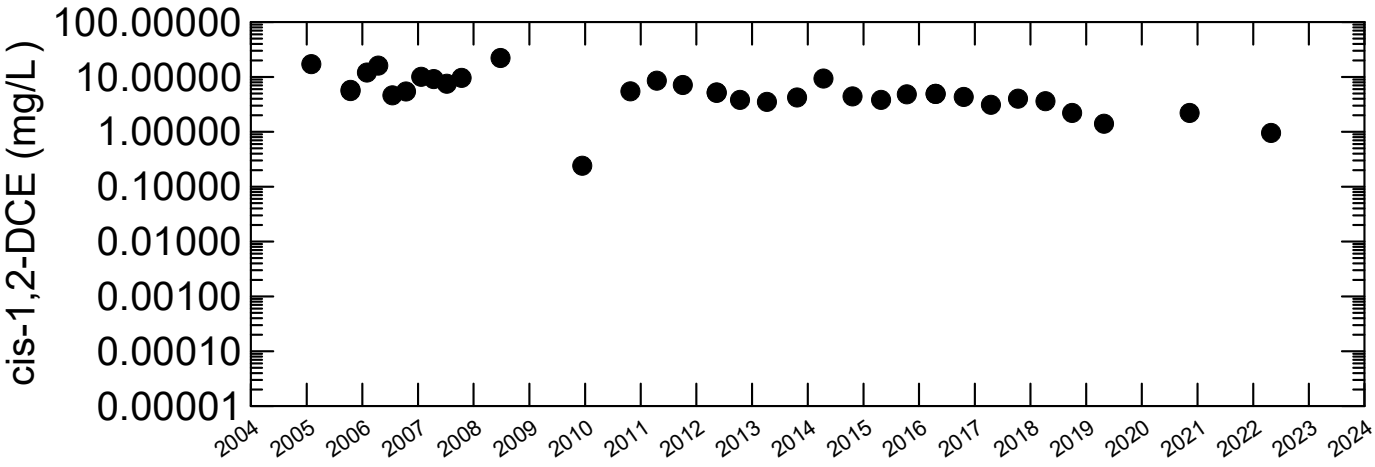
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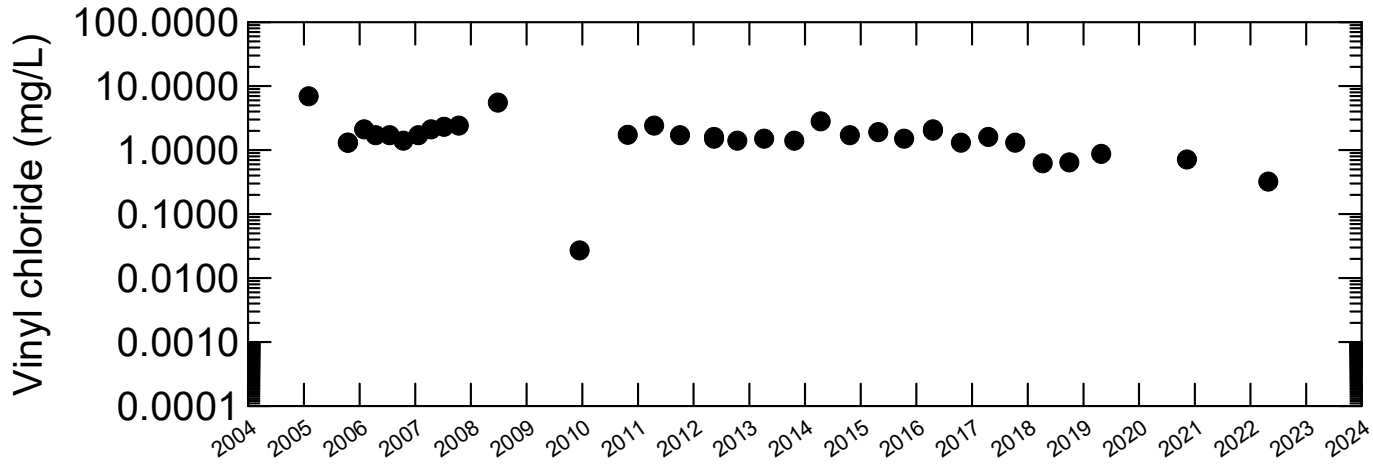
2022 GROUNDWATER MONITORING REPORT
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WELL MW-7







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

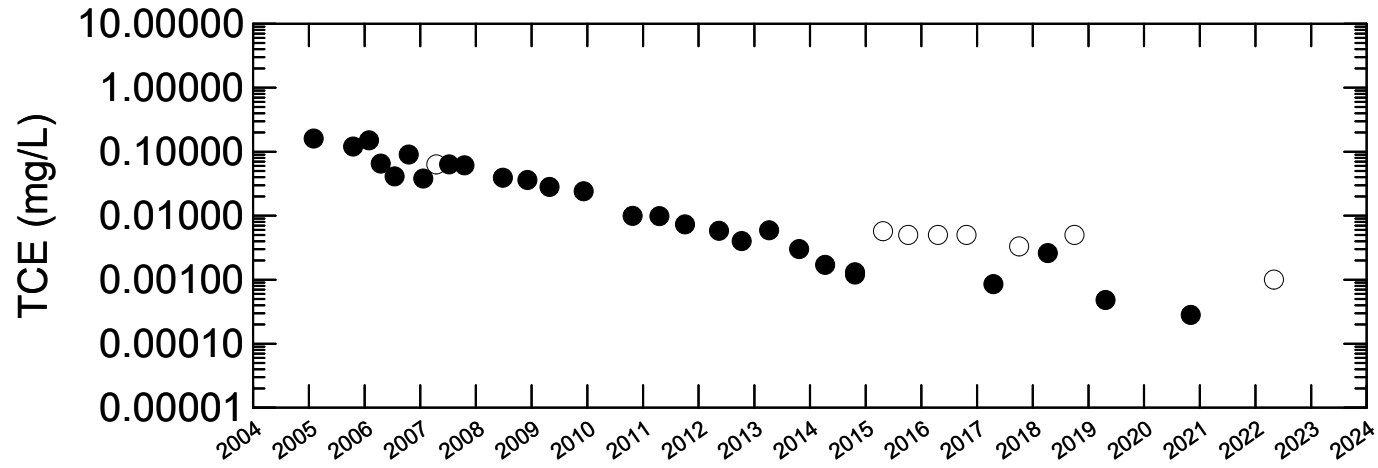
GHD

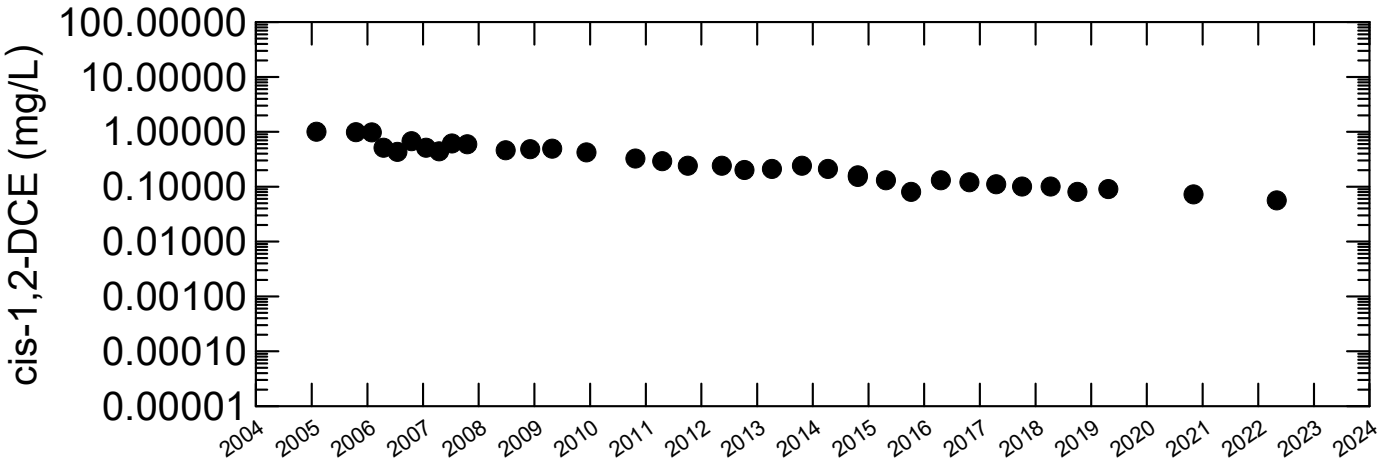
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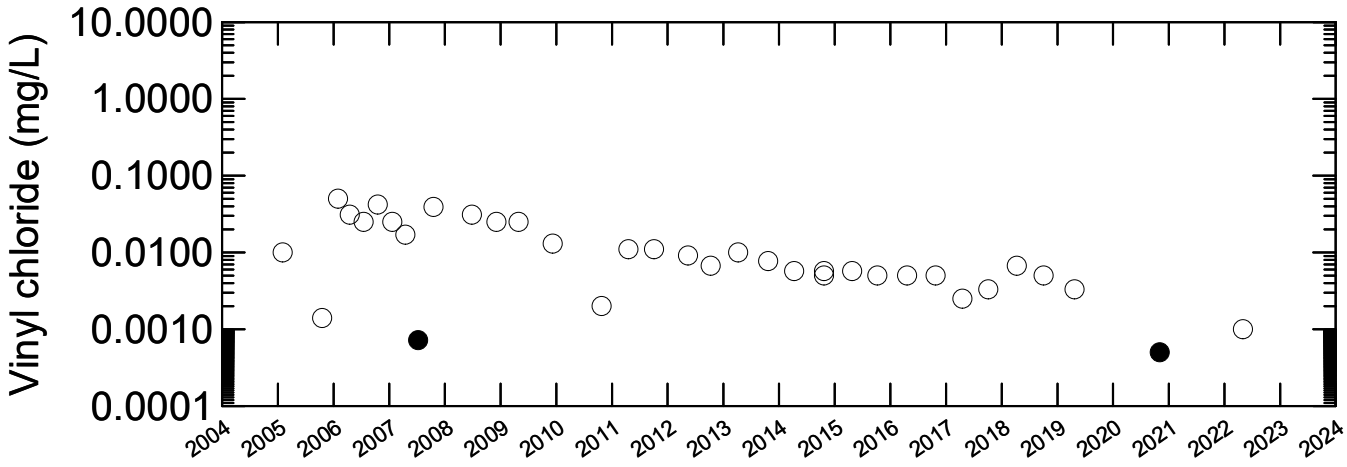
2022 GROUNDWATER MONITORING REPORT
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WELL MW 8







Legend:

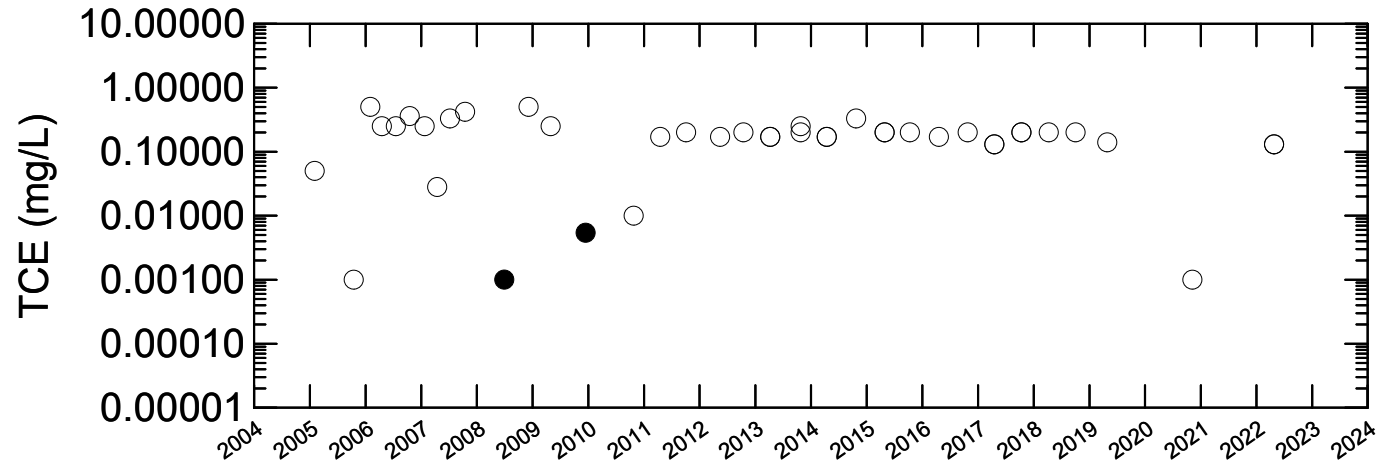
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

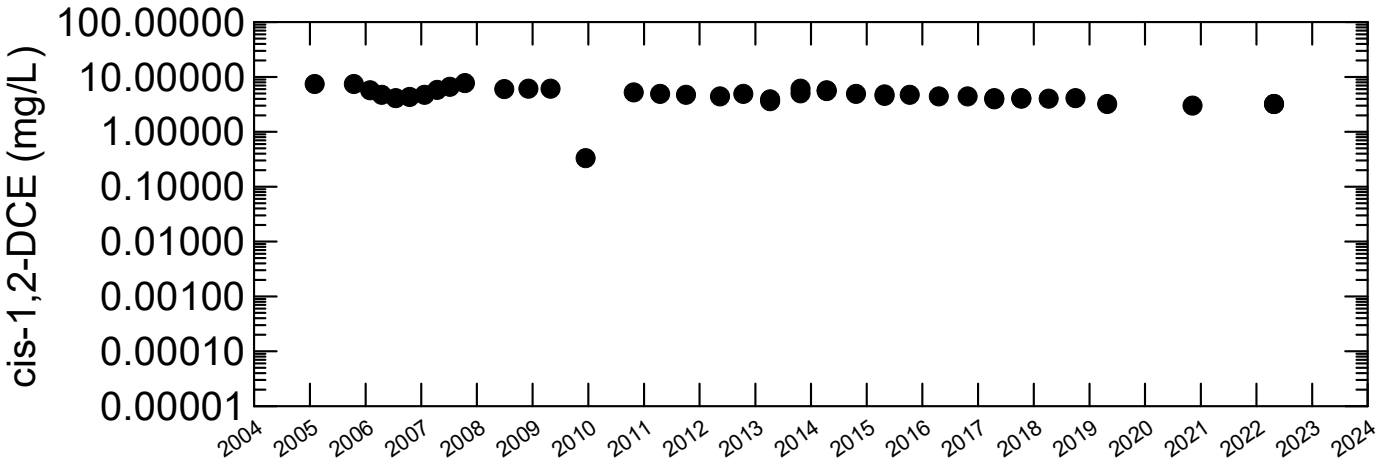
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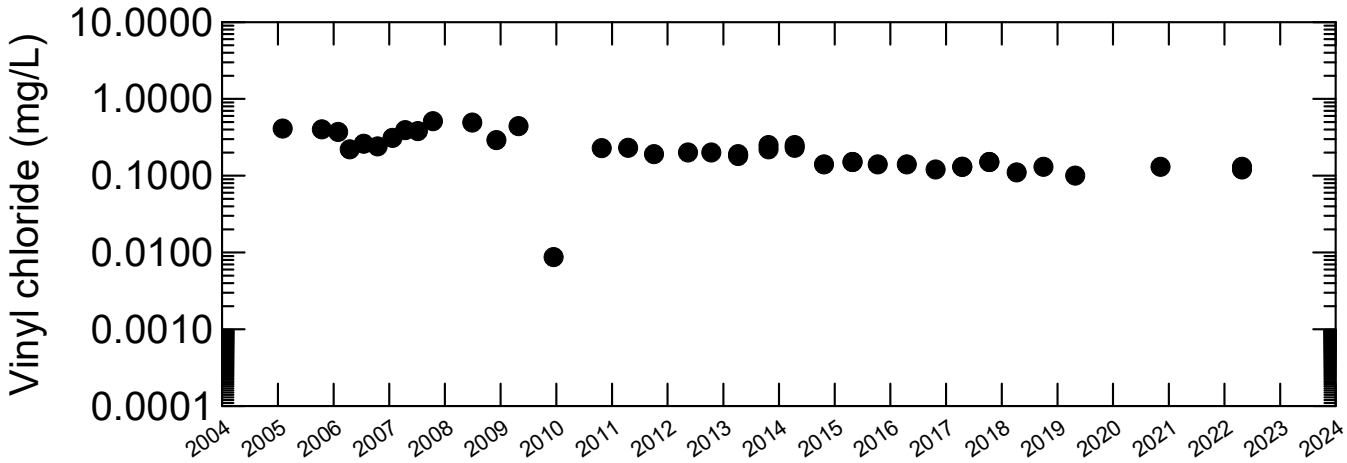
2022 GROUNDWATER MONITORING REPORT
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WELL MW 12







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

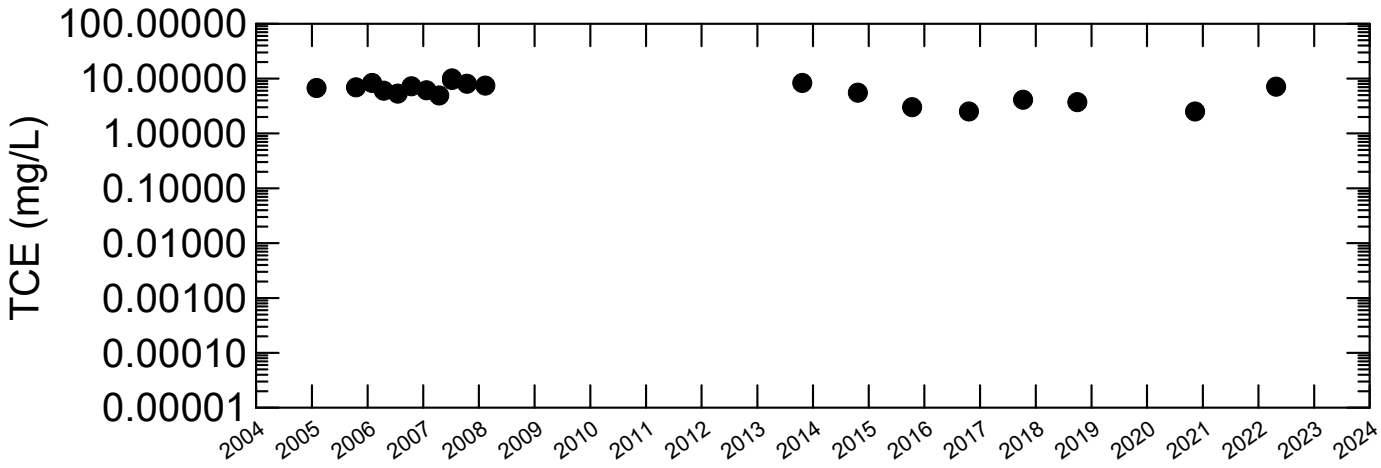
GHD

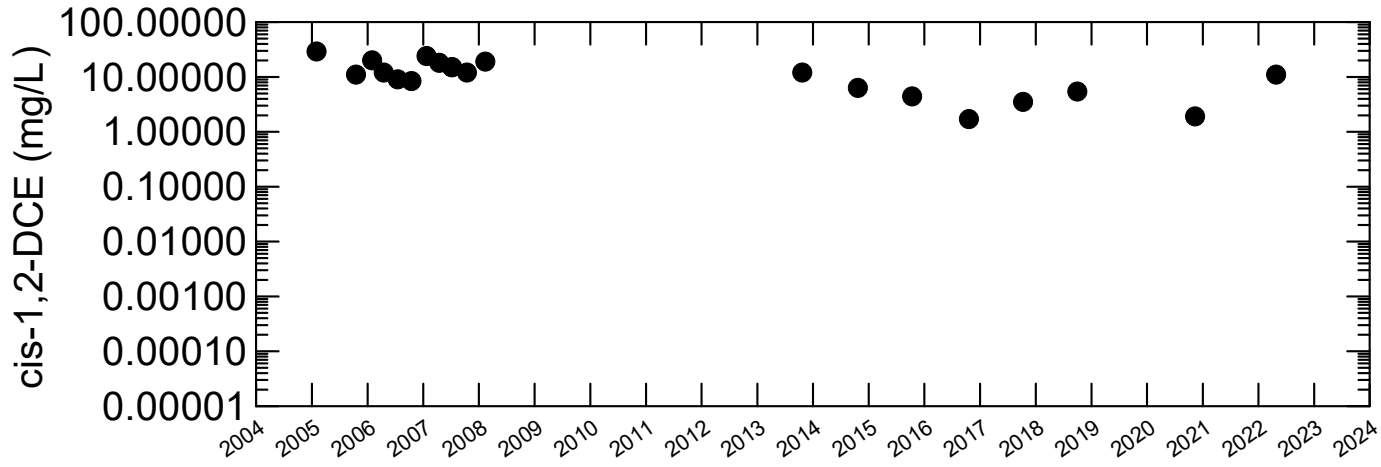
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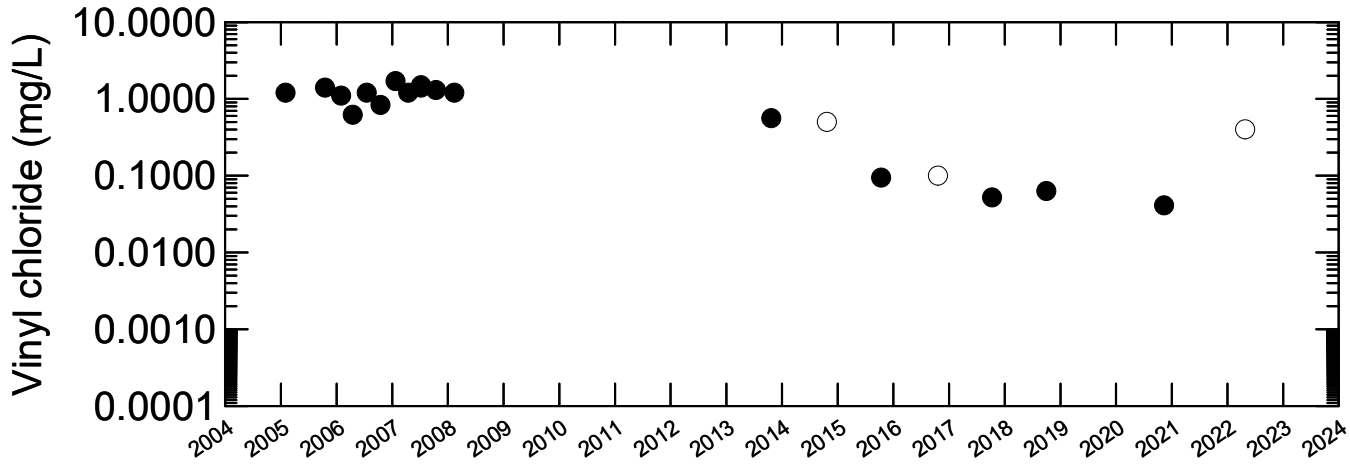
2022 GROUNDWATER MONITORING REPORT
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WELL MW 14







Legend:

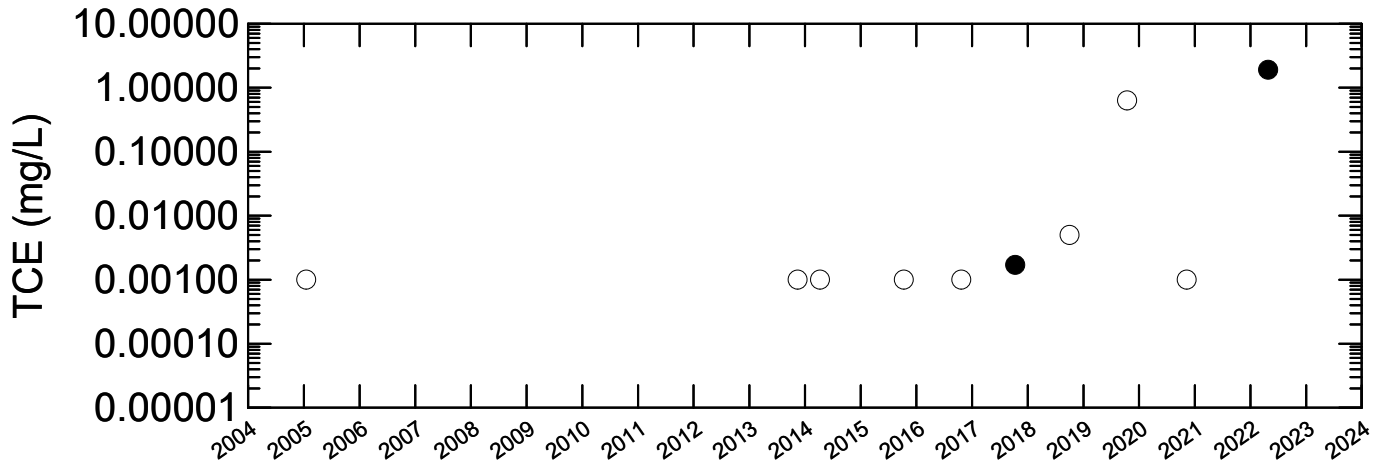
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

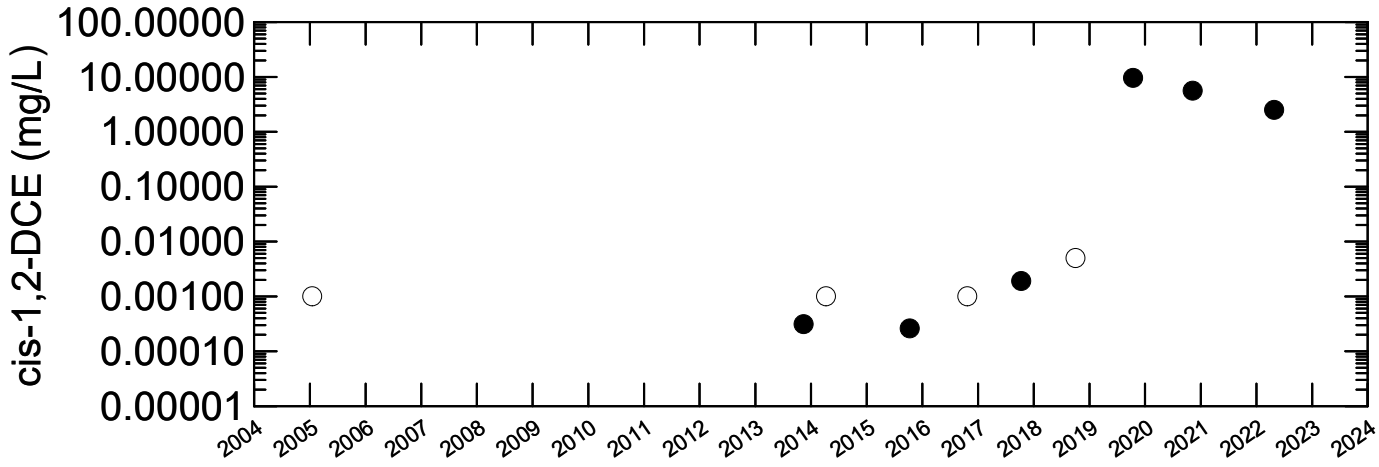
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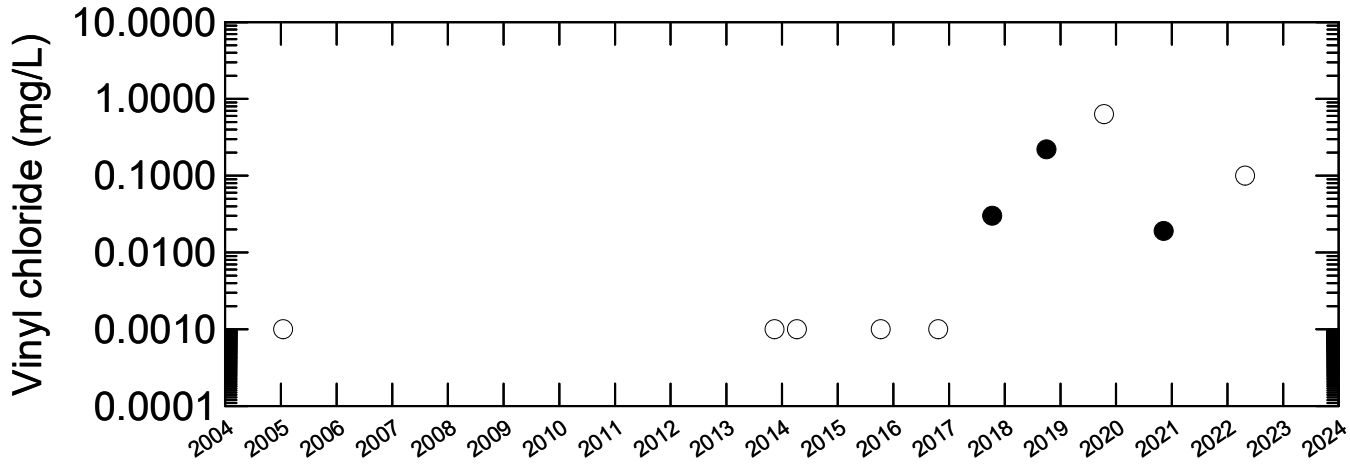
2022 GROUNDWATER MONITORING REPORT
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WELL MW 15







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

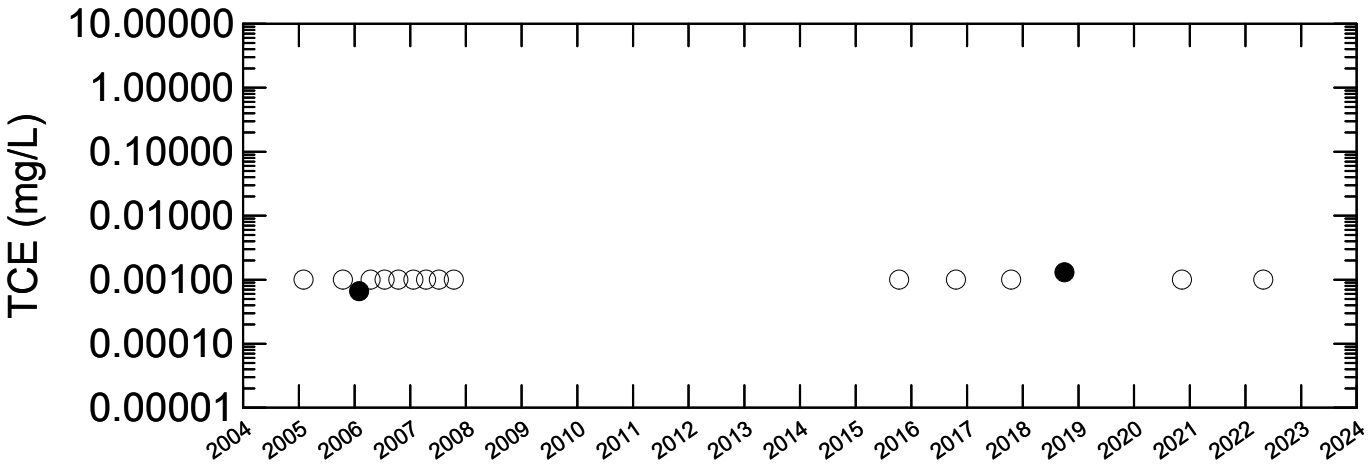
GHD

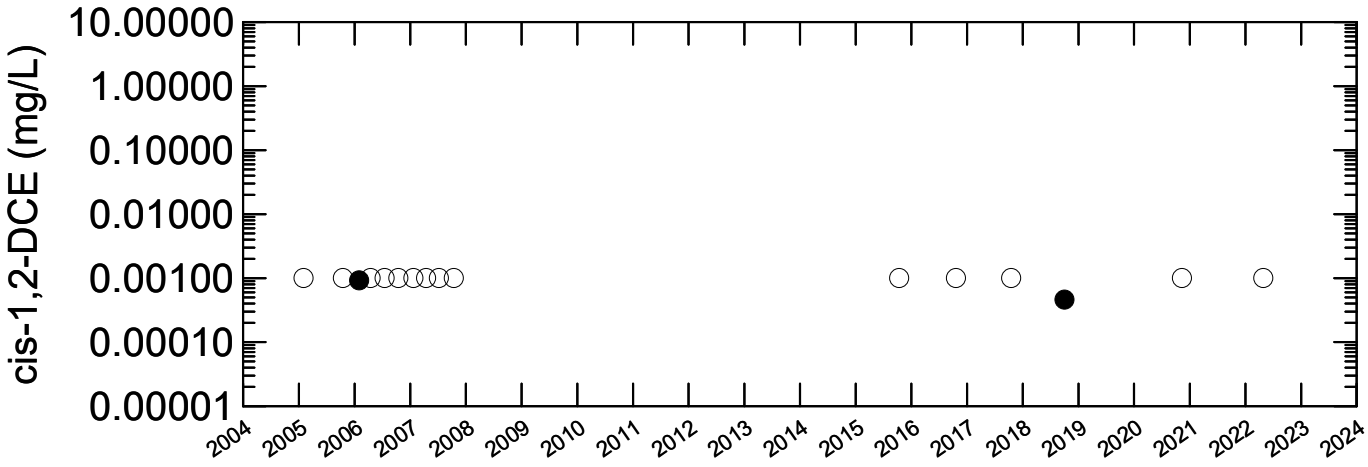
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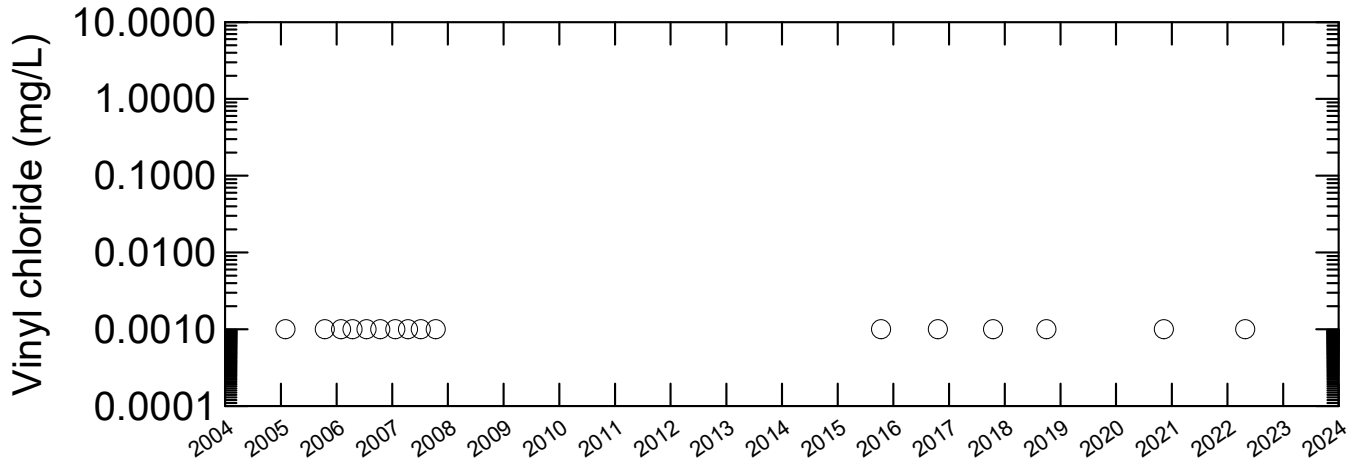
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
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WELL MW 16







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

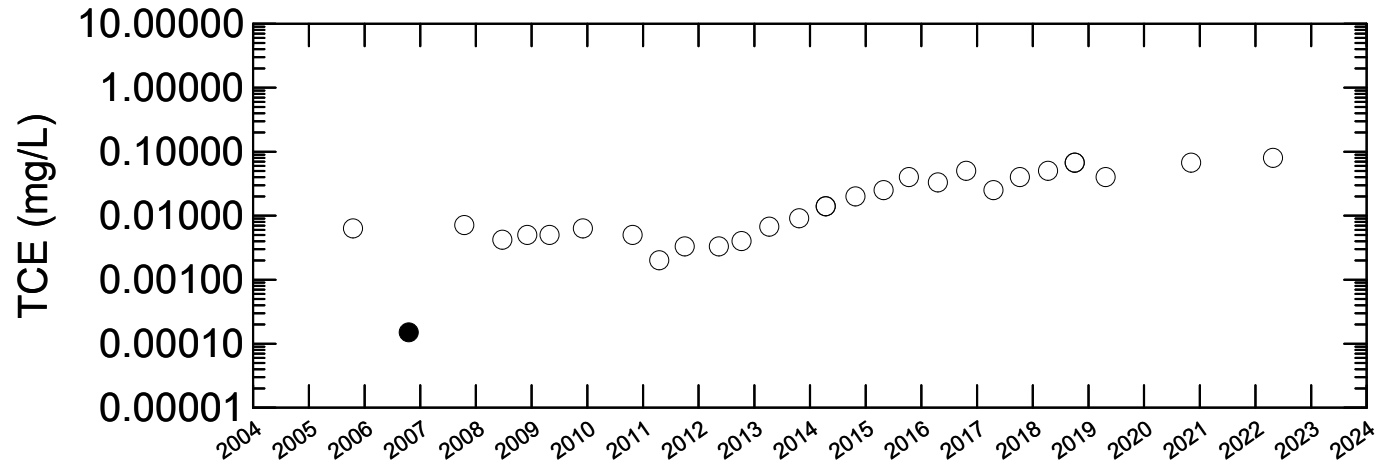
GHD

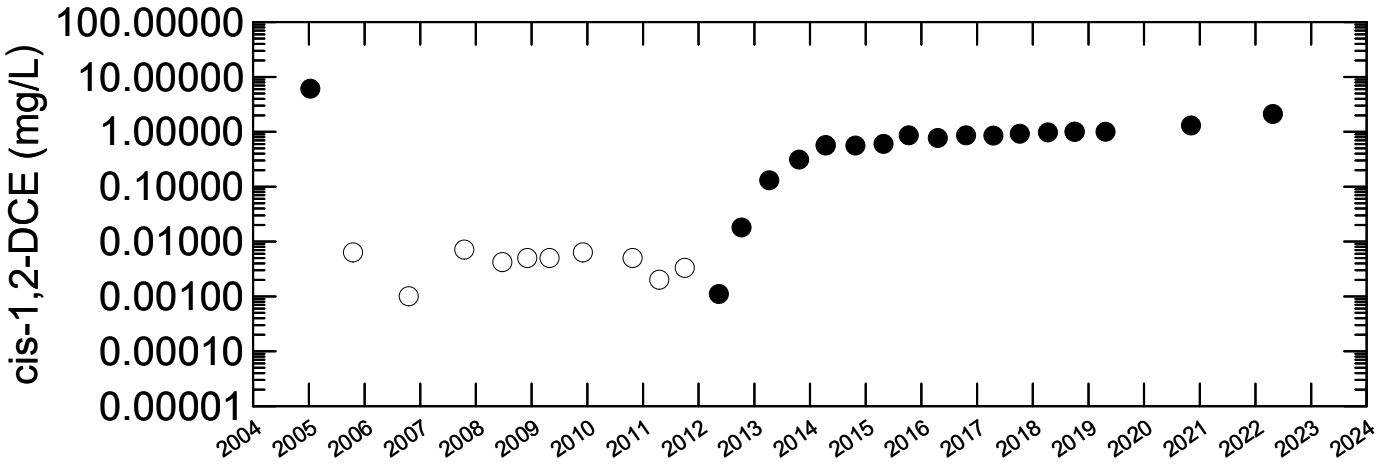
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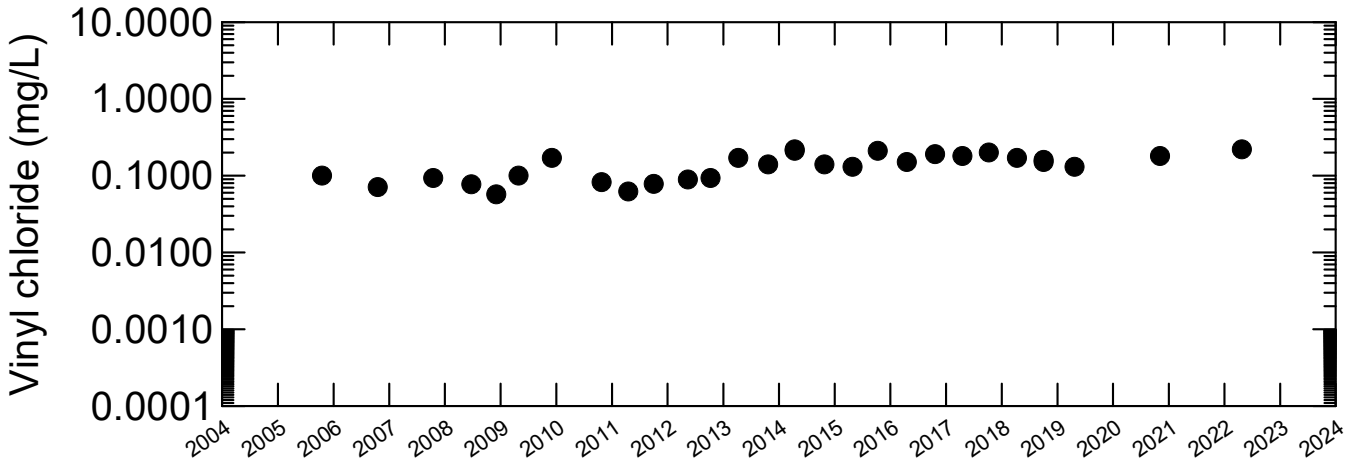
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
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WELL MW 21







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

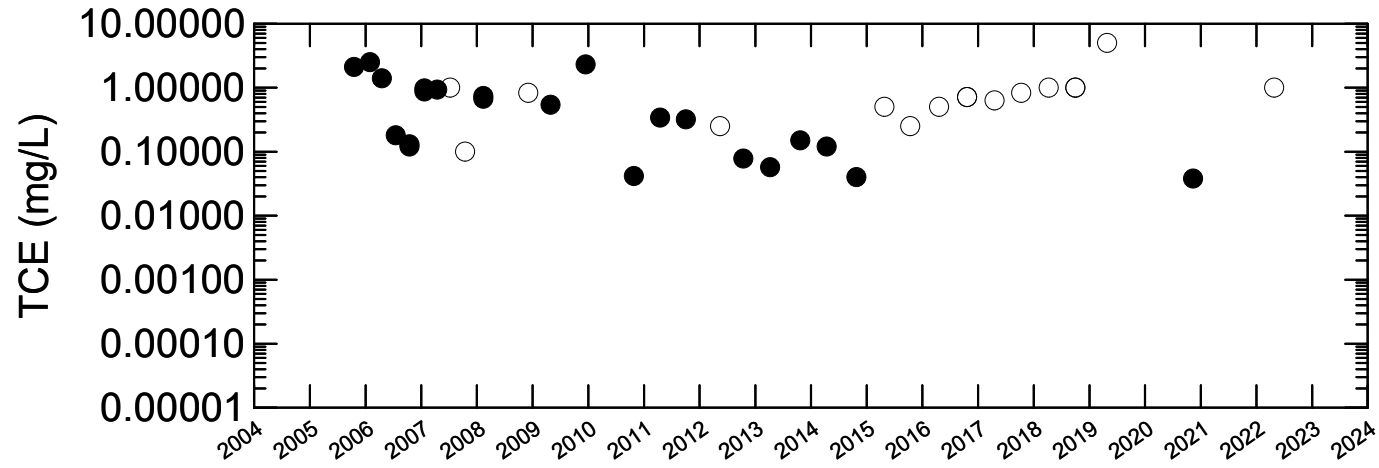
GHD

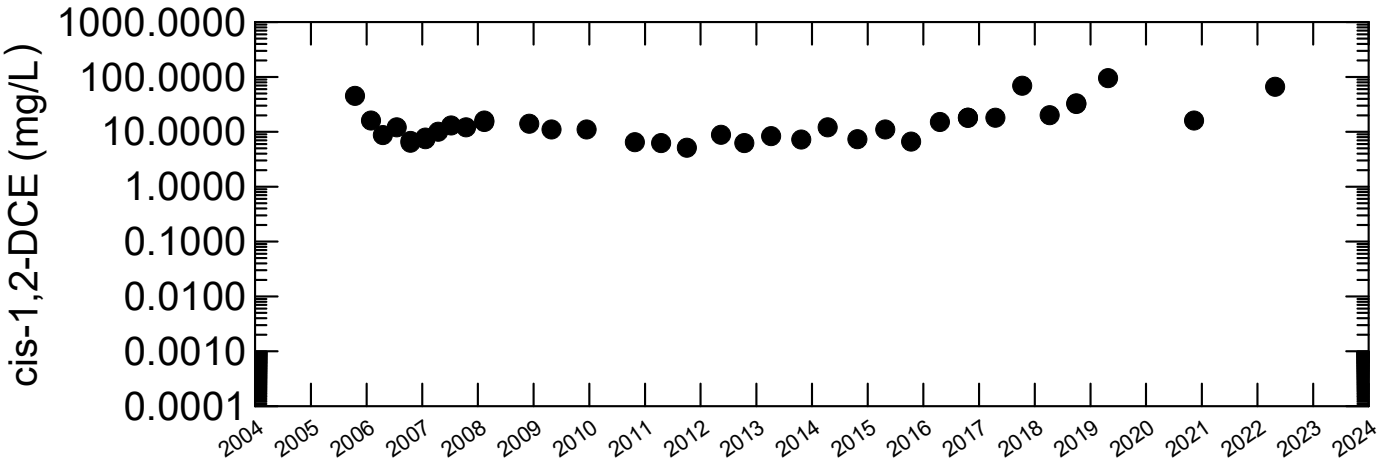
Revitalizing Auto Communities Environmental Response Trust
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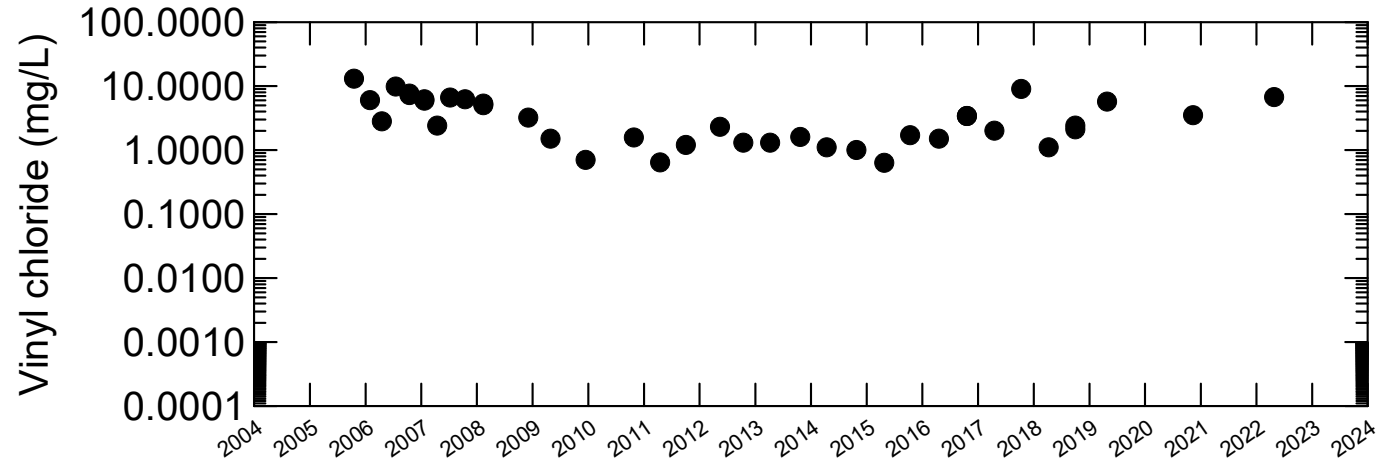
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
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WELL MW 28







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

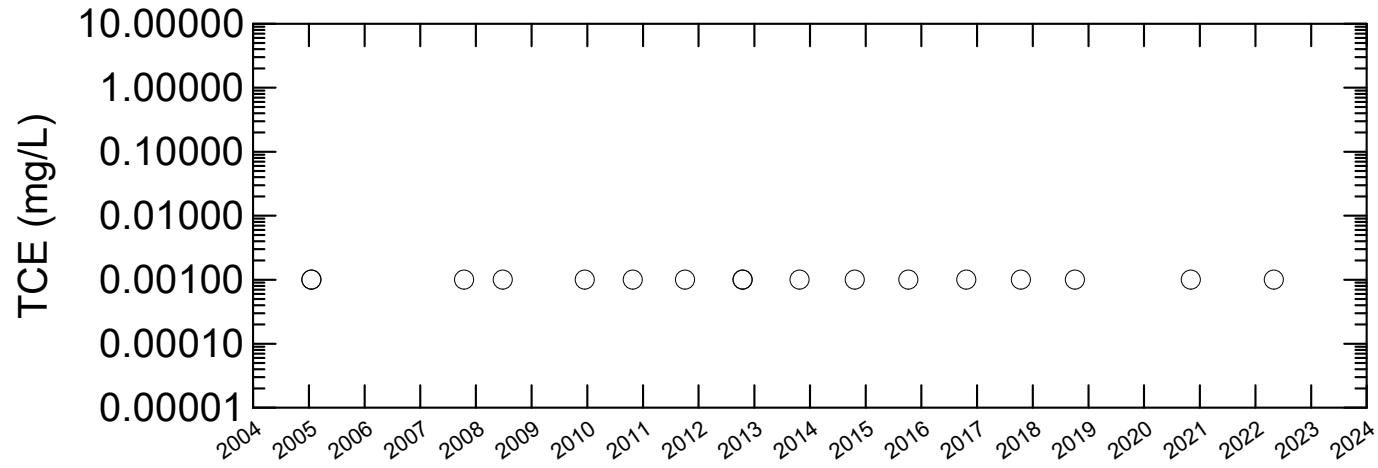
GHD

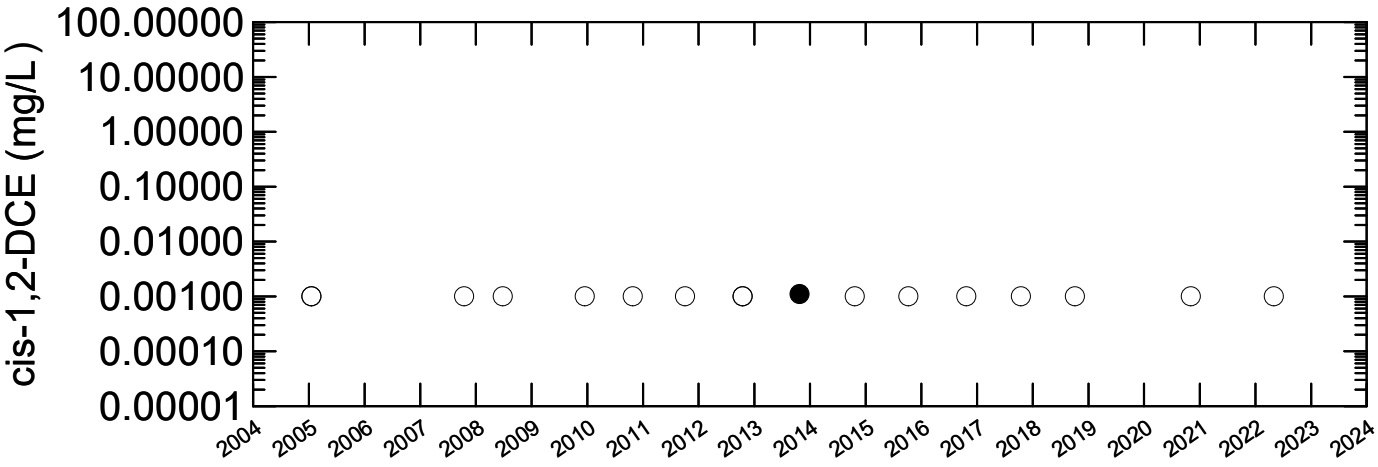
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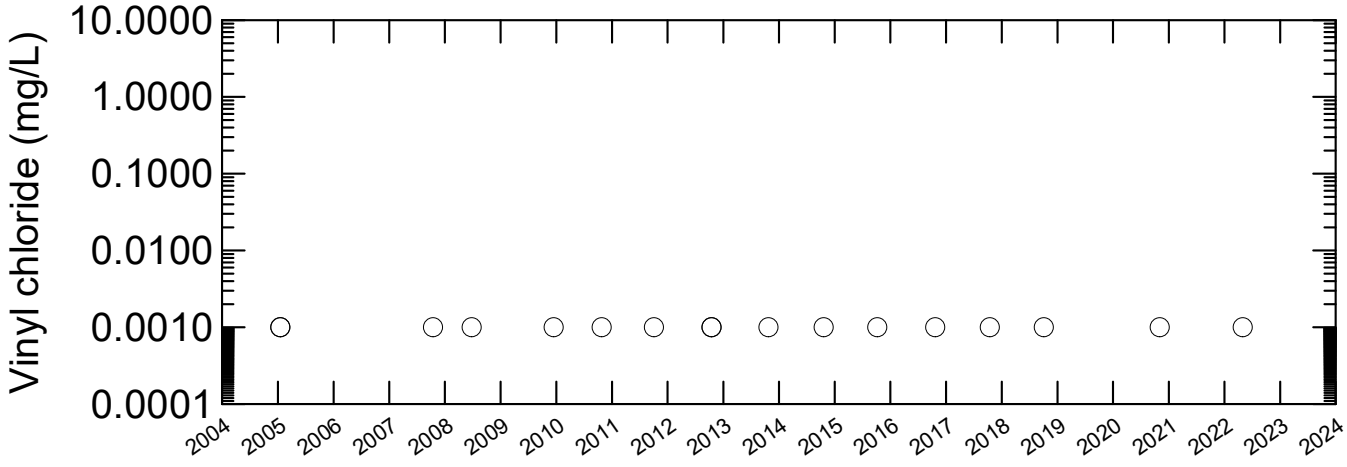
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 31R







Legend:

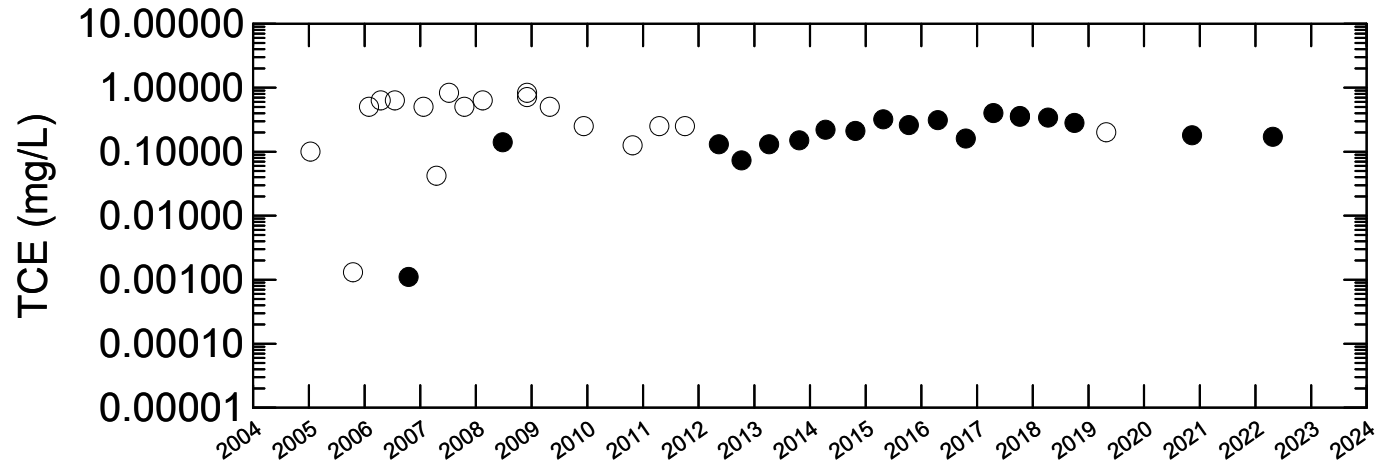
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

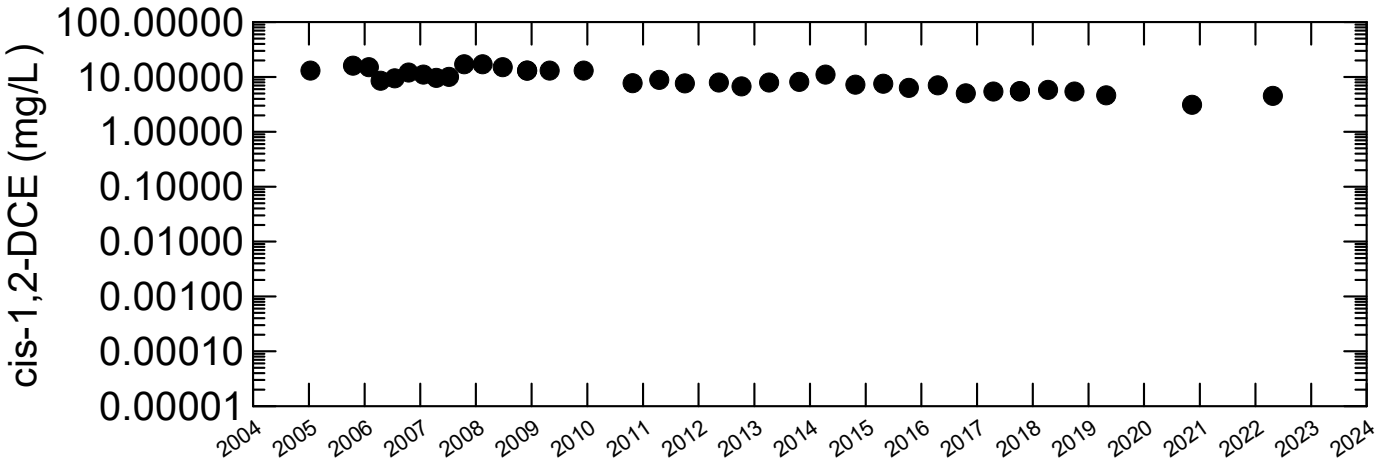
Revitalizing Auto Communities Environmental Response Trust
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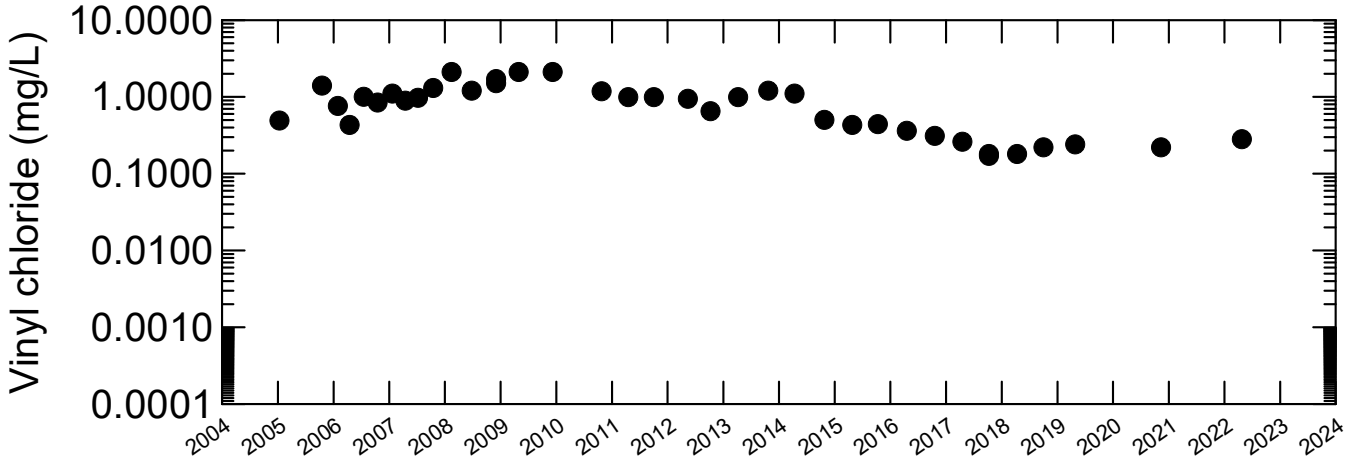
2022 GROUNDWATER MONITORING REPORT
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WELL MW 37







Legend:

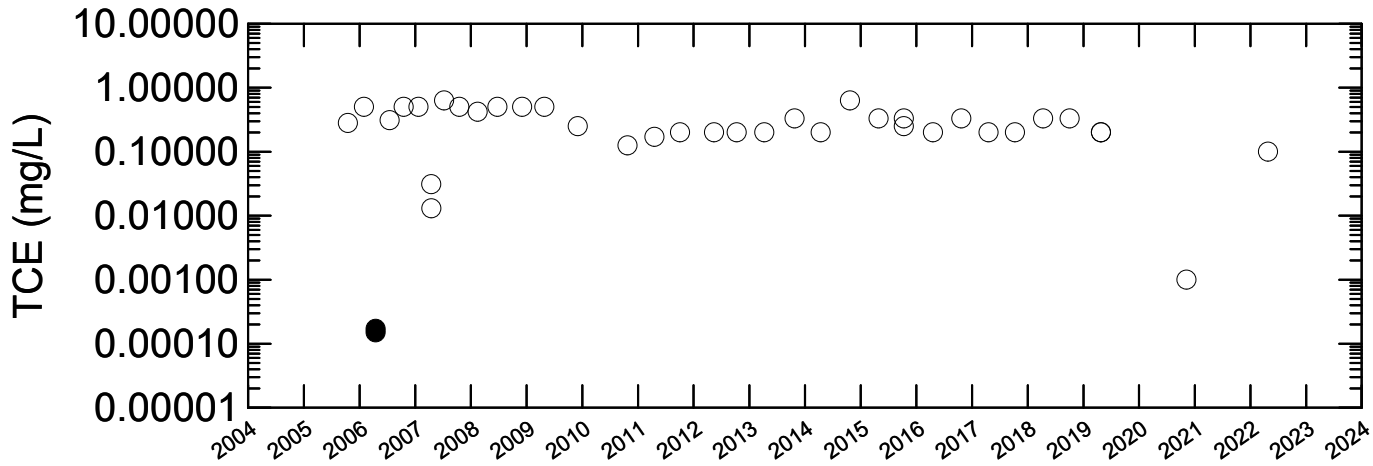
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

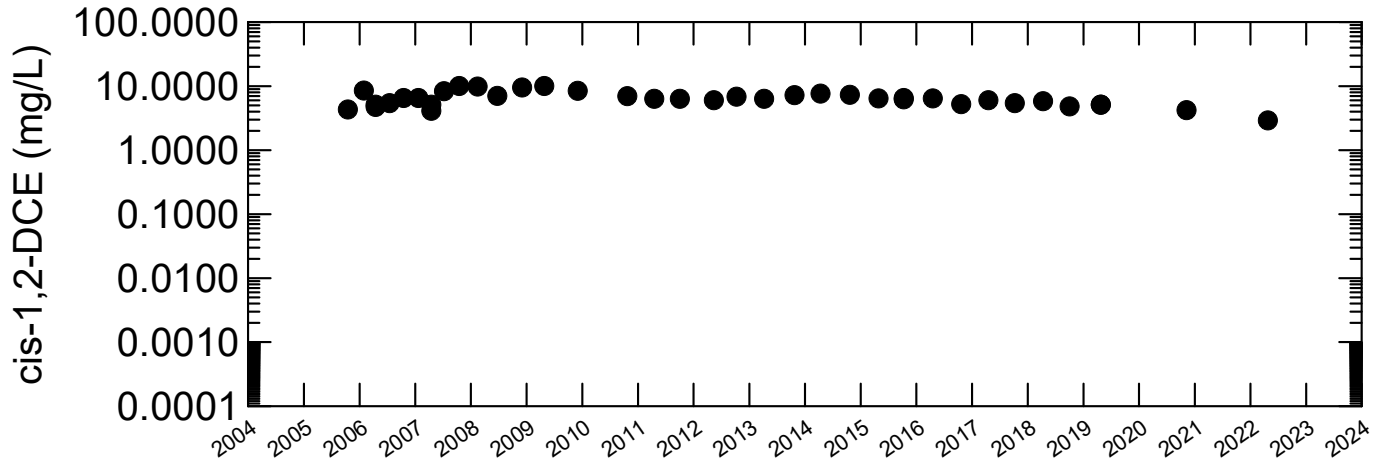
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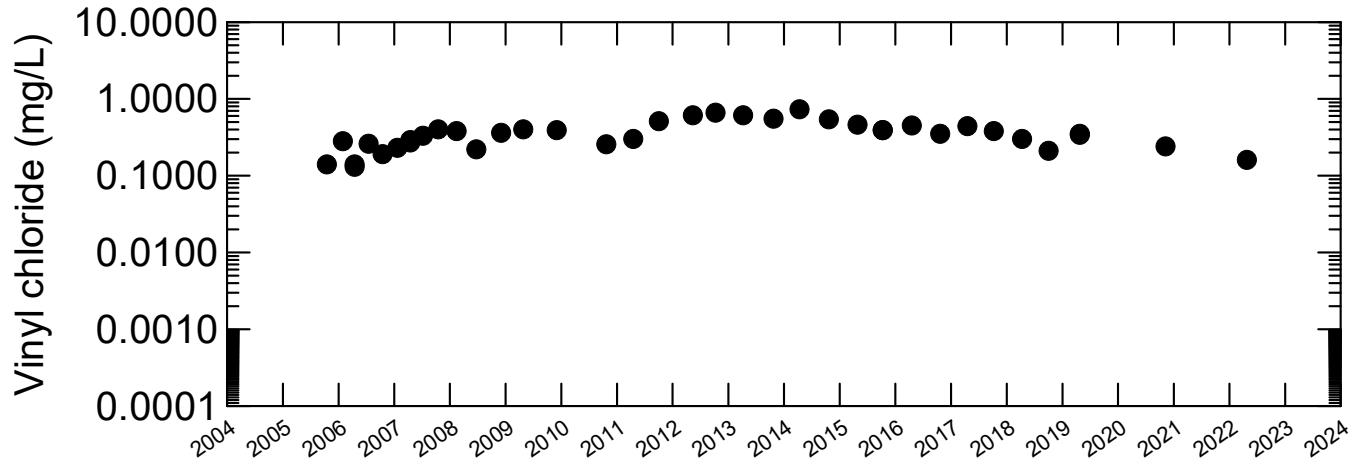
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 40







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

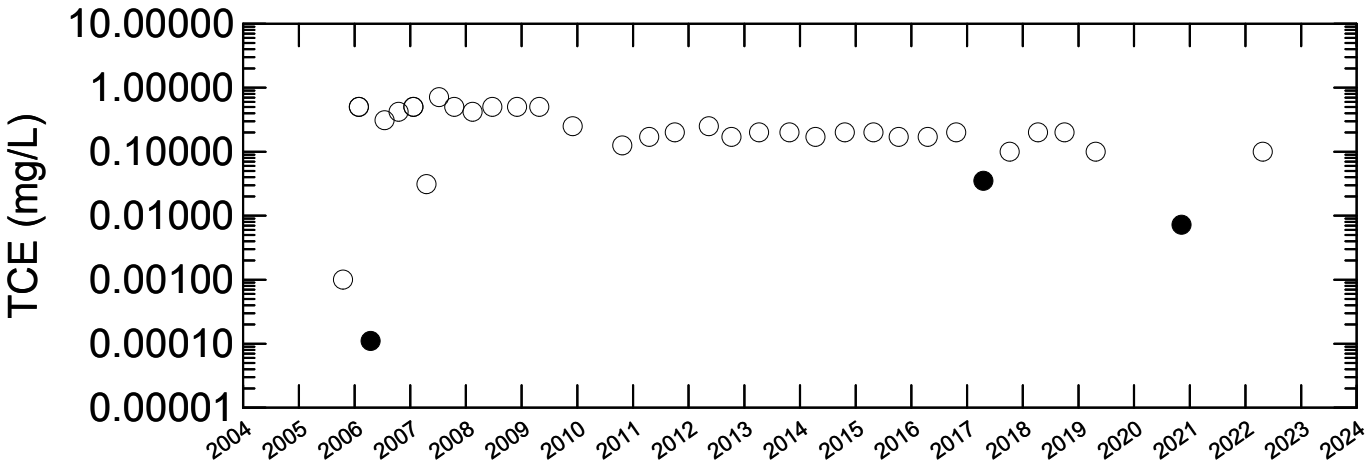
GHD

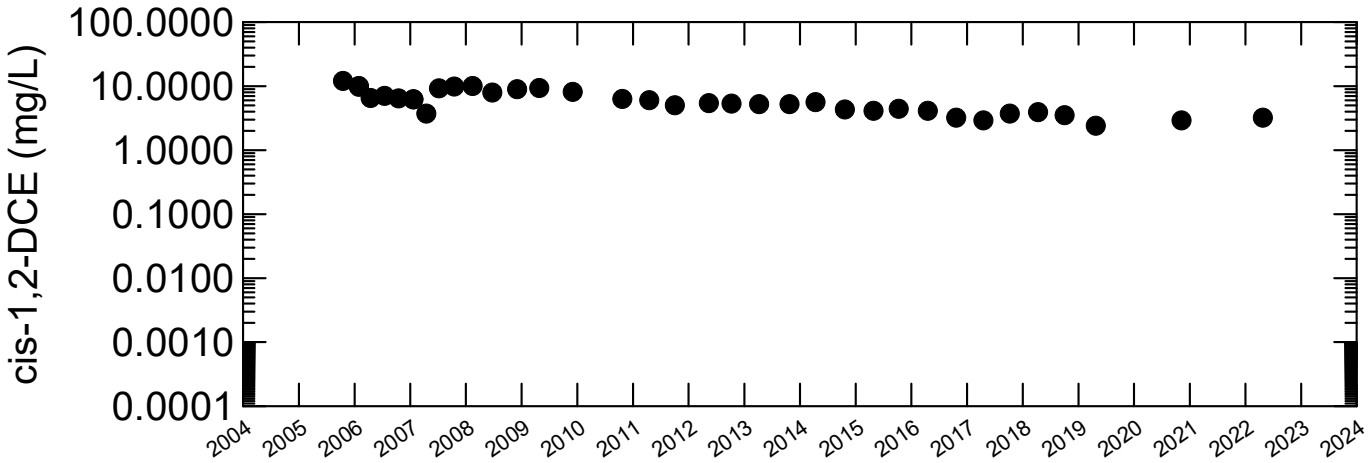
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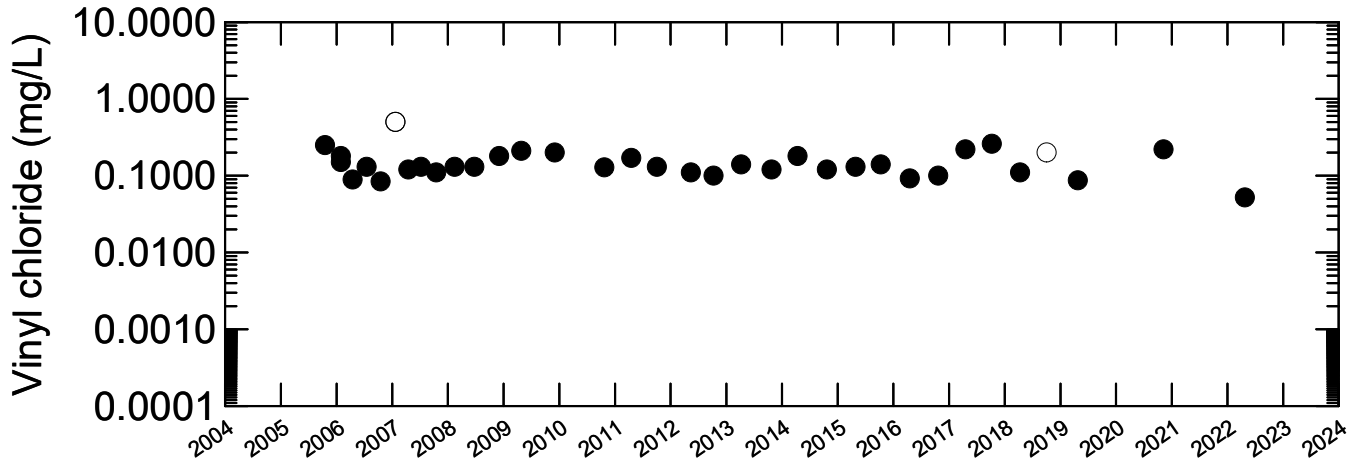
2022 GROUNDWATER MONITORING REPORT
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Project No. **11209506**
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WELL MW 41







Legend:

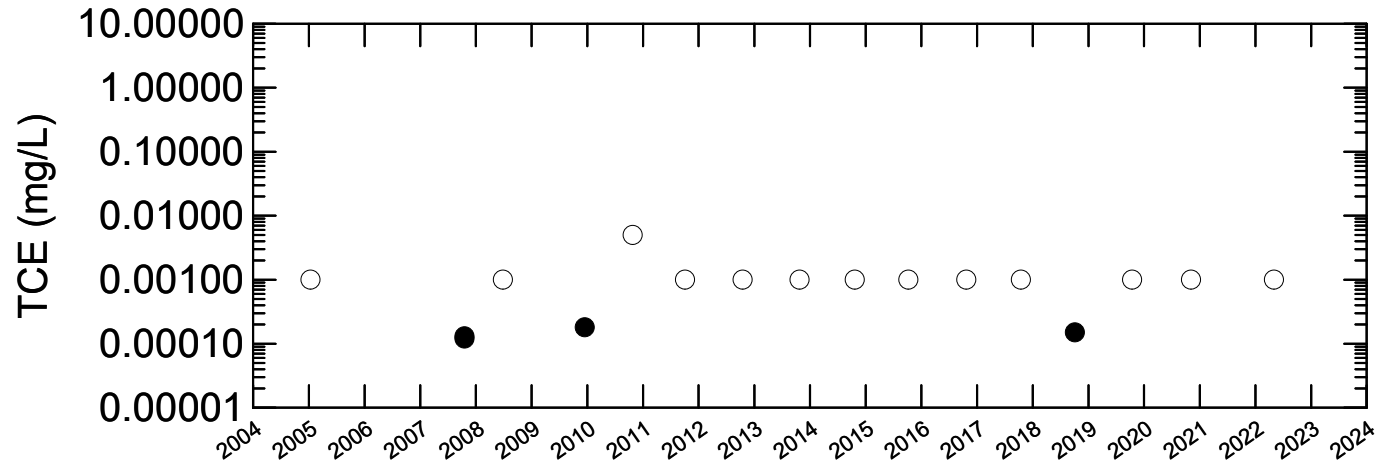
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

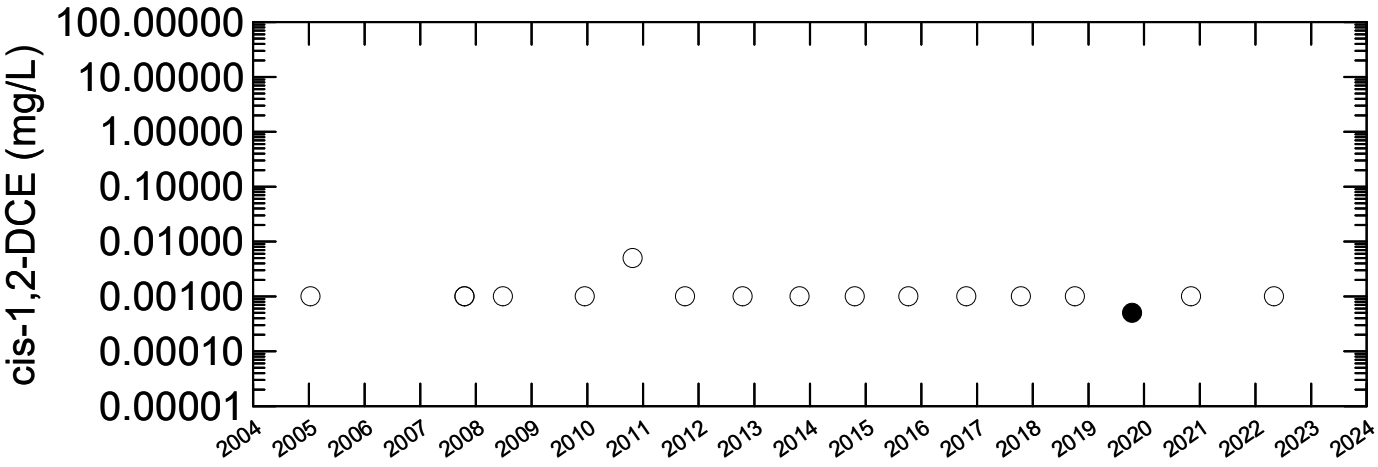
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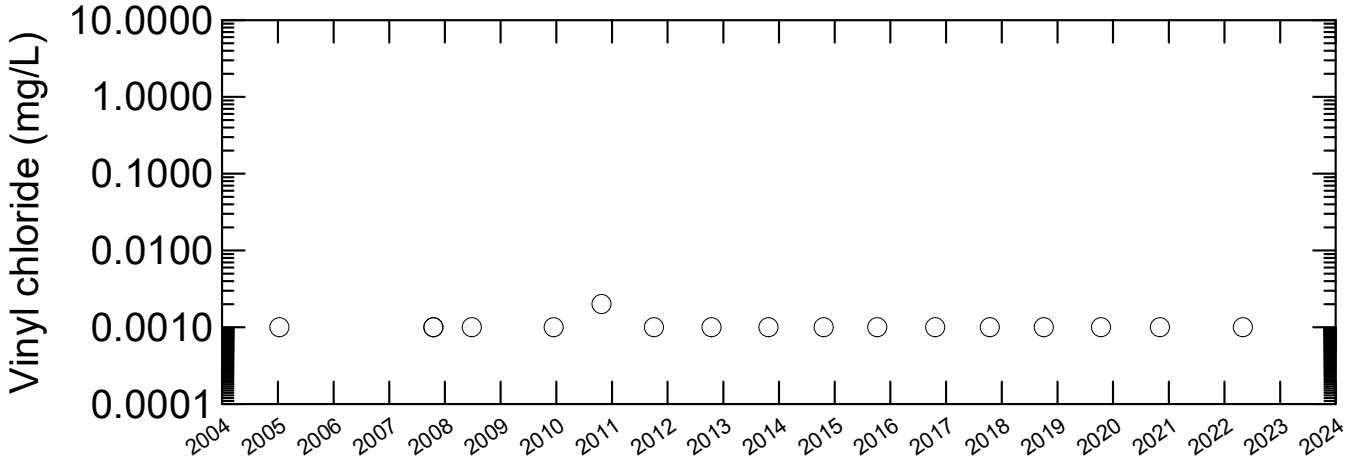
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 42







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

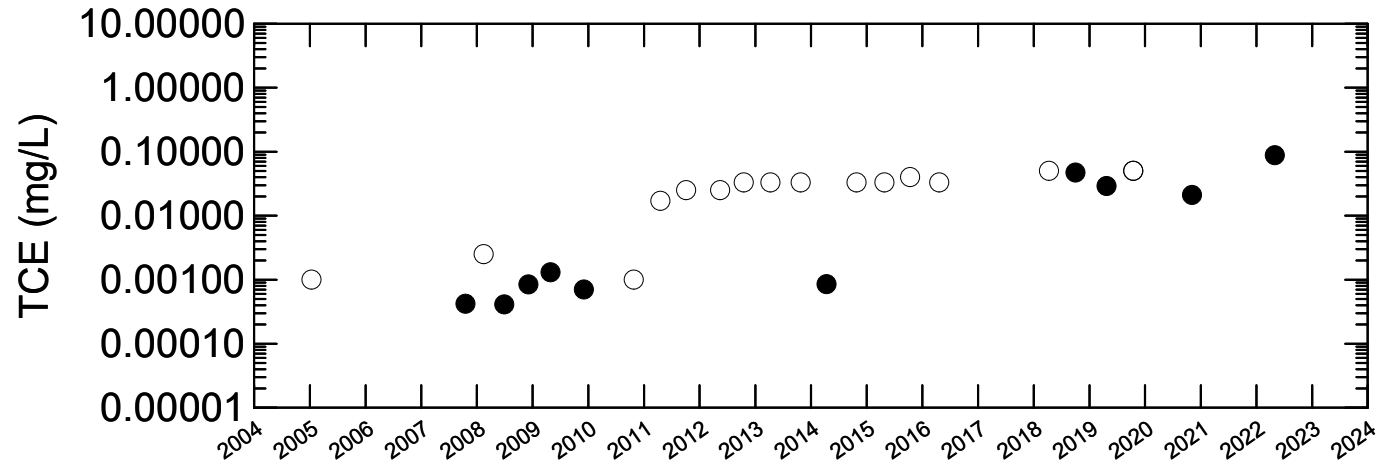
GHD

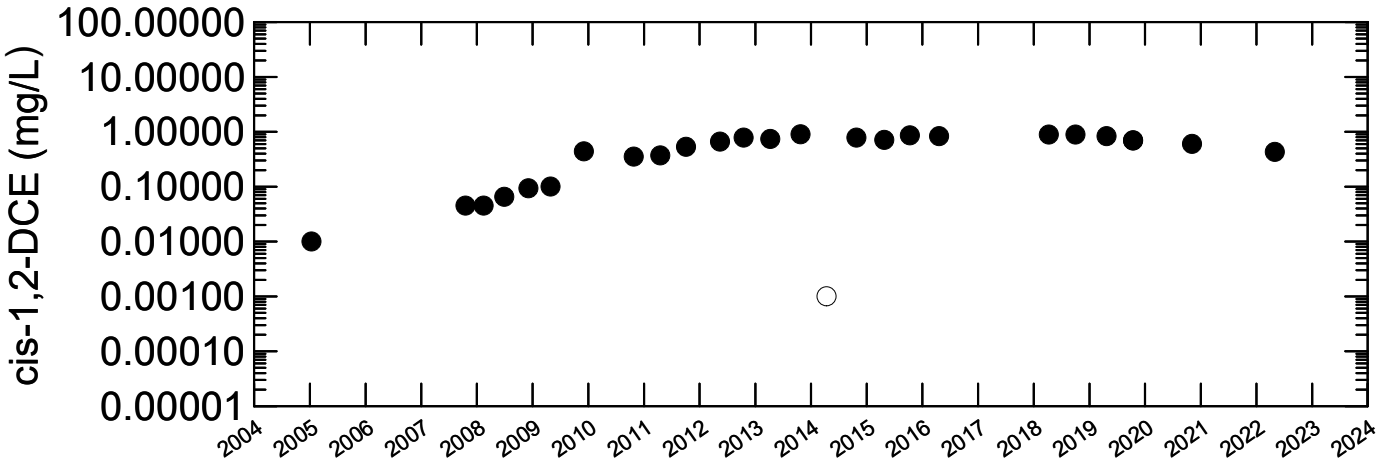
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

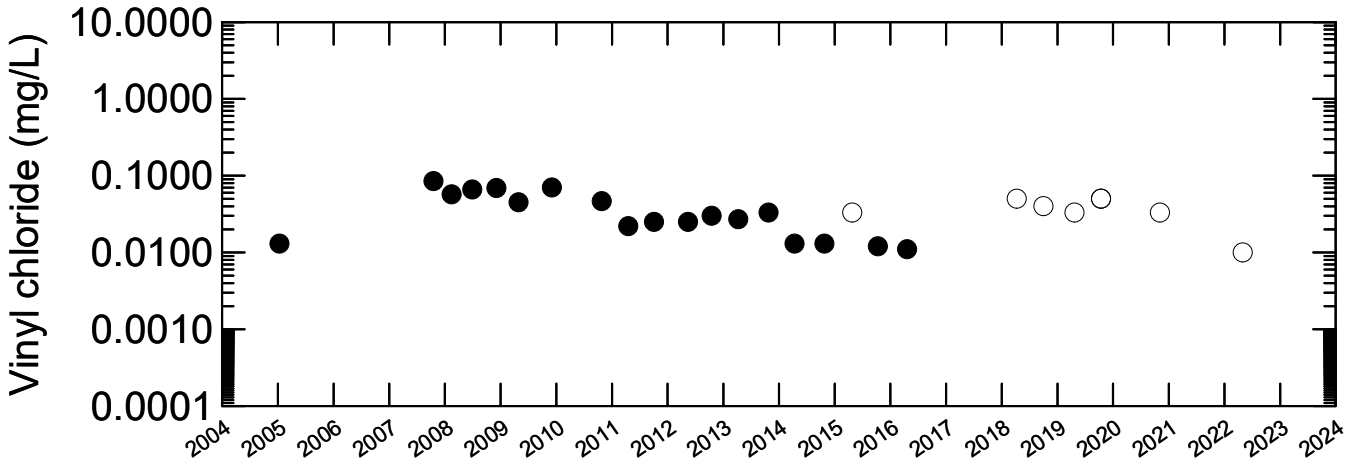
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 46







Legend:

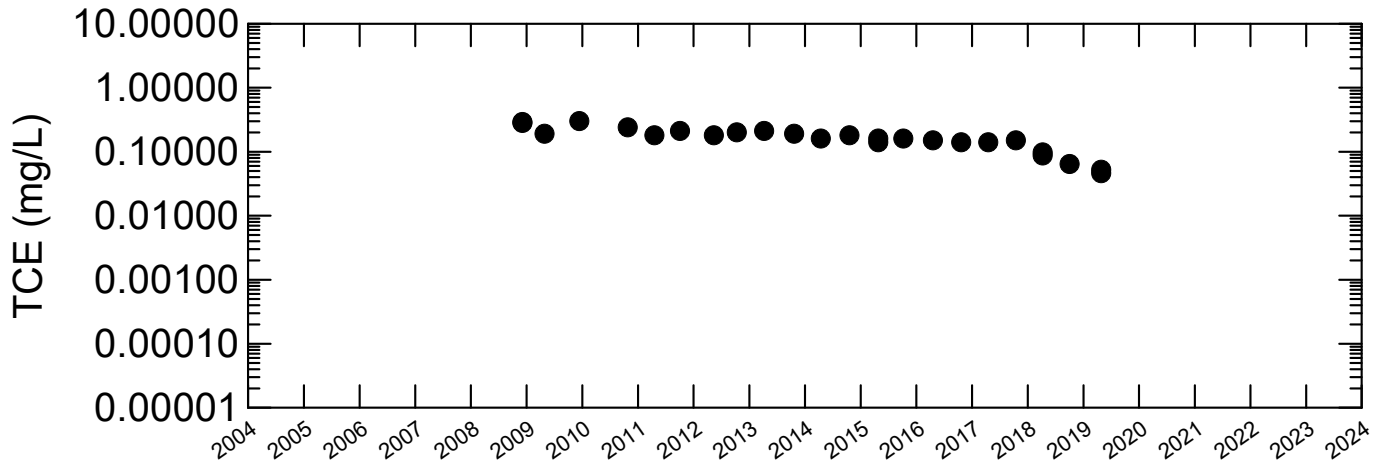
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

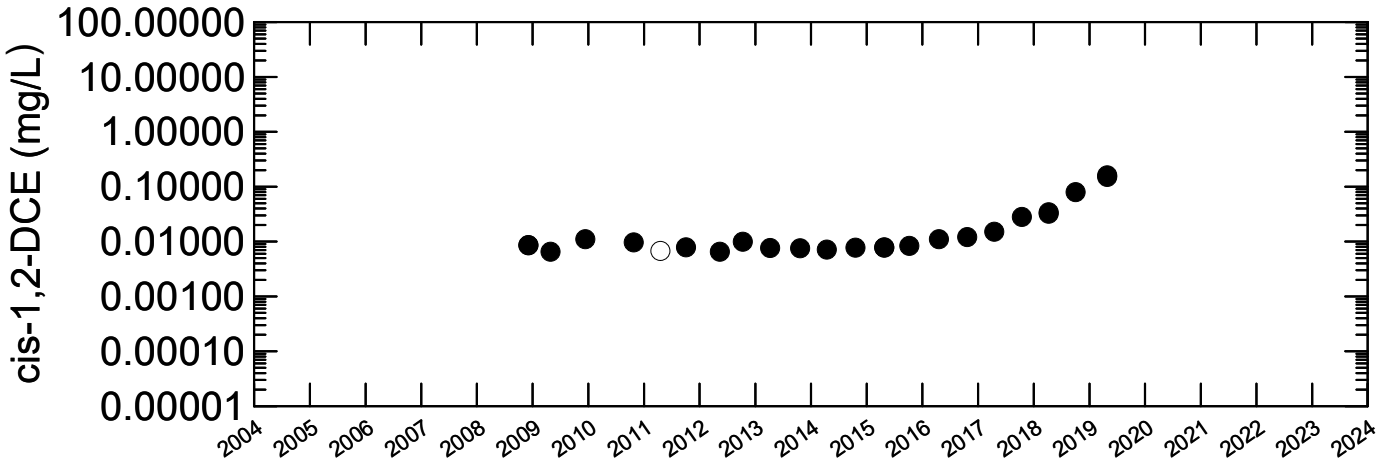
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

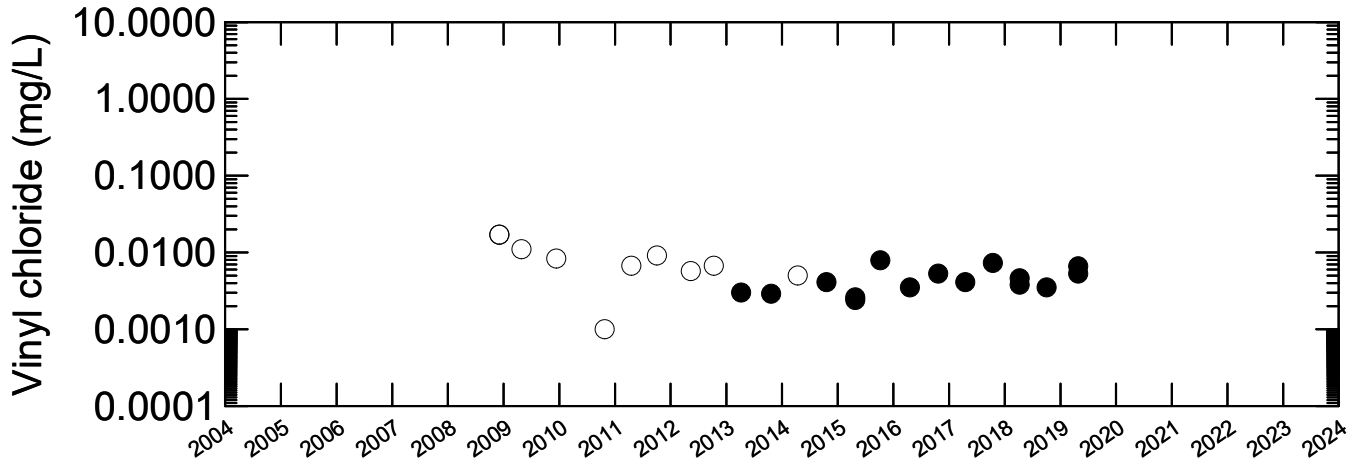
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 49







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

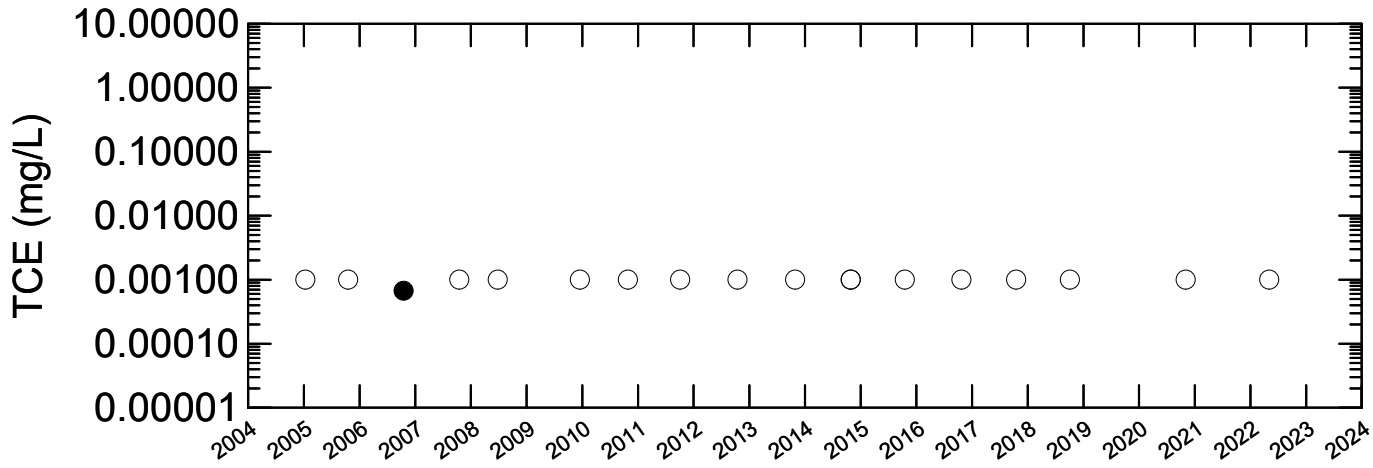
GHD

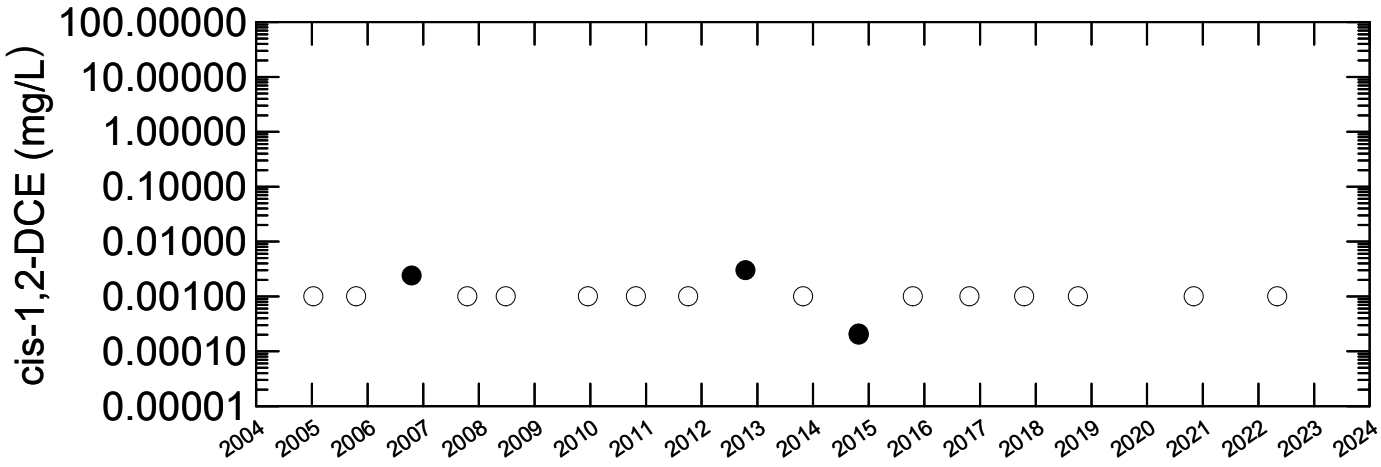
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

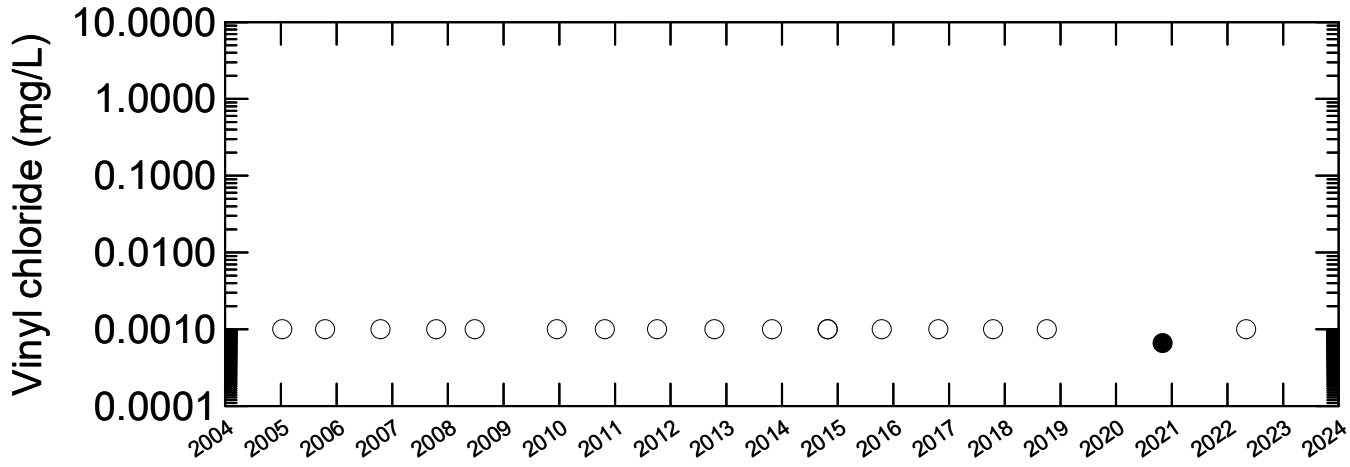
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 51







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

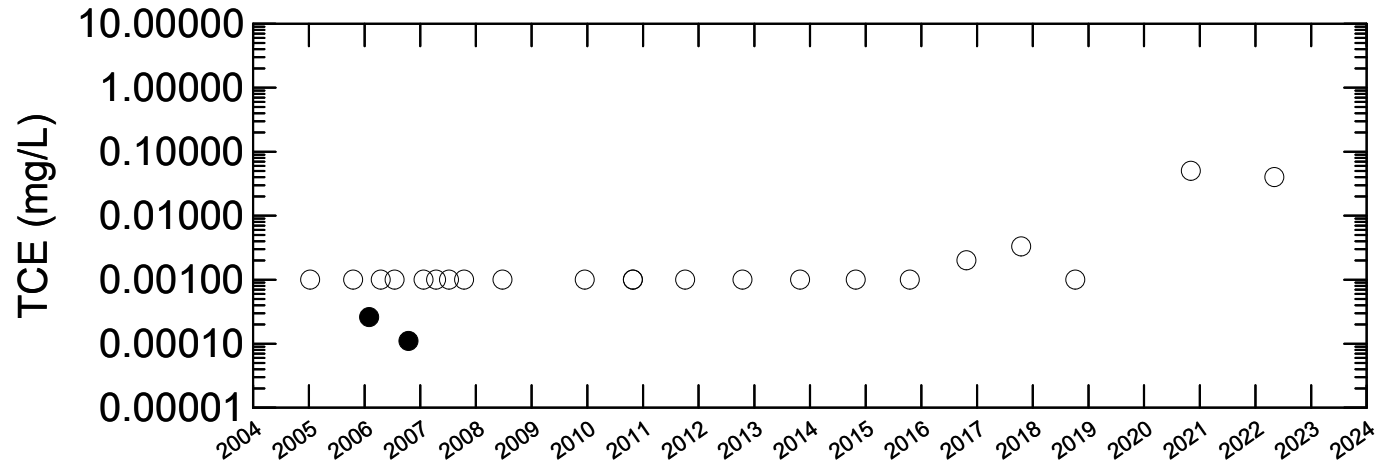
GHD

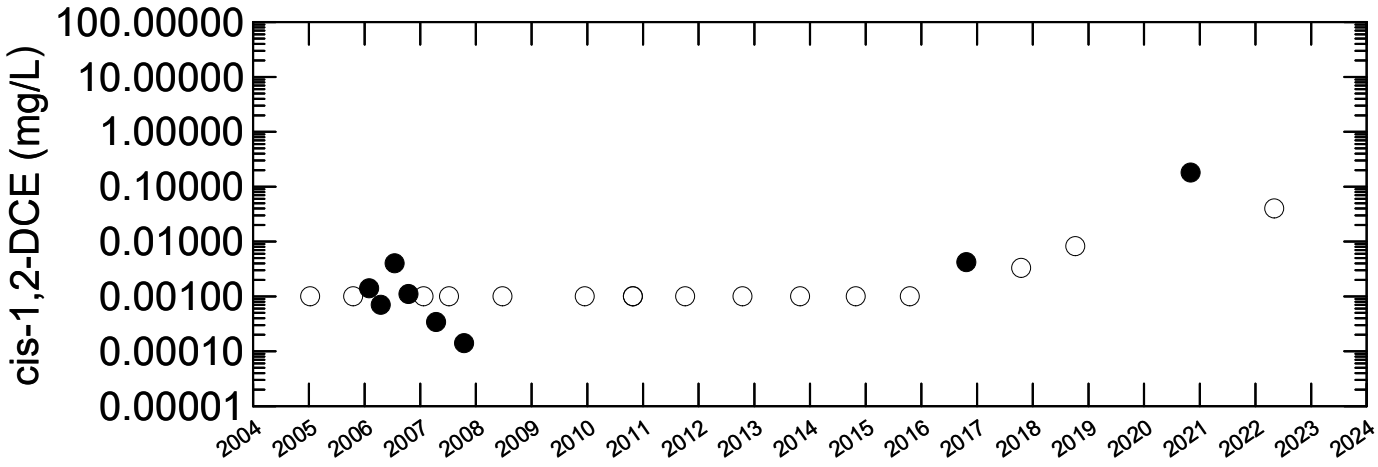
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

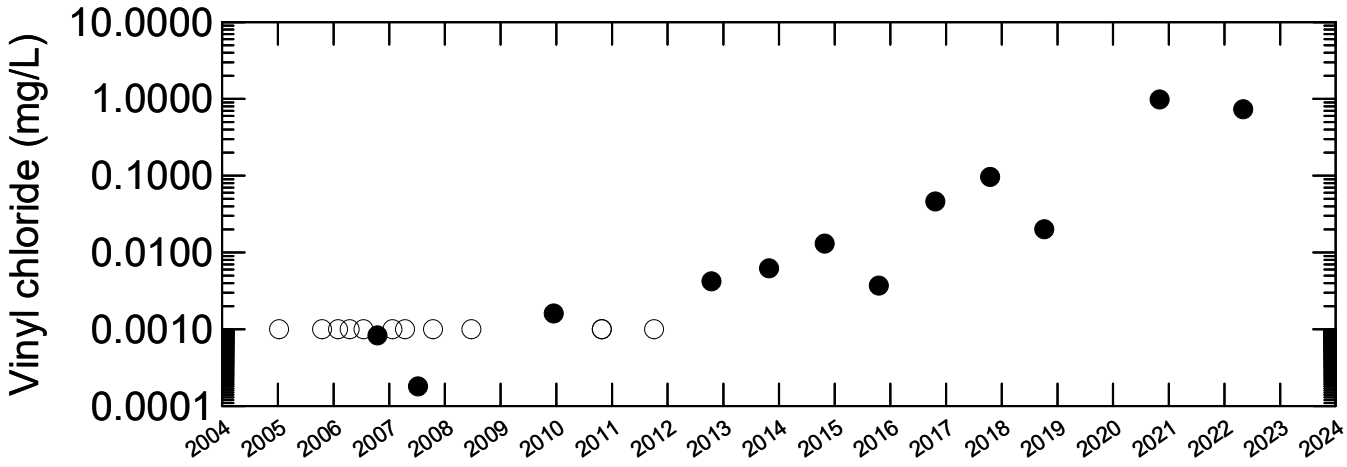
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 56







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

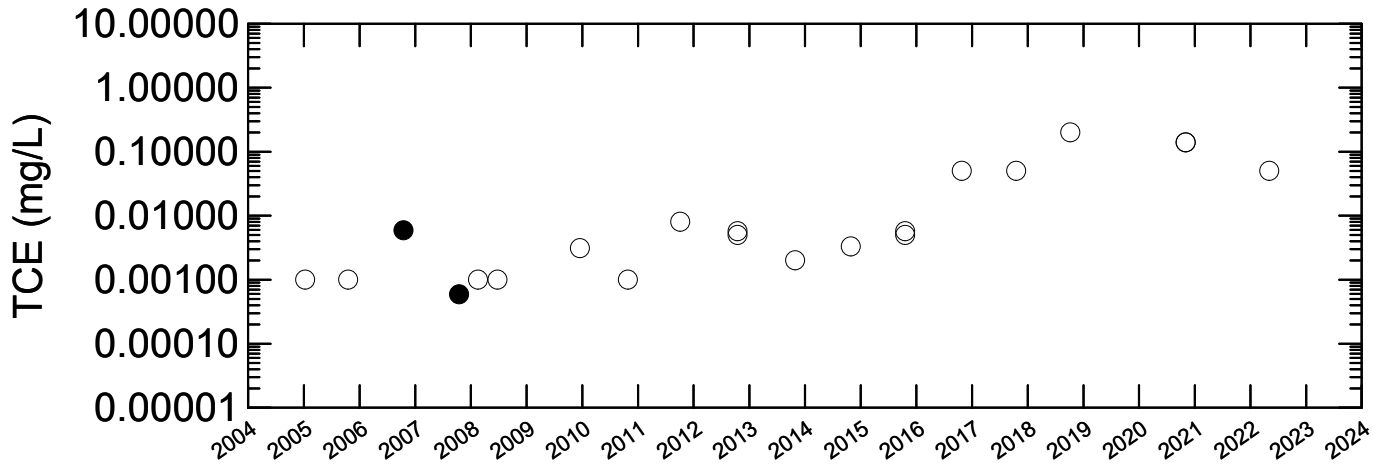
GHD

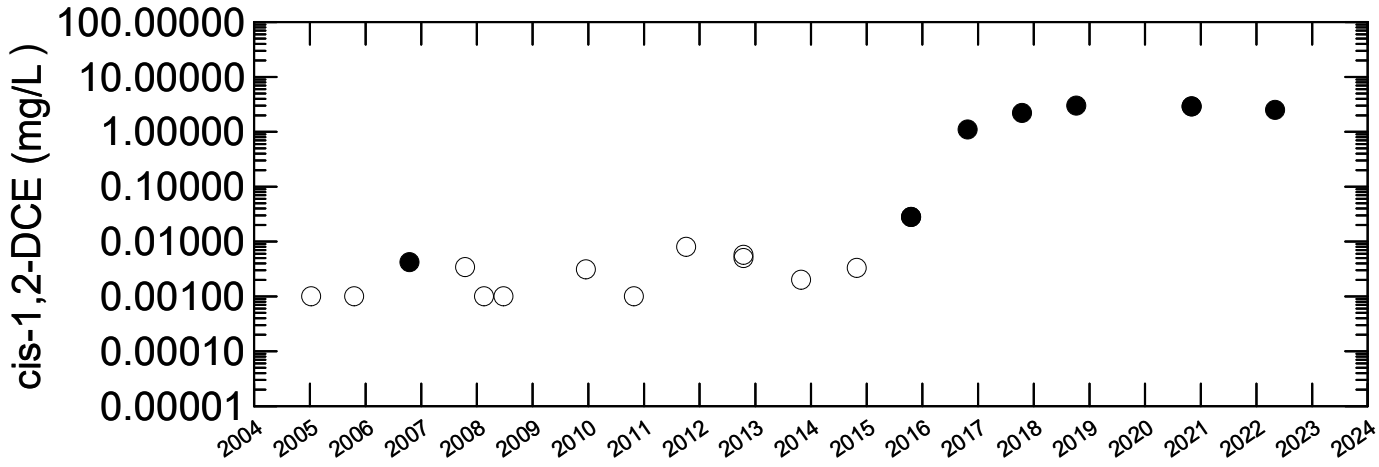
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

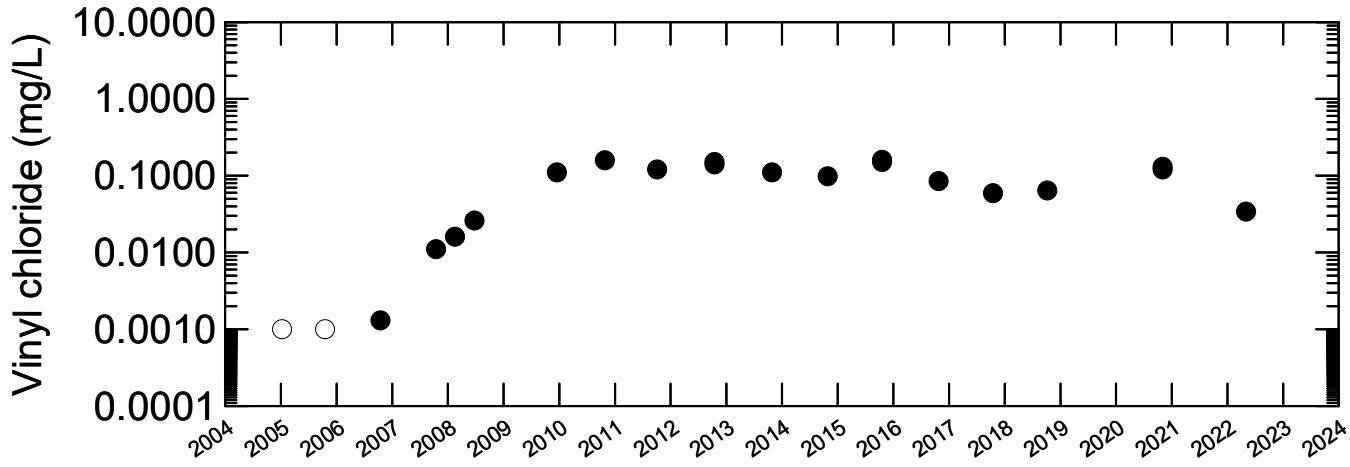
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 57







Legend:

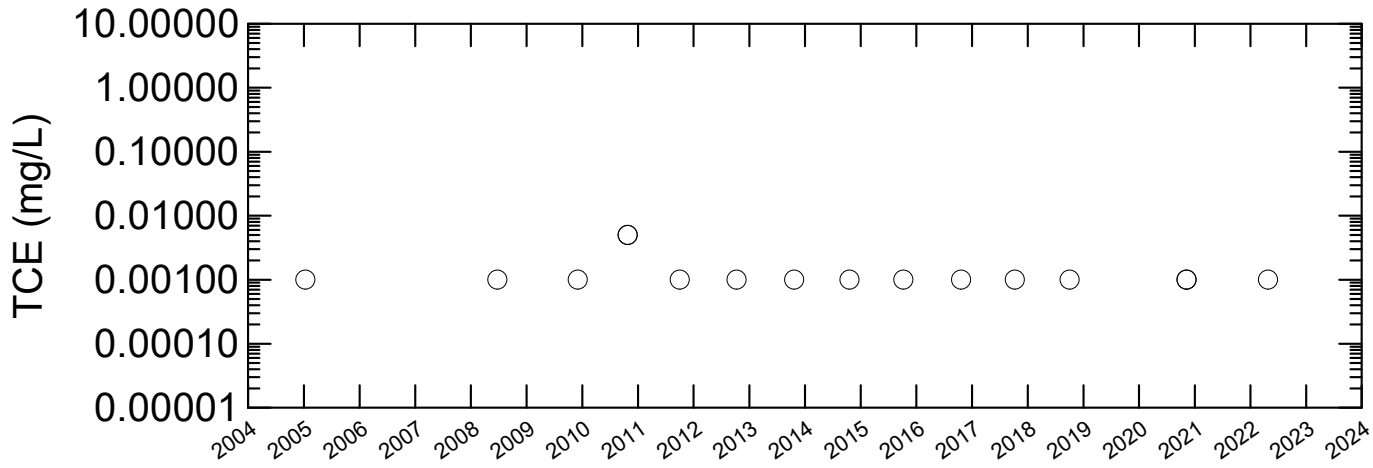
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

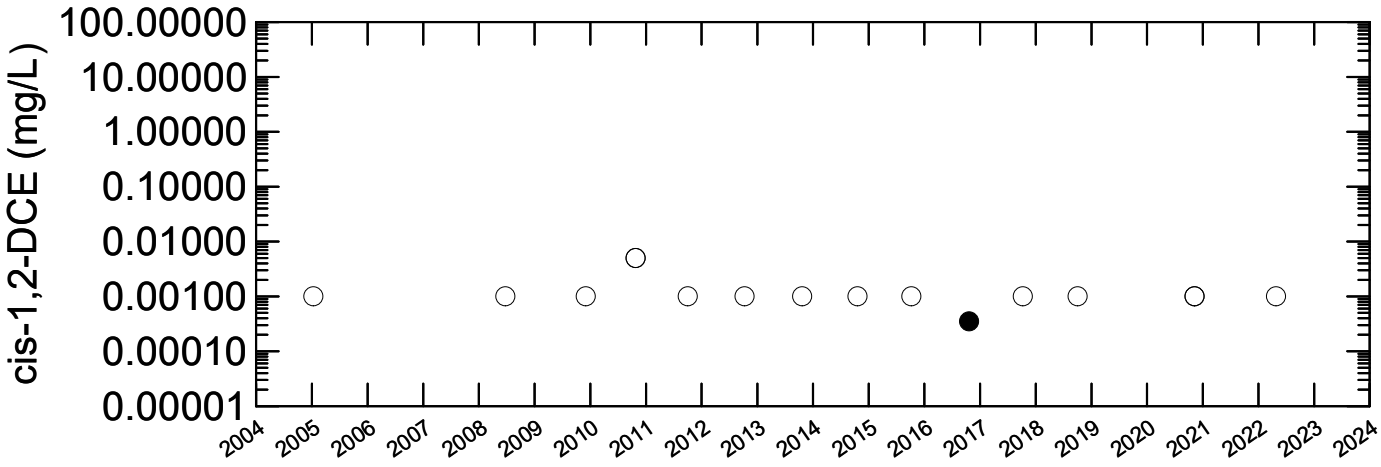
Revitalizing Auto Communities Environmental Response Trust
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Anderson, Indiana

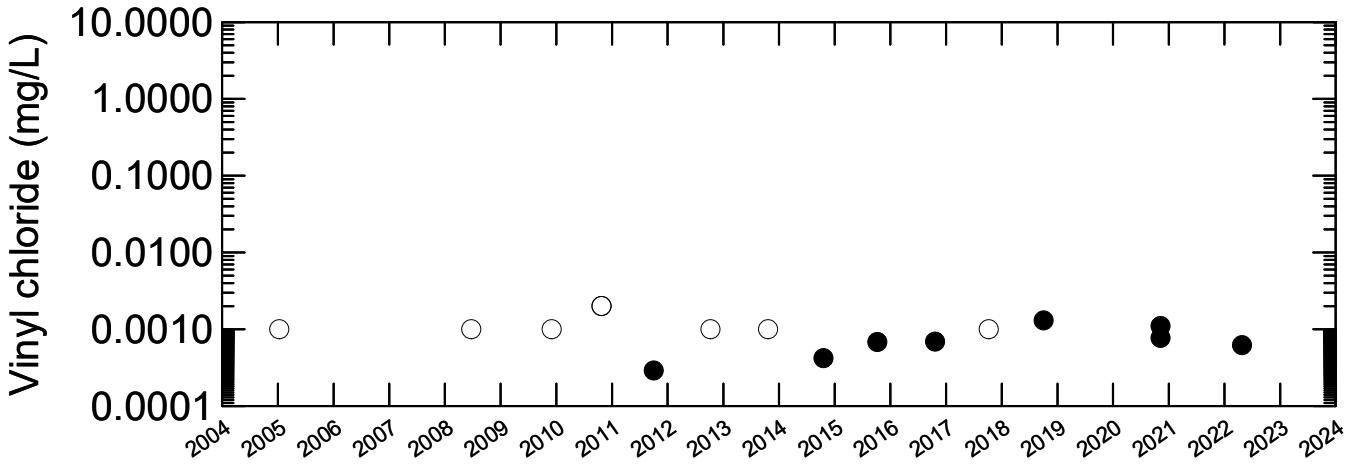
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 58







Legend:

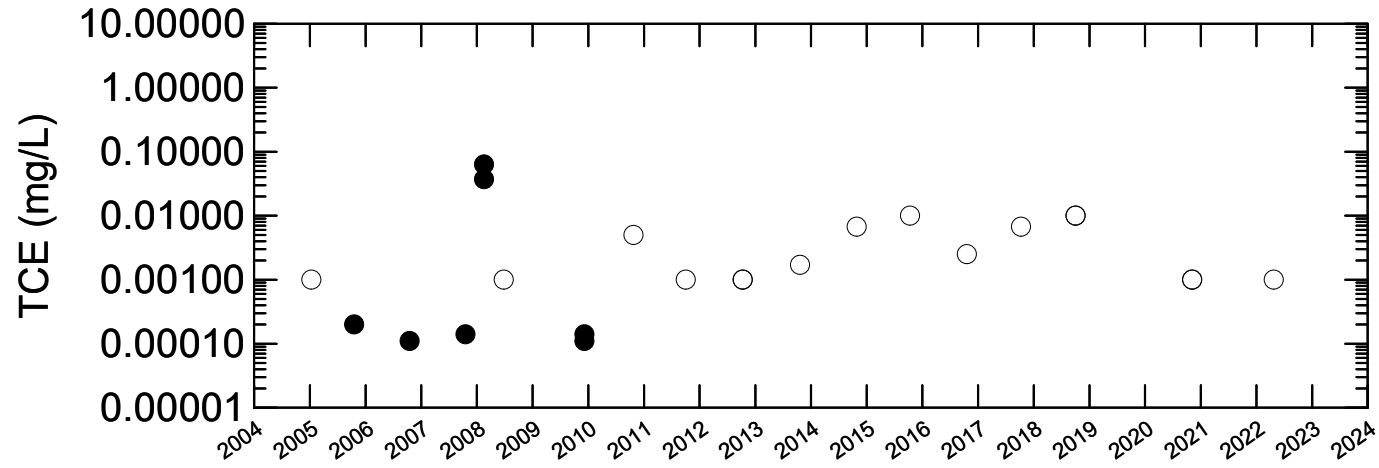
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

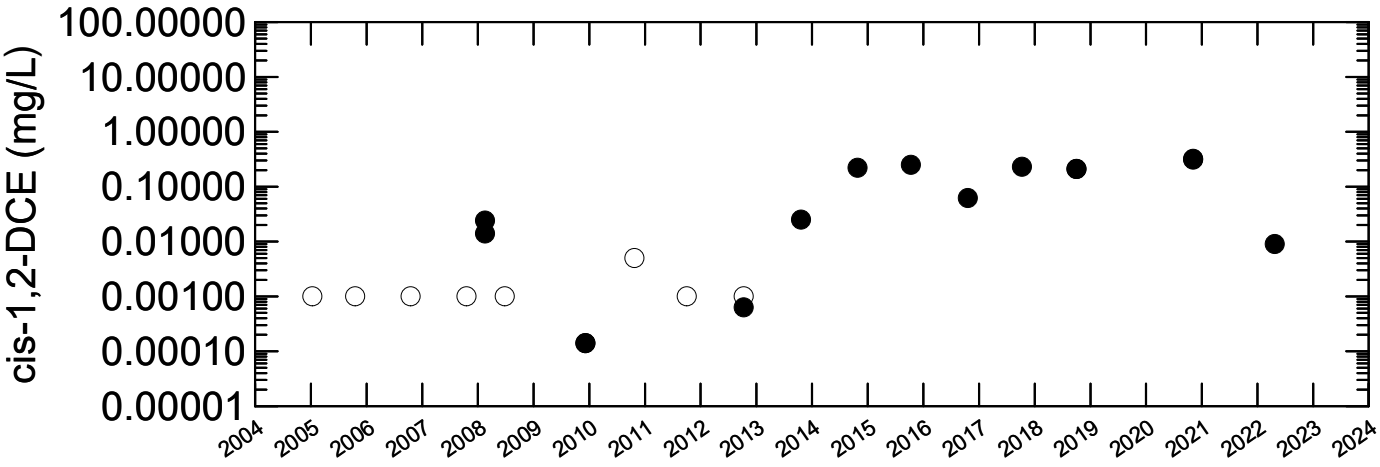
Revitalizing Auto Communities Environmental Response Trust
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Anderson, Indiana

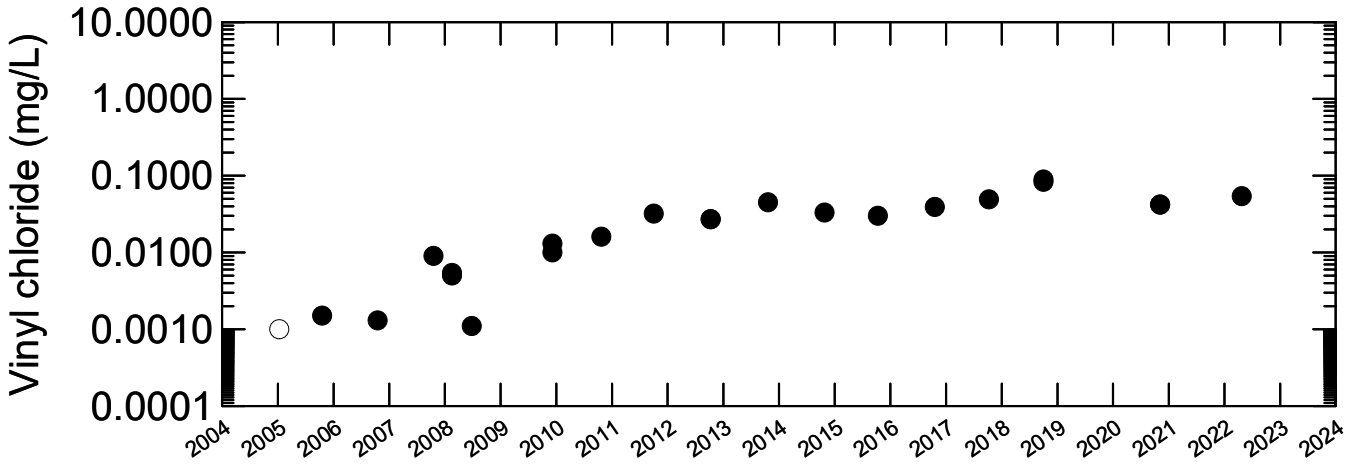
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 61







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

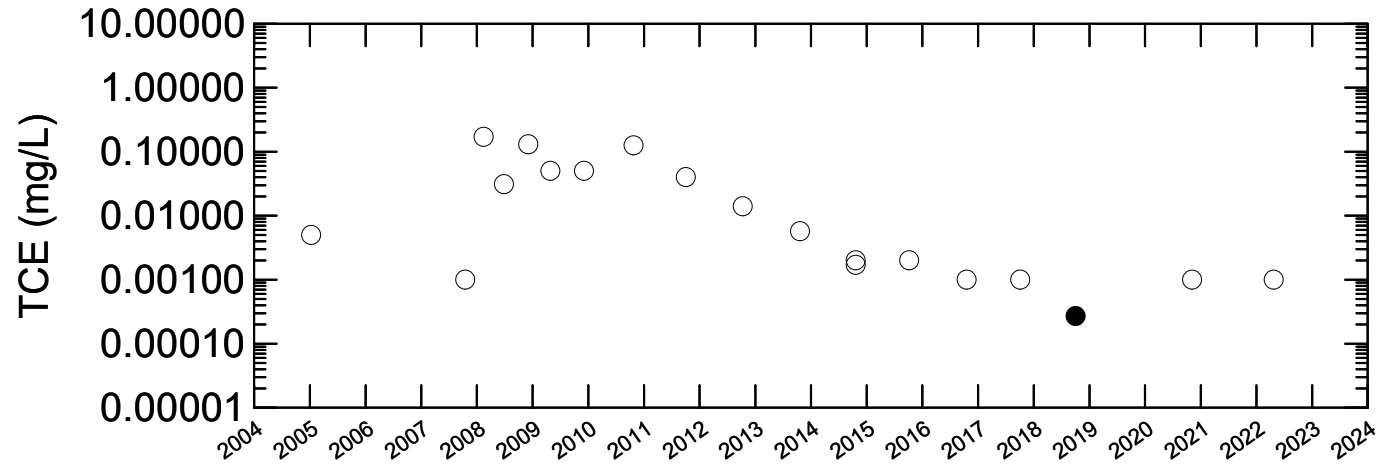
GHD

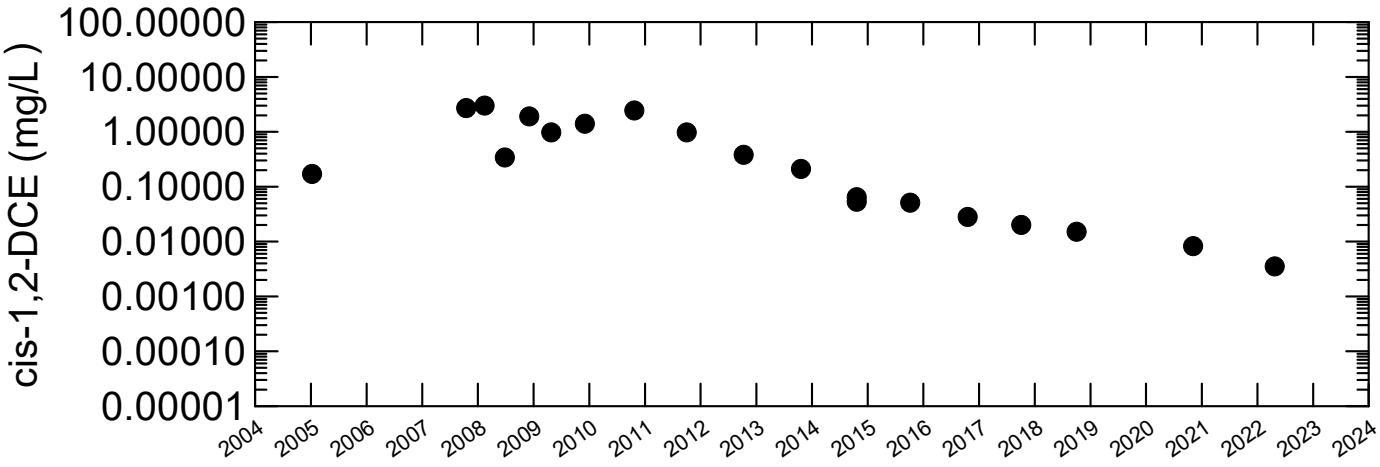
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

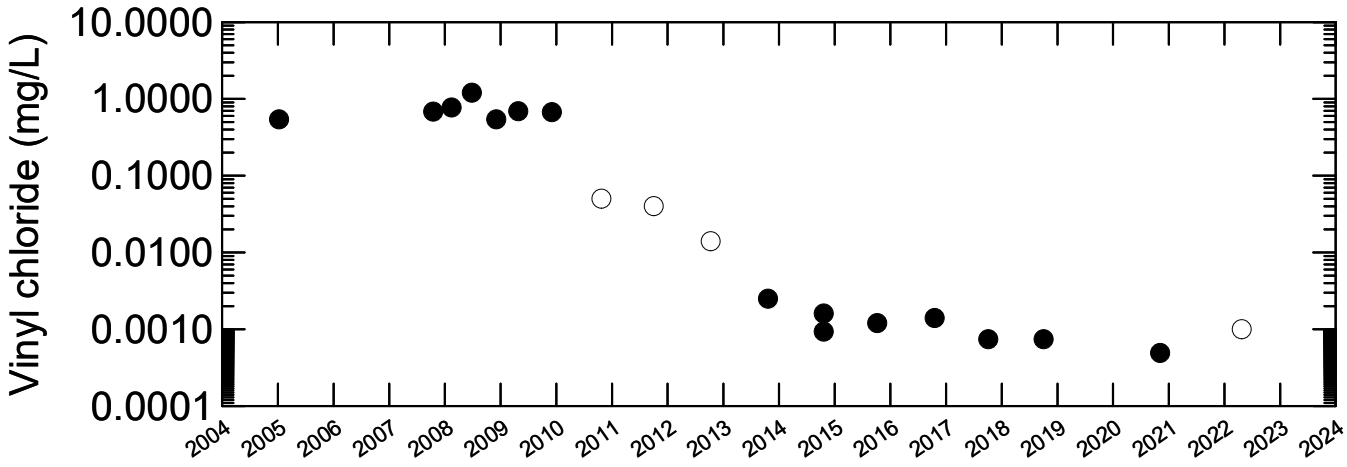
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 64







Legend:

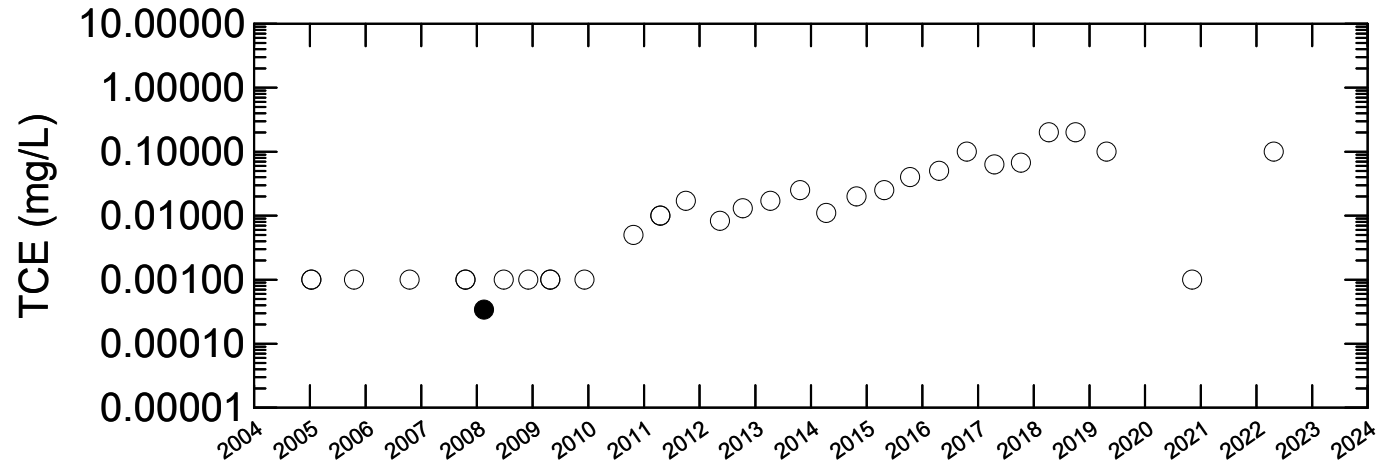
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

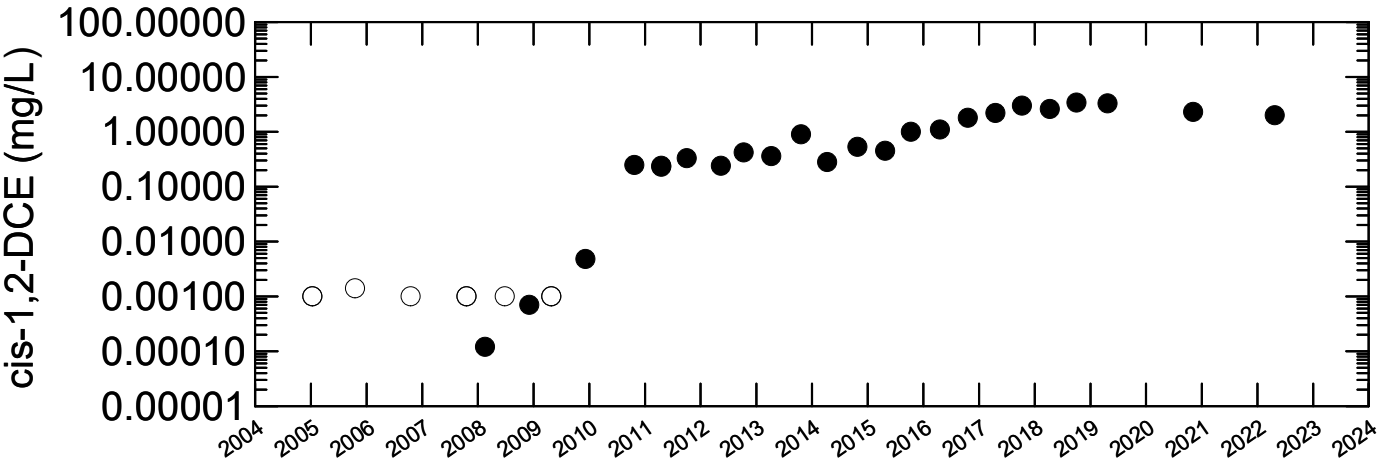
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

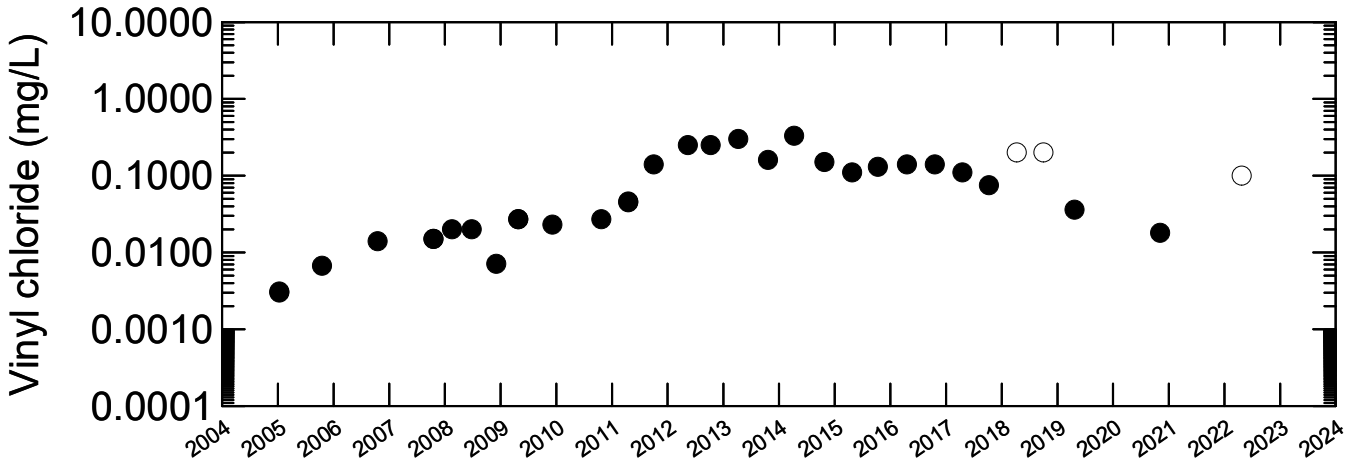
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 65







Legend:

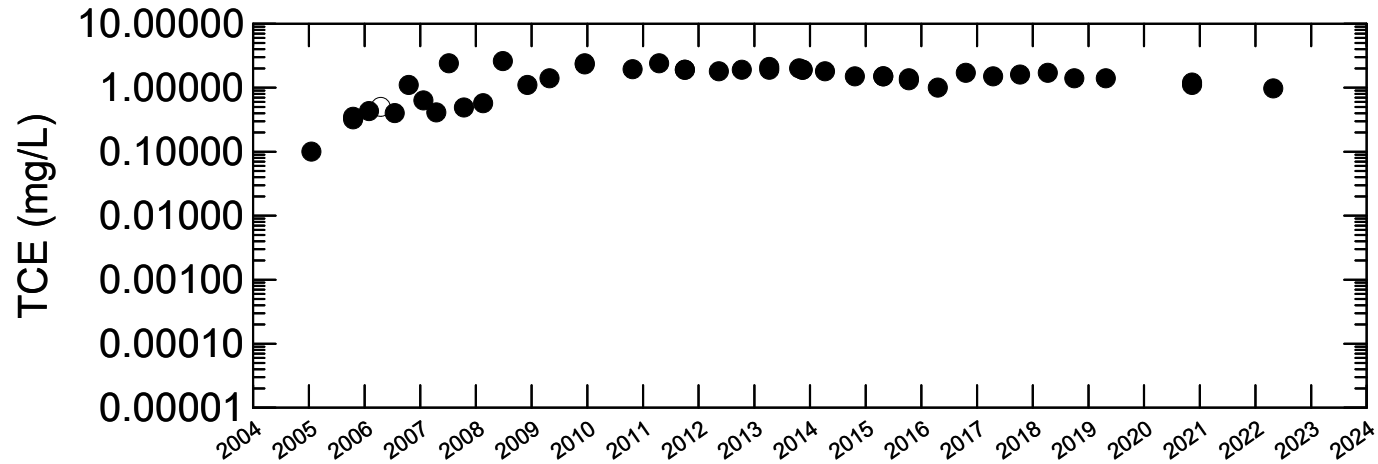
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

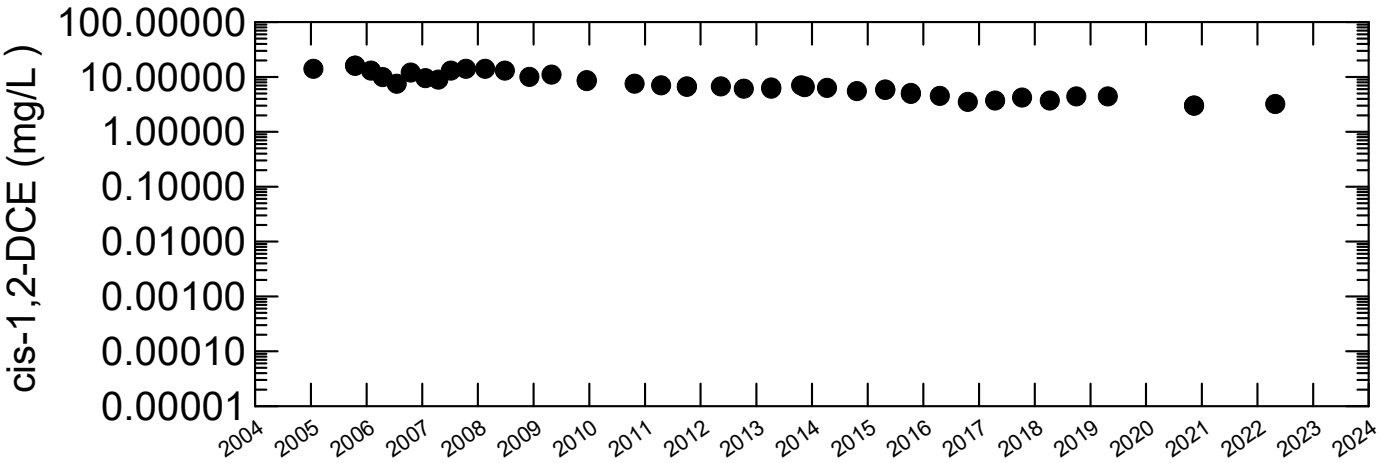
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

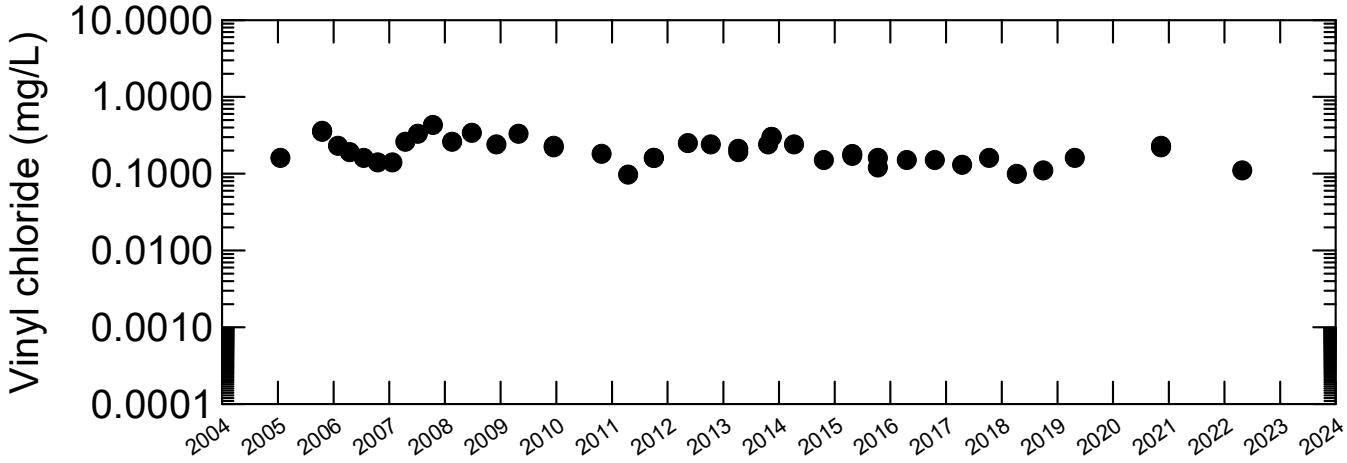
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 66







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

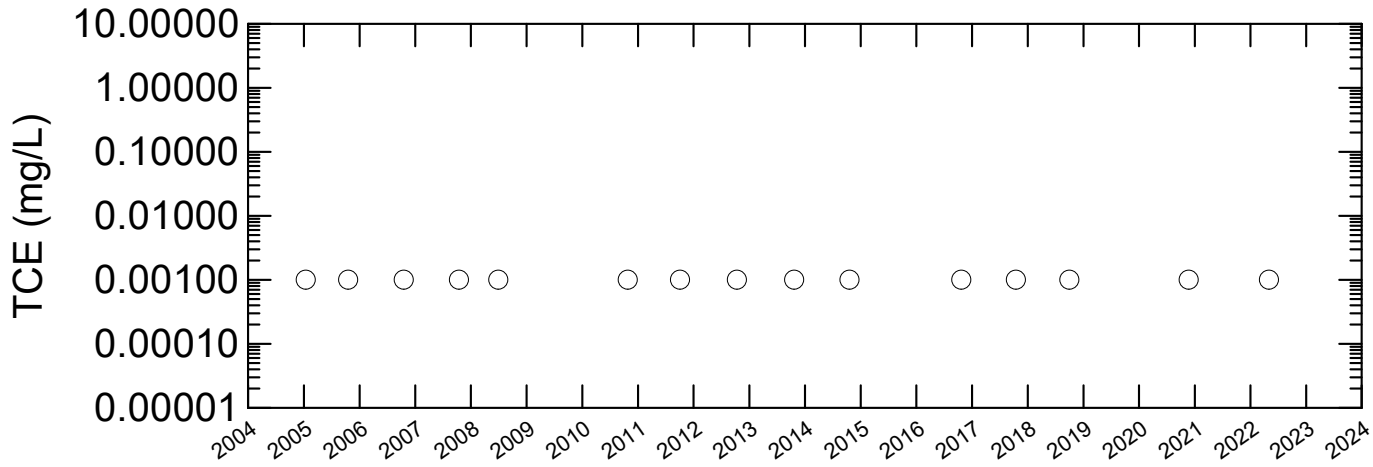
GHD

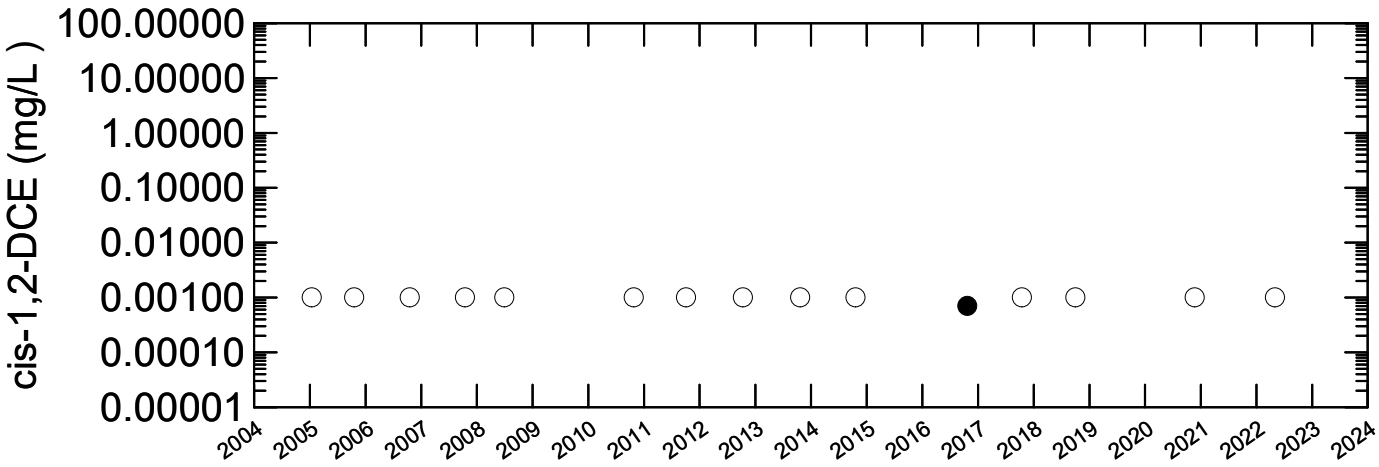
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

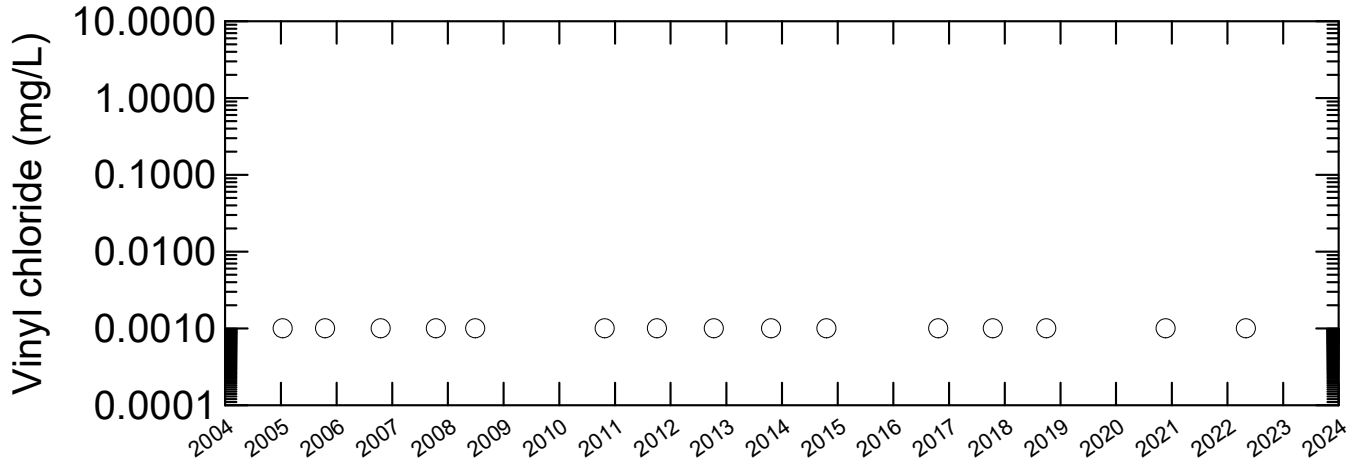
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 68







Legend:

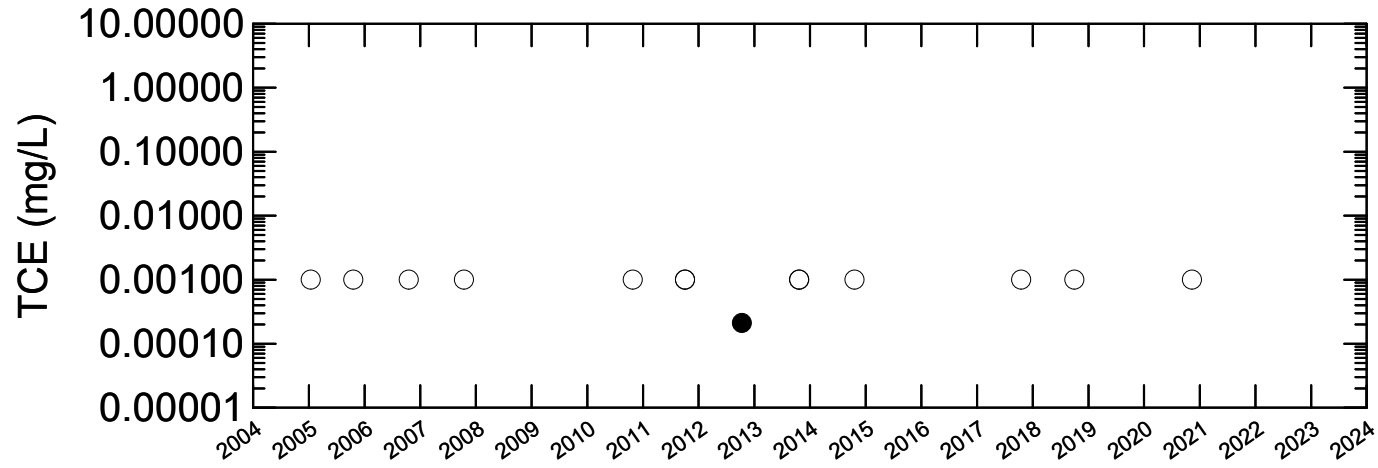
● Detected Result
○ Non-detect (plotted at detection limit)

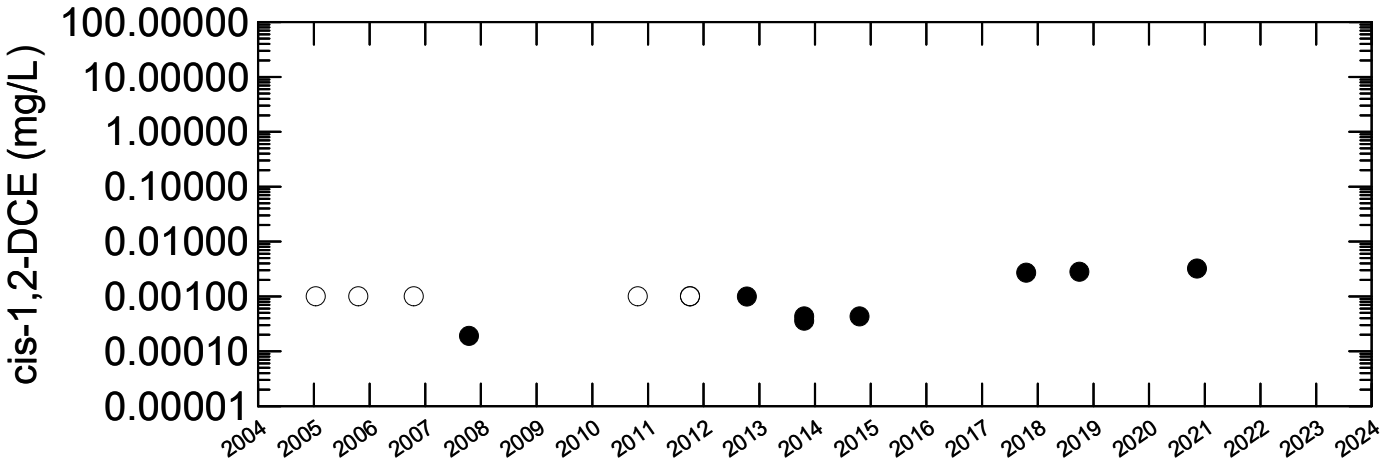
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

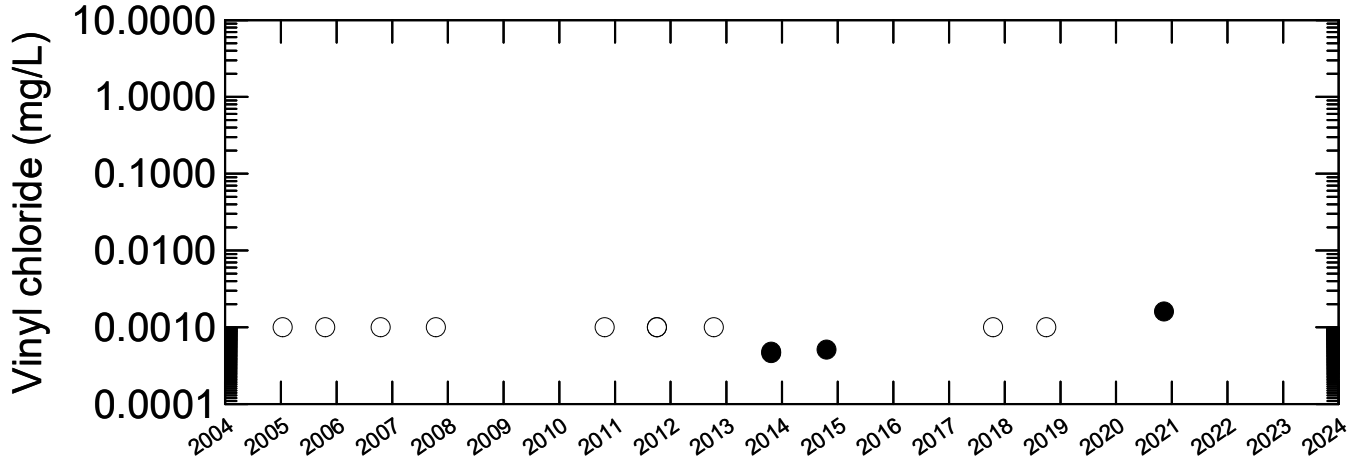
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 75







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

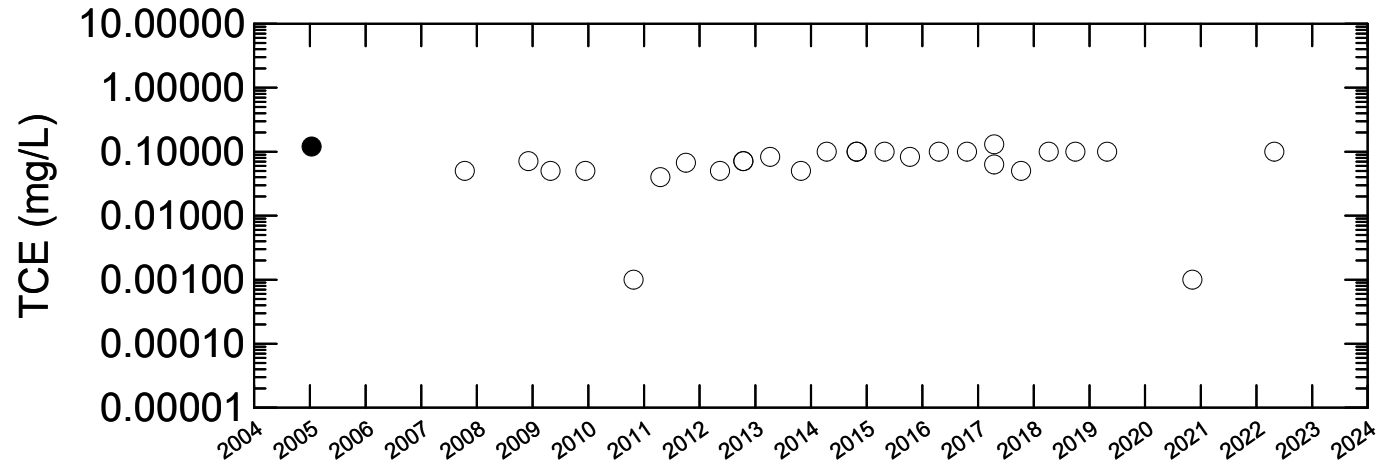
GHD

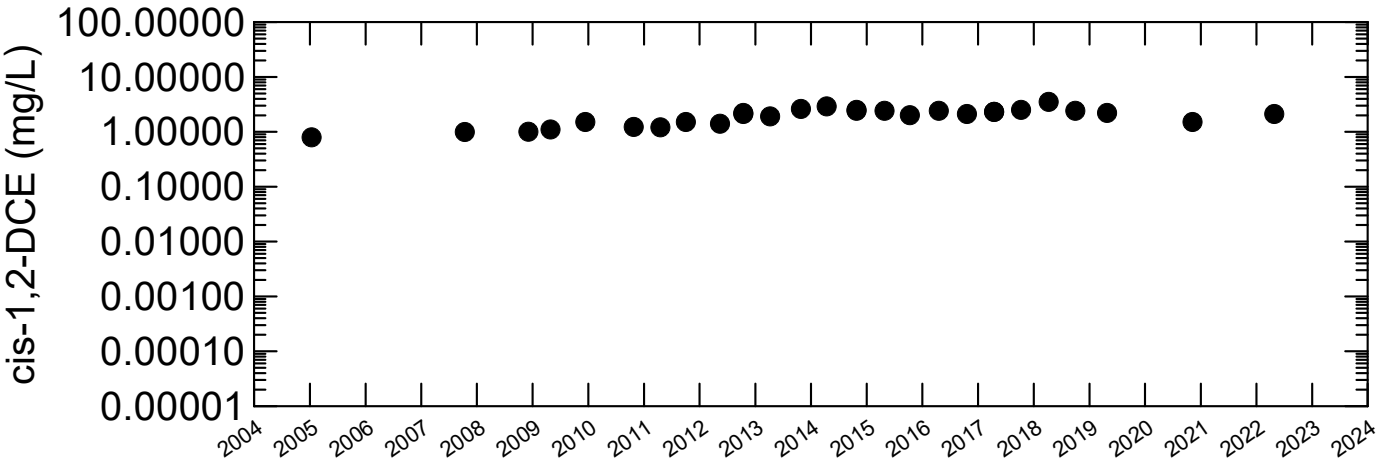
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

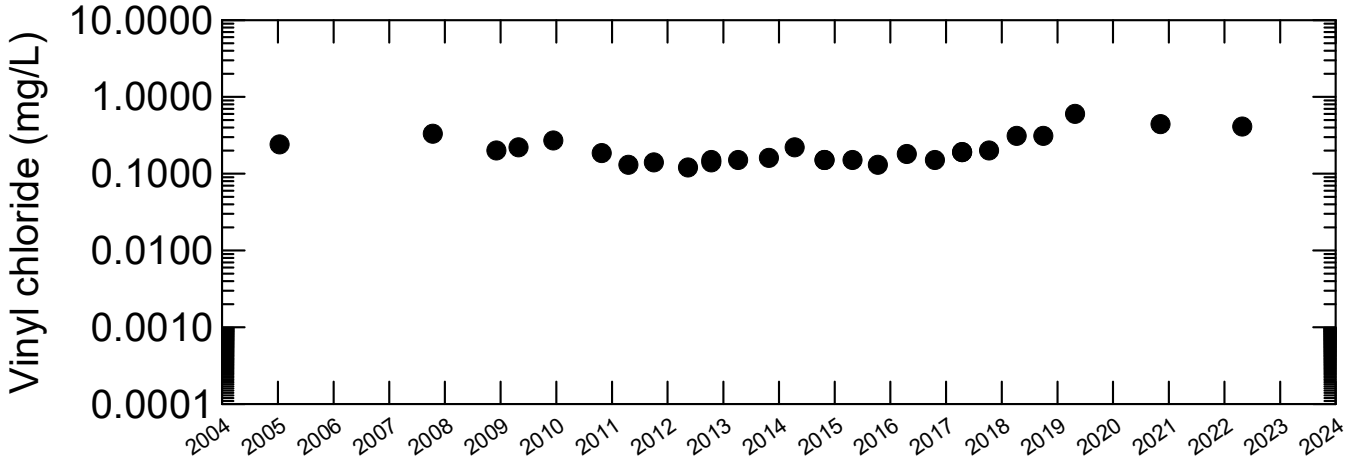
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 76/ MW 76R-17







Legend:

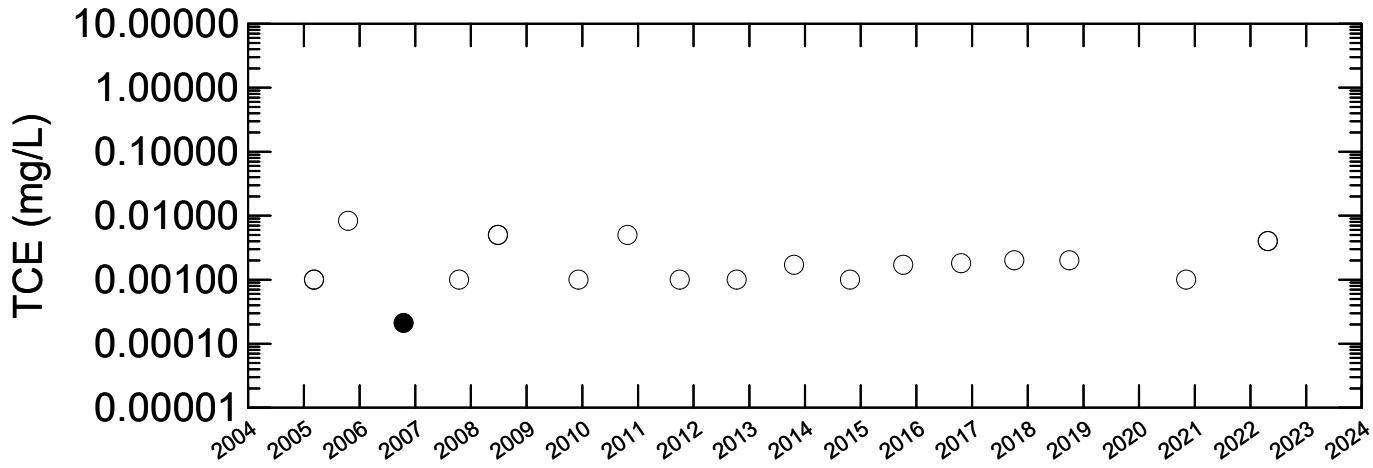
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

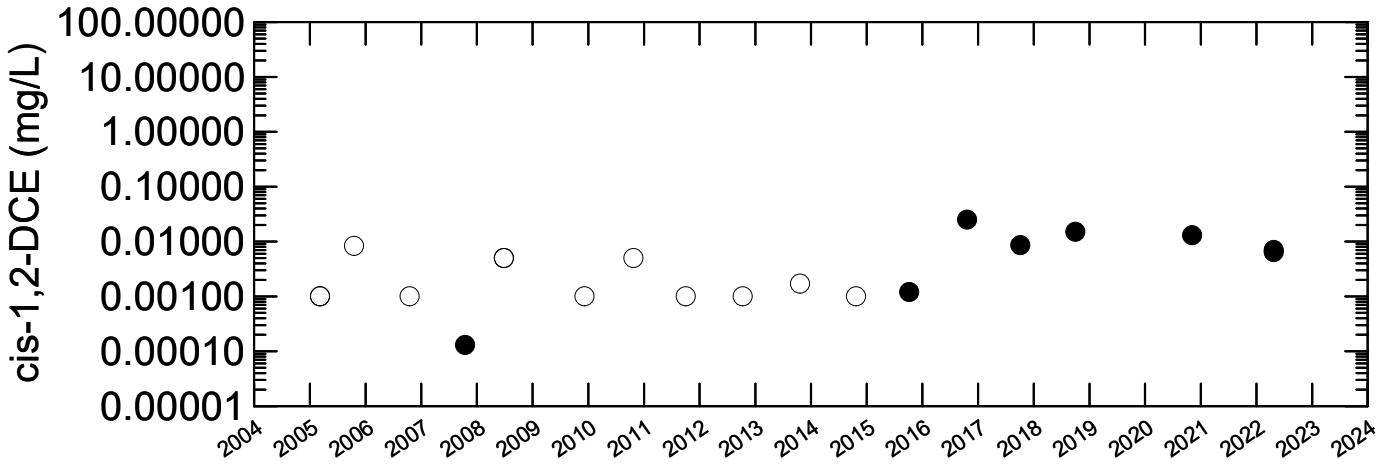
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

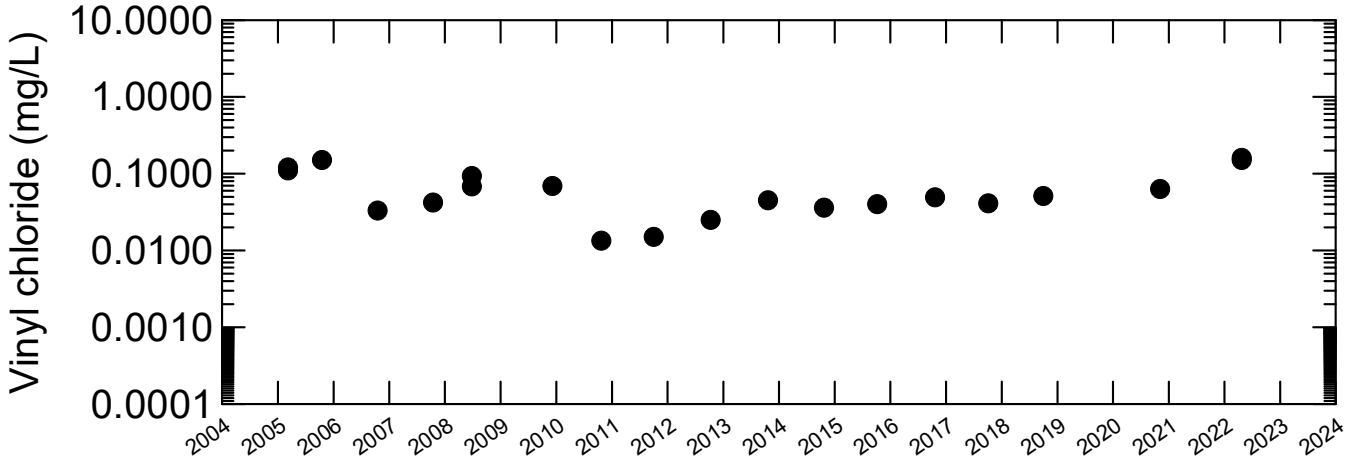
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 79







Legend:

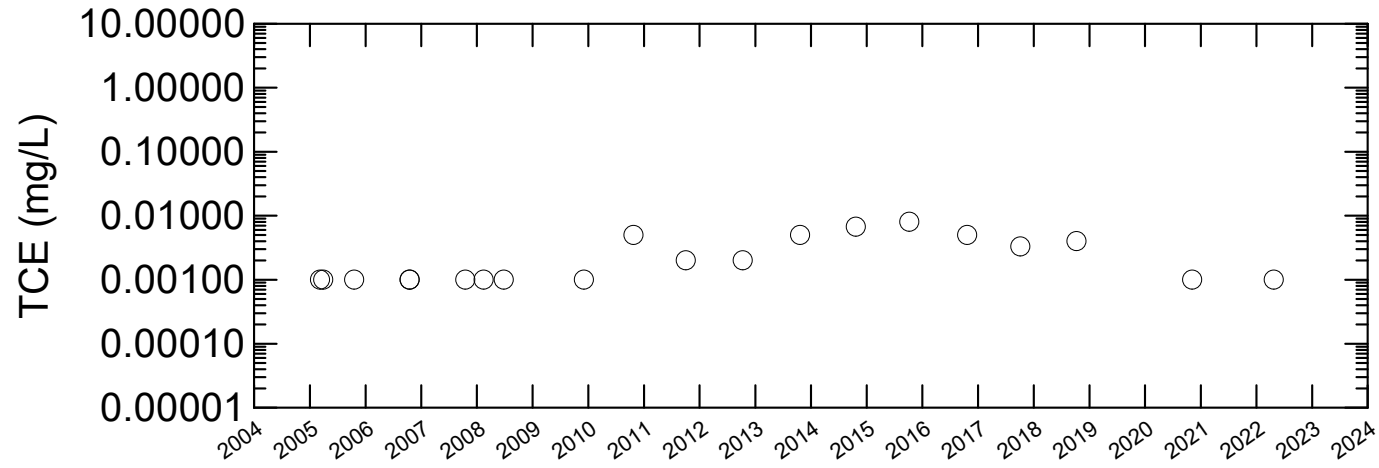
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

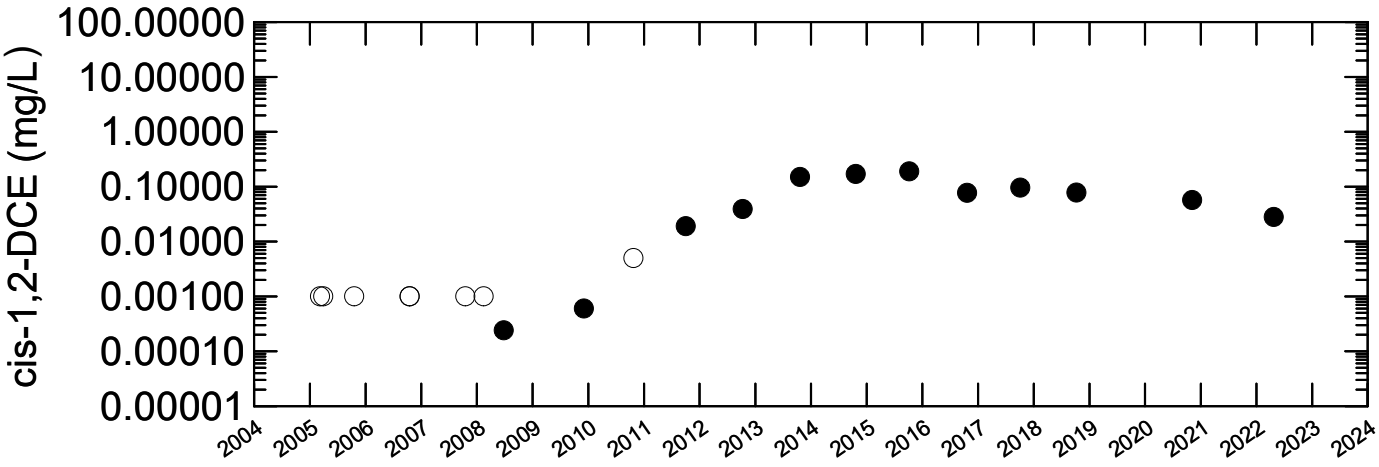
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
Anderson, Indiana

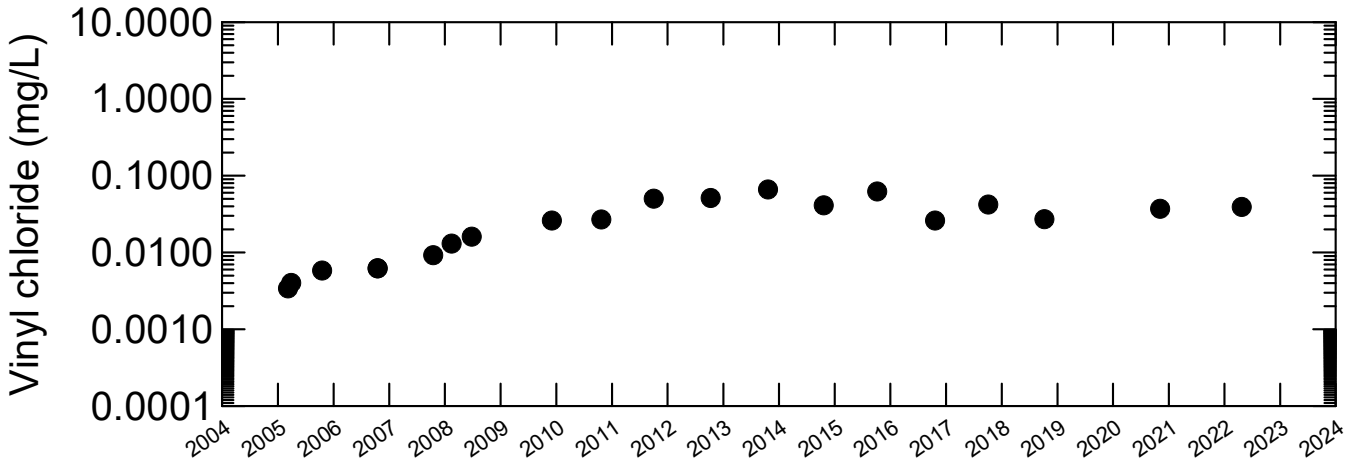
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 80







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

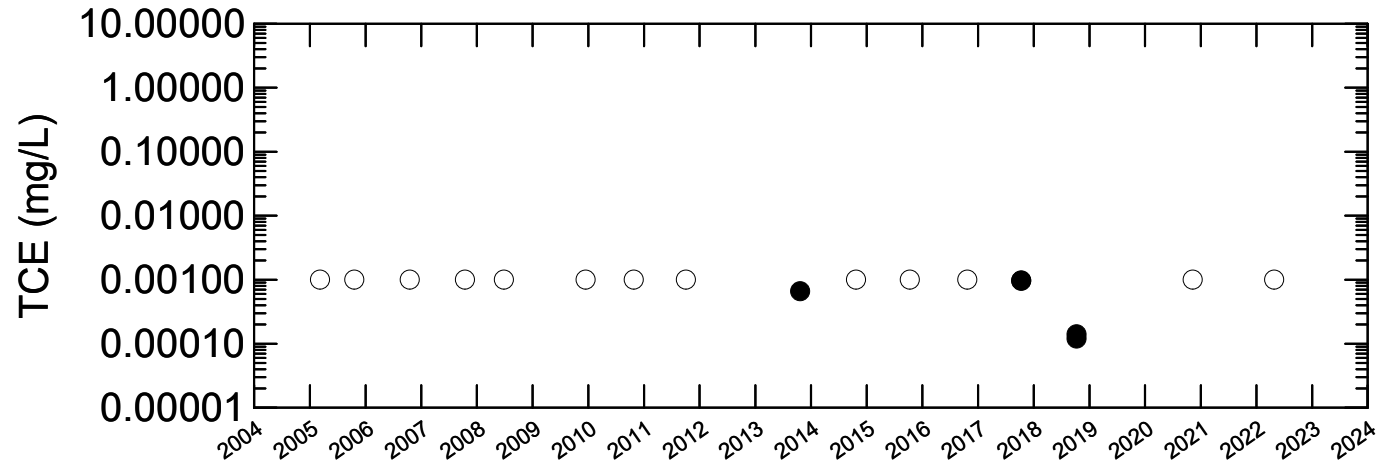
GHD

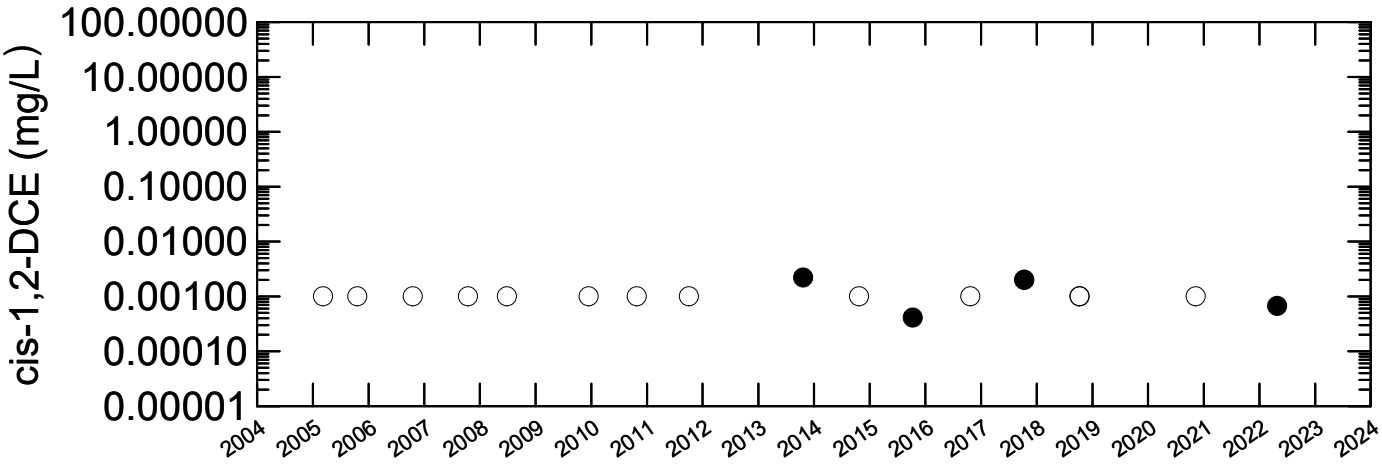
Revitalizing Auto Communities Environmental Response Trust
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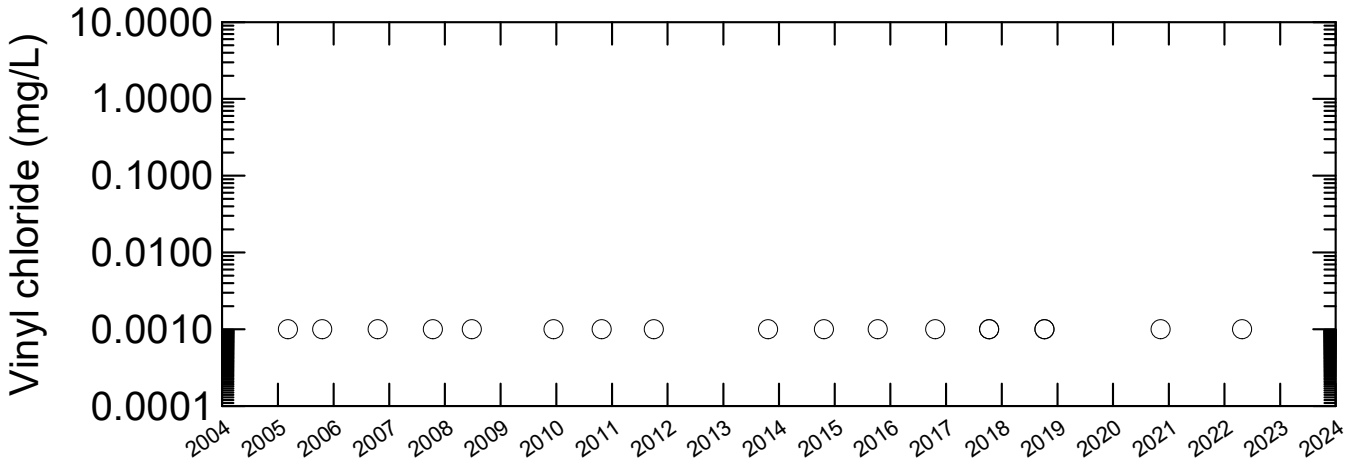
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 81







Legend:

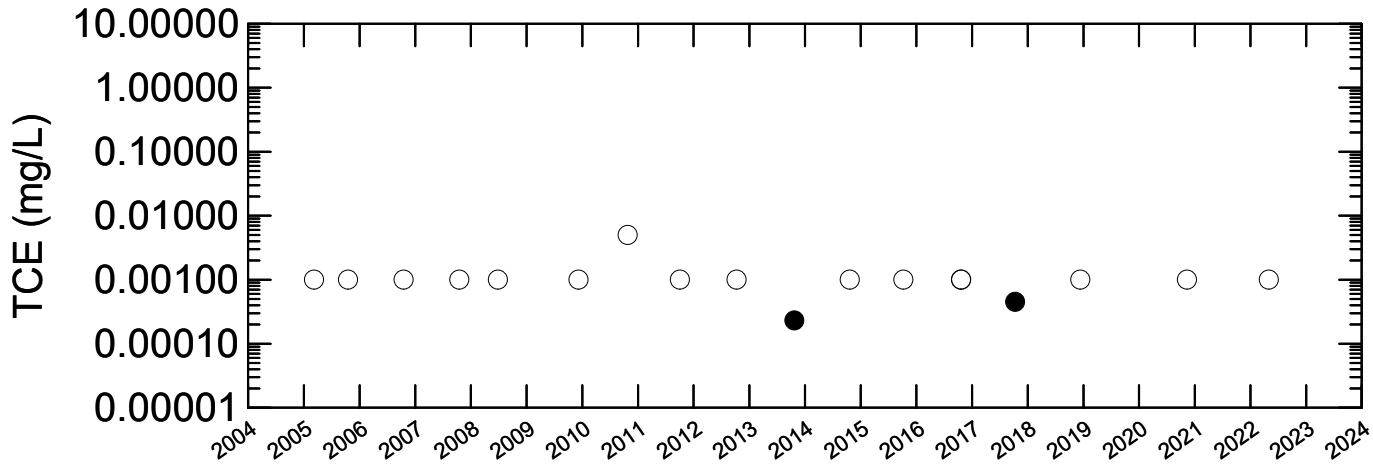
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

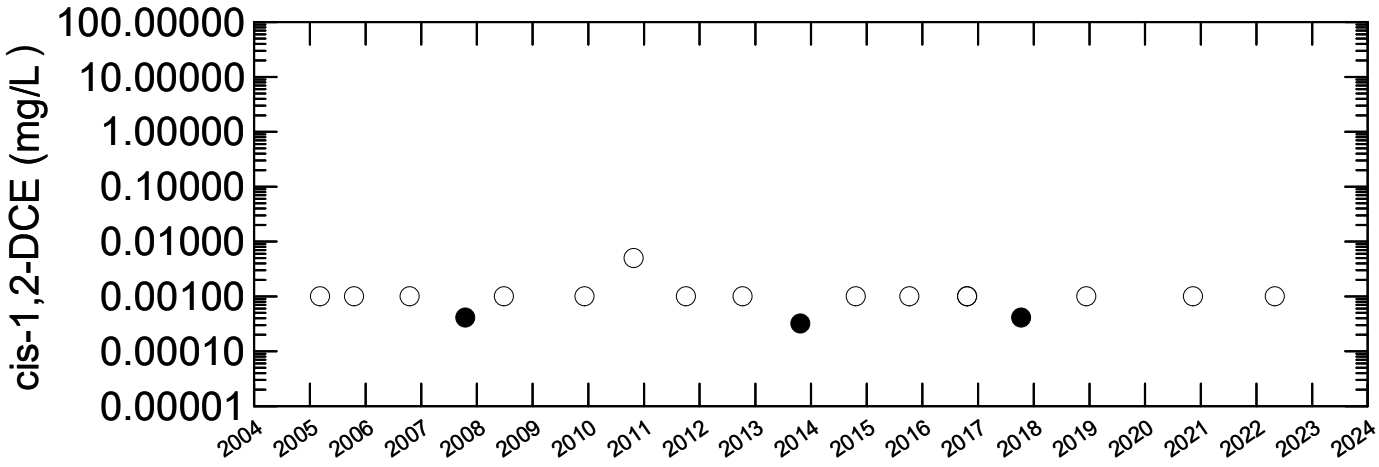
Revitalizing Auto Communities Environmental Response Trust
2915 Martin Luther King Jr. Boulevard
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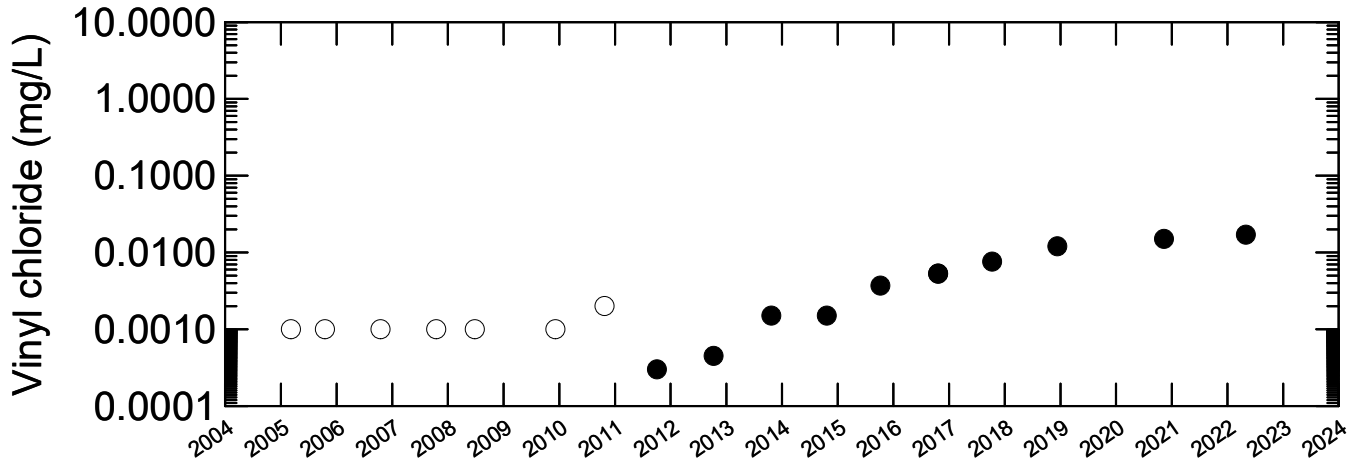
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 82







Legend:

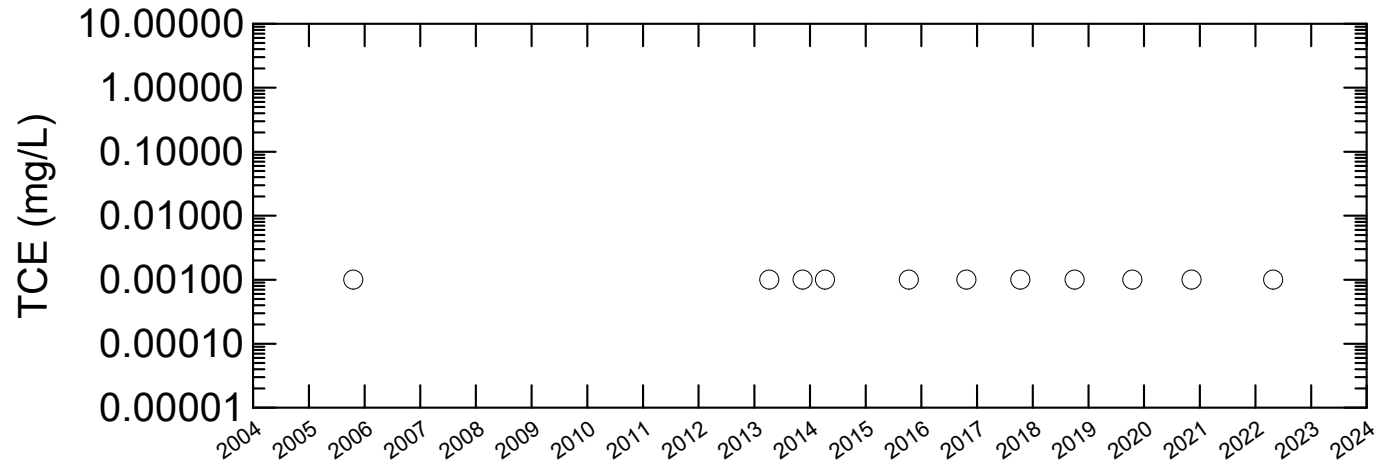
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

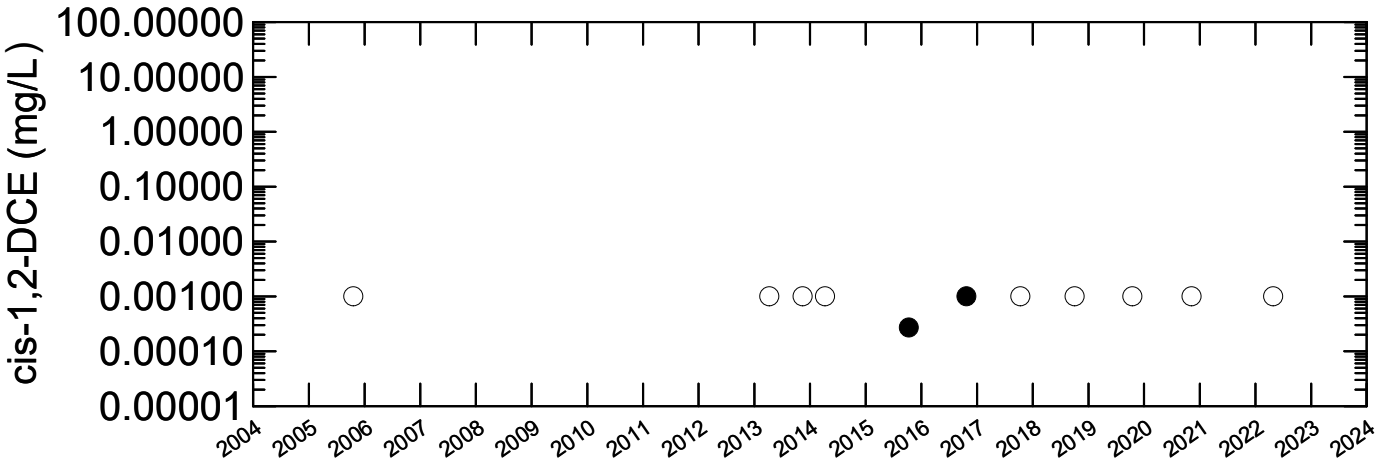
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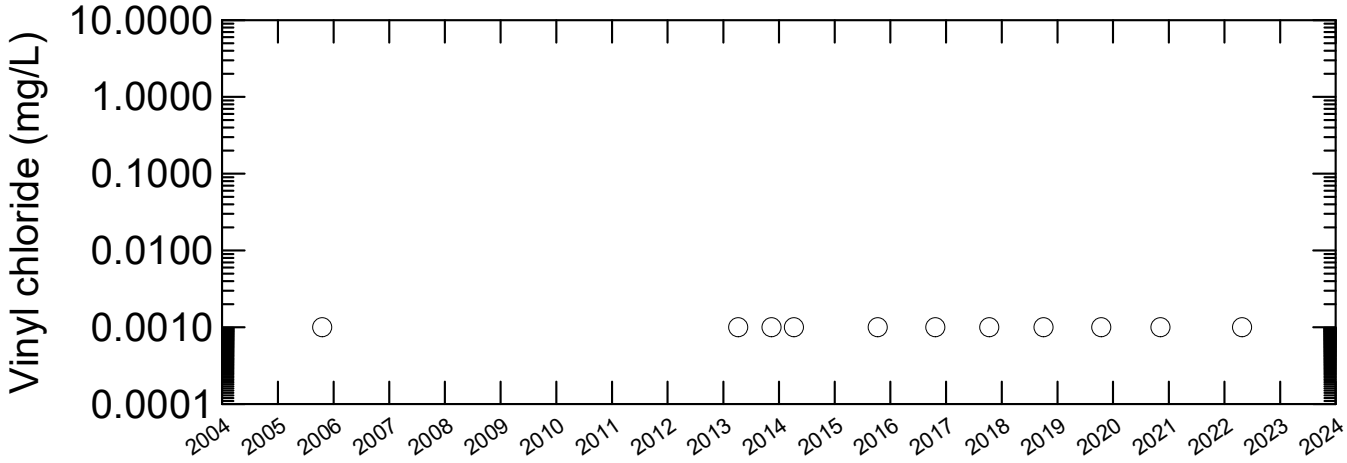
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW 83







Legend:

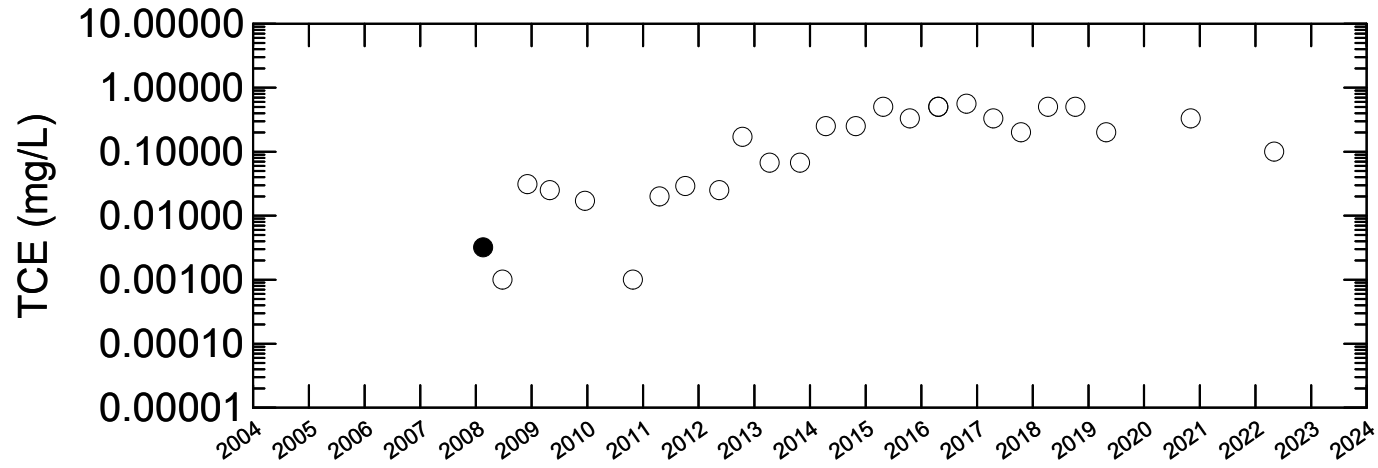
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

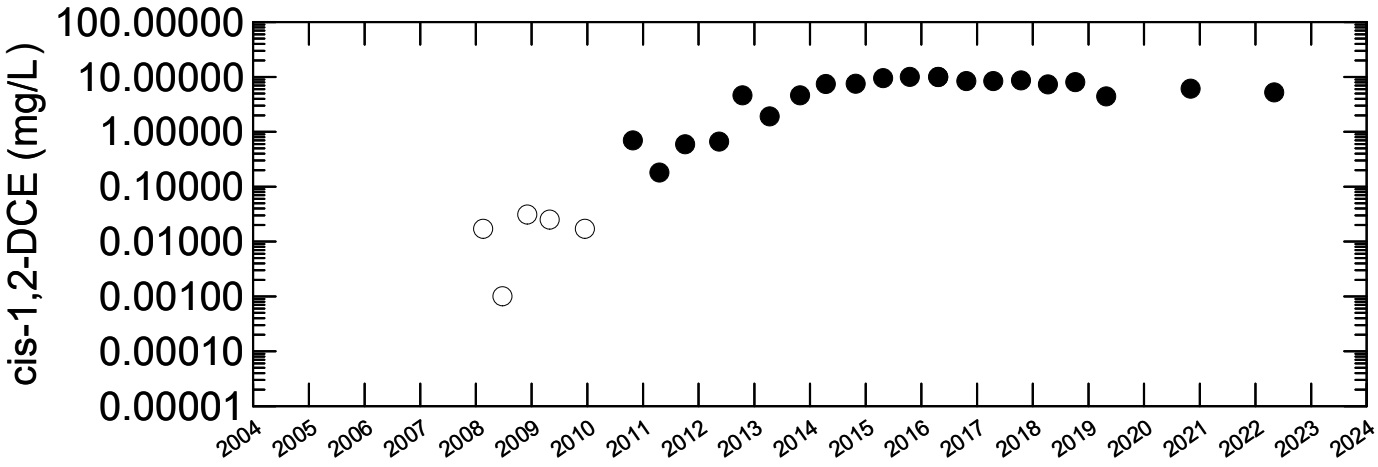
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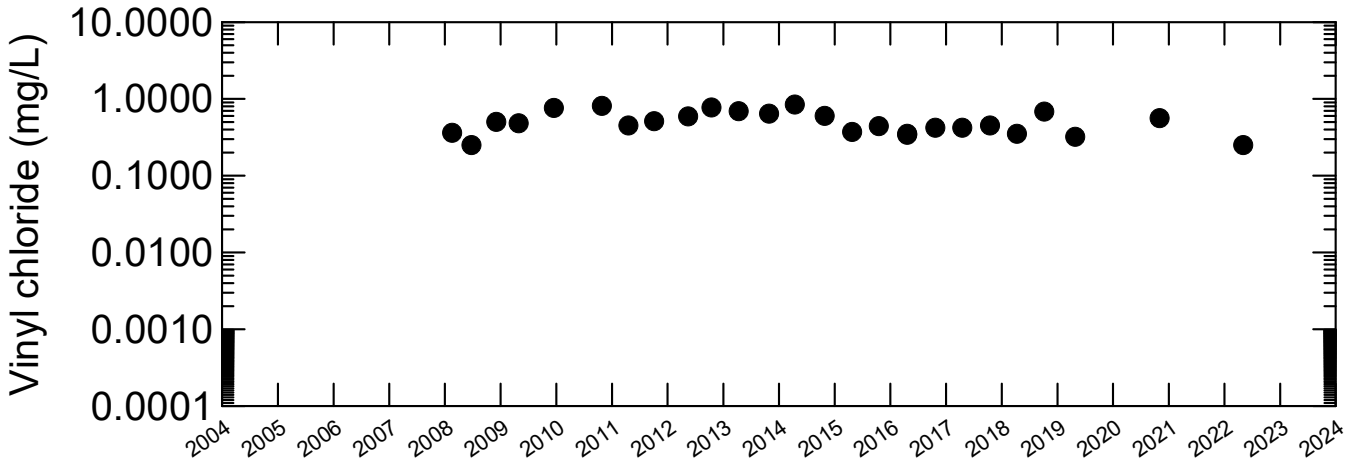
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 84







Legend:

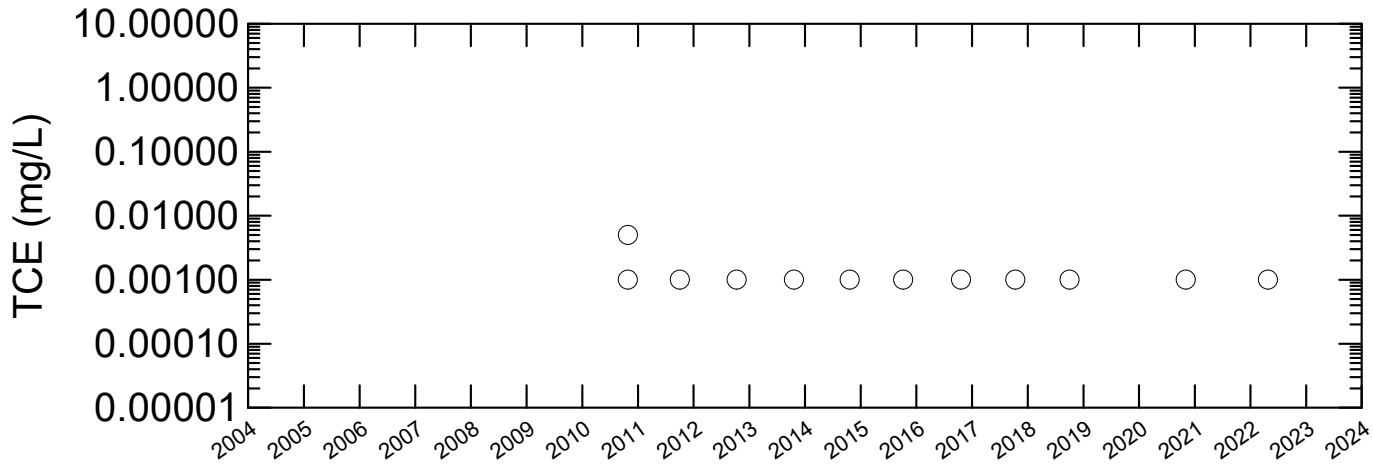
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

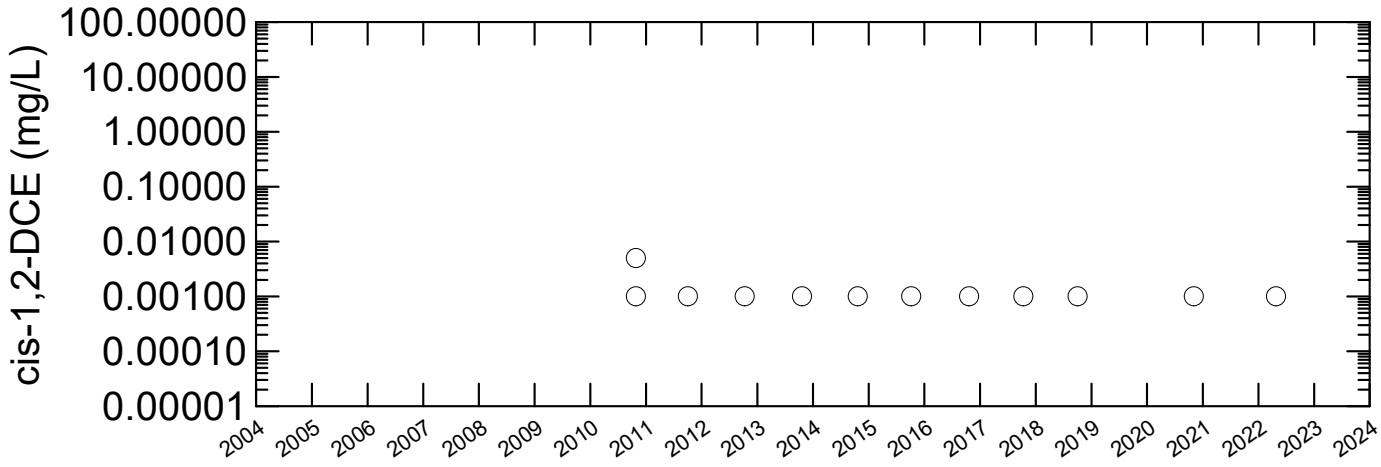
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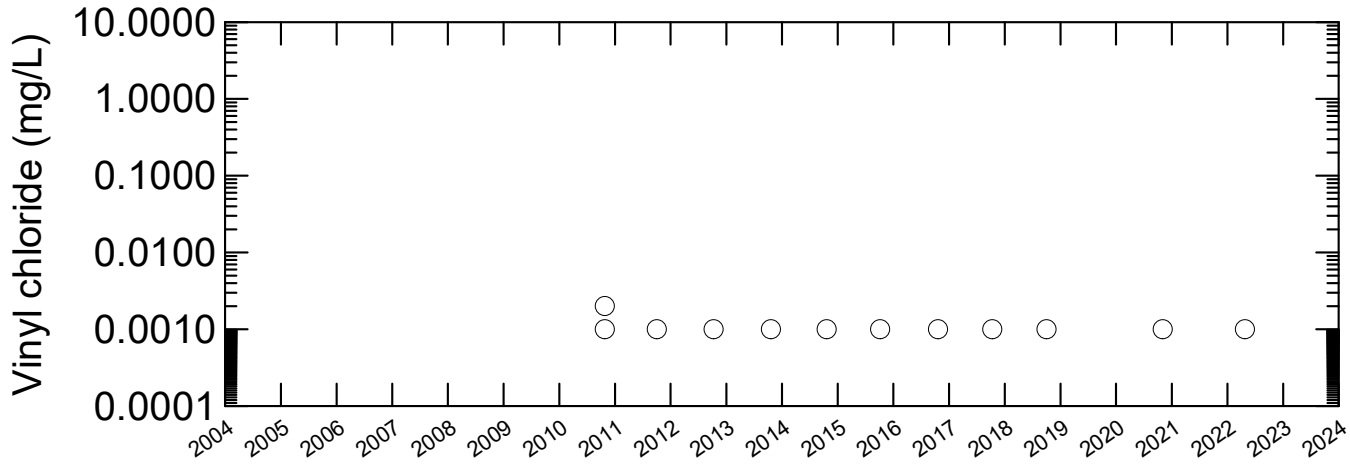
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 85







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

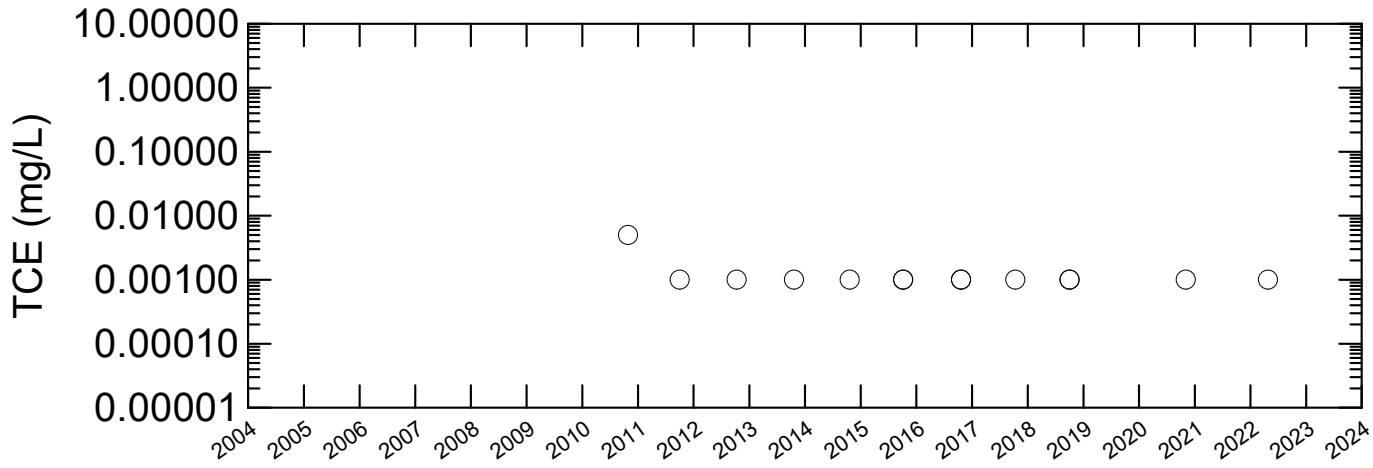
GHD

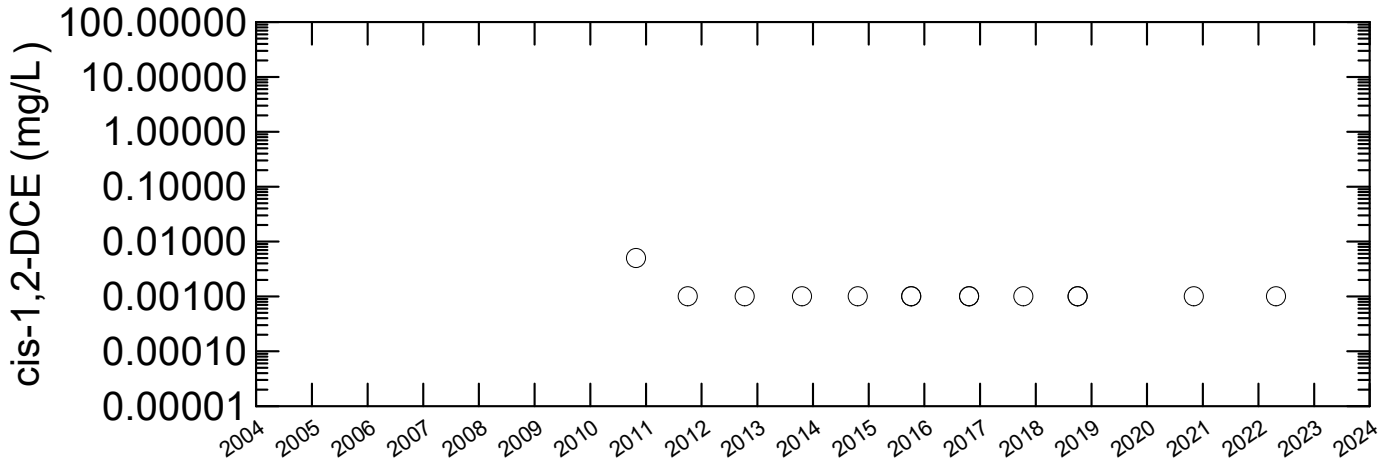
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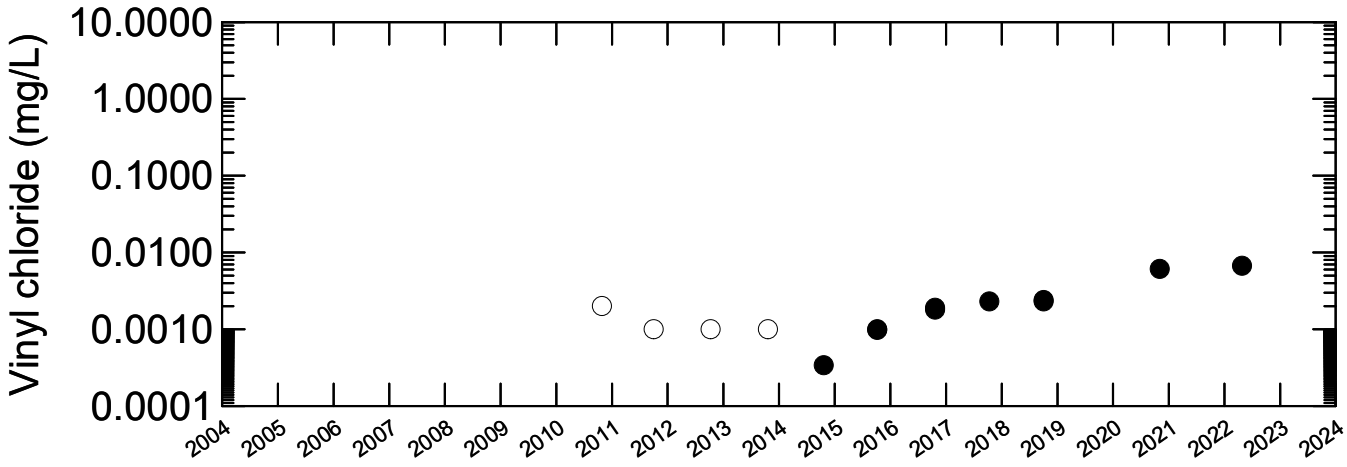
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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WELL MW 86







Legend:

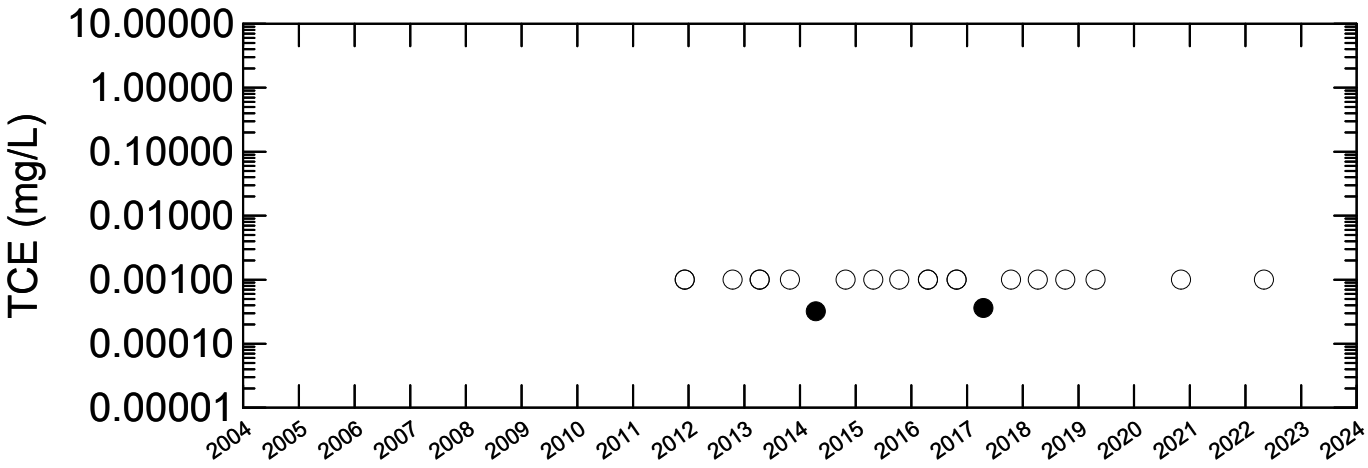
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

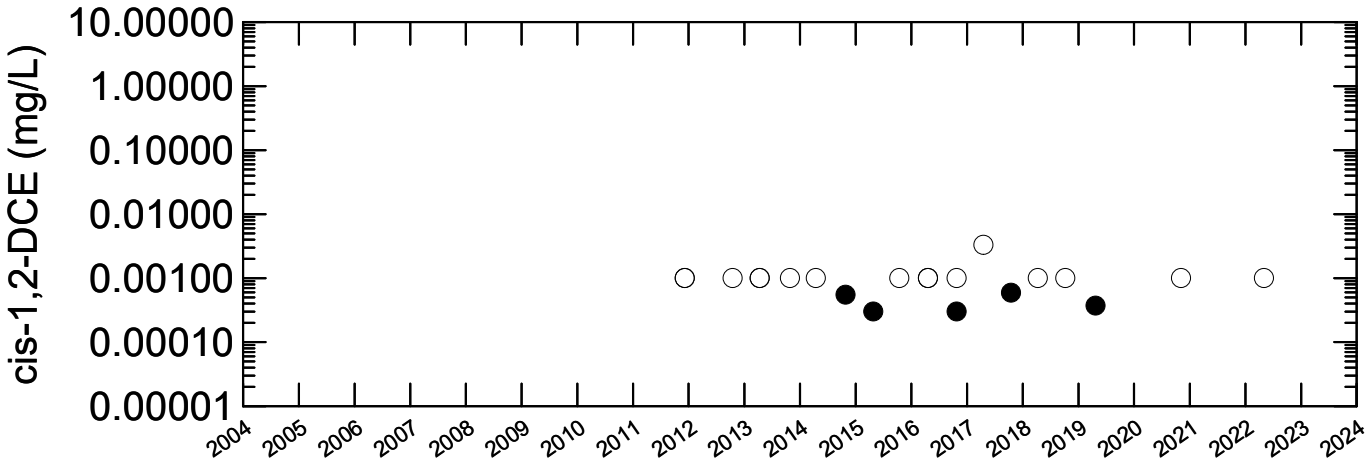
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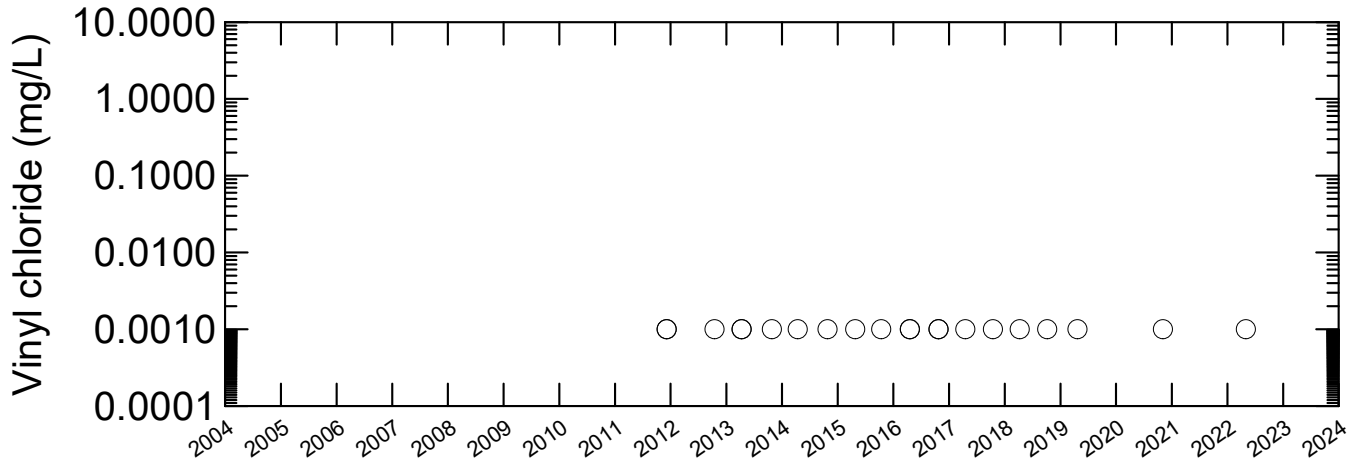
2022 GROUNDWATER MONITORING REPORT
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WELL MW 88







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

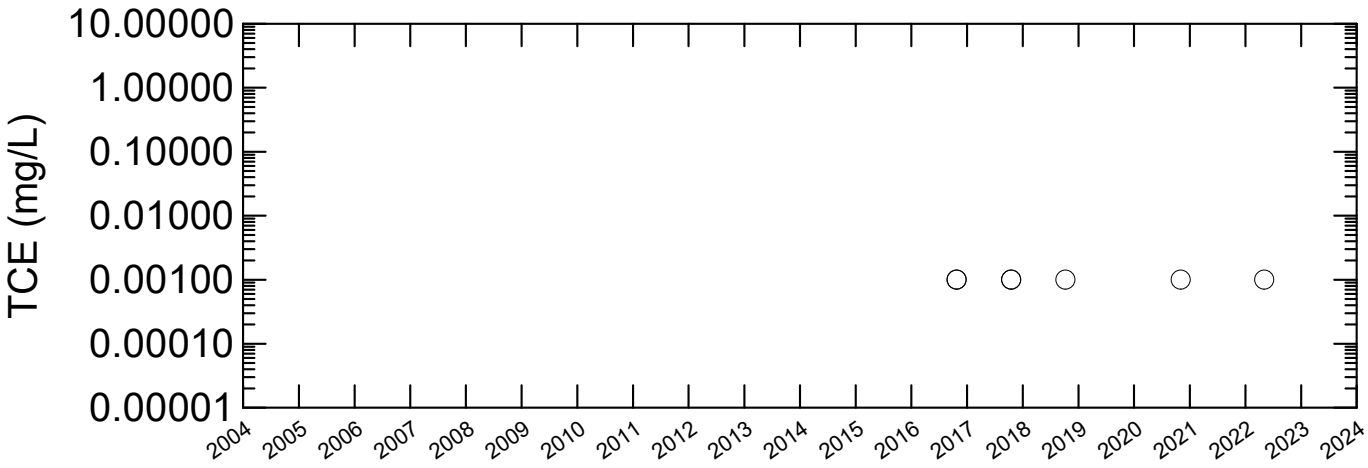
GHD

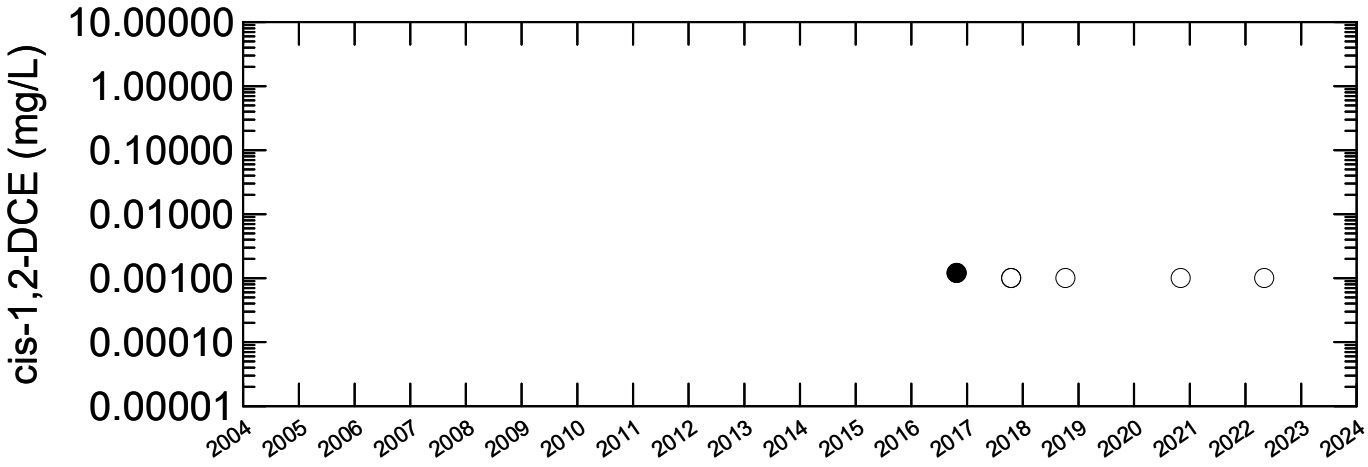
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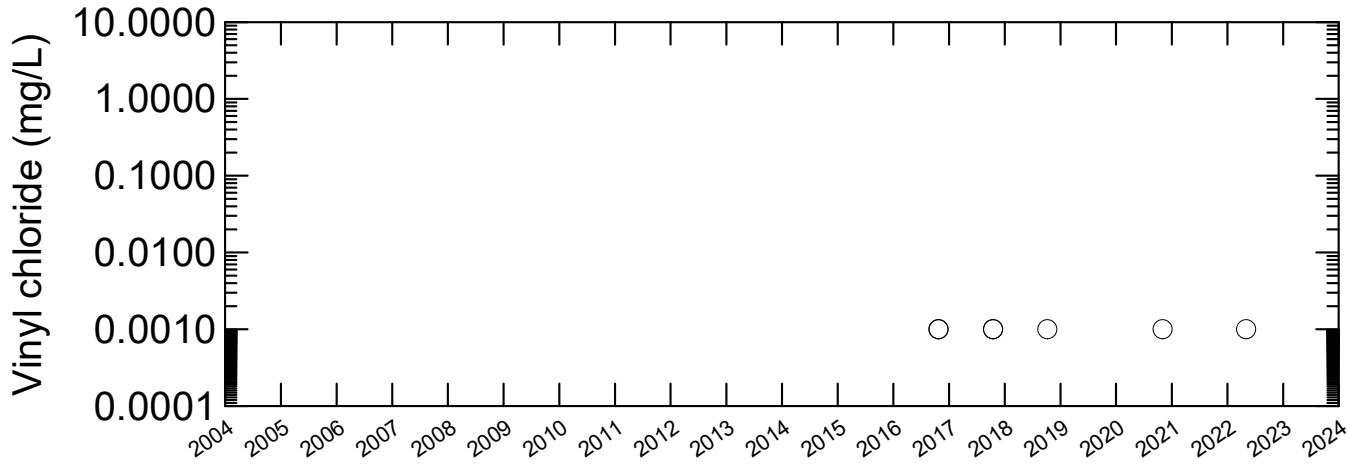
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
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WELL
MW 89-11







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

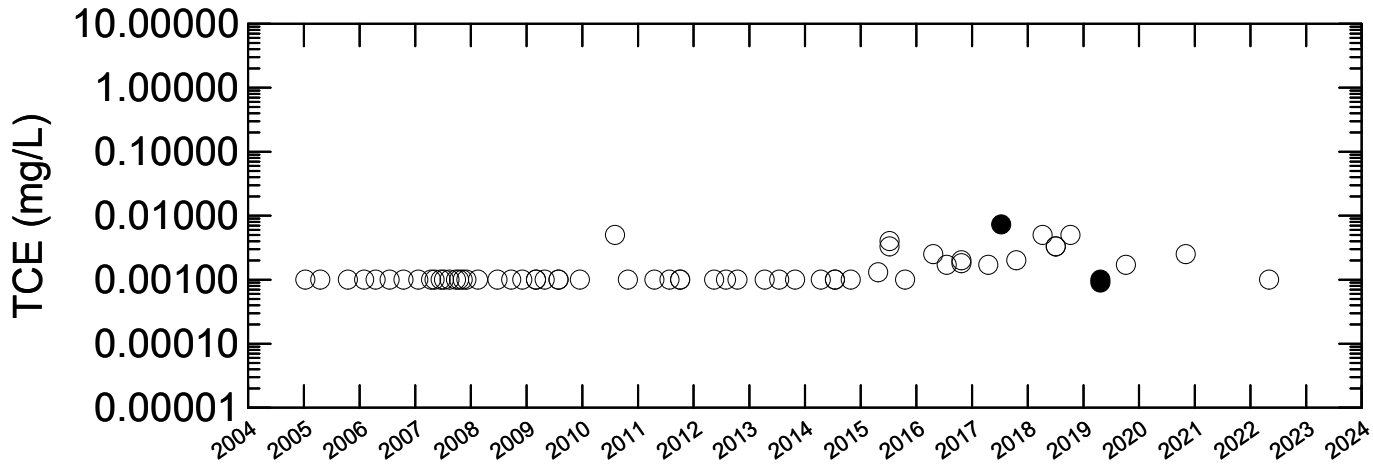
GHD

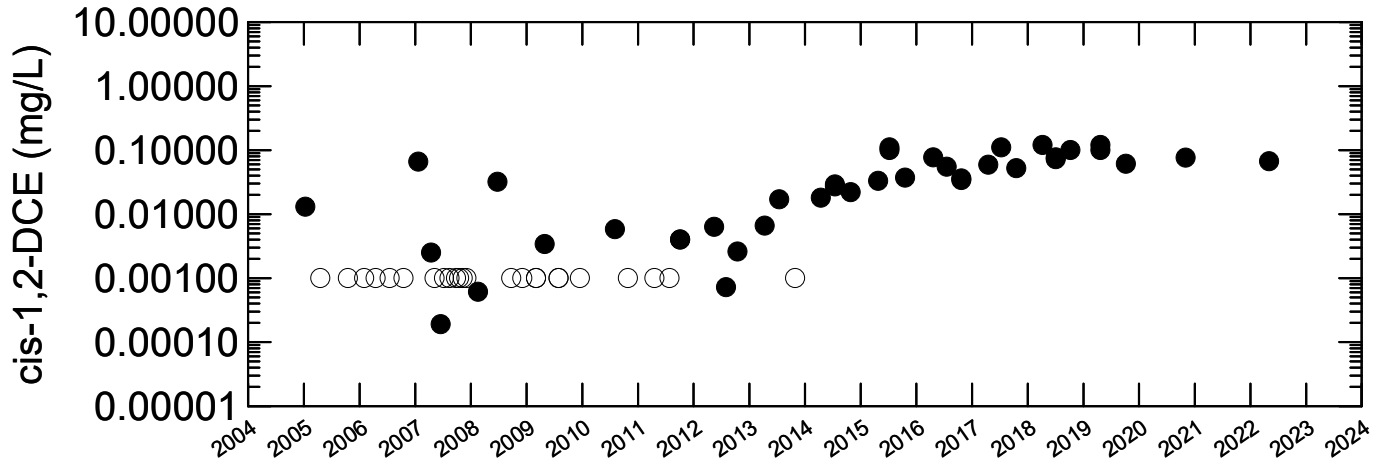
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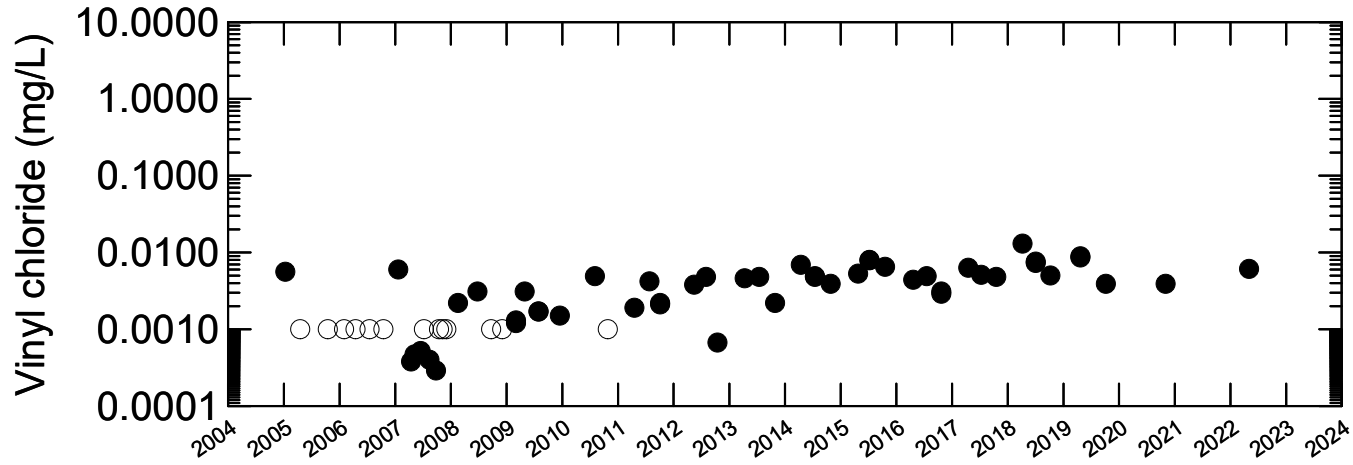
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

WELL MW97R-16







Legend:

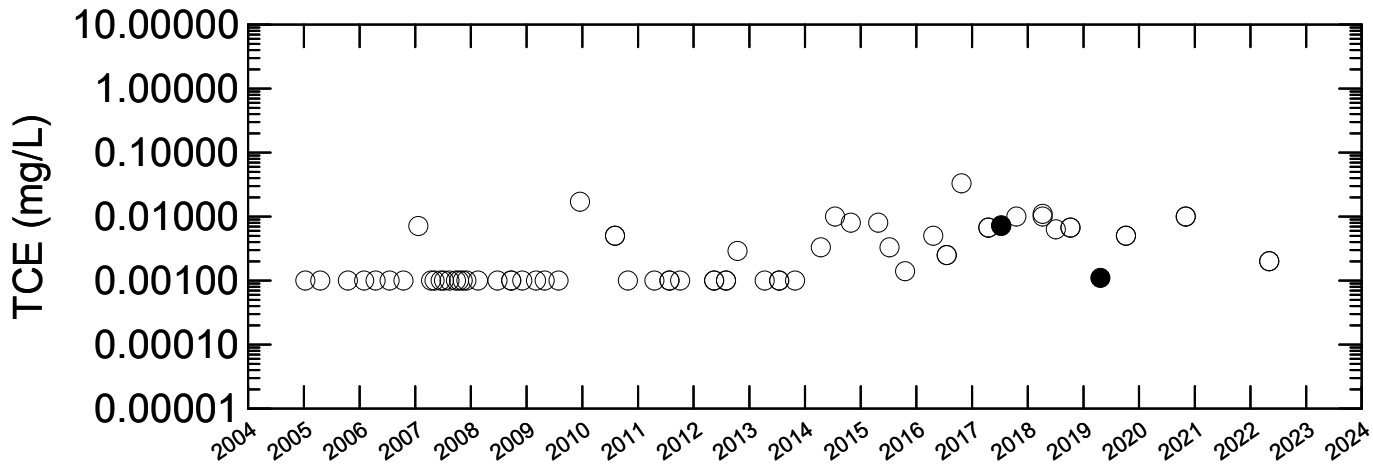
- ● Detected Result
- ○ Non-detect (plotted at detection limit)

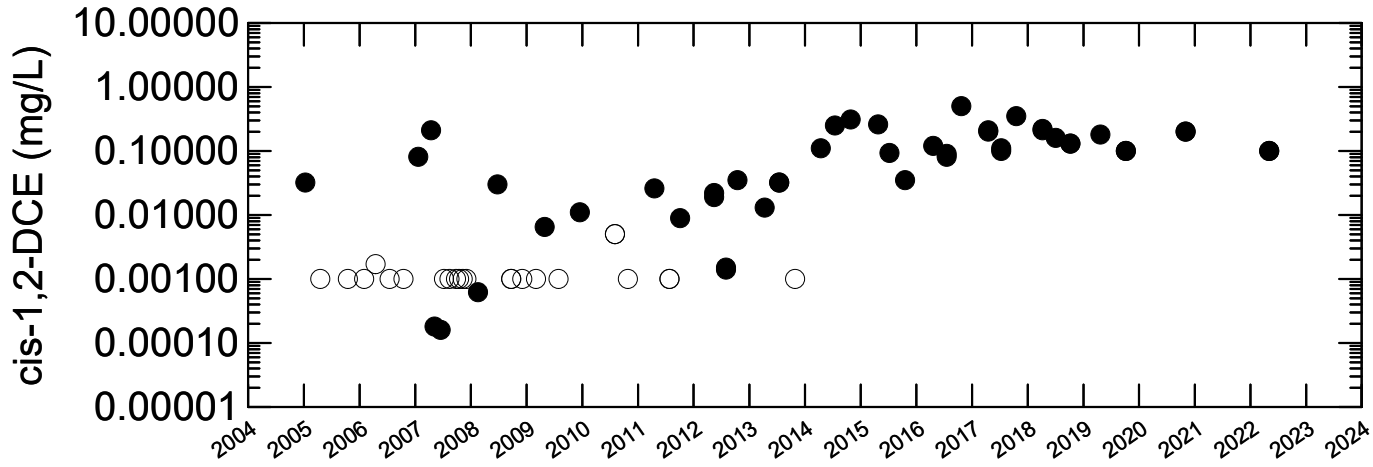
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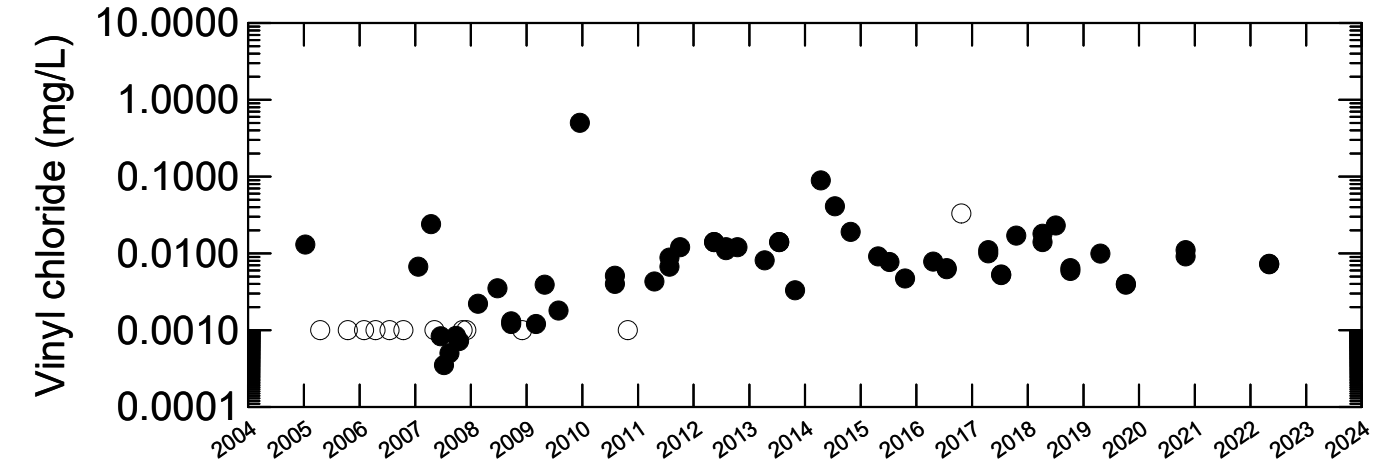
2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

Project No. **11209506**
Date: **Jul 13, 2022**

Pond Intake







Legend:

- ● Detected Result
- ○ Non-detect (plotted at detection limit)

GHD

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2022 GROUNDWATER MONITORING REPORT
ANALYTE CONCENTRATION vs. TIME

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Pond North

Groundwater Data
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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Trichloroethene	MW-2	5/9/2007	0.001 U	-	-	-
Trichloroethene	MW-2	7/10/2007	0.001 U	-	-	-
Trichloroethene	MW-2	10/17/2007	0.001 U	-	-	-
Trichloroethene	MW-2	6/25/2008	0.001 U	-	-	-
Trichloroethene	MW-2	12/17/2009	0.001 U	-	-	-
Trichloroethene	MW-2	10/28/2010	0.001 U	-	-	-
Trichloroethene	MW-2	10/6/2011	0.001 U	-	-	-
Trichloroethene	MW-2	10/16/2012	0.001 U	-	-	-
Trichloroethene	MW-2	10/29/2013	0.001 U	-	-	-
Trichloroethene	MW-2	10/29/2013	0.001 U	-	-	-
Trichloroethene	MW-2	10/29/2014	0.001 U	-	-	-
Trichloroethene	MW-2	10/19/2015	0.001 U	-	-	-
Trichloroethene	MW-2	10/24/2016	0.001 U	-	-	-
Trichloroethene	MW-2	10/17/2017	0.001 U	-	-	-
Trichloroethene	MW-2	10/8/2018	0.001 U	-	-	-
Trichloroethene	MW-2	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW-2	05/05/2022	0.001U	-	-	-
Trichloroethene	MW 3	2/1/2005	15	-	-	-
Trichloroethene	MW 3	2/1/2005	15	-	-	-
Trichloroethene	MW 3	10/18/2005	0.013	-	-	-
Trichloroethene	MW 3	1/31/2006	7.9	-	-	-
Trichloroethene	MW 3	4/18/2006	12	-	-	-
Trichloroethene	MW 3	4/18/2006	11	-	-	-
Trichloroethene	MW 3	7/19/2006	9.5	-	-	-
Trichloroethene	MW 3	7/19/2006	10	-	-	-
Trichloroethene	MW 3	10/16/2006	11 J	-	-	-
Trichloroethene	MW 3	1/24/2007	10 J	-	-	-
Trichloroethene	MW 3	4/17/2007	6.2	-	-	-
Trichloroethene	MW 3	4/17/2007	5.9	-	-	-
Trichloroethene	MW 3	7/11/2007	11	-	-	-
Trichloroethene	MW 3	10/16/2007	11	-	-	-
Trichloroethene	MW 3	2/18/2008	15	-	-	-
Trichloroethene	MW 3	6/30/2008	18	-	-	-
Trichloroethene	MW 3	6/30/2008	18	-	-	-
Trichloroethene	MW 3	12/4/2008	9.2	-	-	-
Trichloroethene	MW 3	4/30/2009	18	-	-	-
Trichloroethene	MW 3	12/15/2009	8.3	-	-	-
Trichloroethene	MW 3	12/15/2009	8	-	-	-
Trichloroethene	MW 3	10/28/2010	6.79	-	-	-
Trichloroethene	MW 3	10/28/2010	5.83	-	-	-
Trichloroethene	MW 3	4/18/2011	14	-	-	-
Trichloroethene	MW 3	10/5/2011	10	-	-	-
Trichloroethene	MW 3	5/16/2012	12 J	-	-	-
Trichloroethene	MW 3	10/15/2012	4	-	-	-
Trichloroethene	MW 3	4/9/2013	13	-	-	-
Trichloroethene	MW 3	10/24/2013	4.8	-	-	-
Trichloroethene	MW 3	10/24/2013	5.3	-	-	-
Trichloroethene	MW 3	4/15/2014	8.6	-	-	-
Trichloroethene	MW 3	10/23/2014	4.3	-	-	-
Trichloroethene	MW 3	4/28/2015	8.3	-	-	-
Trichloroethene	MW 3	10/14/2015	5.1	-	-	-
Trichloroethene	MW 3	4/20/2016	12	-	-	-
Trichloroethene	MW 3	10/25/2016	4.9	-	-	-
Trichloroethene	MW 3	4/18/2017	11	-	-	-
Trichloroethene	MW 3	10/12/2017	4.4	-	-	-
Trichloroethene	MW 3	4/11/2018	7.8	-	-	-
Trichloroethene	MW 3	10/3/2018	8.5	-	-	-
Trichloroethene	MW 3	04/25/2019	7.8	-	-	-
Trichloroethene	MW 3	11/03/2020	2.1	-	-	-
Trichloroethene	MW 3	04/28/2022	14 / 14	-	-	-
Trichloroethene	MW-4	1/11/2005	0.05	-	-	-
Trichloroethene	MW-4	10/19/2005	0.83 U	-	-	detection frequency
Trichloroethene	MW-4	2/1/2006	0.001 U	-	-	detection frequency
Trichloroethene	MW-4	4/18/2006	0.25 U	-	-	detection frequency
Trichloroethene	MW-4	7/18/2006	0.42 U	-	-	detection frequency
Trichloroethene	MW-4	10/17/2006	0.18 J	-	-	-
Trichloroethene	MW-4	1/24/2007	0.5 UJ	-	-	detection frequency
Trichloroethene	MW-4	4/16/2007	0.05 UJ	-	-	detection frequency
Trichloroethene	MW-4	7/10/2007	1 U	-	-	detection frequency
Trichloroethene	MW-4	7/10/2007	0.13 U	-	-	detection frequency
Trichloroethene	MW-4	10/17/2007	0.56 U	-	-	detection frequency
Trichloroethene	MW-4	10/17/2007	0.5 U	-	-	detection frequency
Trichloroethene	MW-4	2/18/2008	1 U	-	-	detection frequency
Trichloroethene	MW-4	6/25/2008	1 U	-	-	detection frequency
Trichloroethene	MW-4	6/25/2008	0.63 U	-	-	detection frequency
Trichloroethene	MW-4	12/3/2008	1 U	-	-	detection frequency
Trichloroethene	MW-4	4/30/2009	0.5 U	-	-	detection frequency
Trichloroethene	MW-4	4/30/2009	0.42 U	-	-	detection frequency
Trichloroethene	MW-4	12/16/2009	0.069 J	-	-	-
Trichloroethene	MW-4	12/16/2009	0.36 J	-	-	-
Trichloroethene	MW-4	10/28/2010	0.0112	-	-	-
Trichloroethene	MW-4	4/20/2011	0.25 U	-	-	detection frequency
Trichloroethene	MW-4	4/20/2011	0.33 U	-	-	detection frequency
Trichloroethene	MW-4	10/6/2011	0.092 J	-	-	-
Trichloroethene	MW-4	5/16/2012	0.25 J	-	-	-
Trichloroethene	MW-4	10/16/2012	0.99	-	-	-
Trichloroethene	MW-4	4/12/2013	0.74	-	-	-
Trichloroethene	MW-4	10/29/2013	1.5	-	-	-
Trichloroethene	MW-4	4/16/2014	0.47 J	-	-	-
Trichloroethene	MW-4	4/16/2014	0.52	-	-	-
Trichloroethene	MW-4	10/29/2014	1.7	-	-	-
Trichloroethene	MW-4	4/27/2015	0.5	-	-	-
Trichloroethene	MW-4	10/19/2015	1	-	-	-
Trichloroethene	MW-4	4/22/2016	0.8	-	-	-
Trichloroethene	MW-4	10/24/2016	1.7	-	-	-
Trichloroethene	MW-4	4/18/2017	1.1	-	-	-
Trichloroethene	MW-4	10/17/2017	2.4	-	-	-
Trichloroethene	MW-4	10/17/2017	2.1	-	-	-
Trichloroethene	MW-4	4/12/2018	1.3	-	-	-
Trichloroethene	MW-4	4/12/2018	1.4	-	-	-
Trichloroethene	MW-4	10/8/2018	1.6	-	-	-

Groundwater Data
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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Trichloroethene	MW-4	04/25/2019	0.8	-	-	-
Trichloroethene	MW-4	11/03/2020	1	-	-	-
Trichloroethene	MW-4	05/04/2022	0.66 / 0.75	-	-	-
Trichloroethene	MW-7	10/29/2014	0.001 U	-	-	-
Trichloroethene	MW-7	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW-7	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW-7	10/9/2018	0.001 U	-	-	-
Trichloroethene	MW-7	10/9/2018	0.001 U	-	-	-
Trichloroethene	MW-7	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW-7	05/04/2022	0.001 U	-	-	-
Trichloroethene	MW 8	2/2/2005	0.35	-	-	-
Trichloroethene	MW 8	10/17/2005	0.14 J	-	-	-
Trichloroethene	MW 8	10/17/2005	0.13 J	-	-	-
Trichloroethene	MW 8	2/1/2006	0.8 J	-	-	-
Trichloroethene	MW 8	4/17/2006	0.4 J	-	-	-
Trichloroethene	MW 8	7/18/2006	0.15 J	-	-	-
Trichloroethene	MW 8	10/16/2006	0.86	-	-	-
Trichloroethene	MW 8	1/23/2007	0.4 J	-	-	-
Trichloroethene	MW 8	4/16/2007	0.51 J	-	-	-
Trichloroethene	MW 8	7/10/2007	0.84	-	-	-
Trichloroethene	MW 8	10/15/2007	1.4	-	-	-
Trichloroethene	MW 8	6/27/2008	0.58 J	-	-	-
Trichloroethene	MW 8	12/15/2009	0.046	-	-	-
Trichloroethene	MW 8	10/27/2010	0.248	-	-	-
Trichloroethene	MW 8	4/18/2011	0.33	-	-	-
Trichloroethene	MW 8	10/5/2011	0.34	-	-	-
Trichloroethene	MW 8	5/15/2012	0.085 J	-	-	-
Trichloroethene	MW 8	5/15/2012	0.071 J	-	-	-
Trichloroethene	MW 8	10/15/2012	0.44	-	-	-
Trichloroethene	MW 8	4/9/2013	0.12 J	-	-	-
Trichloroethene	MW 8	10/24/2013	0.42	-	-	-
Trichloroethene	MW 8	4/15/2014	0.19 J	-	-	-
Trichloroethene	MW 8	10/23/2014	0.31	-	-	-
Trichloroethene	MW 8	4/28/2015	0.33	-	-	-
Trichloroethene	MW 8	10/14/2015	0.42	-	-	-
Trichloroethene	MW 8	4/20/2016	0.17 J	-	-	-
Trichloroethene	MW 8	4/20/2016	0.16 J	-	-	-
Trichloroethene	MW 8	10/21/2016	0.39	-	-	-
Trichloroethene	MW 8	4/18/2017	0.09 J	-	-	-
Trichloroethene	MW 8	10/12/2017	0.37	-	-	-
Trichloroethene	MW 8	4/10/2018	0.15 J	-	-	-
Trichloroethene	MW 8	10/2/2018	0.17	-	-	-
Trichloroethene	MW 8	04/25/2019	0.089	-	-	-
Trichloroethene	MW 8	11/03/2020	0.16	-	-	-
Trichloroethene	MW 8	04/29/2022	0.41	-	-	-
Trichloroethene	MW 12	2/2/2005	0.16	-	-	-
Trichloroethene	MW 12	10/19/2005	0.11	-	-	-
Trichloroethene	MW 12	10/19/2005	0.13	-	-	-
Trichloroethene	MW 12	1/31/2006	0.15	-	-	-
Trichloroethene	MW 12	4/18/2006	0.065	-	-	-
Trichloroethene	MW 12	7/18/2006	0.041	-	-	-
Trichloroethene	MW 12	7/18/2006	0.041	-	-	-
Trichloroethene	MW 12	10/19/2006	0.09 J	-	-	-
Trichloroethene	MW 12	1/22/2007	0.038	-	-	-
Trichloroethene	MW 12	4/18/2007	0.063 U	-	-	-
Trichloroethene	MW 12	7/11/2007	0.063	-	-	-
Trichloroethene	MW 12	10/19/2007	0.061	-	-	-
Trichloroethene	MW 12	6/27/2008	0.039	-	-	-
Trichloroethene	MW 12	12/5/2008	0.036	-	-	-
Trichloroethene	MW 12	4/29/2009	0.028	-	-	-
Trichloroethene	MW 12	12/9/2009	0.024	-	-	-
Trichloroethene	MW 12	10/26/2010	0.0099	-	-	-
Trichloroethene	MW 12	4/20/2011	0.0098 J	-	-	-
Trichloroethene	MW 12	10/5/2011	0.0073 J	-	-	-
Trichloroethene	MW 12	5/15/2012	0.0058 J	-	-	-
Trichloroethene	MW 12	10/11/2012	0.004 J	-	-	-
Trichloroethene	MW 12	4/9/2013	0.0059 J	-	-	-
Trichloroethene	MW 12	10/23/2013	0.003 J	-	-	-
Trichloroethene	MW 12	4/11/2014	0.0017 J	-	-	-
Trichloroethene	MW 12	10/24/2014	0.0012 J	-	-	-
Trichloroethene	MW 12	10/24/2014	0.0013 J	-	-	-
Trichloroethene	MW 12	4/27/2015	0.0057 U	-	-	-
Trichloroethene	MW 12	10/9/2015	0.005 U	-	-	-
Trichloroethene	MW 12	4/21/2016	0.005 U	-	-	-
Trichloroethene	MW 12	10/25/2016	0.005 U	-	-	-
Trichloroethene	MW 12	4/19/2017	0.00085 J	-	-	-
Trichloroethene	MW 12	10/6/2017	0.0033 U	-	-	-
Trichloroethene	MW 12	4/11/2018	0.0026 J	-	-	-
Trichloroethene	MW 12	10/4/2018	0.005 U	-	-	-
Trichloroethene	MW 12	04/25/2019	0.00048 J	-	-	-
Trichloroethene	MW 12	11/03/2020	0.00028 J	-	-	-
Trichloroethene	MW 12	05/03/2022	0.001 U	-	-	-
Trichloroethene	MW 14	2/2/2005	0.05 U	-	-	-
Trichloroethene	MW 14	10/17/2005	0.001 U	-	-	-
Trichloroethene	MW 14	2/1/2006	0.5 U	-	-	-
Trichloroethene	MW 14	4/18/2006	0.25 U	-	-	-
Trichloroethene	MW 14	7/19/2006	0.25 U	-	-	-
Trichloroethene	MW 14	10/18/2006	0.36 U	-	-	-
Trichloroethene	MW 14	1/24/2007	0.25 UJ	-	-	-
Trichloroethene	MW 14	4/17/2007	0.028 UJ	-	-	-
Trichloroethene	MW 14	7/9/2007	0.33 U	-	-	-
Trichloroethene	MW 14	10/16/2007	0.42 U	-	-	-
Trichloroethene	MW 14	6/30/2008	0.001	-	-	-
Trichloroethene	MW 14	12/5/2008	0.5 U	-	-	-
Trichloroethene	MW 14	4/29/2009	0.25 U	-	-	-
Trichloroethene	MW 14	12/15/2009	0.0054 J	-	-	-
Trichloroethene	MW 14	10/27/2010	0.01 U	-	-	-
Trichloroethene	MW 14	4/18/2011	0.17 U	-	-	-
Trichloroethene	MW 14	10/5/2011	0.2 U	-	-	-
Trichloroethene	MW 14	5/15/2012	0.17 U	-	-	-
Trichloroethene	MW 14	10/15/2012	0.2 U	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Trichloroethene	MW 14	4/9/2013	0.17 U	-	-	-
Trichloroethene	MW 14	4/9/2013	0.17 U	-	-	-
Trichloroethene	MW 14	10/25/2013	0.25 U	-	-	-
Trichloroethene	MW 14	10/25/2013	0.2 U	-	-	-
Trichloroethene	MW 14	4/15/2014	0.17 U	-	-	-
Trichloroethene	MW 14	4/15/2014	0.17 U	-	-	-
Trichloroethene	MW 14	10/24/2014	0.33 U	-	-	-
Trichloroethene	MW 14	4/29/2015	0.2 U	-	-	-
Trichloroethene	MW 14	4/29/2015	0.2 U	-	-	-
Trichloroethene	MW 14	10/12/2015	0.2 U	-	-	-
Trichloroethene	MW 14	4/19/2016	0.17 U	-	-	-
Trichloroethene	MW 14	10/25/2016	0.2 U	-	-	-
Trichloroethene	MW 14	4/18/2017	0.13 U	-	-	-
Trichloroethene	MW 14	4/18/2017	0.13 U	-	-	-
Trichloroethene	MW 14	10/13/2017	0.2 U	-	-	-
Trichloroethene	MW 14	10/13/2017	0.2 U	-	-	-
Trichloroethene	MW 14	4/10/2018	0.2 U	-	-	-
Trichloroethene	MW 14	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 14	04/25/2019	0.14 U	-	-	-
Trichloroethene	MW 14	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 14	04/27/2022	0.13U / 0.13U	-	-	-
Trichloroethene	MW 15	2/1/2005	6.7	-	-	-
Trichloroethene	MW 15	10/18/2005	6.9	-	-	-
Trichloroethene	MW 15	2/1/2006	8.3	-	-	-
Trichloroethene	MW 15	4/18/2006	6	-	-	-
Trichloroethene	MW 15	7/19/2006	5.3	-	-	-
Trichloroethene	MW 15	10/17/2006	7.2 J	-	-	-
Trichloroethene	MW 15	1/24/2007	6.1	-	-	-
Trichloroethene	MW 15	4/17/2007	4.9	-	-	-
Trichloroethene	MW 15	7/10/2007	9.4	-	-	-
Trichloroethene	MW 15	7/10/2007	10	-	-	-
Trichloroethene	MW 15	10/16/2007	8	-	-	-
Trichloroethene	MW 15	2/14/2008	7.4	-	-	-
Trichloroethene	MW 15	10/24/2013	8.3	-	-	-
Trichloroethene	MW 15	10/23/2014	5.5	-	-	-
Trichloroethene	MW 15	10/14/2015	3	-	-	-
Trichloroethene	MW 15	10/21/2016	2.5	-	-	-
Trichloroethene	MW 15	10/11/2017	4.1	-	-	-
Trichloroethene	MW 15	10/2/2018	3.7	-	-	-
Trichloroethene	MW 15	11/03/2020	2.5	-	-	-
Trichloroethene	MW 15	04/28/2022	7.1	-	-	-
Trichloroethene	MW 16	1/17/2005	0.001 U	-	-	-
Trichloroethene	MW 16	11/14/2013	0.001 U	-	-	-
Trichloroethene	MW 16	4/10/2014	0.001 U	-	-	-
Trichloroethene	MW 16	10/12/2015	0.001 U	-	-	-
Trichloroethene	MW 16	10/23/2016	0.001 U	-	-	-
Trichloroethene	MW 16	10/12/2017	0.0017	-	-	-
Trichloroethene	MW 16	10/3/2018	0.005 U	-	-	-
Trichloroethene	MW 16	10/08/2019	0.63 U	-	-	-
Trichloroethene	MW 16	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 16	04/28/2022	1.9	-	-	-
Trichloroethene	MW 21	2/1/2005	0.001 U	-	-	-
Trichloroethene	MW 21	10/17/2005	0.001 U	-	-	-
Trichloroethene	MW 21	2/1/2006	0.00066 J	-	-	-
Trichloroethene	MW 21	4/17/2006	0.001 U	-	-	-
Trichloroethene	MW 21	7/18/2006	0.001 U	-	-	-
Trichloroethene	MW 21	10/16/2006	0.001 U	-	-	-
Trichloroethene	MW 21	1/23/2007	0.001 U	-	-	-
Trichloroethene	MW 21	4/16/2007	0.001 U	-	-	-
Trichloroethene	MW 21	7/9/2007	0.001 U	-	-	-
Trichloroethene	MW 21	10/15/2007	0.001 U	-	-	-
Trichloroethene	MW 21	10/14/2015	0.001 U	-	-	-
Trichloroethene	MW 21	10/21/2016	0.001 U	-	-	-
Trichloroethene	MW 21	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW 21	10/3/2018	0.0013	-	-	-
Trichloroethene	MW 21	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 21	04/29/2022	0.001 U	-	-	-
Trichloroethene	MW 28	10/18/2005	0.0063 U	-	-	-
Trichloroethene	MW 28	10/19/2006	0.00015 J	-	-	-
Trichloroethene	MW 28	10/18/2007	0.0071 U	-	-	-
Trichloroethene	MW 28	6/24/2008	0.0042 U	-	-	-
Trichloroethene	MW 28	12/4/2008	0.005 U	-	-	-
Trichloroethene	MW 28	4/29/2009	0.005 U	-	-	-
Trichloroethene	MW 28	12/4/2009	0.0063 U	-	-	-
Trichloroethene	MW 28	10/26/2010	0.005 U	-	-	-
Trichloroethene	MW 28	4/19/2011	0.002 U	-	-	-
Trichloroethene	MW 28	10/3/2011	0.0033 U	-	-	-
Trichloroethene	MW 28	5/14/2012	0.0033 U	-	-	-
Trichloroethene	MW 28	10/10/2012	0.004 U	-	-	-
Trichloroethene	MW 28	4/10/2013	0.0067 U	-	-	-
Trichloroethene	MW 28	10/23/2013	0.0091 U	-	-	-
Trichloroethene	MW 28	4/15/2014	0.014 U	-	-	-
Trichloroethene	MW 28	4/15/2014	0.014 U	-	-	-
Trichloroethene	MW 28	10/27/2014	0.02 U	-	-	-
Trichloroethene	MW 28	4/29/2015	0.025 U	-	-	-
Trichloroethene	MW 28	10/12/2015	0.04 U	-	-	-
Trichloroethene	MW 28	4/19/2016	0.033 U	-	-	-
Trichloroethene	MW 28	10/22/2016	0.05 U	-	-	-
Trichloroethene	MW 28	4/19/2017	0.025 U	-	-	-
Trichloroethene	MW 28	10/9/2017	0.04 U	-	-	-
Trichloroethene	MW 28	4/12/2018	0.05 U	-	-	-
Trichloroethene	MW 28	10/4/2018	0.067 U	-	-	-
Trichloroethene	MW 28	10/4/2018	0.067 U	-	-	-
Trichloroethene	MW 28	04/25/2019	0.04 U	-	-	-
Trichloroethene	MW 28	11/03/2020	0.067 U	-	-	-
Trichloroethene	MW 28	04/26/2022	0.08 U	-	-	-
Trichloroethene	MW 31R	10/18/2005	2.1 J	-	-	-
Trichloroethene	MW 31R	1/31/2006	2.5	-	-	-
Trichloroethene	MW 31R	4/19/2006	1.4	-	-	-
Trichloroethene	MW 31R	7/19/2006	0.18 J	-	-	-
Trichloroethene	MW 31R	10/17/2006	0.12 J	-	-	-

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Trichloroethene	MW 31R	10/17/2006	0.13 J	-	-	-
Trichloroethene	MW 31R	1/23/2007	0.97 J	-	-	-
Trichloroethene	MW 31R	1/23/2007	0.87 J	-	-	-
Trichloroethene	MW 31R	4/17/2007	0.93 J	-	-	-
Trichloroethene	MW 31R	7/11/2007	1 U	-	-	detection frequency
Trichloroethene	MW 31R	10/17/2007	0.1 U	-	-	detection frequency
Trichloroethene	MW 31R	2/14/2008	0.74 J	-	-	-
Trichloroethene	MW 31R	2/14/2008	0.67 J	-	-	-
Trichloroethene	MW 31R	12/4/2008	0.83 U	-	-	detection frequency
Trichloroethene	MW 31R	4/29/2009	0.54	-	-	-
Trichloroethene	MW 31R	12/15/2009	2.3	-	-	-
Trichloroethene	MW 31R	10/28/2010	0.0416	-	-	-
Trichloroethene	MW 31R	4/18/2011	0.34	-	-	-
Trichloroethene	MW 31R	10/4/2011	0.32	-	-	-
Trichloroethene	MW 31R	5/15/2012	0.25 U	-	-	detection frequency
Trichloroethene	MW 31R	10/15/2012	0.078 J	-	-	-
Trichloroethene	MW 31R	4/9/2013	0.057 J	-	-	-
Trichloroethene	MW 31R	10/24/2013	0.15 J	-	-	-
Trichloroethene	MW 31R	4/15/2014	0.12 J	-	-	-
Trichloroethene	MW 31R	10/27/2014	0.04 J	-	-	-
Trichloroethene	MW 31R	4/28/2015	0.5 U	-	-	detection frequency
Trichloroethene	MW 31R	10/14/2015	0.25 U	-	-	detection frequency
Trichloroethene	MW 31R	4/20/2016	0.5 U	-	-	detection frequency
Trichloroethene	MW 31R	10/21/2016	0.71 U	-	-	detection frequency
Trichloroethene	MW 31R	10/21/2016	0.71 U	-	-	detection frequency
Trichloroethene	MW 31R	4/19/2017	0.63 U	-	-	detection frequency
Trichloroethene	MW 31R	10/12/2017	0.83 U	-	-	detection frequency
Trichloroethene	MW 31R	4/10/2018	1 U	-	-	-
Trichloroethene	MW 31R	10/2/2018	1 U	-	-	-
Trichloroethene	MW 31R	10/2/2018	1 U	-	-	-
Trichloroethene	MW 31R	04/25/2019	5 U	-	-	-
Trichloroethene	MW 31R	11/03/2020	0.038 J	-	-	-
Trichloroethene	MW 31R	04/28/2022	1 U	-	-	-
Trichloroethene	MW 37	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 37	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 37	10/17/2007	0.001 U	-	-	-
Trichloroethene	MW 37	6/26/2008	0.001 U	-	-	-
Trichloroethene	MW 37	12/16/2009	0.001 U	-	-	-
Trichloroethene	MW 37	10/27/2010	0.001 U	-	-	-
Trichloroethene	MW 37	10/5/2011	0.001 U	-	-	-
Trichloroethene	MW 37	10/17/2012	0.001 U	-	-	-
Trichloroethene	MW 37	10/17/2012	0.001 U	-	-	-
Trichloroethene	MW 37	10/25/2013	0.001 U	-	-	-
Trichloroethene	MW 37	10/22/2014	0.001 U	-	-	-
Trichloroethene	MW 37	10/9/2015	0.001 U	-	-	-
Trichloroethene	MW 37	10/23/2016	0.001 U	-	-	-
Trichloroethene	MW 37	10/16/2017	0.001 U	-	-	-
Trichloroethene	MW 37	10/5/2018	0.001 U	-	-	-
Trichloroethene	MW 37	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 37	05/02/2022	0.001 U	-	-	-
Trichloroethene	MW 40	1/12/2005	0.1 U	-	-	-
Trichloroethene	MW 40	10/18/2005	0.0013 U	-	-	-
Trichloroethene	MW 40	1/30/2006	0.5 U	-	-	-
Trichloroethene	MW 40	4/17/2006	0.63 U	-	-	-
Trichloroethene	MW 40	7/19/2006	0.63 U	-	-	-
Trichloroethene	MW 40	10/18/2006	0.0011	-	-	-
Trichloroethene	MW 40	1/23/2007	0.5 UJ	-	-	-
Trichloroethene	MW 40	4/18/2007	0.042 UJ	-	-	-
Trichloroethene	MW 40	7/10/2007	0.83 U	-	-	-
Trichloroethene	MW 40	10/18/2007	0.5 U	-	-	-
Trichloroethene	MW 40	2/15/2008	0.63 U	-	-	-
Trichloroethene	MW 40	6/26/2008	0.14 J	-	-	-
Trichloroethene	MW 40	12/3/2008	0.71 U	-	-	-
Trichloroethene	MW 40	12/3/2008	0.83 U	-	-	-
Trichloroethene	MW 40	4/30/2009	0.5 U	-	-	-
Trichloroethene	MW 40	12/9/2009	0.25 U	-	-	-
Trichloroethene	MW 40	10/26/2010	0.125 U	-	-	-
Trichloroethene	MW 40	4/19/2011	0.25 U	-	-	-
Trichloroethene	MW 40	10/4/2011	0.25 U	-	-	-
Trichloroethene	MW 40	5/14/2012	0.13 J	-	-	-
Trichloroethene	MW 40	10/10/2012	0.073 J	-	-	-
Trichloroethene	MW 40	4/9/2013	0.13 J	-	-	-
Trichloroethene	MW 40	10/24/2013	0.15 J	-	-	-
Trichloroethene	MW 40	4/14/2014	0.22 J	-	-	-
Trichloroethene	MW 40	10/27/2014	0.21 J	-	-	-
Trichloroethene	MW 40	4/28/2015	0.32 J	-	-	-
Trichloroethene	MW 40	10/13/2015	0.26	-	-	-
Trichloroethene	MW 40	4/19/2016	0.31	-	-	-
Trichloroethene	MW 40	10/20/2016	0.16 J	-	-	-
Trichloroethene	MW 40	4/19/2017	0.4	-	-	-
Trichloroethene	MW 40	10/10/2017	0.36	-	-	-
Trichloroethene	MW 40	10/10/2017	0.35	-	-	-
Trichloroethene	MW 40	4/13/2018	0.34	-	-	-
Trichloroethene	MW 40	10/3/2018	0.28	-	-	-
Trichloroethene	MW 40	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 40	11/03/2020	0.18	-	-	-
Trichloroethene	MW 40	04/26/2022	0.17 J	-	-	-
Trichloroethene	MW 41	10/17/2005	0.28 U	-	-	-
Trichloroethene	MW 41	1/30/2006	0.5 U	-	-	-
Trichloroethene	MW 41	4/17/2006	0.00017 J	-	-	-
Trichloroethene	MW 41	4/17/2006	0.00015 J	-	-	-
Trichloroethene	MW 41	7/18/2006	0.31 U	-	-	-
Trichloroethene	MW 41	10/18/2006	0.5 U	-	-	-
Trichloroethene	MW 41	1/23/2007	0.5 UJ	-	-	-
Trichloroethene	MW 41	4/18/2007	0.031 UJ	-	-	-
Trichloroethene	MW 41	4/18/2007	0.013 U	-	-	-
Trichloroethene	MW 41	7/10/2007	0.63 U	-	-	-
Trichloroethene	MW 41	10/18/2007	0.5 U	-	-	-
Trichloroethene	MW 41	2/15/2008	0.42 U	-	-	-
Trichloroethene	MW 41	6/24/2008	0.5 U	-	-	-
Trichloroethene	MW 41	12/3/2008	0.5 U	-	-	-

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Trichloroethene	MW 41	4/28/2009	0.5 U	-	-	-
Trichloroethene	MW 41	12/3/2009	0.25 U	-	-	-
Trichloroethene	MW 41	10/25/2010	0.125 U	-	-	-
Trichloroethene	MW 41	4/19/2011	0.17 U	-	-	-
Trichloroethene	MW 41	10/4/2011	0.2 U	-	-	-
Trichloroethene	MW 41	5/14/2012	0.2 U	-	-	-
Trichloroethene	MW 41	10/10/2012	0.2 U	-	-	-
Trichloroethene	MW 41	4/9/2013	0.2 U	-	-	-
Trichloroethene	MW 41	10/25/2013	0.33 U	-	-	-
Trichloroethene	MW 41	4/14/2014	0.2 U	-	-	-
Trichloroethene	MW 41	10/23/2014	0.63 U	-	-	-
Trichloroethene	MW 41	4/29/2015	0.33 U	-	-	-
Trichloroethene	MW 41	10/12/2015	0.33 U	-	-	-
Trichloroethene	MW 41	10/12/2015	0.25 U	-	-	-
Trichloroethene	MW 41	4/19/2016	0.2 U	-	-	-
Trichloroethene	MW 41	10/23/2016	0.33 U	-	-	-
Trichloroethene	MW 41	4/19/2017	0.2 U	-	-	-
Trichloroethene	MW 41	10/9/2017	0.2 U	-	-	-
Trichloroethene	MW 41	4/13/2018	0.33 U	-	-	-
Trichloroethene	MW 41	10/4/2018	0.33 U	-	-	-
Trichloroethene	MW 41	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 41	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 41	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 41	04/26/2022	0.1 U	-	-	-
Trichloroethene	MW 42	10/18/2005	0.001 U	-	-	-
Trichloroethene	MW 42	1/30/2006	0.5 U	-	-	-
Trichloroethene	MW 42	1/30/2006	0.5 U	-	-	-
Trichloroethene	MW 42	4/17/2006	0.00011 J	-	-	-
Trichloroethene	MW 42	7/18/2006	0.31 U	-	-	-
Trichloroethene	MW 42	10/18/2006	0.42 U	-	-	-
Trichloroethene	MW 42	1/23/2007	0.5 UJ	-	-	-
Trichloroethene	MW 42	1/23/2007	0.5 UJ	-	-	-
Trichloroethene	MW 42	4/18/2007	0.031 UJ	-	-	-
Trichloroethene	MW 42	7/10/2007	0.71 U	-	-	-
Trichloroethene	MW 42	10/18/2007	0.5 U	-	-	-
Trichloroethene	MW 42	2/15/2008	0.42 U	-	-	-
Trichloroethene	MW 42	6/24/2008	0.5 U	-	-	-
Trichloroethene	MW 42	12/3/2008	0.5 U	-	-	-
Trichloroethene	MW 42	4/28/2009	0.5 U	-	-	-
Trichloroethene	MW 42	12/3/2009	0.25 U	-	-	-
Trichloroethene	MW 42	10/25/2010	0.125 U	-	-	-
Trichloroethene	MW 42	4/19/2011	0.17 U	-	-	-
Trichloroethene	MW 42	10/4/2011	0.2 U	-	-	-
Trichloroethene	MW 42	5/14/2012	0.25 U	-	-	-
Trichloroethene	MW 42	10/10/2012	0.17 U	-	-	-
Trichloroethene	MW 42	4/9/2013	0.2 U	-	-	-
Trichloroethene	MW 42	10/25/2013	0.2 U	-	-	-
Trichloroethene	MW 42	4/14/2014	0.17 U	-	-	-
Trichloroethene	MW 42	10/23/2014	0.2 U	-	-	-
Trichloroethene	MW 42	4/29/2015	0.2 U	-	-	-
Trichloroethene	MW 42	10/12/2015	0.17 U	-	-	-
Trichloroethene	MW 42	4/19/2016	0.17 U	-	-	-
Trichloroethene	MW 42	10/23/2016	0.2 U	-	-	-
Trichloroethene	MW 42	4/19/2017	0.035 J	-	-	-
Trichloroethene	MW 42	10/9/2017	0.1 U	-	-	-
Trichloroethene	MW 42	4/13/2018	0.2 U	-	-	-
Trichloroethene	MW 42	10/4/2018	0.2 U	-	-	-
Trichloroethene	MW 42	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 42	11/03/2020	0.0072	-	-	-
Trichloroethene	MW 42	04/26/2022	0.1 U	-	-	-
Trichloroethene	MW 46	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 46	10/15/2007	0.00013 J	-	-	-
Trichloroethene	MW 46	10/15/2007	0.00012 J	-	-	-
Trichloroethene	MW 46	6/25/2008	0.001 U	-	-	-
Trichloroethene	MW 46	12/15/2009	0.00018 J	-	-	-
Trichloroethene	MW 46	10/26/2010	0.005 U	-	-	-
Trichloroethene	MW 46	10/6/2011	0.001 U	-	-	-
Trichloroethene	MW 46	10/16/2012	0.001 U	-	-	-
Trichloroethene	MW 46	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 46	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 46	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 46	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 46	10/16/2017	0.001 U	-	-	-
Trichloroethene	MW 46	10/5/2018	0.00015 J	-	-	-
Trichloroethene	MW 46	10/08/2019	0.001 U	-	-	-
Trichloroethene	MW 46	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 46	05/03/2022	0.001 U	-	-	-
Trichloroethene	MW 49	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 49	10/15/2007	0.00042 J	-	-	-
Trichloroethene	MW 49	2/18/2008	0.0025 U	-	-	-
Trichloroethene	MW 49	6/25/2008	0.00041 J	-	-	-
Trichloroethene	MW 49	12/5/2008	0.00084 J	-	-	-
Trichloroethene	MW 49	4/29/2009	0.0013 J	-	-	-
Trichloroethene	MW 49	12/15/2009	0.0007 J	-	-	-
Trichloroethene	MW 49	10/26/2010	0.001 U	-	-	-
Trichloroethene	MW 49	4/18/2011	0.017 U	-	-	-
Trichloroethene	MW 49	10/6/2011	0.025 U	-	-	-
Trichloroethene	MW 49	5/16/2012	0.025 U	-	-	-
Trichloroethene	MW 49	10/16/2012	0.033 U	-	-	-
Trichloroethene	MW 49	4/12/2013	0.033 U	-	-	-
Trichloroethene	MW 49	10/24/2013	0.033 U	-	-	-
Trichloroethene	MW 49	4/15/2014	0.00085 J	-	-	-
Trichloroethene	MW 49	10/23/2014	0.033 U	-	-	-
Trichloroethene	MW 49	4/28/2015	0.033 U	-	-	-
Trichloroethene	MW 49	10/13/2015	0.04 U	-	-	-
Trichloroethene	MW 49	4/19/2016	0.033 U	-	-	-
Trichloroethene	MW 49	4/11/2018	0.05 U	-	-	-
Trichloroethene	MW 49	10/3/2018	0.047	-	-	-
Trichloroethene	MW 49	04/25/2019	0.029 J	-	-	-
Trichloroethene	MW 49	10/08/2019	0.05 U	-	-	-
Trichloroethene	MW 49	10/08/2019	0.05 U	-	-	-

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Trichloroethene	MW 49	11/03/2020	0.021 J	-	-	-
Trichloroethene	MW 49	05/02/2022	0.088	-	-	-
Trichloroethene	MW 51	4/29/2009	0.19	-	-	-
Trichloroethene	MW 51	12/14/2009	0.3	-	-	-
Trichloroethene	MW 51	10/27/2010	0.24 J	-	-	-
Trichloroethene	MW 51	4/20/2011	0.18	-	-	-
Trichloroethene	MW 51	10/5/2011	0.21	-	-	-
Trichloroethene	MW 51	5/14/2012	0.18	-	-	-
Trichloroethene	MW 51	10/12/2012	0.2	-	-	-
Trichloroethene	MW 51	4/9/2013	0.21	-	-	-
Trichloroethene	MW 51	10/23/2013	0.19	-	-	-
Trichloroethene	MW 51	4/16/2014	0.16	-	-	-
Trichloroethene	MW 51	10/21/2014	0.18	-	-	-
Trichloroethene	MW 51	4/28/2015	0.14	-	-	-
Trichloroethene	MW 51	4/28/2015	0.16	-	-	-
Trichloroethene	MW 51	10/9/2015	0.16	-	-	-
Trichloroethene	MW 51	4/20/2016	0.15	-	-	-
Trichloroethene	MW 51	10/23/2016	0.14	-	-	-
Trichloroethene	MW 51	4/18/2017	0.14	-	-	-
Trichloroethene	MW 51	10/16/2017	0.15	-	-	-
Trichloroethene	MW 51	4/10/2018	0.087	-	-	-
Trichloroethene	MW 51	4/10/2018	0.097	-	-	-
Trichloroethene	MW 51	10/4/2018	0.064	-	-	-
Trichloroethene	MW 51	04/25/2019	0.046	-	-	-
Trichloroethene	MW 51	04/25/2019	0.052	-	-	-
Trichloroethene	MW 56	1/11/2005	0.001 U	-	-	-
Trichloroethene	MW 56	10/19/2005	0.001 U	-	-	-
Trichloroethene	MW 56	10/18/2006	0.00067 J	-	-	-
Trichloroethene	MW 56	10/18/2007	0.001 U	-	-	-
Trichloroethene	MW 56	6/26/2008	0.001 U	-	-	-
Trichloroethene	MW 56	12/17/2009	0.001 U	-	-	-
Trichloroethene	MW 56	10/28/2010	0.001 U	-	-	-
Trichloroethene	MW 56	10/6/2011	0.001 U	-	-	-
Trichloroethene	MW 56	10/16/2012	0.001 U	-	-	-
Trichloroethene	MW 56	10/29/2013	0.001 U	-	-	-
Trichloroethene	MW 56	10/29/2014	0.001 U	-	-	-
Trichloroethene	MW 56	10/29/2014	0.001 U	-	-	-
Trichloroethene	MW 56	10/19/2015	0.001 U	-	-	-
Trichloroethene	MW 56	10/24/2016	0.001 U	-	-	-
Trichloroethene	MW 56	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW 56	10/5/2018	0.001 U	-	-	-
Trichloroethene	MW 56	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 56	05/05/2022	0.001 U	-	-	-
Trichloroethene	MW 57	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 57	10/18/2005	0.001 U	-	-	-
Trichloroethene	MW 57	2/1/2006	0.00026 J	-	-	-
Trichloroethene	MW 57	4/18/2006	0.001 U	-	-	-
Trichloroethene	MW 57	7/18/2006	0.001 U	-	-	-
Trichloroethene	MW 57	10/18/2006	0.00011 J	-	-	-
Trichloroethene	MW 57	1/24/2007	0.001 UJ	-	-	-
Trichloroethene	MW 57	4/18/2007	0.001 U	-	-	-
Trichloroethene	MW 57	7/11/2007	0.001 U	-	-	-
Trichloroethene	MW 57	10/15/2007	0.001 U	-	-	-
Trichloroethene	MW 57	6/25/2008	0.001 U	-	-	-
Trichloroethene	MW 57	12/15/2009	0.001 U	-	-	-
Trichloroethene	MW 57	10/26/2010	0.001 U	-	-	-
Trichloroethene	MW 57	10/26/2010	0.001 U	-	-	-
Trichloroethene	MW 57	10/6/2011	0.001 U	-	-	-
Trichloroethene	MW 57	10/16/2012	0.001 U	-	-	-
Trichloroethene	MW 57	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 57	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 57	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 57	10/22/2016	0.002 U	-	-	-
Trichloroethene	MW 57	10/18/2017	0.0033 U	-	-	-
Trichloroethene	MW 57	10/8/2018	0.001 U	-	-	-
Trichloroethene	MW 57	11/03/2020	0.05 U	-	-	-
Trichloroethene	MW 57	05/05/2022	0.04 U	-	-	-
Trichloroethene	MW 58	1/18/2005	0.001 U	-	-	-
Trichloroethene	MW 58	10/18/2005	0.001 U	-	-	-
Trichloroethene	MW 58	10/18/2006	0.0059	-	-	-
Trichloroethene	MW 58	10/15/2007	0.00059 J	-	-	-
Trichloroethene	MW 58	2/18/2008	0.001 U	-	-	-
Trichloroethene	MW 58	6/25/2008	0.001 U	-	-	-
Trichloroethene	MW 58	12/15/2009	0.0031 U	-	-	-
Trichloroethene	MW 58	10/26/2010	0.001 U	-	-	-
Trichloroethene	MW 58	10/6/2011	0.008 U	-	-	-
Trichloroethene	MW 58	10/16/2012	0.0057 U	-	-	-
Trichloroethene	MW 58	10/16/2012	0.005 U	-	-	-
Trichloroethene	MW 58	10/24/2013	0.002 U	-	-	-
Trichloroethene	MW 58	10/23/2014	0.0033 U	-	-	-
Trichloroethene	MW 58	10/20/2015	0.0057 U	-	-	-
Trichloroethene	MW 58	10/20/2015	0.005 U	-	-	-
Trichloroethene	MW 58	10/25/2016	0.05 U	-	-	-
Trichloroethene	MW 58	10/17/2017	0.05 U	-	-	-
Trichloroethene	MW 58	10/8/2018	0.2 U	-	-	-
Trichloroethene	MW 58	11/03/2020	0.14 U	-	-	-
Trichloroethene	MW 58	11/03/2020	0.14 U	-	-	-
Trichloroethene	MW 58	05/04/2022	0.05 U	-	-	-
Trichloroethene	MW 61	1/11/2005	0.001 U	-	-	-
Trichloroethene	MW 61	6/24/2008	0.001 U	-	-	-
Trichloroethene	MW 61	12/3/2009	0.001 U	-	-	-
Trichloroethene	MW 61	10/26/2010	0.005 U	-	-	-
Trichloroethene	MW 61	10/26/2010	0.005 U	-	-	-
Trichloroethene	MW 61	10/3/2011	0.001 U	-	-	-
Trichloroethene	MW 61	10/10/2012	0.001 U	-	-	-
Trichloroethene	MW 61	10/23/2013	0.001 U	-	-	-
Trichloroethene	MW 61	10/21/2014	0.001 U	-	-	-
Trichloroethene	MW 61	10/9/2015	0.001 U	-	-	-
Trichloroethene	MW 61	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 61	10/9/2017	0.001 U	-	-	-
Trichloroethene	MW 61	10/4/2018	0.001 U	-	-	-

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Trichloroethene	MW 61	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 61	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 61	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 64	1/11/2005	0.001 U	-	-	-
Trichloroethene	MW 64	10/19/2005	0.0002 J	-	-	-
Trichloroethene	MW 64	10/18/2006	0.00011 J	-	-	-
Trichloroethene	MW 64	10/19/2007	0.00014 J	-	-	-
Trichloroethene	MW 64	2/18/2008	0.037	-	-	-
Trichloroethene	MW 64	2/18/2008	0.063	-	-	-
Trichloroethene	MW 64	6/26/2008	0.001 U	-	-	-
Trichloroethene	MW 64	12/8/2009	0.00011 J	-	-	-
Trichloroethene	MW 64	12/8/2009	0.00014 J	-	-	-
Trichloroethene	MW 64	10/25/2010	0.005 U	-	-	-
Trichloroethene	MW 64	10/3/2011	0.001 U	-	-	-
Trichloroethene	MW 64	10/11/2012	0.001 U	-	-	-
Trichloroethene	MW 64	10/11/2012	0.001 U	-	-	-
Trichloroethene	MW 64	10/22/2013	0.0017 U	-	-	-
Trichloroethene	MW 64	10/28/2014	0.0067 U	-	-	-
Trichloroethene	MW 64	10/13/2015	0.01 U	-	-	-
Trichloroethene	MW 64	10/20/2016	0.0025 U	-	-	-
Trichloroethene	MW 64	10/10/2017	0.0067 U	-	-	-
Trichloroethene	MW 64	10/3/2018	0.01 U	-	-	-
Trichloroethene	MW 64	10/3/2018	0.01 U	-	-	-
Trichloroethene	MW 64	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 64	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 64	04/25/2022	0.001 U	-	-	-
Trichloroethene	MW 65	1/10/2005	0.005 U	-	-	-
Trichloroethene	MW 65	10/18/2007	0.001 U	-	-	-
Trichloroethene	MW 65	2/15/2008	0.17 U	-	-	-
Trichloroethene	MW 65	6/27/2008	0.031 U	-	-	-
Trichloroethene	MW 65	12/4/2008	0.13 U	-	-	-
Trichloroethene	MW 65	4/28/2009	0.05 U	-	-	-
Trichloroethene	MW 65	12/4/2009	0.05 U	-	-	-
Trichloroethene	MW 65	10/25/2010	0.125 U	-	-	-
Trichloroethene	MW 65	10/3/2011	0.04 U	-	-	-
Trichloroethene	MW 65	10/11/2012	0.014 U	-	-	-
Trichloroethene	MW 65	10/22/2013	0.0057 U	-	-	-
Trichloroethene	MW 65	10/22/2014	0.002 U	-	-	-
Trichloroethene	MW 65	10/22/2014	0.0017 U	-	-	-
Trichloroethene	MW 65	10/8/2015	0.002 U	-	-	-
Trichloroethene	MW 65	10/19/2016	0.001 U	-	-	-
Trichloroethene	MW 65	10/6/2017	0.001 U	-	-	-
Trichloroethene	MW 65	10/4/2018	0.00027 J	-	-	-
Trichloroethene	MW 65	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 65	04/25/2022	0.001 U	-	-	-
Trichloroethene	MW 66	1/11/2005	0.001 U	-	-	-
Trichloroethene	MW 66	1/11/2005	0.001 U	-	-	-
Trichloroethene	MW 66	10/18/2005	0.001 U	-	-	-
Trichloroethene	MW 66	10/18/2006	0.001 U	-	-	-
Trichloroethene	MW 66	10/19/2007	0.001 U	-	-	-
Trichloroethene	MW 66	10/19/2007	0.001 U	-	-	-
Trichloroethene	MW 66	2/18/2008	0.00034 J	-	-	-
Trichloroethene	MW 66	6/26/2008	0.001 U	-	-	-
Trichloroethene	MW 66	12/4/2008	0.001 U	-	-	-
Trichloroethene	MW 66	4/28/2009	0.001 U	-	-	-
Trichloroethene	MW 66	4/28/2009	0.001 U	-	-	-
Trichloroethene	MW 66	12/8/2009	0.001 U	-	-	-
Trichloroethene	MW 66	10/25/2010	0.005 U	-	-	-
Trichloroethene	MW 66	4/19/2011	0.01 U	-	-	-
Trichloroethene	MW 66	4/19/2011	0.01 U	-	-	-
Trichloroethene	MW 66	10/3/2011	0.017 U	-	-	-
Trichloroethene	MW 66	5/14/2012	0.0083 U	-	-	-
Trichloroethene	MW 66	10/11/2012	0.013 U	-	-	-
Trichloroethene	MW 66	4/10/2013	0.017 U	-	-	-
Trichloroethene	MW 66	10/22/2013	0.025 U	-	-	-
Trichloroethene	MW 66	4/11/2014	0.011 U	-	-	-
Trichloroethene	MW 66	10/27/2014	0.02 U	-	-	-
Trichloroethene	MW 66	4/27/2015	0.025 U	-	-	-
Trichloroethene	MW 66	10/13/2015	0.04 U	-	-	-
Trichloroethene	MW 66	4/20/2016	0.05 U	-	-	-
Trichloroethene	MW 66	10/20/2016	0.1 U	-	-	-
Trichloroethene	MW 66	4/19/2017	0.063 U	-	-	-
Trichloroethene	MW 66	10/10/2017	0.067 U	-	-	-
Trichloroethene	MW 66	4/11/2018	0.2 U	-	-	-
Trichloroethene	MW 66	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 66	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 66	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 66	04/25/2022	0.1 U	-	-	-
Trichloroethene	MW 68	1/18/2005	0.1	-	-	-
Trichloroethene	MW 68	10/19/2005	0.35 J	-	-	-
Trichloroethene	MW 68	10/19/2005	0.32 J	-	-	-
Trichloroethene	MW 68	1/31/2006	0.43 J	-	-	-
Trichloroethene	MW 68	4/18/2006	0.5 U	-	high DL	-
Trichloroethene	MW 68	7/19/2006	0.4 J	-	-	-
Trichloroethene	MW 68	10/19/2006	1.1 J	-	-	-
Trichloroethene	MW 68	1/23/2007	0.63 J	-	-	-
Trichloroethene	MW 68	4/18/2007	0.41 J	-	-	-
Trichloroethene	MW 68	7/9/2007	2.4	-	-	-
Trichloroethene	MW 68	10/16/2007	0.49 J	-	-	-
Trichloroethene	MW 68	2/19/2008	0.57	-	-	-
Trichloroethene	MW 68	6/27/2008	2.6	-	-	-
Trichloroethene	MW 68	12/5/2008	1.1	-	-	-
Trichloroethene	MW 68	4/29/2009	1.4	-	-	-
Trichloroethene	MW 68	12/16/2009	2.3	-	-	-
Trichloroethene	MW 68	12/16/2009	2.4	-	-	-
Trichloroethene	MW 68	10/26/2010	1.94	-	-	-
Trichloroethene	MW 68	4/18/2011	2.4	-	-	-
Trichloroethene	MW 68	10/4/2011	1.9	-	-	-
Trichloroethene	MW 68	10/4/2011	1.9	-	-	-
Trichloroethene	MW 68	5/14/2012	1.8	-	-	-
Trichloroethene	MW 68	10/12/2012	1.9	-	-	-

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Trichloroethene	MW 68	4/10/2013	2.1	-	-	-
Trichloroethene	MW 68	4/10/2013	1.9	-	-	-
Trichloroethene	MW 68	10/23/2013	2	-	-	-
Trichloroethene	MW 68	11/14/2013	1.9	-	-	-
Trichloroethene	MW 68	11/14/2013	1.9	-	-	-
Trichloroethene	MW 68	4/10/2014	1.8	-	-	-
Trichloroethene	MW 68	10/23/2014	1.5	-	-	-
Trichloroethene	MW 68	4/28/2015	1.5	-	-	-
Trichloroethene	MW 68	4/28/2015	1.5	-	-	-
Trichloroethene	MW 68	10/13/2015	1.4	-	-	-
Trichloroethene	MW 68	10/13/2015	1.3	-	-	-
Trichloroethene	MW 68	4/19/2016	1	-	-	-
Trichloroethene	MW 68	10/20/2016	1.7	-	-	-
Trichloroethene	MW 68	4/17/2017	1.5	-	-	-
Trichloroethene	MW 68	10/11/2017	1.6	-	-	-
Trichloroethene	MW 68	4/11/2018	1.7	-	-	-
Trichloroethene	MW 68	10/2/2018	1.4	-	-	-
Trichloroethene	MW 68	04/25/2019	1.4	-	-	-
Trichloroethene	MW 68	11/03/2020	1.1	-	-	-
Trichloroethene	MW 68	11/03/2020	1.2	-	-	-
Trichloroethene	MW 68	04/29/2022	0.97	-	-	-
Trichloroethene	MW 75	1/14/2005	0.001 U	-	-	-
Trichloroethene	MW 75	10/19/2005	0.001 U	-	-	-
Trichloroethene	MW 75	10/19/2006	0.001 UJ	-	-	-
Trichloroethene	MW 75	10/16/2007	0.001 U	-	-	-
Trichloroethene	MW 75	6/30/2008	0.001 U	-	-	-
Trichloroethene	MW 75	10/27/2010	0.001 U	-	-	-
Trichloroethene	MW 75	10/5/2011	0.001 U	-	-	-
Trichloroethene	MW 75	10/12/2012	0.001 U	-	-	-
Trichloroethene	MW 75	10/23/2013	0.001 U	-	-	-
Trichloroethene	MW 75	10/21/2014	0.001 U	-	-	-
Trichloroethene	MW 75	10/23/2016	0.001 U	-	-	-
Trichloroethene	MW 75	10/16/2017	0.001 U	-	-	-
Trichloroethene	MW 75	10/2/2018	0.001 U	-	-	-
Trichloroethene	MW 75	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 75	05/03/2022	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	1/14/2005	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/20/2005	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/19/2006	0.001 UJ	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/16/2007	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/27/2010	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/12/2012	0.00021 J	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/23/2013	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/23/2013	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/21/2014	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/2/2018	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 79	1/13/2005	0.12	-	-	-
Trichloroethene	MW 79	10/15/2007	0.05 U	-	-	-
Trichloroethene	MW 79	12/5/2008	0.071 U	-	-	-
Trichloroethene	MW 79	4/29/2009	0.05 U	-	-	-
Trichloroethene	MW 79	12/14/2009	0.05 U	-	-	-
Trichloroethene	MW 79	10/27/2010	0.001 U	-	-	-
Trichloroethene	MW 79	4/20/2011	0.04 U	-	-	-
Trichloroethene	MW 79	10/4/2011	0.067 U	-	-	-
Trichloroethene	MW 79	5/15/2012	0.05 U	-	-	-
Trichloroethene	MW 79	10/15/2012	0.071 U	-	-	-
Trichloroethene	MW 79	10/15/2012	0.071 U	-	-	-
Trichloroethene	MW 79	4/9/2013	0.083 U	-	-	-
Trichloroethene	MW 79	10/28/2013	0.05 U	-	-	-
Trichloroethene	MW 79	4/15/2014	0.1 U	-	-	-
Trichloroethene	MW 79	10/28/2014	0.1 U	-	-	-
Trichloroethene	MW 79	10/28/2014	0.1 U	-	-	-
Trichloroethene	MW 79	4/29/2015	0.1 U	-	-	-
Trichloroethene	MW 79	10/13/2015	0.083 U	-	-	-
Trichloroethene	MW 79	4/19/2016	0.1 U	-	-	-
Trichloroethene	MW 79	10/21/2016	0.1 U	-	-	-
Trichloroethene	MW 79	4/17/2017	0.063 U	-	-	-
Trichloroethene	MW 79	4/17/2017	0.13 U	-	-	-
Trichloroethene	MW 79	10/11/2017	0.05 U	-	-	-
Trichloroethene	MW 79	4/10/2018	0.1 U	-	-	-
Trichloroethene	MW 79	10/2/2018	0.1 U	-	-	-
Trichloroethene	MW 79	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 79	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 79	04/29/2022	0.1 U	-	-	-
Trichloroethene	MW 80	3/9/2005	0.001 U	-	-	-
Trichloroethene	MW 80	3/9/2005	0.001 U	-	-	-
Trichloroethene	MW 80	10/18/2005	0.0083 U	-	-	-
Trichloroethene	MW 80	10/18/2006	0.00021 J	-	-	-
Trichloroethene	MW 80	10/17/2007	0.001 U	-	-	-
Trichloroethene	MW 80	6/27/2008	0.005 U	-	-	-
Trichloroethene	MW 80	6/27/2008	0.005 U	-	-	-
Trichloroethene	MW 80	12/8/2009	0.001 U	-	-	-
Trichloroethene	MW 80	10/25/2010	0.005 U	-	-	-
Trichloroethene	MW 80	10/3/2011	0.001 U	-	-	-
Trichloroethene	MW 80	10/11/2012	0.001 U	-	-	-
Trichloroethene	MW 80	10/22/2013	0.0017 U	-	-	-
Trichloroethene	MW 80	10/24/2014	0.001 U	-	-	-
Trichloroethene	MW 80	10/8/2015	0.0017 U	-	-	-
Trichloroethene	MW 80	10/22/2016	0.0018 U	-	-	-
Trichloroethene	MW 80	10/6/2017	0.002 U	-	-	-
Trichloroethene	MW 80	10/2/2018	0.002 U	-	-	-
Trichloroethene	MW 80	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 80	04/25/2022	0.004 U / 0.004 U	-	-	-
Trichloroethene	MW 81	3/9/2005	0.001 U	-	-	-
Trichloroethene	MW 81	3/30/2005	0.001 UJ	-	-	-
Trichloroethene	MW 81	10/19/2005	0.001 U	-	-	-
Trichloroethene	MW 81	10/18/2006	0.001 U	-	-	-

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Trichloroethene	MW 81	10/18/2006	0.001 U	-	-	-
Trichloroethene	MW 81	10/18/2007	0.001 U	-	-	-
Trichloroethene	MW 81	2/15/2008	0.001 U	-	-	-
Trichloroethene	MW 81	6/26/2008	0.001 U	-	-	-
Trichloroethene	MW 81	12/4/2009	0.001 U	-	-	-
Trichloroethene	MW 81	10/25/2010	0.005 U	-	-	-
Trichloroethene	MW 81	10/3/2011	0.002 U	-	-	-
Trichloroethene	MW 81	10/11/2012	0.002 U	-	-	-
Trichloroethene	MW 81	10/22/2013	0.005 U	-	-	-
Trichloroethene	MW 81	10/22/2014	0.0067 U	-	-	-
Trichloroethene	MW 81	10/8/2015	0.008 U	-	-	-
Trichloroethene	MW 81	10/22/2016	0.005 U	-	-	-
Trichloroethene	MW 81	10/6/2017	0.0033 U	-	-	-
Trichloroethene	MW 81	10/9/2018	0.004 U	-	-	-
Trichloroethene	MW 81	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 81	04/25/2022	0.001 U	-	-	-
Trichloroethene	MW 82	3/9/2005	0.001 U	-	-	-
Trichloroethene	MW 82	10/20/2005	0.001 U	-	-	-
Trichloroethene	MW 82	10/19/2006	0.001 UJ	-	-	-
Trichloroethene	MW 82	10/16/2007	0.001 U	-	-	-
Trichloroethene	MW 82	6/27/2008	0.001 U	-	-	-
Trichloroethene	MW 82	12/15/2009	0.001 U	-	-	-
Trichloroethene	MW 82	10/27/2010	0.001 U	-	-	-
Trichloroethene	MW 82	10/4/2011	0.001 U	-	-	-
Trichloroethene	MW 82	10/23/2013	0.00066 J	-	-	-
Trichloroethene	MW 82	10/24/2014	0.001 U	-	-	-
Trichloroethene	MW 82	10/12/2015	0.001 U	-	-	-
Trichloroethene	MW 82	10/23/2016	0.001 U	-	-	-
Trichloroethene	MW 82	10/12/2017	0.00097 J	-	-	-
Trichloroethene	MW 82	10/12/2017	0.00096 J	-	-	-
Trichloroethene	MW 82	10/10/2018	0.00012 J	-	-	-
Trichloroethene	MW 82	10/10/2018	0.00014 J	-	-	-
Trichloroethene	MW 82	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 82	04/28/2022	0.001 U	-	-	-
Trichloroethene	MW 83	3/9/2005	0.001 U	-	-	-
Trichloroethene	MW 83	10/18/2005	0.001 U	-	-	-
Trichloroethene	MW 83	10/18/2006	0.001 UJ	-	-	-
Trichloroethene	MW 83	10/18/2007	0.001 U	-	-	-
Trichloroethene	MW 83	6/27/2008	0.001 U	-	-	-
Trichloroethene	MW 83	12/8/2009	0.001 U	-	-	-
Trichloroethene	MW 83	10/26/2010	0.005 U	-	-	-
Trichloroethene	MW 83	10/4/2011	0.001 U	-	-	-
Trichloroethene	MW 83	10/10/2012	0.001 U	-	-	-
Trichloroethene	MW 83	10/24/2013	0.00023 J	-	-	-
Trichloroethene	MW 83	10/22/2014	0.001 U	-	-	-
Trichloroethene	MW 83	10/9/2015	0.001 U	-	-	-
Trichloroethene	MW 83	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 83	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 83	10/11/2017	0.00045 J	-	-	-
Trichloroethene	MW 83	10/10/2018	0.017 U	-	-	-
Trichloroethene	MW 83	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 83	05/02/2022	0.001 U	-	-	-
Trichloroethene	MW 84	10/20/2005	0.001 U	-	-	-
Trichloroethene	MW 84	4/10/2013	0.001 U	-	-	-
Trichloroethene	MW 84	11/14/2013	0.001 U	-	-	-
Trichloroethene	MW 84	4/10/2014	0.001 U	-	-	-
Trichloroethene	MW 84	10/12/2015	0.001 U	-	-	-
Trichloroethene	MW 84	10/24/2016	0.001 U	-	-	-
Trichloroethene	MW 84	10/13/2017	0.001 U	-	-	-
Trichloroethene	MW 84	10/4/2018	0.001 U	-	-	-
Trichloroethene	MW 84	10/08/2019	0.001 U	-	-	-
Trichloroethene	MW 84	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 84	04/28/2022	0.001 U	-	-	-
Trichloroethene	MW 85	2/19/2008	0.0032 J	-	-	-
Trichloroethene	MW 85	6/25/2008	0.001 U	-	-	-
Trichloroethene	MW 85	12/4/2008	0.031 U	-	-	-
Trichloroethene	MW 85	4/30/2009	0.025 U	-	-	-
Trichloroethene	MW 85	12/17/2009	0.017 U	-	-	-
Trichloroethene	MW 85	10/28/2010	0.001 U	-	-	-
Trichloroethene	MW 85	4/20/2011	0.02 U	-	-	-
Trichloroethene	MW 85	10/6/2011	0.029 U	-	-	-
Trichloroethene	MW 85	5/16/2012	0.025 U	-	-	-
Trichloroethene	MW 85	10/16/2012	0.17 U	-	-	-
Trichloroethene	MW 85	4/12/2013	0.067 U	-	-	-
Trichloroethene	MW 85	10/29/2013	0.067 U	-	-	-
Trichloroethene	MW 85	4/16/2014	0.25 U	-	-	-
Trichloroethene	MW 85	10/29/2014	0.25 U	-	-	-
Trichloroethene	MW 85	4/27/2015	0.5 U	-	-	-
Trichloroethene	MW 85	10/19/2015	0.33 U	-	-	-
Trichloroethene	MW 85	4/22/2016	0.5 U	-	-	-
Trichloroethene	MW 85	4/22/2016	0.5 U	-	-	-
Trichloroethene	MW 85	10/24/2016	0.56 U	-	-	-
Trichloroethene	MW 85	4/18/2017	0.33 U	-	-	-
Trichloroethene	MW 85	10/17/2017	0.2 U	-	-	-
Trichloroethene	MW 85	4/12/2018	0.5 U	-	-	-
Trichloroethene	MW 85	10/8/2018	0.5 U	-	-	-
Trichloroethene	MW 85	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 85	11/03/2020	0.33 U	-	-	-
Trichloroethene	MW 85	05/05/2022	0.1 U	-	-	-
Trichloroethene	MW 86	10/28/2010	0.005 U	-	-	-
Trichloroethene	MW 86	10/28/2010	0.001 U	-	-	-
Trichloroethene	MW 86	10/4/2011	0.001 U	-	-	-
Trichloroethene	MW 86	10/11/2012	0.001 U	-	-	-
Trichloroethene	MW 86	10/22/2013	0.001 U	-	-	-
Trichloroethene	MW 86	10/22/2014	0.001 U	-	-	-
Trichloroethene	MW 86	10/8/2015	0.001 U	-	-	-
Trichloroethene	MW 86	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 86	10/13/2017	0.001 U	-	-	-
Trichloroethene	MW 86	10/4/2018	0.001 U	-	-	-
Trichloroethene	MW 86	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 86	04/27/2022	0.001 U	-	-	-

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Trichloroethene	MW 88	10/29/2010	0.005 U	-	-	-
Trichloroethene	MW 88	10/3/2011	0.001 U	-	-	-
Trichloroethene	MW 88	10/11/2012	0.001 U	-	-	-
Trichloroethene	MW 88	10/22/2013	0.001 U	-	-	-
Trichloroethene	MW 88	10/22/2014	0.001 U	-	-	-
Trichloroethene	MW 88	10/8/2015	0.001 U	-	-	-
Trichloroethene	MW 88	10/8/2015	0.001 U	-	-	-
Trichloroethene	MW 88	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 88	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 88	10/13/2017	0.001 U	-	-	-
Trichloroethene	MW 88	10/4/2018	0.001 U	-	-	-
Trichloroethene	MW 88	10/4/2018	0.001 U	-	-	-
Trichloroethene	MW 88	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 88	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 89-11	12/8/2011	0.001 U	-	-	-
Trichloroethene	MW 89-11	12/8/2011	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/17/2012	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/12/2013	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/12/2013	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/28/2013	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/16/2014	0.00032 J	-	-	-
Trichloroethene	MW 89-11	10/28/2014	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/28/2015	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/15/2015	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/20/2016	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/20/2016	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/25/2016	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/25/2016	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/19/2017	0.00036 J	-	-	-
Trichloroethene	MW 89-11	10/17/2017	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/11/2018	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/8/2018	0.001 U	-	-	-
Trichloroethene	MW 89-11	04/25/2019	0.001 U	-	-	-
Trichloroethene	MW 89-11	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 89-11	05/03/2022	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/25/2016	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/18/2017	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/9/2018	0.001 U	-	-	-
Trichloroethene	MW97R-16	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW97R-16	05/05/2022	0.001 U	-	-	-
Trichloroethene	Pond Intake	1/11/2005	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/19/2005	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/17/2005	0.001 U	-	-	-
Trichloroethene	Pond Intake	2/1/2006	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/17/2006	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/18/2006	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/17/2006	0.001 U	-	-	-
Trichloroethene	Pond Intake	1/22/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/16/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	5/9/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	6/18/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/10/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	8/15/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	9/27/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/17/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	11/9/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	12/4/2007	0.001 U	-	-	-
Trichloroethene	Pond Intake	2/18/2008	0.001 U	-	-	-
Trichloroethene	Pond Intake	6/25/2008	0.001 U	-	-	-
Trichloroethene	Pond Intake	9/23/2008	0.001 U	-	-	-
Trichloroethene	Pond Intake	12/4/2008	0.001 U	-	-	-
Trichloroethene	Pond Intake	3/4/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	3/4/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/30/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/30/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/30/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	12/17/2009	0.001 U	-	-	-
Trichloroethene	Pond Intake	8/4/2010	0.005 U	-	-	-
Trichloroethene	Pond Intake	10/28/2010	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/20/2011	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/28/2011	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/6/2011	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/6/2011	0.001 U	-	-	-
Trichloroethene	Pond Intake	5/16/2012	0.001 U	-	-	-
Trichloroethene	Pond Intake	8/2/2012	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/16/2012	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/12/2013	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/17/2013	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/29/2013	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/16/2014	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/17/2014	0.001 U	-	-	-
Trichloroethene	Pond Intake	7/17/2014	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/29/2014	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/27/2015	0.0013 U	-	-	-
Trichloroethene	Pond Intake	7/10/2015	0.0033 U	-	-	-
Trichloroethene	Pond Intake	7/10/2015	0.004 U	-	-	-
Trichloroethene	Pond Intake	10/20/2015	0.001 U	-	-	-
Trichloroethene	Pond Intake	4/22/2016	0.0025 U	-	-	-
Trichloroethene	Pond Intake	7/19/2016	0.0017 U	-	-	-
Trichloroethene	Pond Intake	10/24/2016	0.0018 U	-	-	-
Trichloroethene	Pond Intake	10/24/2016	0.002 U	-	-	-
Trichloroethene	Pond Intake	4/18/2017	0.0017 U	-	-	-
Trichloroethene	Pond Intake	7/12/2017	0.0073	-	-	-
Trichloroethene	Pond Intake	10/19/2017	0.002 U	-	-	-
Trichloroethene	Pond Intake	4/9/2018	0.005 U	-	-	-
Trichloroethene	Pond Intake	7/5/2018	0.0033 U	-	-	-
Trichloroethene	Pond Intake	7/5/2018	0.0033 U	-	-	-
Trichloroethene	Pond Intake	10/9/2018	0.005 U	-	-	-
Trichloroethene	Pond Intake	04/25/2019	0.001 J	-	-	-
Trichloroethene	Pond Intake	04/25/2019	0.0009 J	-	-	-
Trichloroethene	Pond Intake	10/08/2019	0.0017 U	-	-	-

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Trichloroethene	Pond Intake	11/03/2020	0.0025 U	-	-	-
Trichloroethene	Pond Intake	05/04/2022	0.001 U	-	-	-
Trichloroethene	Pond North	1/11/2005	0.001 U	-	-	-
Trichloroethene	Pond North	4/19/2005	0.001 U	-	-	-
Trichloroethene	Pond North	10/17/2005	0.001 U	-	-	-
Trichloroethene	Pond North	2/1/2006	0.001 U	-	-	-
Trichloroethene	Pond North	4/17/2006	0.001 U	-	-	-
Trichloroethene	Pond North	7/18/2006	0.001 U	-	-	-
Trichloroethene	Pond North	10/17/2006	0.001 U	-	-	-
Trichloroethene	Pond North	1/22/2007	0.0071 UJ	-	-	-
Trichloroethene	Pond North	4/16/2007	0.001 U	-	-	-
Trichloroethene	Pond North	5/9/2007	0.001 U	-	-	-
Trichloroethene	Pond North	6/18/2007	0.001 U	-	-	-
Trichloroethene	Pond North	7/10/2007	0.001 U	-	-	-
Trichloroethene	Pond North	8/15/2007	0.001 U	-	-	-
Trichloroethene	Pond North	9/27/2007	0.001 U	-	-	-
Trichloroethene	Pond North	10/17/2007	0.001 U	-	-	-
Trichloroethene	Pond North	11/9/2007	0.001 U	-	-	-
Trichloroethene	Pond North	12/4/2007	0.001 U	-	-	-
Trichloroethene	Pond North	2/18/2008	0.001 U	-	-	-
Trichloroethene	Pond North	6/25/2008	0.001 U	-	-	-
Trichloroethene	Pond North	9/23/2008	0.001 U	-	-	-
Trichloroethene	Pond North	9/23/2008	0.001 U	-	-	-
Trichloroethene	Pond North	12/4/2008	0.001 U	-	-	-
Trichloroethene	Pond North	3/4/2009	0.001 U	-	-	-
Trichloroethene	Pond North	4/30/2009	0.001 U	-	-	-
Trichloroethene	Pond North	7/30/2009	0.001 U	-	-	-
Trichloroethene	Pond North	12/17/2009	0.017 U	-	-	-
Trichloroethene	Pond North	8/4/2010	0.005 U	-	-	-
Trichloroethene	Pond North	8/4/2010	0.005 U	-	-	-
Trichloroethene	Pond North	10/28/2010	0.001 U	-	-	-
Trichloroethene	Pond North	4/20/2011	0.001 U	-	-	-
Trichloroethene	Pond North	7/28/2011	0.001 U	-	-	-
Trichloroethene	Pond North	7/28/2011	0.001 U	-	-	-
Trichloroethene	Pond North	10/6/2011	0.001 U	-	-	-
Trichloroethene	Pond North	5/16/2012	0.001 U	-	-	-
Trichloroethene	Pond North	5/16/2012	0.001 U	-	-	-
Trichloroethene	Pond North	8/2/2012	0.001 U	-	-	-
Trichloroethene	Pond North	8/2/2012	0.001 U	-	-	-
Trichloroethene	Pond North	10/16/2012	0.0029 U	-	-	-
Trichloroethene	Pond North	4/12/2013	0.001 U	-	-	-
Trichloroethene	Pond North	7/17/2013	0.001 U	-	-	-
Trichloroethene	Pond North	7/17/2013	0.001 U	-	-	-
Trichloroethene	Pond North	10/29/2013	0.001 U	-	-	-
Trichloroethene	Pond North	4/16/2014	0.0033 U	-	-	-
Trichloroethene	Pond North	7/17/2014	0.01 U	-	-	-
Trichloroethene	Pond North	10/29/2014	0.008 U	-	-	-
Trichloroethene	Pond North	4/27/2015	0.008 U	-	-	-
Trichloroethene	Pond North	7/10/2015	0.0033 U	-	-	-
Trichloroethene	Pond North	10/20/2015	0.0014 U	-	-	-
Trichloroethene	Pond North	4/22/2016	0.005 U	-	-	-
Trichloroethene	Pond North	7/19/2016	0.0025 U	-	-	-
Trichloroethene	Pond North	7/19/2016	0.0025 U	-	-	-
Trichloroethene	Pond North	10/24/2016	0.033 U	-	-	-
Trichloroethene	Pond North	4/18/2017	0.0067 U	-	-	-
Trichloroethene	Pond North	4/18/2017	0.0067 U	-	-	-
Trichloroethene	Pond North	7/12/2017	0.0071	-	-	-
Trichloroethene	Pond North	7/12/2017	0.0073	-	-	-
Trichloroethene	Pond North	10/19/2017	0.01 U	-	-	-
Trichloroethene	Pond North	4/9/2018	0.011 U	-	-	-
Trichloroethene	Pond North	4/9/2018	0.01 U	-	-	-
Trichloroethene	Pond North	7/5/2018	0.0063 U	-	-	-
Trichloroethene	Pond North	10/9/2018	0.0067 U	-	-	-
Trichloroethene	Pond North	10/9/2018	0.0067 U	-	-	-
Trichloroethene	Pond North	04/25/2019	0.0011 J	-	-	-
Trichloroethene	Pond North	10/08/2019	0.005 U	-	-	-
Trichloroethene	Pond North	10/08/2019	0.005 U	-	-	-
Trichloroethene	Pond North	05/05/2022	0.002 U / 0.002 U	-	-	-
cis-1,2-Dichloroethene	MW-2	5/9/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	7/10/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/17/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	6/25/2008	0.00015 J	-	-	-
cis-1,2-Dichloroethene	MW-2	12/17/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/28/2010	0.0021	-	-	-
cis-1,2-Dichloroethene	MW-2	10/6/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/16/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/29/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/19/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/24/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/17/2017	0.0014	-	-	-
cis-1,2-Dichloroethene	MW-2	10/8/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	05/05/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 3	2/1/2005	5.3	-	-	-
cis-1,2-Dichloroethene	MW 3	2/1/2005	5.3	-	-	-
cis-1,2-Dichloroethene	MW 3	10/18/2005	0.0042 U	-	-	-
cis-1,2-Dichloroethene	MW 3	1/31/2006	3	-	-	-
cis-1,2-Dichloroethene	MW 3	4/18/2006	4.1	-	-	-
cis-1,2-Dichloroethene	MW 3	4/18/2006	4.1	-	-	-
cis-1,2-Dichloroethene	MW 3	7/19/2006	4.5	-	-	-
cis-1,2-Dichloroethene	MW 3	7/19/2006	4.2	-	-	-
cis-1,2-Dichloroethene	MW 3	10/16/2006	2.5	-	-	-
cis-1,2-Dichloroethene	MW 3	1/24/2007	5.4	-	-	-
cis-1,2-Dichloroethene	MW 3	4/17/2007	3.4	-	-	-
cis-1,2-Dichloroethene	MW 3	4/17/2007	3.1	-	-	-
cis-1,2-Dichloroethene	MW 3	7/11/2007	4.4	-	-	-
cis-1,2-Dichloroethene	MW 3	10/16/2007	2.1	-	-	-
cis-1,2-Dichloroethene	MW 3	2/18/2008	7.7	-	-	-

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cis-1,2-Dichloroethene	MW 3	6/30/2008	6.6	-	-	-
cis-1,2-Dichloroethene	MW 3	6/30/2008	6.5	-	-	-
cis-1,2-Dichloroethene	MW 3	12/4/2008	2.8	-	-	-
cis-1,2-Dichloroethene	MW 3	4/30/2009	12	-	-	-
cis-1,2-Dichloroethene	MW 3	12/15/2009	2.3	-	-	-
cis-1,2-Dichloroethene	MW 3	12/15/2009	2.4	-	-	-
cis-1,2-Dichloroethene	MW 3	10/28/2010	1.24	-	-	-
cis-1,2-Dichloroethene	MW 3	10/28/2010	1.08	-	-	-
cis-1,2-Dichloroethene	MW 3	4/18/2011	8.9	-	-	-
cis-1,2-Dichloroethene	MW 3	10/5/2011	5.7	-	-	-
cis-1,2-Dichloroethene	MW 3	5/16/2012	8.9	-	-	-
cis-1,2-Dichloroethene	MW 3	10/15/2012	1.2	-	-	-
cis-1,2-Dichloroethene	MW 3	4/9/2013	6.2	-	-	-
cis-1,2-Dichloroethene	MW 3	10/24/2013	0.93	-	-	-
cis-1,2-Dichloroethene	MW 3	10/24/2013	1	-	-	-
cis-1,2-Dichloroethene	MW 3	4/15/2014	4.7	-	-	-
cis-1,2-Dichloroethene	MW 3	10/23/2014	1	-	-	-
cis-1,2-Dichloroethene	MW 3	4/28/2015	4.5	-	-	-
cis-1,2-Dichloroethene	MW 3	10/14/2015	1.4	-	-	-
cis-1,2-Dichloroethene	MW 3	4/20/2016	7.4	-	-	-
cis-1,2-Dichloroethene	MW 3	10/25/2016	1.9	-	-	-
cis-1,2-Dichloroethene	MW 3	4/18/2017	7.4	-	-	-
cis-1,2-Dichloroethene	MW 3	10/12/2017	1.6	-	-	-
cis-1,2-Dichloroethene	MW 3	4/11/2018	3.2	-	-	-
cis-1,2-Dichloroethene	MW 3	10/3/2018	4.8	-	-	-
cis-1,2-Dichloroethene	MW 3	04/25/2019	2.5	-	-	-
cis-1,2-Dichloroethene	MW 3	11/03/2020	0.63	-	-	-
cis-1,2-Dichloroethene	MW 3	04/28/2022	5.5 / 5.7	-	-	-
cis-1,2-Dichloroethene	MW-4	1/11/2005	6.1	-	-	-
cis-1,2-Dichloroethene	MW-4	10/19/2005	13	-	-	-
cis-1,2-Dichloroethene	MW-4	2/1/2006	8.6	-	-	-
cis-1,2-Dichloroethene	MW-4	4/18/2006	5.4	-	-	-
cis-1,2-Dichloroethene	MW-4	7/18/2006	8.1	-	-	-
cis-1,2-Dichloroethene	MW-4	10/17/2006	23	yes	-	-
cis-1,2-Dichloroethene	MW-4	1/24/2007	7.7	-	-	-
cis-1,2-Dichloroethene	MW-4	4/16/2007	11 J	-	-	-
cis-1,2-Dichloroethene	MW-4	7/10/2007	11	-	-	-
cis-1,2-Dichloroethene	MW-4	7/10/2007	13	-	-	-
cis-1,2-Dichloroethene	MW-4	10/17/2007	6.7	-	-	-
cis-1,2-Dichloroethene	MW-4	10/17/2007	7.7	-	-	-
cis-1,2-Dichloroethene	MW-4	2/18/2008	15	-	-	-
cis-1,2-Dichloroethene	MW-4	6/25/2008	11	-	-	-
cis-1,2-Dichloroethene	MW-4	6/25/2008	9.2	-	-	-
cis-1,2-Dichloroethene	MW-4	12/3/2008	18	-	-	-
cis-1,2-Dichloroethene	MW-4	4/30/2009	7.8	-	-	-
cis-1,2-Dichloroethene	MW-4	4/30/2009	7.5	-	-	-
cis-1,2-Dichloroethene	MW-4	12/16/2009	16	-	-	-
cis-1,2-Dichloroethene	MW-4	12/16/2009	16	-	-	-
cis-1,2-Dichloroethene	MW-4	10/28/2010	12.6	-	-	-
cis-1,2-Dichloroethene	MW-4	4/20/2011	8.8	-	-	-
cis-1,2-Dichloroethene	MW-4	4/20/2011	8.7	-	-	-
cis-1,2-Dichloroethene	MW-4	10/6/2011	11	-	-	-
cis-1,2-Dichloroethene	MW-4	5/16/2012	11	-	-	-
cis-1,2-Dichloroethene	MW-4	10/16/2012	14	-	-	-
cis-1,2-Dichloroethene	MW-4	4/12/2013	12	-	-	-
cis-1,2-Dichloroethene	MW-4	10/29/2013	14	-	-	-
cis-1,2-Dichloroethene	MW-4	4/16/2014	13	-	-	-
cis-1,2-Dichloroethene	MW-4	4/16/2014	13	-	-	-
cis-1,2-Dichloroethene	MW-4	10/29/2014	12	-	-	-
cis-1,2-Dichloroethene	MW-4	4/27/2015	10	-	-	-
cis-1,2-Dichloroethene	MW-4	10/19/2015	12	-	-	-
cis-1,2-Dichloroethene	MW-4	4/22/2016	9.4	-	-	-
cis-1,2-Dichloroethene	MW-4	10/24/2016	7.9	-	-	-
cis-1,2-Dichloroethene	MW-4	4/18/2017	8.6	-	-	-
cis-1,2-Dichloroethene	MW-4	10/17/2017	8.6	-	-	-
cis-1,2-Dichloroethene	MW-4	10/17/2017	8	-	-	-
cis-1,2-Dichloroethene	MW-4	4/12/2018	8.8	-	-	-
cis-1,2-Dichloroethene	MW-4	4/12/2018	8.3	-	-	-
cis-1,2-Dichloroethene	MW-4	10/8/2018	8.9	-	-	-
cis-1,2-Dichloroethene	MW-4	04/25/2019	6.8	-	-	-
cis-1,2-Dichloroethene	MW-4	11/03/2020	7.8	-	-	-
cis-1,2-Dichloroethene	MW-4	05/04/2022	5.9 / 5.6	-	-	-
cis-1,2-Dichloroethene	MW-7	10/29/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	10/18/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	10/18/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	10/9/2018	0.00018 J	-	-	-
cis-1,2-Dichloroethene	MW-7	10/9/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	05/04/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 8	2/2/2005	17	-	-	-
cis-1,2-Dichloroethene	MW 8	10/17/2005	5.8	-	-	-
cis-1,2-Dichloroethene	MW 8	10/17/2005	5.5	-	-	-
cis-1,2-Dichloroethene	MW 8	2/1/2006	12 J	-	-	-
cis-1,2-Dichloroethene	MW 8	4/17/2006	16	-	-	-
cis-1,2-Dichloroethene	MW 8	7/18/2006	4.6	-	-	-
cis-1,2-Dichloroethene	MW 8	10/16/2006	5.4	-	-	-
cis-1,2-Dichloroethene	MW 8	1/23/2007	10	-	-	-
cis-1,2-Dichloroethene	MW 8	4/16/2007	9.1	-	-	-
cis-1,2-Dichloroethene	MW 8	7/10/2007	7.5	-	-	-
cis-1,2-Dichloroethene	MW 8	10/15/2007	9.6	-	-	-
cis-1,2-Dichloroethene	MW 8	6/27/2008	22	-	-	-
cis-1,2-Dichloroethene	MW 8	12/15/2009	0.24	yes	-	-
cis-1,2-Dichloroethene	MW 8	10/27/2010	5.44	-	-	-
cis-1,2-Dichloroethene	MW 8	4/18/2011	8.5	-	-	-
cis-1,2-Dichloroethene	MW 8	10/5/2011	7.1	-	-	-
cis-1,2-Dichloroethene	MW 8	5/15/2012	5.1	-	-	-
cis-1,2-Dichloroethene	MW 8	5/15/2012	5.2	-	-	-
cis-1,2-Dichloroethene	MW 8	10/15/2012	3.8	-	-	-
cis-1,2-Dichloroethene	MW 8	4/9/2013	3.5	-	-	-
cis-1,2-Dichloroethene	MW 8	10/24/2013	4.2	-	-	-
cis-1,2-Dichloroethene	MW 8	4/15/2014	9.3	-	-	-

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cis-1,2-Dichloroethene	MW 8	10/23/2014	4.4	-	-	-
cis-1,2-Dichloroethene	MW 8	4/28/2015	3.8	-	-	-
cis-1,2-Dichloroethene	MW 8	10/14/2015	4.8	-	-	-
cis-1,2-Dichloroethene	MW 8	4/20/2016	4.9	-	-	-
cis-1,2-Dichloroethene	MW 8	4/20/2016	4.9	-	-	-
cis-1,2-Dichloroethene	MW 8	10/21/2016	4.3	-	-	-
cis-1,2-Dichloroethene	MW 8	4/18/2017	3.1	-	-	-
cis-1,2-Dichloroethene	MW 8	10/12/2017	4	-	-	-
cis-1,2-Dichloroethene	MW 8	4/10/2018	3.6	-	-	-
cis-1,2-Dichloroethene	MW 8	10/2/2018	2.2	-	-	-
cis-1,2-Dichloroethene	MW 8	04/25/2019	1.4	-	-	-
cis-1,2-Dichloroethene	MW 8	11/03/2020	2.2	-	-	-
cis-1,2-Dichloroethene	MW 8	04/29/2022	0.95	-	-	-
cis-1,2-Dichloroethene	MW 12	2/2/2005	1	-	-	-
cis-1,2-Dichloroethene	MW 12	10/19/2005	0.96	-	-	-
cis-1,2-Dichloroethene	MW 12	10/19/2005	1	-	-	-
cis-1,2-Dichloroethene	MW 12	1/31/2006	0.97	-	-	-
cis-1,2-Dichloroethene	MW 12	4/18/2006	0.51	-	-	-
cis-1,2-Dichloroethene	MW 12	7/18/2006	0.41	-	-	-
cis-1,2-Dichloroethene	MW 12	7/18/2006	0.45	-	-	-
cis-1,2-Dichloroethene	MW 12	10/19/2006	0.67	-	-	-
cis-1,2-Dichloroethene	MW 12	1/22/2007	0.51	-	-	-
cis-1,2-Dichloroethene	MW 12	4/18/2007	0.44	-	-	-
cis-1,2-Dichloroethene	MW 12	7/11/2007	0.61	-	-	-
cis-1,2-Dichloroethene	MW 12	10/19/2007	0.59	-	-	-
cis-1,2-Dichloroethene	MW 12	6/27/2008	0.46	-	-	-
cis-1,2-Dichloroethene	MW 12	12/5/2008	0.48	-	-	-
cis-1,2-Dichloroethene	MW 12	4/29/2009	0.49	-	-	-
cis-1,2-Dichloroethene	MW 12	12/9/2009	0.42	-	-	-
cis-1,2-Dichloroethene	MW 12	10/26/2010	0.324	-	-	-
cis-1,2-Dichloroethene	MW 12	4/20/2011	0.29	-	-	-
cis-1,2-Dichloroethene	MW 12	10/5/2011	0.24	-	-	-
cis-1,2-Dichloroethene	MW 12	5/15/2012	0.24	-	-	-
cis-1,2-Dichloroethene	MW 12	10/11/2012	0.2	-	-	-
cis-1,2-Dichloroethene	MW 12	4/9/2013	0.21	-	-	-
cis-1,2-Dichloroethene	MW 12	10/23/2013	0.24	-	-	-
cis-1,2-Dichloroethene	MW 12	4/11/2014	0.21	-	-	-
cis-1,2-Dichloroethene	MW 12	10/24/2014	0.15	-	-	-
cis-1,2-Dichloroethene	MW 12	10/24/2014	0.16	-	-	-
cis-1,2-Dichloroethene	MW 12	4/27/2015	0.13	-	-	-
cis-1,2-Dichloroethene	MW 12	10/9/2015	0.08	-	-	-
cis-1,2-Dichloroethene	MW 12	4/21/2016	0.13	-	-	-
cis-1,2-Dichloroethene	MW 12	10/25/2016	0.12	-	-	-
cis-1,2-Dichloroethene	MW 12	4/19/2017	0.11	-	-	-
cis-1,2-Dichloroethene	MW 12	10/6/2017	0.1	-	-	-
cis-1,2-Dichloroethene	MW 12	4/11/2018	0.1	-	-	-
cis-1,2-Dichloroethene	MW 12	10/4/2018	0.08	-	-	-
cis-1,2-Dichloroethene	MW 12	04/25/2019	0.09	-	-	-
cis-1,2-Dichloroethene	MW 12	11/03/2020	0.072	-	-	-
cis-1,2-Dichloroethene	MW 12	05/03/2022	0.056	-	-	-
cis-1,2-Dichloroethene	MW 14	2/2/2005	7.4	-	-	-
cis-1,2-Dichloroethene	MW 14	10/17/2005	7.4	-	-	-
cis-1,2-Dichloroethene	MW 14	2/1/2006	5.7	-	-	-
cis-1,2-Dichloroethene	MW 14	4/18/2006	4.7	-	-	-
cis-1,2-Dichloroethene	MW 14	7/19/2006	4.1	-	-	-
cis-1,2-Dichloroethene	MW 14	10/18/2006	4.3 J	-	-	-
cis-1,2-Dichloroethene	MW 14	1/24/2007	4.7	-	-	-
cis-1,2-Dichloroethene	MW 14	4/17/2007	5.8 J	-	-	-
cis-1,2-Dichloroethene	MW 14	7/9/2007	6.6	-	-	-
cis-1,2-Dichloroethene	MW 14	10/16/2007	7.7	-	-	-
cis-1,2-Dichloroethene	MW 14	6/30/2008	6	-	-	-
cis-1,2-Dichloroethene	MW 14	12/5/2008	6.1	-	-	-
cis-1,2-Dichloroethene	MW 14	4/29/2009	6.1	-	-	-
cis-1,2-Dichloroethene	MW 14	12/15/2009	0.33	yes	-	-
cis-1,2-Dichloroethene	MW 14	10/27/2010	5.22	-	-	-
cis-1,2-Dichloroethene	MW 14	4/18/2011	4.9	-	-	-
cis-1,2-Dichloroethene	MW 14	10/5/2011	4.7	-	-	-
cis-1,2-Dichloroethene	MW 14	5/15/2012	4.4	-	-	-
cis-1,2-Dichloroethene	MW 14	10/15/2012	4.9	-	-	-
cis-1,2-Dichloroethene	MW 14	4/9/2013	3.6	-	-	-
cis-1,2-Dichloroethene	MW 14	4/9/2013	3.9	-	-	-
cis-1,2-Dichloroethene	MW 14	10/25/2013	6.1	-	-	-
cis-1,2-Dichloroethene	MW 14	10/25/2013	5	-	-	-
cis-1,2-Dichloroethene	MW 14	4/15/2014	5.7	-	-	-
cis-1,2-Dichloroethene	MW 14	4/15/2014	5.5	-	-	-
cis-1,2-Dichloroethene	MW 14	10/24/2014	4.9	-	-	-
cis-1,2-Dichloroethene	MW 14	4/29/2015	4.5	-	-	-
cis-1,2-Dichloroethene	MW 14	4/29/2015	4.8	-	-	-
cis-1,2-Dichloroethene	MW 14	10/12/2015	4.7	-	-	-
cis-1,2-Dichloroethene	MW 14	4/19/2016	4.4	-	-	-
cis-1,2-Dichloroethene	MW 14	10/25/2016	4.4	-	-	-
cis-1,2-Dichloroethene	MW 14	4/18/2017	4.1	-	-	-
cis-1,2-Dichloroethene	MW 14	4/18/2017	3.9	-	-	-
cis-1,2-Dichloroethene	MW 14	10/13/2017	4.1	-	-	-
cis-1,2-Dichloroethene	MW 14	10/13/2017	4	-	-	-
cis-1,2-Dichloroethene	MW 14	4/10/2018	4	-	-	-
cis-1,2-Dichloroethene	MW 14	10/3/2018	4.1	-	-	-
cis-1,2-Dichloroethene	MW 14	04/25/2019	3.2	-	-	-
cis-1,2-Dichloroethene	MW 14	11/03/2020	3 B	-	-	-
cis-1,2-Dichloroethene	MW 14	04/27/2022	3.2 / 3.2	-	-	-
cis-1,2-Dichloroethene	MW 15	2/1/2005	29	-	-	-
cis-1,2-Dichloroethene	MW 15	10/18/2005	11	-	-	-
cis-1,2-Dichloroethene	MW 15	2/1/2006	20 J	-	-	-
cis-1,2-Dichloroethene	MW 15	4/18/2006	12	-	-	-
cis-1,2-Dichloroethene	MW 15	7/19/2006	9	-	-	-
cis-1,2-Dichloroethene	MW 15	10/17/2006	8.4	-	-	-
cis-1,2-Dichloroethene	MW 15	1/24/2007	24	-	-	-
cis-1,2-Dichloroethene	MW 15	4/17/2007	18	-	-	-
cis-1,2-Dichloroethene	MW 15	7/10/2007	15	-	-	-
cis-1,2-Dichloroethene	MW 15	7/10/2007	15	-	-	-
cis-1,2-Dichloroethene	MW 15	10/16/2007	12	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
cis-1,2-Dichloroethene	MW 15	2/14/2008	19	-	-	-
cis-1,2-Dichloroethene	MW 15	10/24/2013	12	-	-	-
cis-1,2-Dichloroethene	MW 15	10/23/2014	6.3	-	-	-
cis-1,2-Dichloroethene	MW 15	10/14/2015	4.4	-	-	-
cis-1,2-Dichloroethene	MW 15	10/21/2016	1.7	-	-	-
cis-1,2-Dichloroethene	MW 15	10/11/2017	3.5	-	-	-
cis-1,2-Dichloroethene	MW 15	10/2/2018	5.4	-	-	-
cis-1,2-Dichloroethene	MW 15	11/03/2020	1.9	-	-	-
cis-1,2-Dichloroethene	MW 15	04/28/2022	11	-	-	-
cis-1,2-Dichloroethene	MW 16	1/17/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 16	11/14/2013	0.00031 J	-	-	-
cis-1,2-Dichloroethene	MW 16	4/10/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/12/2015	0.00026 J	-	-	-
cis-1,2-Dichloroethene	MW 16	10/23/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/12/2017	0.0019	-	-	-
cis-1,2-Dichloroethene	MW 16	10/3/2018	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/08/2019	9.6	-	-	-
cis-1,2-Dichloroethene	MW 16	11/03/2020	5.6 B	-	-	-
cis-1,2-Dichloroethene	MW 16	04/28/2022	2.5	-	-	-
cis-1,2-Dichloroethene	MW 21	2/1/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/17/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	2/1/2006	0.00092 J	-	-	-
cis-1,2-Dichloroethene	MW 21	4/17/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	7/18/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/16/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	1/23/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	4/16/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	7/9/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/15/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/18/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/3/2018	0.00046 J	-	-	-
cis-1,2-Dichloroethene	MW 21	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	04/29/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/18/2005	0.0063 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/19/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/18/2007	0.0071 U	-	-	-
cis-1,2-Dichloroethene	MW 28	6/24/2008	0.0042 U	-	-	-
cis-1,2-Dichloroethene	MW 28	12/4/2008	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 28	4/29/2009	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 28	12/4/2009	0.0063 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/26/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 28	4/19/2011	0.002 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/3/2011	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 28	5/14/2012	0.0011 J	-	-	-
cis-1,2-Dichloroethene	MW 28	10/10/2012	0.018	-	-	-
cis-1,2-Dichloroethene	MW 28	4/10/2013	0.13	-	-	-
cis-1,2-Dichloroethene	MW 28	10/23/2013	0.31	-	-	-
cis-1,2-Dichloroethene	MW 28	4/15/2014	0.57	-	-	-
cis-1,2-Dichloroethene	MW 28	4/15/2014	0.56	-	-	-
cis-1,2-Dichloroethene	MW 28	10/27/2014	0.56	-	-	-
cis-1,2-Dichloroethene	MW 28	4/29/2015	0.6	-	-	-
cis-1,2-Dichloroethene	MW 28	10/12/2015	0.86	-	-	-
cis-1,2-Dichloroethene	MW 28	4/19/2016	0.77	-	-	-
cis-1,2-Dichloroethene	MW 28	10/22/2016	0.86	-	-	-
cis-1,2-Dichloroethene	MW 28	4/19/2017	0.85	-	-	-
cis-1,2-Dichloroethene	MW 28	10/9/2017	0.92	-	-	-
cis-1,2-Dichloroethene	MW 28	4/12/2018	0.97	-	-	-
cis-1,2-Dichloroethene	MW 28	10/4/2018	1	-	-	-
cis-1,2-Dichloroethene	MW 28	10/4/2018	1	-	-	-
cis-1,2-Dichloroethene	MW 28	04/25/2019	1	-	-	-
cis-1,2-Dichloroethene	MW 28	11/03/2020	1.3	-	-	-
cis-1,2-Dichloroethene	MW 28	04/26/2022	2.1	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/18/2005	45	yes	-	-
cis-1,2-Dichloroethene	MW 31R	1/31/2006	16	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/19/2006	8.7	-	-	-
cis-1,2-Dichloroethene	MW 31R	7/19/2006	12	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/17/2006	6.3 J	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/17/2006	6.8	-	-	-
cis-1,2-Dichloroethene	MW 31R	1/23/2007	7.3	-	-	-
cis-1,2-Dichloroethene	MW 31R	1/23/2007	7.8	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/17/2007	10	-	-	-
cis-1,2-Dichloroethene	MW 31R	7/11/2007	13	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/17/2007	12	-	-	-
cis-1,2-Dichloroethene	MW 31R	2/14/2008	15	-	-	-
cis-1,2-Dichloroethene	MW 31R	2/14/2008	16	-	-	-
cis-1,2-Dichloroethene	MW 31R	12/4/2008	14	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/29/2009	11	-	-	-
cis-1,2-Dichloroethene	MW 31R	12/15/2009	11	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/28/2010	6.44	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/18/2011	6.2	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/4/2011	5.1	-	-	-
cis-1,2-Dichloroethene	MW 31R	5/15/2012	8.8	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/15/2012	6.2	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/9/2013	8.3	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/24/2013	7.2	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/15/2014	12	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/27/2014	7.3	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/28/2015	11	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/14/2015	6.6	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/20/2016	15	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/21/2016	18	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/21/2016	18	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/19/2017	18	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/12/2017	69	yes	-	-
cis-1,2-Dichloroethene	MW 31R	4/10/2018	20	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/2/2018	33	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/2/2018	32	-	-	-
cis-1,2-Dichloroethene	MW 31R	04/25/2019	95	-	-	-
cis-1,2-Dichloroethene	MW 31R	11/03/2020	16	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
cis-1,2-Dichloroethene	MW 31R	04/28/2022	66	-	-	-
cis-1,2-Dichloroethene	MW 37	1/18/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	1/18/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/17/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	6/26/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	12/16/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/27/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/5/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/17/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/17/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/25/2013	0.0011	-	-	-
cis-1,2-Dichloroethene	MW 37	10/22/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/9/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/23/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/16/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/5/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	11/03/2020	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 37	05/02/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 40	1/12/2005	13	-	-	-
cis-1,2-Dichloroethene	MW 40	10/18/2005	16	-	-	-
cis-1,2-Dichloroethene	MW 40	1/30/2006	15	-	-	-
cis-1,2-Dichloroethene	MW 40	4/17/2006	8.5	-	-	-
cis-1,2-Dichloroethene	MW 40	7/19/2006	9.4	-	-	-
cis-1,2-Dichloroethene	MW 40	10/18/2006	12	-	-	-
cis-1,2-Dichloroethene	MW 40	1/23/2007	11	-	-	-
cis-1,2-Dichloroethene	MW 40	4/18/2007	9.6	-	-	-
cis-1,2-Dichloroethene	MW 40	7/10/2007	10	-	-	-
cis-1,2-Dichloroethene	MW 40	10/18/2007	17	-	-	-
cis-1,2-Dichloroethene	MW 40	2/15/2008	17	-	-	-
cis-1,2-Dichloroethene	MW 40	6/26/2008	15 J	-	-	-
cis-1,2-Dichloroethene	MW 40	12/3/2008	13	-	-	-
cis-1,2-Dichloroethene	MW 40	12/3/2008	13	-	-	-
cis-1,2-Dichloroethene	MW 40	4/30/2009	13	-	-	-
cis-1,2-Dichloroethene	MW 40	12/9/2009	13	-	-	-
cis-1,2-Dichloroethene	MW 40	10/26/2010	7.66	-	-	-
cis-1,2-Dichloroethene	MW 40	4/19/2011	8.8	-	-	-
cis-1,2-Dichloroethene	MW 40	10/4/2011	7.6	-	-	-
cis-1,2-Dichloroethene	MW 40	5/14/2012	7.9	-	-	-
cis-1,2-Dichloroethene	MW 40	10/10/2012	6.7	-	-	-
cis-1,2-Dichloroethene	MW 40	4/9/2013	7.9	-	-	-
cis-1,2-Dichloroethene	MW 40	10/24/2013	8.1	-	-	-
cis-1,2-Dichloroethene	MW 40	4/14/2014	11	-	-	-
cis-1,2-Dichloroethene	MW 40	10/27/2014	7.2	-	-	-
cis-1,2-Dichloroethene	MW 40	4/28/2015	7.5	-	-	-
cis-1,2-Dichloroethene	MW 40	10/13/2015	6.3	-	-	-
cis-1,2-Dichloroethene	MW 40	4/19/2016	7	-	-	-
cis-1,2-Dichloroethene	MW 40	10/20/2016	5	-	-	-
cis-1,2-Dichloroethene	MW 40	4/19/2017	5.4	-	-	-
cis-1,2-Dichloroethene	MW 40	10/10/2017	5.4	-	-	-
cis-1,2-Dichloroethene	MW 40	10/10/2017	5.5	-	-	-
cis-1,2-Dichloroethene	MW 40	4/13/2018	5.8	-	-	-
cis-1,2-Dichloroethene	MW 40	10/3/2018	5.4	-	-	-
cis-1,2-Dichloroethene	MW 40	04/25/2019	4.6	-	-	-
cis-1,2-Dichloroethene	MW 40	11/03/2020	3.1	-	-	-
cis-1,2-Dichloroethene	MW 40	04/26/2022	4.5	-	-	-
cis-1,2-Dichloroethene	MW 41	10/17/2005	4.3	-	-	-
cis-1,2-Dichloroethene	MW 41	1/30/2006	8.5	-	-	-
cis-1,2-Dichloroethene	MW 41	4/17/2006	5.1	-	-	-
cis-1,2-Dichloroethene	MW 41	4/17/2006	4.7	-	-	-
cis-1,2-Dichloroethene	MW 41	7/18/2006	5.4	-	-	-
cis-1,2-Dichloroethene	MW 41	10/18/2006	6.5 J	-	-	-
cis-1,2-Dichloroethene	MW 41	1/23/2007	6.5	-	-	-
cis-1,2-Dichloroethene	MW 41	4/18/2007	5.1	-	-	-
cis-1,2-Dichloroethene	MW 41	4/18/2007	4.1	-	-	-
cis-1,2-Dichloroethene	MW 41	7/10/2007	8.3	-	-	-
cis-1,2-Dichloroethene	MW 41	10/18/2007	10	-	-	-
cis-1,2-Dichloroethene	MW 41	2/15/2008	9.8	-	-	-
cis-1,2-Dichloroethene	MW 41	6/24/2008	7	-	-	-
cis-1,2-Dichloroethene	MW 41	12/3/2008	9.5	-	-	-
cis-1,2-Dichloroethene	MW 41	4/28/2009	10	-	-	-
cis-1,2-Dichloroethene	MW 41	12/3/2009	8.4	-	-	-
cis-1,2-Dichloroethene	MW 41	10/25/2010	6.94	-	-	-
cis-1,2-Dichloroethene	MW 41	4/19/2011	6.3	-	-	-
cis-1,2-Dichloroethene	MW 41	10/4/2011	6.3	-	-	-
cis-1,2-Dichloroethene	MW 41	5/14/2012	6	-	-	-
cis-1,2-Dichloroethene	MW 41	10/10/2012	6.8	-	-	-
cis-1,2-Dichloroethene	MW 41	4/9/2013	6.3	-	-	-
cis-1,2-Dichloroethene	MW 41	10/25/2013	7.2	-	-	-
cis-1,2-Dichloroethene	MW 41	4/14/2014	7.6	-	-	-
cis-1,2-Dichloroethene	MW 41	10/23/2014	7.3	-	-	-
cis-1,2-Dichloroethene	MW 41	4/29/2015	6.4	-	-	-
cis-1,2-Dichloroethene	MW 41	10/12/2015	6.5	-	-	-
cis-1,2-Dichloroethene	MW 41	10/12/2015	6.2	-	-	-
cis-1,2-Dichloroethene	MW 41	4/19/2016	6.4	-	-	-
cis-1,2-Dichloroethene	MW 41	10/23/2016	5.2	-	-	-
cis-1,2-Dichloroethene	MW 41	4/19/2017	6	-	-	-
cis-1,2-Dichloroethene	MW 41	10/9/2017	5.4	-	-	-
cis-1,2-Dichloroethene	MW 41	4/13/2018	5.8	-	-	-
cis-1,2-Dichloroethene	MW 41	10/4/2018	4.8	-	-	-
cis-1,2-Dichloroethene	MW 41	04/25/2019	5.1	-	-	-
cis-1,2-Dichloroethene	MW 41	04/25/2019	5.1	-	-	-
cis-1,2-Dichloroethene	MW 41	11/03/2020	4.2 B	-	-	-
cis-1,2-Dichloroethene	MW 41	04/26/2022	2.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/18/2005	12	-	-	-
cis-1,2-Dichloroethene	MW 42	1/30/2006	10	-	-	-
cis-1,2-Dichloroethene	MW 42	1/30/2006	9.7	-	-	-
cis-1,2-Dichloroethene	MW 42	4/17/2006	6.5	-	-	-
cis-1,2-Dichloroethene	MW 42	7/18/2006	7	-	-	-
cis-1,2-Dichloroethene	MW 42	10/18/2006	6.4 J	-	-	-
cis-1,2-Dichloroethene	MW 42	1/23/2007	6.2	-	-	-
cis-1,2-Dichloroethene	MW 42	1/23/2007	6.2	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
cis-1,2-Dichloroethene	MW 42	4/18/2007	3.7	-	-	-
cis-1,2-Dichloroethene	MW 42	7/10/2007	9.2	-	-	-
cis-1,2-Dichloroethene	MW 42	10/18/2007	9.8	-	-	-
cis-1,2-Dichloroethene	MW 42	2/15/2008	10	-	-	-
cis-1,2-Dichloroethene	MW 42	6/24/2008	7.9	-	-	-
cis-1,2-Dichloroethene	MW 42	12/3/2008	8.9	-	-	-
cis-1,2-Dichloroethene	MW 42	4/28/2009	9.3	-	-	-
cis-1,2-Dichloroethene	MW 42	12/3/2009	8.1	-	-	-
cis-1,2-Dichloroethene	MW 42	10/25/2010	6.27	-	-	-
cis-1,2-Dichloroethene	MW 42	4/19/2011	6	-	-	-
cis-1,2-Dichloroethene	MW 42	10/4/2011	5	-	-	-
cis-1,2-Dichloroethene	MW 42	5/14/2012	5.4	-	-	-
cis-1,2-Dichloroethene	MW 42	10/10/2012	5.3	-	-	-
cis-1,2-Dichloroethene	MW 42	4/9/2013	5.2	-	-	-
cis-1,2-Dichloroethene	MW 42	10/25/2013	5.2	-	-	-
cis-1,2-Dichloroethene	MW 42	4/14/2014	5.6	-	-	-
cis-1,2-Dichloroethene	MW 42	10/23/2014	4.3	-	-	-
cis-1,2-Dichloroethene	MW 42	4/29/2015	4.1	-	-	-
cis-1,2-Dichloroethene	MW 42	10/12/2015	4.4	-	-	-
cis-1,2-Dichloroethene	MW 42	4/19/2016	4.1	-	-	-
cis-1,2-Dichloroethene	MW 42	10/23/2016	3.2	-	-	-
cis-1,2-Dichloroethene	MW 42	4/19/2017	2.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/9/2017	3.7	-	-	-
cis-1,2-Dichloroethene	MW 42	4/13/2018	3.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/4/2018	3.5	-	-	-
cis-1,2-Dichloroethene	MW 42	04/25/2019	2.4	-	-	-
cis-1,2-Dichloroethene	MW 42	11/03/2020	2.9 B	-	-	-
cis-1,2-Dichloroethene	MW 42	04/26/2022	3.2	-	-	-
cis-1,2-Dichloroethene	MW 46	1/12/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/19/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/19/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	6/27/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	12/16/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/26/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/5/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/17/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/25/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/22/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/9/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/23/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/16/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/5/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/08/2019	0.0005 J	-	-	-
cis-1,2-Dichloroethene	MW 46	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	05/03/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 49	1/12/2005	0.01	-	-	-
cis-1,2-Dichloroethene	MW 49	10/19/2007	0.045	-	-	-
cis-1,2-Dichloroethene	MW 49	2/15/2008	0.045	-	-	-
cis-1,2-Dichloroethene	MW 49	6/30/2008	0.065	-	-	-
cis-1,2-Dichloroethene	MW 49	12/5/2008	0.093	-	-	-
cis-1,2-Dichloroethene	MW 49	4/29/2009	0.1	-	-	-
cis-1,2-Dichloroethene	MW 49	12/4/2009	0.44	-	-	-
cis-1,2-Dichloroethene	MW 49	10/27/2010	0.352	-	-	-
cis-1,2-Dichloroethene	MW 49	4/19/2011	0.37	-	-	-
cis-1,2-Dichloroethene	MW 49	10/5/2011	0.53	-	-	-
cis-1,2-Dichloroethene	MW 49	5/15/2012	0.66	-	-	-
cis-1,2-Dichloroethene	MW 49	10/17/2012	0.78	-	-	-
cis-1,2-Dichloroethene	MW 49	4/10/2013	0.74	-	-	-
cis-1,2-Dichloroethene	MW 49	10/25/2013	0.9	-	-	-
cis-1,2-Dichloroethene	MW 49	4/14/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 49	10/27/2014	0.78	-	-	-
cis-1,2-Dichloroethene	MW 49	4/28/2015	0.71	-	-	-
cis-1,2-Dichloroethene	MW 49	10/13/2015	0.86	-	-	-
cis-1,2-Dichloroethene	MW 49	4/21/2016	0.83	-	-	-
cis-1,2-Dichloroethene	MW 49	4/11/2018	0.89	-	-	-
cis-1,2-Dichloroethene	MW 49	10/3/2018	0.89	-	-	-
cis-1,2-Dichloroethene	MW 49	04/25/2019	0.83	-	-	-
cis-1,2-Dichloroethene	MW 49	10/08/2019	0.69	-	-	-
cis-1,2-Dichloroethene	MW 49	10/08/2019	0.7	-	-	-
cis-1,2-Dichloroethene	MW 49	11/03/2020	0.6	-	-	-
cis-1,2-Dichloroethene	MW 49	05/02/2022	0.43	-	-	-
cis-1,2-Dichloroethene	MW 51	12/5/2008	0.0086 J	-	-	-
cis-1,2-Dichloroethene	MW 51	12/5/2008	0.0085 J	-	-	-
cis-1,2-Dichloroethene	MW 51	4/29/2009	0.0065 J	-	-	-
cis-1,2-Dichloroethene	MW 51	12/14/2009	0.011	-	-	-
cis-1,2-Dichloroethene	MW 51	10/27/2010	0.0096 J	-	-	-
cis-1,2-Dichloroethene	MW 51	4/20/2011	0.0067 U	-	-	-
cis-1,2-Dichloroethene	MW 51	10/5/2011	0.0078 J	-	-	-
cis-1,2-Dichloroethene	MW 51	5/14/2012	0.0065	-	-	-
cis-1,2-Dichloroethene	MW 51	10/12/2012	0.0099	-	-	-
cis-1,2-Dichloroethene	MW 51	4/9/2013	0.0076 J	-	-	-
cis-1,2-Dichloroethene	MW 51	10/23/2013	0.0075	-	-	-
cis-1,2-Dichloroethene	MW 51	4/16/2014	0.0071	-	-	-
cis-1,2-Dichloroethene	MW 51	10/21/2014	0.0077	-	-	-
cis-1,2-Dichloroethene	MW 51	4/28/2015	0.0078	-	-	-
cis-1,2-Dichloroethene	MW 51	4/28/2015	0.0077	-	-	-
cis-1,2-Dichloroethene	MW 51	10/9/2015	0.0083	-	-	-
cis-1,2-Dichloroethene	MW 51	4/20/2016	0.011	-	-	-
cis-1,2-Dichloroethene	MW 51	10/23/2016	0.012	-	-	-
cis-1,2-Dichloroethene	MW 51	4/18/2017	0.015	-	-	-
cis-1,2-Dichloroethene	MW 51	10/16/2017	0.028	yes	-	-
cis-1,2-Dichloroethene	MW 51	4/10/2018	0.032	-	-	-
cis-1,2-Dichloroethene	MW 51	4/10/2018	0.034	-	-	-
cis-1,2-Dichloroethene	MW 51	10/4/2018	0.079	-	-	-
cis-1,2-Dichloroethene	MW 51	04/25/2019	0.15/0.16	-	-	-
cis-1,2-Dichloroethene	MW 56	1/11/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/19/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/18/2006	0.0024	-	-	-
cis-1,2-Dichloroethene	MW 56	10/18/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	6/26/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	12/17/2009	0.001 U	-	-	-

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cis-1,2-Dichloroethene	MW 56	10/28/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/6/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/16/2012	0.003	-	-	-
cis-1,2-Dichloroethene	MW 56	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/29/2014	0.00020 J	-	-	-
cis-1,2-Dichloroethene	MW 56	10/29/2014	0.00021 J	-	-	-
cis-1,2-Dichloroethene	MW 56	10/19/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/24/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/18/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/5/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	05/05/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	1/10/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/19/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	2/1/2006	0.0014	-	-	-
cis-1,2-Dichloroethene	MW 57	4/18/2006	0.0007 J	-	-	-
cis-1,2-Dichloroethene	MW 57	7/18/2006	0.004	-	-	-
cis-1,2-Dichloroethene	MW 57	10/17/2006	0.0011	-	-	-
cis-1,2-Dichloroethene	MW 57	1/24/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	4/16/2007	0.00034 J	-	-	-
cis-1,2-Dichloroethene	MW 57	7/10/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/17/2007	0.00014 J	-	-	-
cis-1,2-Dichloroethene	MW 57	6/25/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	12/16/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/28/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/28/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/6/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/16/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/29/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/19/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/24/2016	0.0042	-	-	-
cis-1,2-Dichloroethene	MW 57	10/18/2017	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/8/2018	0.0082 U	-	-	-
cis-1,2-Dichloroethene	MW 57	11/03/2020	0.18	-	-	-
cis-1,2-Dichloroethene	MW 57	05/05/2022	0.04 U	-	-	-
cis-1,2-Dichloroethene	MW 58	1/10/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/19/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/17/2006	0.0042 J	-	-	-
cis-1,2-Dichloroethene	MW 58	10/17/2007	0.0034 U	-	-	-
cis-1,2-Dichloroethene	MW 58	2/18/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 58	6/25/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 58	12/17/2009	0.0031 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/28/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/6/2011	0.008 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/16/2012	0.0057 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/16/2012	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/29/2013	0.002 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/29/2014	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/20/2015	0.028	-	-	-
cis-1,2-Dichloroethene	MW 58	10/20/2015	0.028	-	-	-
cis-1,2-Dichloroethene	MW 58	10/25/2016	1.1	-	-	-
cis-1,2-Dichloroethene	MW 58	10/17/2017	2.2	-	-	-
cis-1,2-Dichloroethene	MW 58	10/8/2018	3	-	-	-
cis-1,2-Dichloroethene	MW 58	11/03/2020	2.9	-	-	-
cis-1,2-Dichloroethene	MW 58	11/03/2020	2.9	-	-	-
cis-1,2-Dichloroethene	MW 58	05/04/2022	2.5	-	-	-
cis-1,2-Dichloroethene	MW 61	1/11/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	6/24/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	12/3/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/26/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/26/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/3/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/10/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/23/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/21/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/9/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/22/2016	0.00035 J	-	-	-
cis-1,2-Dichloroethene	MW 61	10/9/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/4/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	11/03/2020	0.001 UJB	-	-	-
cis-1,2-Dichloroethene	MW 61	11/03/2020	0.001 UJB	-	-	-
cis-1,2-Dichloroethene	MW 61	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	1/11/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/19/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/18/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/19/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	2/18/2008	0.014	-	-	-
cis-1,2-Dichloroethene	MW 64	2/18/2008	0.024	-	-	-
cis-1,2-Dichloroethene	MW 64	6/26/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	12/8/2009	0.00014 J	-	-	-
cis-1,2-Dichloroethene	MW 64	12/8/2009	0.00014 J	-	-	-
cis-1,2-Dichloroethene	MW 64	10/25/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/3/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/11/2012	0.00063 J	-	-	-
cis-1,2-Dichloroethene	MW 64	10/11/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/22/2013	0.025	-	-	-
cis-1,2-Dichloroethene	MW 64	10/28/2014	0.22	-	-	-
cis-1,2-Dichloroethene	MW 64	10/13/2015	0.25	-	-	-
cis-1,2-Dichloroethene	MW 64	10/20/2016	0.062	-	-	-
cis-1,2-Dichloroethene	MW 64	10/10/2017	0.23	-	-	-
cis-1,2-Dichloroethene	MW 64	10/3/2018	0.21	-	-	-
cis-1,2-Dichloroethene	MW 64	10/3/2018	0.21	-	-	-
cis-1,2-Dichloroethene	MW 64	11/03/2020	0.31 B	-	-	-
cis-1,2-Dichloroethene	MW 64	11/03/2020	0.32 B	-	-	-
cis-1,2-Dichloroethene	MW 64	04/25/2022	0.009	-	-	-
cis-1,2-Dichloroethene	MW 65	1/10/2005	0.17	-	-	-
cis-1,2-Dichloroethene	MW 65	10/18/2007	2.7	-	-	-
cis-1,2-Dichloroethene	MW 65	2/15/2008	3	-	-	-
cis-1,2-Dichloroethene	MW 65	6/27/2008	0.34	-	-	-
cis-1,2-Dichloroethene	MW 65	12/4/2008	1.9	-	-	-

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cis-1,2-Dichloroethene	MW 65	4/28/2009	0.97	-	-	-
cis-1,2-Dichloroethene	MW 65	12/4/2009	1.4	-	-	-
cis-1,2-Dichloroethene	MW 65	10/25/2010	2.44	-	-	-
cis-1,2-Dichloroethene	MW 65	10/3/2011	0.97	-	-	-
cis-1,2-Dichloroethene	MW 65	10/11/2012	0.38	-	-	-
cis-1,2-Dichloroethene	MW 65	10/22/2013	0.21	-	-	-
cis-1,2-Dichloroethene	MW 65	10/22/2014	0.053	-	-	-
cis-1,2-Dichloroethene	MW 65	10/22/2014	0.064	-	-	-
cis-1,2-Dichloroethene	MW 65	10/8/2015	0.051	-	-	-
cis-1,2-Dichloroethene	MW 65	10/19/2016	0.028	-	-	-
cis-1,2-Dichloroethene	MW 65	10/6/2017	0.02	-	-	-
cis-1,2-Dichloroethene	MW 65	10/4/2018	0.015	-	-	-
cis-1,2-Dichloroethene	MW 65	11/03/2020	0.0082 B	-	-	-
cis-1,2-Dichloroethene	MW 65	04/25/2022	0.0035	-	-	-
cis-1,2-Dichloroethene	MW 66	1/11/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	1/11/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	10/18/2005	0.0014 U	-	-	-
cis-1,2-Dichloroethene	MW 66	10/18/2006	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 66	10/19/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	10/19/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	2/18/2008	0.00012 J	-	low J value	-
cis-1,2-Dichloroethene	MW 66	6/26/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	12/4/2008	0.0007 J	-	low J value	-
cis-1,2-Dichloroethene	MW 66	4/28/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	4/28/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 66	12/8/2009	0.0048	-	-	-
cis-1,2-Dichloroethene	MW 66	10/25/2010	0.248	-	-	-
cis-1,2-Dichloroethene	MW 66	4/19/2011	0.23	-	-	-
cis-1,2-Dichloroethene	MW 66	4/19/2011	0.24	-	-	-
cis-1,2-Dichloroethene	MW 66	10/3/2011	0.33	-	-	-
cis-1,2-Dichloroethene	MW 66	5/14/2012	0.24	-	-	-
cis-1,2-Dichloroethene	MW 66	10/11/2012	0.42	-	-	-
cis-1,2-Dichloroethene	MW 66	4/10/2013	0.36	-	-	-
cis-1,2-Dichloroethene	MW 66	10/22/2013	0.9	-	-	-
cis-1,2-Dichloroethene	MW 66	4/11/2014	0.28	-	-	-
cis-1,2-Dichloroethene	MW 66	10/27/2014	0.53	-	-	-
cis-1,2-Dichloroethene	MW 66	4/27/2015	0.45	-	-	-
cis-1,2-Dichloroethene	MW 66	10/13/2015	1	-	-	-
cis-1,2-Dichloroethene	MW 66	4/20/2016	1.1	-	-	-
cis-1,2-Dichloroethene	MW 66	10/20/2016	1.8	-	-	-
cis-1,2-Dichloroethene	MW 66	4/19/2017	2.2	-	-	-
cis-1,2-Dichloroethene	MW 66	10/10/2017	3	-	-	-
cis-1,2-Dichloroethene	MW 66	4/11/2018	2.6	-	-	-
cis-1,2-Dichloroethene	MW 66	10/3/2018	3.4	-	-	-
cis-1,2-Dichloroethene	MW 66	04/25/2019	3.3	-	-	-
cis-1,2-Dichloroethene	MW 66	11/03/2020	2.3 B	-	-	-
cis-1,2-Dichloroethene	MW 66	04/25/2022	2	-	-	-
cis-1,2-Dichloroethene	MW 68	1/18/2005	14	-	-	-
cis-1,2-Dichloroethene	MW 68	10/19/2005	16	-	-	-
cis-1,2-Dichloroethene	MW 68	10/19/2005	16	-	-	-
cis-1,2-Dichloroethene	MW 68	1/31/2006	13	-	-	-
cis-1,2-Dichloroethene	MW 68	4/18/2006	9.9	-	-	-
cis-1,2-Dichloroethene	MW 68	7/19/2006	7.5	-	-	-
cis-1,2-Dichloroethene	MW 68	10/19/2006	12	-	-	-
cis-1,2-Dichloroethene	MW 68	1/23/2007	9.5	-	-	-
cis-1,2-Dichloroethene	MW 68	4/18/2007	8.9	-	-	-
cis-1,2-Dichloroethene	MW 68	7/9/2007	13	-	-	-
cis-1,2-Dichloroethene	MW 68	10/16/2007	14	-	-	-
cis-1,2-Dichloroethene	MW 68	2/19/2008	14	-	-	-
cis-1,2-Dichloroethene	MW 68	6/27/2008	13	-	-	-
cis-1,2-Dichloroethene	MW 68	12/5/2008	10	-	-	-
cis-1,2-Dichloroethene	MW 68	4/29/2009	11	-	-	-
cis-1,2-Dichloroethene	MW 68	12/16/2009	8.4	-	-	-
cis-1,2-Dichloroethene	MW 68	12/16/2009	8.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/26/2010	7.52	-	-	-
cis-1,2-Dichloroethene	MW 68	4/18/2011	7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/4/2011	6.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/4/2011	6.6	-	-	-
cis-1,2-Dichloroethene	MW 68	5/14/2012	6.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/12/2012	6.1	-	-	-
cis-1,2-Dichloroethene	MW 68	4/10/2013	6.4	-	-	-
cis-1,2-Dichloroethene	MW 68	4/10/2013	6.1	-	-	-
cis-1,2-Dichloroethene	MW 68	10/23/2013	7	-	-	-
cis-1,2-Dichloroethene	MW 68	11/14/2013	6.5	-	-	-
cis-1,2-Dichloroethene	MW 68	11/14/2013	6.7	-	-	-
cis-1,2-Dichloroethene	MW 68	4/10/2014	6.3	-	-	-
cis-1,2-Dichloroethene	MW 68	10/23/2014	5.5	-	-	-
cis-1,2-Dichloroethene	MW 68	4/28/2015	5.8	-	-	-
cis-1,2-Dichloroethene	MW 68	4/28/2015	5.9	-	-	-
cis-1,2-Dichloroethene	MW 68	10/13/2015	5.1	-	-	-
cis-1,2-Dichloroethene	MW 68	10/13/2015	4.9	-	-	-
cis-1,2-Dichloroethene	MW 68	4/19/2016	4.5	-	-	-
cis-1,2-Dichloroethene	MW 68	10/20/2016	3.5	-	-	-
cis-1,2-Dichloroethene	MW 68	4/17/2017	3.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/11/2017	4.2	-	-	-
cis-1,2-Dichloroethene	MW 68	4/11/2018	3.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/2/2018	4.4	-	-	-
cis-1,2-Dichloroethene	MW 68	04/25/2019	4.4	-	-	-
cis-1,2-Dichloroethene	MW 68	11/03/2020	3/3	-	-	-
cis-1,2-Dichloroethene	MW 68	04/29/2022	3.2	-	-	-
cis-1,2-Dichloroethene	MW 75	1/14/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/19/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/19/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/16/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	6/30/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/27/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/5/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/12/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/23/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/21/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/23/2016	0.0007 J	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
cis-1,2-Dichloroethene	MW 75	10/16/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/2/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	05/03/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	1/14/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/20/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/19/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/16/2007	0.00019 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/27/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/12/2012	0.00099 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/23/2013	0.00036 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/23/2013	0.00043 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/21/2014	0.00043 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/18/2017	0.0027	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/2/2018	0.0028	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	11/03/2020	0.0032 B	-	-	-
cis-1,2-Dichloroethene	MW 79	1/13/2005	0.79	-	-	-
cis-1,2-Dichloroethene	MW 79	10/15/2007	0.99	-	-	-
cis-1,2-Dichloroethene	MW 79	12/5/2008	1	-	-	-
cis-1,2-Dichloroethene	MW 79	4/29/2009	1.1	-	-	-
cis-1,2-Dichloroethene	MW 79	12/14/2009	1.5	-	-	-
cis-1,2-Dichloroethene	MW 79	10/27/2010	1.22	-	-	-
cis-1,2-Dichloroethene	MW 79	4/20/2011	1.2	-	-	-
cis-1,2-Dichloroethene	MW 79	10/4/2011	1.5	-	-	-
cis-1,2-Dichloroethene	MW 79	5/15/2012	1.4	-	-	-
cis-1,2-Dichloroethene	MW 79	10/15/2012	2.1	-	-	-
cis-1,2-Dichloroethene	MW 79	10/15/2012	2.2	-	-	-
cis-1,2-Dichloroethene	MW 79	4/9/2013	1.9	-	-	-
cis-1,2-Dichloroethene	MW 79	10/28/2013	2.6	-	-	-
cis-1,2-Dichloroethene	MW 79	4/15/2014	2.9	-	-	-
cis-1,2-Dichloroethene	MW 79	10/28/2014	2.5	-	-	-
cis-1,2-Dichloroethene	MW 79	10/28/2014	2.4	-	-	-
cis-1,2-Dichloroethene	MW 79	4/29/2015	2.4	-	-	-
cis-1,2-Dichloroethene	MW 79	10/13/2015	2	-	-	-
cis-1,2-Dichloroethene	MW 79	4/19/2016	2.4	-	-	-
cis-1,2-Dichloroethene	MW 79	10/21/2016	2.1	-	-	-
cis-1,2-Dichloroethene	MW 79	4/17/2017	2.3	-	-	-
cis-1,2-Dichloroethene	MW 79	4/17/2017	2.3	-	-	-
cis-1,2-Dichloroethene	MW 79	10/11/2017	2.5	-	-	-
cis-1,2-Dichloroethene	MW 79	4/10/2018	3.5	-	-	-
cis-1,2-Dichloroethene	MW 79	10/2/2018	2.4	-	-	-
cis-1,2-Dichloroethene	MW 79	04/25/2019	2.2	-	-	-
cis-1,2-Dichloroethene	MW 79	11/03/2020	1.5 B	-	-	-
cis-1,2-Dichloroethene	MW 79	04/29/2022	2.1	-	-	-
cis-1,2-Dichloroethene	MW 80	3/9/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	3/9/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/18/2005	0.0083 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/18/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/17/2007	0.00013 J	-	-	-
cis-1,2-Dichloroethene	MW 80	6/27/2008	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 80	6/27/2008	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 80	12/8/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/25/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/3/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/11/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/22/2013	0.0017 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/24/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/8/2015	0.0012 J	-	-	-
cis-1,2-Dichloroethene	MW 80	10/22/2016	0.025	-	-	-
cis-1,2-Dichloroethene	MW 80	10/6/2017	0.0086	-	-	-
cis-1,2-Dichloroethene	MW 80	10/2/2018	0.015	-	-	-
cis-1,2-Dichloroethene	MW 80	11/03/2020	0.013 B	-	-	-
cis-1,2-Dichloroethene	MW 80	04/25/2022	0.0064 / 0.007	-	-	-
cis-1,2-Dichloroethene	MW 81	3/9/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	3/30/2005	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 81	10/19/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	10/18/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	10/18/2006	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 81	10/18/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	2/15/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	6/26/2008	0.00024 J	-	-	-
cis-1,2-Dichloroethene	MW 81	12/4/2009	0.0006 J	-	-	-
cis-1,2-Dichloroethene	MW 81	10/25/2010	0.005 U	-	-	detection frequency
cis-1,2-Dichloroethene	MW 81	10/3/2011	0.019	-	-	-
cis-1,2-Dichloroethene	MW 81	10/11/2012	0.039	-	-	-
cis-1,2-Dichloroethene	MW 81	10/22/2013	0.15	-	-	-
cis-1,2-Dichloroethene	MW 81	10/22/2014	0.17	-	-	-
cis-1,2-Dichloroethene	MW 81	10/8/2015	0.19	-	-	-
cis-1,2-Dichloroethene	MW 81	10/22/2016	0.077	-	-	-
cis-1,2-Dichloroethene	MW 81	10/6/2017	0.096	-	-	-
cis-1,2-Dichloroethene	MW 81	10/9/2018	0.078	-	-	-
cis-1,2-Dichloroethene	MW 81	11/03/2020	0.057	-	-	-
cis-1,2-Dichloroethene	MW 81	04/25/2022	0.028	-	-	-
cis-1,2-Dichloroethene	MW 82	3/9/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/20/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/19/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/16/2007	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	6/27/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	12/15/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/27/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/4/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/23/2013	0.0022	-	-	-
cis-1,2-Dichloroethene	MW 82	10/24/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/12/2015	0.00041 J	-	-	-
cis-1,2-Dichloroethene	MW 82	10/23/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/12/2017	0.002	-	-	-
cis-1,2-Dichloroethene	MW 82	10/12/2017	0.002	-	-	-
cis-1,2-Dichloroethene	MW 82	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/10/2018	0.001 U	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
cis-1,2-Dichloroethene	MW 82	11/03/2020	0.001 UJB	-	-	-
cis-1,2-Dichloroethene	MW 82	04/28/2022	0.00067 J	-	-	-
cis-1,2-Dichloroethene	MW 83	3/9/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/18/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/18/2006	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/18/2007	0.00041 J	-	-	-
cis-1,2-Dichloroethene	MW 83	6/27/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	12/8/2009	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/26/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/4/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/10/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/24/2013	0.00032 J	-	-	-
cis-1,2-Dichloroethene	MW 83	10/22/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/9/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/22/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/22/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/11/2017	0.00041 J	-	-	-
cis-1,2-Dichloroethene	MW 83	10/10/2018	0.3	-	-	-
cis-1,2-Dichloroethene	MW 83	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	05/02/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/20/2005	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	4/10/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	11/14/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	4/10/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/12/2015	0.00027 J	-	-	-
cis-1,2-Dichloroethene	MW 84	10/24/2016	0.001	-	-	-
cis-1,2-Dichloroethene	MW 84	10/13/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/4/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/08/2019	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	11/03/2020	0.001 UJB	-	-	-
cis-1,2-Dichloroethene	MW 84	04/28/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 85	2/19/2008	0.017 U	-	-	-
cis-1,2-Dichloroethene	MW 85	6/25/2008	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 85	12/4/2008	0.031 U	-	-	-
cis-1,2-Dichloroethene	MW 85	4/30/2009	0.025 U	-	-	-
cis-1,2-Dichloroethene	MW 85	12/17/2009	0.017 U	-	-	-
cis-1,2-Dichloroethene	MW 85	10/28/2010	0.693	-	-	-
cis-1,2-Dichloroethene	MW 85	4/20/2011	0.18	-	-	-
cis-1,2-Dichloroethene	MW 85	10/6/2011	0.59	-	-	-
cis-1,2-Dichloroethene	MW 85	5/16/2012	0.66	-	-	-
cis-1,2-Dichloroethene	MW 85	10/16/2012	4.6	-	-	-
cis-1,2-Dichloroethene	MW 85	4/12/2013	1.9	-	-	-
cis-1,2-Dichloroethene	MW 85	10/29/2013	4.6	-	-	-
cis-1,2-Dichloroethene	MW 85	4/16/2014	7.4	-	-	-
cis-1,2-Dichloroethene	MW 85	10/29/2014	7.5	-	-	-
cis-1,2-Dichloroethene	MW 85	4/27/2015	9.5	-	-	-
cis-1,2-Dichloroethene	MW 85	10/19/2015	10	-	-	-
cis-1,2-Dichloroethene	MW 85	4/22/2016	9.9	-	-	-
cis-1,2-Dichloroethene	MW 85	4/22/2016	10	-	-	-
cis-1,2-Dichloroethene	MW 85	10/24/2016	8.4	-	-	-
cis-1,2-Dichloroethene	MW 85	4/18/2017	8.4	-	-	-
cis-1,2-Dichloroethene	MW 85	10/17/2017	8.6	-	-	-
cis-1,2-Dichloroethene	MW 85	4/12/2018	7.3	-	-	-
cis-1,2-Dichloroethene	MW 85	10/8/2018	8	-	-	-
cis-1,2-Dichloroethene	MW 85	04/25/2019	4.4	-	-	-
cis-1,2-Dichloroethene	MW 85	11/03/2020	6.1	-	-	-
cis-1,2-Dichloroethene	MW 85	05/05/2022	5.2	-	-	-
cis-1,2-Dichloroethene	MW 86	10/28/2010	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/28/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/4/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/11/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/22/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/22/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/8/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/22/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/13/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/4/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	11/03/2020	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 86	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/29/2010	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/3/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/11/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/22/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/22/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/8/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/8/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/22/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/22/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/13/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/4/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/4/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	11/03/2020	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 88	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	12/8/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	12/8/2011	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/17/2012	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/12/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/12/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/28/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/16/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/28/2014	0.00055 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/28/2015	0.0003 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/15/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/20/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/20/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/25/2016	0.0003 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/25/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/19/2017	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/17/2017	0.00059 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/11/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/8/2018	0.001 U	-	-	-

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cis-1,2-Dichloroethene	MW 89-11	04/25/2019	0.00037 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	11/03/2020	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	MW 89-11	05/03/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/25/2016	0.0012	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/18/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/9/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	05/05/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	Pond Intake	1/11/2005	0.013	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/19/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	10/17/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	2/1/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	4/17/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	7/18/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	10/17/2006	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	Pond Intake	1/22/2007	0.066	-	-	sampling frequency
cis-1,2-Dichloroethene	Pond Intake	4/16/2007	0.0025	-	-	-
cis-1,2-Dichloroethene	Pond Intake	5/9/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	6/18/2007	0.00019 J	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/10/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	8/15/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	9/27/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	10/17/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	11/9/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	12/4/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	2/18/2008	0.00061 J	-	-	-
cis-1,2-Dichloroethene	Pond Intake	6/25/2008	0.032	-	-	-
cis-1,2-Dichloroethene	Pond Intake	9/23/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	12/4/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	3/4/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	3/4/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	4/30/2009	0.0034	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/30/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	7/30/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	12/17/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	8/4/2010	0.0058	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/28/2010	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	4/20/2011	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	7/28/2011	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	10/6/2011	0.004	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/6/2011	0.004	-	-	-
cis-1,2-Dichloroethene	Pond Intake	5/16/2012	0.0063	-	-	-
cis-1,2-Dichloroethene	Pond Intake	8/2/2012	0.00072 J	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/16/2012	0.0026	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/12/2013	0.0066	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/17/2013	0.017	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/29/2013	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond Intake	4/16/2014	0.018	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/17/2014	0.029	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/17/2014	0.027	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/29/2014	0.022	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/27/2015	0.033	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/10/2015	0.1	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/10/2015	0.11	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/20/2015	0.037	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/22/2016	0.077	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/19/2016	0.055	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/24/2016	0.036	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/24/2016	0.034	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/18/2017	0.059	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/12/2017	0.11	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/19/2017	0.052	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/9/2018	0.12	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/5/2018	0.077	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/5/2018	0.072	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/9/2018	0.1	-	-	-
cis-1,2-Dichloroethene	Pond Intake	04/25/2019	0.12/0.10	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/08/2019	0.061	-	-	-
cis-1,2-Dichloroethene	Pond Intake	11/03/2020	0.076	-	-	-
cis-1,2-Dichloroethene	Pond Intake	05/04/2022	0.067	-	-	-
cis-1,2-Dichloroethene	Pond North	1/11/2005	0.032	-	-	-
cis-1,2-Dichloroethene	Pond North	4/19/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	10/17/2005	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	2/1/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	4/17/2006	0.0017 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	7/18/2006	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	10/17/2006	0.001 UJ	-	-	-
cis-1,2-Dichloroethene	Pond North	1/22/2007	0.081	-	-	sampling frequency
cis-1,2-Dichloroethene	Pond North	4/16/2007	0.21 J	-	-	-
cis-1,2-Dichloroethene	Pond North	5/9/2007	0.00018 J	-	-	-
cis-1,2-Dichloroethene	Pond North	6/18/2007	0.00016 J	-	-	-
cis-1,2-Dichloroethene	Pond North	7/10/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	8/15/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	9/27/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	10/17/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	11/9/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	12/4/2007	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	2/18/2008	0.00062 J	-	-	-
cis-1,2-Dichloroethene	Pond North	6/25/2008	0.03	-	-	-
cis-1,2-Dichloroethene	Pond North	9/23/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	9/23/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	12/4/2008	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	3/4/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	4/30/2009	0.0065	-	-	-
cis-1,2-Dichloroethene	Pond North	7/30/2009	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	12/17/2009	0.011 J	-	-	-
cis-1,2-Dichloroethene	Pond North	8/4/2010	0.005 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	8/4/2010	0.005 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	10/28/2010	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	4/20/2011	0.026	-	-	-
cis-1,2-Dichloroethene	Pond North	7/28/2011	0.001 U	-	-	detection frequency

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cis-1,2-Dichloroethene	Pond North	7/28/2011	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	10/6/2011	0.0089	-	-	-
cis-1,2-Dichloroethene	Pond North	5/16/2012	0.022	-	-	-
cis-1,2-Dichloroethene	Pond North	5/16/2012	0.019	-	-	-
cis-1,2-Dichloroethene	Pond North	8/2/2012	0.0015	-	-	-
cis-1,2-Dichloroethene	Pond North	8/2/2012	0.0014	-	-	-
cis-1,2-Dichloroethene	Pond North	10/16/2012	0.035	-	-	-
cis-1,2-Dichloroethene	Pond North	4/12/2013	0.013	-	-	-
cis-1,2-Dichloroethene	Pond North	7/17/2013	0.032	-	-	-
cis-1,2-Dichloroethene	Pond North	7/17/2013	0.032	-	-	-
cis-1,2-Dichloroethene	Pond North	10/29/2013	0.001 U	-	-	detection frequency
cis-1,2-Dichloroethene	Pond North	4/16/2014	0.11	-	-	-
cis-1,2-Dichloroethene	Pond North	7/17/2014	0.25	-	-	-
cis-1,2-Dichloroethene	Pond North	10/29/2014	0.31	-	-	-
cis-1,2-Dichloroethene	Pond North	4/27/2015	0.26	-	-	-
cis-1,2-Dichloroethene	Pond North	7/10/2015	0.093	-	-	-
cis-1,2-Dichloroethene	Pond North	10/20/2015	0.035	-	-	-
cis-1,2-Dichloroethene	Pond North	4/22/2016	0.12	-	-	-
cis-1,2-Dichloroethene	Pond North	7/19/2016	0.09	-	-	-
cis-1,2-Dichloroethene	Pond North	7/19/2016	0.081	-	-	-
cis-1,2-Dichloroethene	Pond North	10/24/2016	0.5	-	-	-
cis-1,2-Dichloroethene	Pond North	4/18/2017	0.21	-	-	-
cis-1,2-Dichloroethene	Pond North	4/18/2017	0.2	-	-	-
cis-1,2-Dichloroethene	Pond North	7/12/2017	0.11	-	-	-
cis-1,2-Dichloroethene	Pond North	7/12/2017	0.1	-	-	-
cis-1,2-Dichloroethene	Pond North	10/19/2017	0.35	-	-	-
cis-1,2-Dichloroethene	Pond North	4/9/2018	0.21	-	-	-
cis-1,2-Dichloroethene	Pond North	4/9/2018	0.22	-	-	-
cis-1,2-Dichloroethene	Pond North	7/5/2018	0.16	-	-	-
cis-1,2-Dichloroethene	Pond North	10/9/2018	0.13	-	-	-
cis-1,2-Dichloroethene	Pond North	10/9/2018	0.13	-	-	-
cis-1,2-Dichloroethene	Pond North	04/25/2019	0.18	-	-	-
cis-1,2-Dichloroethene	Pond North	10/08/2019	0.1 / 0.1	-	-	-
cis-1,2-Dichloroethene	Pond North	05/05/2022	0.1 / 0.1	-	-	-
Vinyl chloride	MW-2	5/9/2007	0.001 U	-	-	-
Vinyl chloride	MW-2	7/10/2007	0.001 U	-	-	-
Vinyl chloride	MW-2	10/17/2007	0.001 U	-	-	-
Vinyl chloride	MW-2	6/25/2008	0.001 U	-	-	-
Vinyl chloride	MW-2	12/17/2009	0.001 U	-	-	-
Vinyl chloride	MW-2	10/28/2010	0.001 U	-	-	-
Vinyl chloride	MW-2	10/6/2011	0.001 U	-	-	-
Vinyl chloride	MW-2	10/16/2012	0.001 U	-	-	-
Vinyl chloride	MW-2	10/29/2013	0.001 U	-	-	-
Vinyl chloride	MW-2	10/29/2013	0.001 U	-	-	-
Vinyl chloride	MW-2	10/29/2014	0.001 U	-	-	-
Vinyl chloride	MW-2	10/19/2015	0.001 U	-	-	-
Vinyl chloride	MW-2	10/24/2016	0.001 U	-	-	-
Vinyl chloride	MW-2	10/17/2017	0.001 U	-	-	-
Vinyl chloride	MW-2	10/8/2018	0.001 U	-	-	-
Vinyl chloride	MW-2	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW-2	05/05/2022	0.001 U	-	-	-
Vinyl chloride	MW 3	2/1/2005	0.53	-	-	-
Vinyl chloride	MW 3	2/1/2005	0.56	-	-	-
Vinyl chloride	MW 3	10/18/2005	0.00027 J	-	-	-
Vinyl chloride	MW 3	1/31/2006	0.5 U	-	-	detection frequency
Vinyl chloride	MW 3	4/18/2006	0.83 U	-	-	detection frequency
Vinyl chloride	MW 3	4/18/2006	0.83 U	-	-	detection frequency
Vinyl chloride	MW 3	7/19/2006	0.63 U	-	-	detection frequency
Vinyl chloride	MW 3	7/19/2006	0.63 U	-	-	detection frequency
Vinyl chloride	MW 3	10/16/2006	0.069 J	-	-	-
Vinyl chloride	MW 3	1/24/2007	0.12 J	-	-	-
Vinyl chloride	MW 3	4/17/2007	0.16	-	-	-
Vinyl chloride	MW 3	4/17/2007	0.16	-	-	-
Vinyl chloride	MW 3	7/11/2007	1 U	-	-	detection frequency
Vinyl chloride	MW 3	10/16/2007	0.65	-	-	-
Vinyl chloride	MW 3	2/18/2008	2	yes	-	-
Vinyl chloride	MW 3	6/30/2008	0.95 J	-	-	-
Vinyl chloride	MW 3	6/30/2008	1 J	-	-	-
Vinyl chloride	MW 3	12/4/2008	0.2 J	-	-	-
Vinyl chloride	MW 3	4/30/2009	0.39 J	-	-	-
Vinyl chloride	MW 3	12/15/2009	0.34	-	-	-
Vinyl chloride	MW 3	12/15/2009	0.4	-	-	-
Vinyl chloride	MW 3	10/28/2010	0.103	-	-	-
Vinyl chloride	MW 3	10/28/2010	0.0785	-	-	-
Vinyl chloride	MW 3	4/18/2011	0.35 J	-	-	-
Vinyl chloride	MW 3	10/5/2011	0.12 J	-	-	-
Vinyl chloride	MW 3	5/16/2012	0.33 U	-	-	detection frequency
Vinyl chloride	MW 3	10/15/2012	0.29	-	-	-
Vinyl chloride	MW 3	4/9/2013	0.5 U	-	-	detection frequency
Vinyl chloride	MW 3	10/24/2013	0.077 J	-	-	-
Vinyl chloride	MW 3	10/24/2013	0.082 J	-	-	-
Vinyl chloride	MW 3	4/15/2014	0.33 U	-	-	detection frequency
Vinyl chloride	MW 3	10/23/2014	0.055 J	-	-	-
Vinyl chloride	MW 3	4/28/2015	0.33 U	-	-	detection frequency
Vinyl chloride	MW 3	10/14/2015	0.062 J	-	-	-
Vinyl chloride	MW 3	4/20/2016	0.5 U	-	-	detection frequency
Vinyl chloride	MW 3	10/25/2016	0.25 U	-	-	detection frequency
Vinyl chloride	MW 3	4/18/2017	0.25 U	-	-	detection frequency
Vinyl chloride	MW 3	10/12/2017	0.1 U	-	-	detection frequency
Vinyl chloride	MW 3	4/11/2018	0.5 U	-	-	-
Vinyl chloride	MW 3	10/3/2018	0.25 U	-	-	-
Vinyl chloride	MW 3	04/25/2019	0.2 U	-	-	-
Vinyl chloride	MW 3	11/03/2020	0.026	-	-	-
Vinyl chloride	MW 3	04/28/2022	0.4 U / 0.4 U	-	-	-
Vinyl chloride	MW-4	1/11/2005	0.99	-	-	-
Vinyl chloride	MW-4	10/19/2005	2.1	-	-	-
Vinyl chloride	MW-4	2/1/2006	1.7	-	-	-
Vinyl chloride	MW-4	4/18/2006	0.52	-	-	-
Vinyl chloride	MW-4	7/18/2006	0.9	-	-	-
Vinyl chloride	MW-4	10/17/2006	1.3	-	-	-

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Vinyl chloride	MW-4	1/24/2007	0.64	-	-	-
Vinyl chloride	MW-4	4/16/2007	0.98	-	-	-
Vinyl chloride	MW-4	7/10/2007	1.1	-	-	-
Vinyl chloride	MW-4	7/10/2007	1.1	-	-	-
Vinyl chloride	MW-4	10/17/2007	0.84	-	-	-
Vinyl chloride	MW-4	10/17/2007	0.98	-	-	-
Vinyl chloride	MW-4	2/18/2008	1.6	-	-	-
Vinyl chloride	MW-4	6/25/2008	0.84	-	-	-
Vinyl chloride	MW-4	6/25/2008	1.2	-	-	-
Vinyl chloride	MW-4	12/3/2008	1.2	-	-	-
Vinyl chloride	MW-4	4/30/2009	0.84	-	-	-
Vinyl chloride	MW-4	4/30/2009	0.83	-	-	-
Vinyl chloride	MW-4	12/16/2009	1.2	-	-	-
Vinyl chloride	MW-4	12/16/2009	0.97	-	-	-
Vinyl chloride	MW-4	10/28/2010	0.655	-	-	-
Vinyl chloride	MW-4	4/20/2011	0.77	-	-	-
Vinyl chloride	MW-4	4/20/2011	0.73	-	-	-
Vinyl chloride	MW-4	10/6/2011	0.72	-	-	-
Vinyl chloride	MW-4	5/16/2012	0.71	-	-	-
Vinyl chloride	MW-4	10/16/2012	0.38 J	-	-	-
Vinyl chloride	MW-4	4/12/2013	0.44	-	-	-
Vinyl chloride	MW-4	10/29/2013	0.43	-	-	-
Vinyl chloride	MW-4	4/16/2014	0.57	-	-	-
Vinyl chloride	MW-4	4/16/2014	0.58	-	-	-
Vinyl chloride	MW-4	10/29/2014	0.41 J	-	-	-
Vinyl chloride	MW-4	4/27/2015	0.42 J	-	-	-
Vinyl chloride	MW-4	10/19/2015	0.47	-	-	-
Vinyl chloride	MW-4	4/22/2016	0.53	-	-	-
Vinyl chloride	MW-4	10/24/2016	0.63	-	-	-
Vinyl chloride	MW-4	4/18/2017	0.84	-	-	-
Vinyl chloride	MW-4	10/17/2017	0.73	-	-	-
Vinyl chloride	MW-4	10/17/2017	0.66	-	-	-
Vinyl chloride	MW-4	4/12/2018	0.68	-	-	-
Vinyl chloride	MW-4	4/12/2018	0.65	-	-	-
Vinyl chloride	MW-4	10/8/2018	0.68	-	-	-
Vinyl chloride	MW-4	04/25/2019	0.5	-	-	-
Vinyl chloride	MW-4	11/03/2020	0.56	-	-	-
Vinyl chloride	MW-4	05/04/2022	0.38 / 0.35	-	-	-
Vinyl chloride	MW-7	10/29/2014	0.001 U	-	-	-
Vinyl chloride	MW-7	10/18/2017	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW-7	10/9/2018	0.001 U	-	-	-
Vinyl chloride	MW-7	10/9/2018	0.001 U	-	-	-
Vinyl chloride	MW-7	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW-7	05/04/2022	0.001 U	-	-	-
Vinyl chloride	MW 8	2/2/2005	6.9	yes	-	-
Vinyl chloride	MW 8	10/17/2005	1.3	-	-	-
Vinyl chloride	MW 8	10/17/2005	1.3	-	-	-
Vinyl chloride	MW 8	2/1/2006	2.1	-	-	-
Vinyl chloride	MW 8	4/17/2006	1.7	-	-	-
Vinyl chloride	MW 8	7/18/2006	1.7	-	-	-
Vinyl chloride	MW 8	10/16/2006	1.4	-	-	-
Vinyl chloride	MW 8	1/23/2007	1.7	-	-	-
Vinyl chloride	MW 8	4/16/2007	2.1	-	-	-
Vinyl chloride	MW 8	7/10/2007	2.3	-	-	-
Vinyl chloride	MW 8	10/15/2007	2.4	-	-	-
Vinyl chloride	MW 8	6/27/2008	5.5	yes	-	-
Vinyl chloride	MW 8	12/15/2009	0.027	-	-	-
Vinyl chloride	MW 8	10/27/2010	1.73	-	-	-
Vinyl chloride	MW 8	4/18/2011	2.4	-	-	-
Vinyl chloride	MW 8	10/5/2011	1.7	-	-	-
Vinyl chloride	MW 8	5/15/2012	1.6	-	-	-
Vinyl chloride	MW 8	5/15/2012	1.5	-	-	-
Vinyl chloride	MW 8	10/15/2012	1.4	-	-	-
Vinyl chloride	MW 8	4/9/2013	1.5	-	-	-
Vinyl chloride	MW 8	10/24/2013	1.4	-	-	-
Vinyl chloride	MW 8	4/15/2014	2.8	-	-	-
Vinyl chloride	MW 8	10/23/2014	1.7	-	-	-
Vinyl chloride	MW 8	4/28/2015	1.9	-	-	-
Vinyl chloride	MW 8	10/14/2015	1.5	-	-	-
Vinyl chloride	MW 8	4/20/2016	2.1	-	-	-
Vinyl chloride	MW 8	4/20/2016	2	-	-	-
Vinyl chloride	MW 8	10/21/2016	1.3	-	-	-
Vinyl chloride	MW 8	4/18/2017	1.6	-	-	-
Vinyl chloride	MW 8	10/12/2017	1.3	-	-	-
Vinyl chloride	MW 8	4/10/2018	0.62	-	-	-
Vinyl chloride	MW 8	10/2/2018	0.64	-	-	-
Vinyl chloride	MW 8	04/25/2019	0.87	-	-	-
Vinyl chloride	MW 8	11/03/2020	0.71	-	-	-
Vinyl chloride	MW 8	04/29/2022	0.32	-	-	-
Vinyl chloride	MW 12	2/2/2005	0.01 U	-	-	-
Vinyl chloride	MW 12	10/19/2005	0.0014 U	-	-	-
Vinyl chloride	MW 12	10/19/2005	0.0014 U	-	-	-
Vinyl chloride	MW 12	1/31/2006	0.05 U	-	-	-
Vinyl chloride	MW 12	4/18/2006	0.031 U	-	-	-
Vinyl chloride	MW 12	7/18/2006	0.025 U	-	-	-
Vinyl chloride	MW 12	7/18/2006	0.025 U	-	-	-
Vinyl chloride	MW 12	10/19/2006	0.042 U	-	-	-
Vinyl chloride	MW 12	1/22/2007	0.025 U	-	-	-
Vinyl chloride	MW 12	4/18/2007	0.017 U	-	-	-
Vinyl chloride	MW 12	7/11/2007	0.00072 J	-	-	-
Vinyl chloride	MW 12	10/19/2007	0.039 U	-	-	-
Vinyl chloride	MW 12	6/27/2008	0.031 U	-	-	-
Vinyl chloride	MW 12	12/5/2008	0.025 U	-	-	-
Vinyl chloride	MW 12	4/29/2009	0.025 U	-	-	-
Vinyl chloride	MW 12	12/9/2009	0.013 U	-	-	-
Vinyl chloride	MW 12	10/26/2010	0.002 U	-	-	-
Vinyl chloride	MW 12	4/20/2011	0.011 U	-	-	-
Vinyl chloride	MW 12	10/5/2011	0.011 U	-	-	-
Vinyl chloride	MW 12	5/15/2012	0.0091 U	-	-	-
Vinyl chloride	MW 12	10/11/2012	0.0067 U	-	-	-
Vinyl chloride	MW 12	4/9/2013	0.01 U	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Vinyl chloride	MW 12	10/23/2013	0.0077 U	-	-	-
Vinyl chloride	MW 12	4/11/2014	0.0057 U	-	-	-
Vinyl chloride	MW 12	10/24/2014	0.0057 U	-	-	-
Vinyl chloride	MW 12	10/24/2014	0.0050 U	-	-	-
Vinyl chloride	MW 12	4/27/2015	0.0057 U	-	-	-
Vinyl chloride	MW 12	10/9/2015	0.005 U	-	-	-
Vinyl chloride	MW 12	4/21/2016	0.005 U	-	-	-
Vinyl chloride	MW 12	10/25/2016	0.005 U	-	-	-
Vinyl chloride	MW 12	4/19/2017	0.0025 U	-	-	-
Vinyl chloride	MW 12	10/6/2017	0.0033 U	-	-	-
Vinyl chloride	MW 12	4/11/2018	0.0067 U	-	-	-
Vinyl chloride	MW 12	10/4/2018	0.005 U	-	-	-
Vinyl chloride	MW 12	04/25/2019	0.0033 U	-	-	-
Vinyl chloride	MW 12	11/03/2020	0.0005 J	-	-	-
Vinyl chloride	MW 12	05/03/2022	0.001 U	-	-	-
Vinyl chloride	MW 14	2/2/2005	0.41	-	-	-
Vinyl chloride	MW 14	10/17/2005	0.4	-	-	-
Vinyl chloride	MW 14	2/1/2006	0.37 J	-	-	-
Vinyl chloride	MW 14	4/18/2006	0.22 J	-	-	-
Vinyl chloride	MW 14	7/19/2006	0.26	-	-	-
Vinyl chloride	MW 14	10/18/2006	0.24 J	-	-	-
Vinyl chloride	MW 14	1/24/2007	0.31	-	-	-
Vinyl chloride	MW 14	4/17/2007	0.39	-	-	-
Vinyl chloride	MW 14	7/9/2007	0.38	-	-	-
Vinyl chloride	MW 14	10/16/2007	0.51	-	-	-
Vinyl chloride	MW 14	6/30/2008	0.49 J	-	-	-
Vinyl chloride	MW 14	12/5/2008	0.29 J	-	-	-
Vinyl chloride	MW 14	4/29/2009	0.44	-	-	-
Vinyl chloride	MW 14	12/15/2009	0.0087 J	-	-	-
Vinyl chloride	MW 14	10/27/2010	0.228	-	-	-
Vinyl chloride	MW 14	4/18/2011	0.23	-	-	-
Vinyl chloride	MW 14	10/5/2011	0.19 J	-	-	-
Vinyl chloride	MW 14	5/15/2012	0.2	-	-	-
Vinyl chloride	MW 14	10/15/2012	0.2	-	-	-
Vinyl chloride	MW 14	4/9/2013	0.18	-	-	-
Vinyl chloride	MW 14	4/9/2013	0.19	-	-	-
Vinyl chloride	MW 14	10/25/2013	0.22 J	-	-	-
Vinyl chloride	MW 14	10/25/2013	0.25	-	-	-
Vinyl chloride	MW 14	4/15/2014	0.25	-	-	-
Vinyl chloride	MW 14	4/15/2014	0.23	-	-	-
Vinyl chloride	MW 14	10/24/2014	0.14 J	-	-	-
Vinyl chloride	MW 14	4/29/2015	0.15 J	-	-	-
Vinyl chloride	MW 14	4/29/2015	0.15 J	-	-	-
Vinyl chloride	MW 14	10/12/2015	0.14 J	-	-	-
Vinyl chloride	MW 14	4/19/2016	0.14 J	-	-	-
Vinyl chloride	MW 14	10/25/2016	0.12 J	-	-	-
Vinyl chloride	MW 14	4/18/2017	0.13	-	-	-
Vinyl chloride	MW 14	4/18/2017	0.13	-	-	-
Vinyl chloride	MW 14	10/13/2017	0.15 J	-	-	-
Vinyl chloride	MW 14	10/13/2017	0.15 J	-	-	-
Vinyl chloride	MW 14	4/10/2018	0.11 J	-	-	-
Vinyl chloride	MW 14	10/3/2018	0.13 J	-	-	-
Vinyl chloride	MW 14	04/25/2019	0.1 J	-	-	-
Vinyl chloride	MW 14	11/03/2020	0.13	-	-	-
Vinyl chloride	MW 14	04/27/2022	0.13 / 0.12 J	-	-	-
Vinyl chloride	MW 15	2/1/2005	1.2	-	-	-
Vinyl chloride	MW 15	10/18/2005	1.4	-	-	-
Vinyl chloride	MW 15	2/1/2006	1.1	-	-	-
Vinyl chloride	MW 15	4/18/2006	0.62	-	-	-
Vinyl chloride	MW 15	7/19/2006	1.2	-	-	-
Vinyl chloride	MW 15	10/17/2006	0.83	-	-	-
Vinyl chloride	MW 15	1/24/2007	1.7	-	-	-
Vinyl chloride	MW 15	4/17/2007	1.2	-	-	-
Vinyl chloride	MW 15	7/10/2007	1.4	-	-	-
Vinyl chloride	MW 15	7/10/2007	1.5	-	-	-
Vinyl chloride	MW 15	10/16/2007	1.3	-	-	-
Vinyl chloride	MW 15	2/14/2008	1.2 J	-	-	-
Vinyl chloride	MW 15	10/24/2013	0.56	-	-	-
Vinyl chloride	MW 15	10/23/2014	0.5 U	-	-	-
Vinyl chloride	MW 15	10/14/2015	0.094 J	-	-	-
Vinyl chloride	MW 15	10/21/2016	0.1 U	-	-	-
Vinyl chloride	MW 15	10/11/2017	0.052 J	-	-	-
Vinyl chloride	MW 15	10/2/2018	0.063 J	-	-	-
Vinyl chloride	MW 15	11/03/2020	0.041	-	-	-
Vinyl chloride	MW 15	04/28/2022	0.4 U	-	-	-
Vinyl chloride	MW 16	1/17/2005	0.001 U	-	-	-
Vinyl chloride	MW 16	11/14/2013	0.001 U	-	-	-
Vinyl chloride	MW 16	4/10/2014	0.001 U	-	-	-
Vinyl chloride	MW 16	10/12/2015	0.001 U	-	-	-
Vinyl chloride	MW 16	10/23/2016	0.001 U	-	-	-
Vinyl chloride	MW 16	10/12/2017	0.03	-	-	-
Vinyl chloride	MW 16	10/3/2018	0.22	-	-	-
Vinyl chloride	MW 16	10/08/2019	0.63 U	-	-	-
Vinyl chloride	MW 16	11/03/2020	0.019	-	-	-
Vinyl chloride	MW 16	04/28/2022	0.1 U	-	-	-
Vinyl chloride	MW 21	2/1/2005	0.001 U	-	-	-
Vinyl chloride	MW 21	10/17/2005	0.001 U	-	-	-
Vinyl chloride	MW 21	2/1/2006	0.001 U	-	-	-
Vinyl chloride	MW 21	4/17/2006	0.001 U	-	-	-
Vinyl chloride	MW 21	7/18/2006	0.001 U	-	-	-
Vinyl chloride	MW 21	10/16/2006	0.001 U	-	-	-
Vinyl chloride	MW 21	1/23/2007	0.001 U	-	-	-
Vinyl chloride	MW 21	4/16/2007	0.001 U	-	-	-
Vinyl chloride	MW 21	7/9/2007	0.001 U	-	-	-
Vinyl chloride	MW 21	10/15/2007	0.001 U	-	-	-
Vinyl chloride	MW 21	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 21	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 21	10/18/2017	0.001 U	-	-	-
Vinyl chloride	MW 21	10/3/2018	0.001 U	-	-	-
Vinyl chloride	MW 21	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 21	04/29/2022	0.001 U	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Vinyl chloride	MW 28	10/18/2005	0.1	-	-	-
Vinyl chloride	MW 28	10/19/2006	0.071	-	-	-
Vinyl chloride	MW 28	10/18/2007	0.093	-	-	-
Vinyl chloride	MW 28	6/24/2008	0.077	-	-	-
Vinyl chloride	MW 28	12/4/2008	0.057	-	-	-
Vinyl chloride	MW 28	4/29/2009	0.1	-	-	-
Vinyl chloride	MW 28	12/4/2009	0.17	-	-	-
Vinyl chloride	MW 28	10/26/2010	0.0822	-	-	-
Vinyl chloride	MW 28	4/19/2011	0.062	-	-	-
Vinyl chloride	MW 28	10/3/2011	0.078	-	-	-
Vinyl chloride	MW 28	5/14/2012	0.089	-	-	-
Vinyl chloride	MW 28	10/10/2012	0.093	-	-	-
Vinyl chloride	MW 28	4/10/2013	0.17	-	-	-
Vinyl chloride	MW 28	10/23/2013	0.14	-	-	-
Vinyl chloride	MW 28	4/15/2014	0.22	-	-	-
Vinyl chloride	MW 28	4/15/2014	0.21	-	-	-
Vinyl chloride	MW 28	10/27/2014	0.14	-	-	-
Vinyl chloride	MW 28	4/29/2015	0.13	-	-	-
Vinyl chloride	MW 28	10/12/2015	0.21	-	-	-
Vinyl chloride	MW 28	4/19/2016	0.15	-	-	-
Vinyl chloride	MW 28	10/22/2016	0.19	-	-	-
Vinyl chloride	MW 28	4/19/2017	0.18	-	-	-
Vinyl chloride	MW 28	10/9/2017	0.2	-	-	-
Vinyl chloride	MW 28	4/12/2018	0.17	-	-	-
Vinyl chloride	MW 28	10/4/2018	0.15	-	-	-
Vinyl chloride	MW 28	10/4/2018	0.16	-	-	-
Vinyl chloride	MW 28	04/25/2019	0.13	-	-	-
Vinyl chloride	MW 28	11/03/2020	0.18	-	-	-
Vinyl chloride	MW 28	04/26/2022	0.22	-	-	-
Vinyl chloride	MW 31R	10/18/2005	13	-	-	-
Vinyl chloride	MW 31R	1/31/2006	6	-	-	-
Vinyl chloride	MW 31R	4/19/2006	2.8	-	-	-
Vinyl chloride	MW 31R	7/19/2006	9.8	-	-	-
Vinyl chloride	MW 31R	10/17/2006	7.6	-	-	-
Vinyl chloride	MW 31R	10/17/2006	7.2	-	-	-
Vinyl chloride	MW 31R	1/23/2007	5.9	-	-	-
Vinyl chloride	MW 31R	1/23/2007	6.2	-	-	-
Vinyl chloride	MW 31R	4/17/2007	2.4	-	-	-
Vinyl chloride	MW 31R	7/11/2007	6.6	-	-	-
Vinyl chloride	MW 31R	10/17/2007	6.2	-	-	-
Vinyl chloride	MW 31R	2/14/2008	5	-	-	-
Vinyl chloride	MW 31R	2/14/2008	5.3	-	-	-
Vinyl chloride	MW 31R	12/4/2008	3.2	-	-	-
Vinyl chloride	MW 31R	4/29/2009	1.5	-	-	-
Vinyl chloride	MW 31R	12/15/2009	0.7	-	-	-
Vinyl chloride	MW 31R	10/28/2010	1.57	-	-	-
Vinyl chloride	MW 31R	4/18/2011	0.64	-	-	-
Vinyl chloride	MW 31R	10/4/2011	1.2	-	-	-
Vinyl chloride	MW 31R	5/15/2012	2.3	-	-	-
Vinyl chloride	MW 31R	10/15/2012	1.3	-	-	-
Vinyl chloride	MW 31R	4/9/2013	1.3	-	-	-
Vinyl chloride	MW 31R	10/24/2013	1.6	-	-	-
Vinyl chloride	MW 31R	4/15/2014	1.1	-	-	-
Vinyl chloride	MW 31R	10/27/2014	1	-	-	-
Vinyl chloride	MW 31R	4/28/2015	0.63	-	-	-
Vinyl chloride	MW 31R	10/14/2015	1.7	-	-	-
Vinyl chloride	MW 31R	4/20/2016	1.5	-	-	-
Vinyl chloride	MW 31R	10/21/2016	3.4	-	-	-
Vinyl chloride	MW 31R	10/21/2016	3.4	-	-	-
Vinyl chloride	MW 31R	4/19/2017	2	-	-	-
Vinyl chloride	MW 31R	10/12/2017	9	-	-	-
Vinyl chloride	MW 31R	4/10/2018	1.1	-	-	-
Vinyl chloride	MW 31R	10/2/2018	2.4	-	-	-
Vinyl chloride	MW 31R	10/2/2018	2.1	-	-	-
Vinyl chloride	MW 31R	04/25/2019	5.7	-	-	-
Vinyl chloride	MW 31R	11/03/2020	3.5	-	-	-
Vinyl chloride	MW 31R	04/28/2022	6.7	-	-	-
Vinyl chloride	MW 37	1/18/2005	0.001 U	-	-	-
Vinyl chloride	MW 37	1/18/2005	0.001 U	-	-	-
Vinyl chloride	MW 37	10/17/2007	0.001 U	-	-	-
Vinyl chloride	MW 37	6/26/2008	0.001 U	-	-	-
Vinyl chloride	MW 37	12/16/2009	0.001 U	-	-	-
Vinyl chloride	MW 37	10/27/2010	0.001 U	-	-	-
Vinyl chloride	MW 37	10/5/2011	0.001 U	-	-	-
Vinyl chloride	MW 37	10/17/2012	0.001 U	-	-	-
Vinyl chloride	MW 37	10/17/2012	0.001 U	-	-	-
Vinyl chloride	MW 37	10/25/2013	0.001 U	-	-	-
Vinyl chloride	MW 37	10/22/2014	0.001 U	-	-	-
Vinyl chloride	MW 37	10/9/2015	0.001 U	-	-	-
Vinyl chloride	MW 37	10/23/2016	0.001 U	-	-	-
Vinyl chloride	MW 37	10/16/2017	0.001 U	-	-	-
Vinyl chloride	MW 37	10/5/2018	0.001 U	-	-	-
Vinyl chloride	MW 37	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 37	05/02/2022	0.001 U	-	-	-
Vinyl chloride	MW 40	1/12/2005	0.49	-	-	-
Vinyl chloride	MW 40	10/18/2005	1.4	-	-	-
Vinyl chloride	MW 40	1/30/2006	0.76	-	-	-
Vinyl chloride	MW 40	4/17/2006	0.43 J	-	-	-
Vinyl chloride	MW 40	7/19/2006	1	-	-	-
Vinyl chloride	MW 40	10/18/2006	0.84	-	-	-
Vinyl chloride	MW 40	1/23/2007	1.1	-	-	-
Vinyl chloride	MW 40	4/18/2007	0.89	-	-	-
Vinyl chloride	MW 40	7/10/2007	0.97	-	-	-
Vinyl chloride	MW 40	10/18/2007	1.3	-	-	-
Vinyl chloride	MW 40	2/15/2008	2.1	-	-	-
Vinyl chloride	MW 40	6/26/2008	1.2	-	-	-
Vinyl chloride	MW 40	12/3/2008	1.5	-	-	-
Vinyl chloride	MW 40	12/3/2008	1.7	-	-	-
Vinyl chloride	MW 40	4/30/2009	2.1	-	-	-
Vinyl chloride	MW 40	12/9/2009	2.1	-	-	-
Vinyl chloride	MW 40	10/26/2010	1.18	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Vinyl chloride	MW 40	4/19/2011	0.99	-	-	-
Vinyl chloride	MW 40	10/4/2011	0.99	-	-	-
Vinyl chloride	MW 40	5/14/2012	0.94	-	-	-
Vinyl chloride	MW 40	10/10/2012	0.65	-	-	-
Vinyl chloride	MW 40	4/9/2013	0.99	-	-	-
Vinyl chloride	MW 40	10/24/2013	1.2	-	-	-
Vinyl chloride	MW 40	4/14/2014	1.1	-	-	-
Vinyl chloride	MW 40	10/27/2014	0.5	-	-	-
Vinyl chloride	MW 40	4/28/2015	0.43	-	-	-
Vinyl chloride	MW 40	10/13/2015	0.44	-	-	-
Vinyl chloride	MW 40	4/19/2016	0.36	-	-	-
Vinyl chloride	MW 40	10/20/2016	0.31	-	-	-
Vinyl chloride	MW 40	4/19/2017	0.26	-	-	-
Vinyl chloride	MW 40	10/10/2017	0.17	-	-	-
Vinyl chloride	MW 40	10/10/2017	0.18	-	-	-
Vinyl chloride	MW 40	4/13/2018	0.18 J	-	-	-
Vinyl chloride	MW 40	10/3/2018	0.22	-	-	-
Vinyl chloride	MW 40	04/25/2019	0.24	-	-	-
Vinyl chloride	MW 40	11/03/2020	0.22	-	-	-
Vinyl chloride	MW 40	04/26/2022	0.28	-	-	-
Vinyl chloride	MW 41	10/17/2005	0.14 J	-	-	-
Vinyl chloride	MW 41	1/30/2006	0.28 J	-	-	-
Vinyl chloride	MW 41	4/17/2006	0.14 J	-	-	-
Vinyl chloride	MW 41	4/17/2006	0.13 J	-	-	-
Vinyl chloride	MW 41	7/18/2006	0.26 J	-	-	-
Vinyl chloride	MW 41	10/18/2006	0.19 J	-	-	-
Vinyl chloride	MW 41	1/23/2007	0.23 J	-	-	-
Vinyl chloride	MW 41	4/18/2007	0.29	-	-	-
Vinyl chloride	MW 41	4/18/2007	0.27	-	-	-
Vinyl chloride	MW 41	7/10/2007	0.33 J	-	-	-
Vinyl chloride	MW 41	10/18/2007	0.4 J	-	-	-
Vinyl chloride	MW 41	2/15/2008	0.38 J	-	-	-
Vinyl chloride	MW 41	6/24/2008	0.22 J	-	-	-
Vinyl chloride	MW 41	12/3/2008	0.36 J	-	-	-
Vinyl chloride	MW 41	4/28/2009	0.4 J	-	-	-
Vinyl chloride	MW 41	12/3/2009	0.39	-	-	-
Vinyl chloride	MW 41	10/25/2010	0.256	-	-	-
Vinyl chloride	MW 41	4/19/2011	0.3	-	-	-
Vinyl chloride	MW 41	10/4/2011	0.51	-	-	-
Vinyl chloride	MW 41	5/14/2012	0.61	-	-	-
Vinyl chloride	MW 41	10/10/2012	0.66	-	-	-
Vinyl chloride	MW 41	4/9/2013	0.61	-	-	-
Vinyl chloride	MW 41	10/25/2013	0.55	-	-	-
Vinyl chloride	MW 41	4/14/2014	0.73	-	-	-
Vinyl chloride	MW 41	10/23/2014	0.54 J	-	-	-
Vinyl chloride	MW 41	4/29/2015	0.46	-	-	-
Vinyl chloride	MW 41	10/12/2015	0.39	-	-	-
Vinyl chloride	MW 41	10/12/2015	0.39	-	-	-
Vinyl chloride	MW 41	4/19/2016	0.45	-	-	-
Vinyl chloride	MW 41	10/23/2016	0.35	-	-	-
Vinyl chloride	MW 41	4/19/2017	0.44	-	-	-
Vinyl chloride	MW 41	10/9/2017	0.38	-	-	-
Vinyl chloride	MW 41	4/13/2018	0.3 J	-	-	-
Vinyl chloride	MW 41	10/4/2018	0.21 J	-	-	-
Vinyl chloride	MW 41	04/25/2019	0.35	-	-	-
Vinyl chloride	MW 41	04/25/2019	0.34	-	-	-
Vinyl chloride	MW 41	11/03/2020	0.24	-	-	-
Vinyl chloride	MW 41	04/26/2022	0.16	-	-	-
Vinyl chloride	MW 42	10/18/2005	0.25 J	-	-	-
Vinyl chloride	MW 42	1/30/2006	0.15 J	-	-	-
Vinyl chloride	MW 42	1/30/2006	0.18 J	-	-	-
Vinyl chloride	MW 42	4/17/2006	0.089 J	-	-	-
Vinyl chloride	MW 42	7/18/2006	0.13 J	-	-	-
Vinyl chloride	MW 42	10/18/2006	0.084 J	-	-	-
Vinyl chloride	MW 42	1/23/2007	0.5 U	-	-	-
Vinyl chloride	MW 42	1/23/2007	0.5 U	-	-	-
Vinyl chloride	MW 42	4/18/2007	0.12	-	-	-
Vinyl chloride	MW 42	7/10/2007	0.13 J	-	-	-
Vinyl chloride	MW 42	10/18/2007	0.11 J	-	-	-
Vinyl chloride	MW 42	2/15/2008	0.13 J	-	-	-
Vinyl chloride	MW 42	6/24/2008	0.13 J	-	-	-
Vinyl chloride	MW 42	12/3/2008	0.18 J	-	-	-
Vinyl chloride	MW 42	4/28/2009	0.21 J	-	-	-
Vinyl chloride	MW 42	12/3/2009	0.2 J	-	-	-
Vinyl chloride	MW 42	10/25/2010	0.128	-	-	-
Vinyl chloride	MW 42	4/19/2011	0.17	-	-	-
Vinyl chloride	MW 42	10/4/2011	0.13 J	-	-	-
Vinyl chloride	MW 42	5/14/2012	0.11 J	-	-	-
Vinyl chloride	MW 42	10/10/2012	0.1 J	-	-	-
Vinyl chloride	MW 42	4/9/2013	0.14 J	-	-	-
Vinyl chloride	MW 42	10/25/2013	0.12 J	-	-	-
Vinyl chloride	MW 42	4/14/2014	0.18	-	-	-
Vinyl chloride	MW 42	10/23/2014	0.12 J	-	-	-
Vinyl chloride	MW 42	4/29/2015	0.13 J	-	-	-
Vinyl chloride	MW 42	10/12/2015	0.14 J	-	-	-
Vinyl chloride	MW 42	4/19/2016	0.092 J	-	-	-
Vinyl chloride	MW 42	10/23/2016	0.1 J	-	-	-
Vinyl chloride	MW 42	4/19/2017	0.22	-	-	-
Vinyl chloride	MW 42	10/9/2017	0.26	-	-	-
Vinyl chloride	MW 42	4/13/2018	0.11 J	-	-	-
Vinyl chloride	MW 42	10/4/2018	0.2 U	-	-	-
Vinyl chloride	MW 42	04/25/2019	0.087 J	-	-	-
Vinyl chloride	MW 42	11/03/2020	0.22	-	-	-
Vinyl chloride	MW 42	04/26/2022	0.052 J	-	-	-
Vinyl chloride	MW 46	1/12/2005	0.001 U	-	-	-
Vinyl chloride	MW 46	10/19/2007	0.001 U	-	-	-
Vinyl chloride	MW 46	10/19/2007	0.001 U	-	-	-
Vinyl chloride	MW 46	6/27/2008	0.001 U	-	-	-
Vinyl chloride	MW 46	12/16/2009	0.001 U	-	-	-
Vinyl chloride	MW 46	10/26/2010	0.002 U	-	-	-
Vinyl chloride	MW 46	10/5/2011	0.001 U	-	-	-

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Vinyl chloride	MW 46	10/17/2012	0.001 U	-	-	-
Vinyl chloride	MW 46	10/25/2013	0.001 U	-	-	-
Vinyl chloride	MW 46	10/22/2014	0.001 U	-	-	-
Vinyl chloride	MW 46	10/9/2015	0.001 U	-	-	-
Vinyl chloride	MW 46	10/23/2016	0.001 U	-	-	-
Vinyl chloride	MW 46	10/16/2017	0.001 U	-	-	-
Vinyl chloride	MW 46	10/5/2018	0.001 U	-	-	-
Vinyl chloride	MW 46	10/08/2019	0.001 U	-	-	-
Vinyl chloride	MW 46	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 46	05/03/2022	0.001 U	-	-	-
Vinyl chloride	MW 49	1/12/2005	0.013	-	-	-
Vinyl chloride	MW 49	10/19/2007	0.085	-	-	-
Vinyl chloride	MW 49	2/15/2008	0.057	-	-	-
Vinyl chloride	MW 49	6/30/2008	0.066	-	-	-
Vinyl chloride	MW 49	12/5/2008	0.069	-	-	-
Vinyl chloride	MW 49	4/29/2009	0.045	-	-	-
Vinyl chloride	MW 49	12/4/2009	0.07	-	-	-
Vinyl chloride	MW 49	10/27/2010	0.0465	-	-	-
Vinyl chloride	MW 49	4/19/2011	0.022	-	-	-
Vinyl chloride	MW 49	10/5/2011	0.025	-	-	-
Vinyl chloride	MW 49	5/15/2012	0.025	-	-	-
Vinyl chloride	MW 49	10/17/2012	0.03 J	-	-	-
Vinyl chloride	MW 49	4/10/2013	0.027 J	-	-	-
Vinyl chloride	MW 49	10/25/2013	0.033	-	-	-
Vinyl chloride	MW 49	4/14/2014	0.013	-	-	-
Vinyl chloride	MW 49	10/27/2014	0.013 J	-	-	-
Vinyl chloride	MW 49	4/28/2015	0.033 U	-	high DL	-
Vinyl chloride	MW 49	10/13/2015	0.012 J	-	-	-
Vinyl chloride	MW 49	4/21/2016	0.011 J	-	-	-
Vinyl chloride	MW 49	4/11/2018	0.05 U	-	-	-
Vinyl chloride	MW 49	10/3/2018	0.04 U	-	-	-
Vinyl chloride	MW 49	04/25/2019	0.033 U	-	-	-
Vinyl chloride	MW 49	10/08/2019	0.05 U	-	-	-
Vinyl chloride	MW 49	10/08/2019	0.05 U	-	-	-
Vinyl chloride	MW 49	11/03/2020	0.033	-	-	-
Vinyl chloride	MW 49	05/02/2022	0.01 U	-	-	-
Vinyl chloride	MW 51	12/5/2008	0.017 U	-	-	detection frequency
Vinyl chloride	MW 51	12/5/2008	0.017 U	-	-	detection frequency
Vinyl chloride	MW 51	4/29/2009	0.011 U	-	-	detection frequency
Vinyl chloride	MW 51	12/14/2009	0.0083 U	-	-	detection frequency
Vinyl chloride	MW 51	10/27/2010	0.001 U	-	-	detection frequency
Vinyl chloride	MW 51	4/20/2011	0.0067 U	-	-	detection frequency
Vinyl chloride	MW 51	10/5/2011	0.0091 U	-	-	detection frequency
Vinyl chloride	MW 51	5/14/2012	0.0057 U	-	-	detection frequency
Vinyl chloride	MW 51	10/12/2012	0.0067 U	-	-	detection frequency
Vinyl chloride	MW 51	4/9/2013	0.003 J	-	-	-
Vinyl chloride	MW 51	10/23/2013	0.0029 J	-	-	-
Vinyl chloride	MW 51	4/16/2014	0.005 U	-	-	detection frequency
Vinyl chloride	MW 51	10/21/2014	0.0041 J	-	-	-
Vinyl chloride	MW 51	4/28/2015	0.0024 J	-	-	-
Vinyl chloride	MW 51	4/28/2015	0.0026 J	-	-	-
Vinyl chloride	MW 51	10/9/2015	0.0079	-	-	-
Vinyl chloride	MW 51	4/20/2016	0.0035 J	-	-	-
Vinyl chloride	MW 51	10/23/2016	0.0053 J	-	-	-
Vinyl chloride	MW 51	4/18/2017	0.0041	-	-	-
Vinyl chloride	MW 51	10/16/2017	0.0073	-	-	-
Vinyl chloride	MW 51	4/10/2018	0.0038	-	-	-
Vinyl chloride	MW 51	4/10/2018	0.0046	-	-	-
Vinyl chloride	MW 51	10/4/2018	0.0035 J	-	-	-
Vinyl chloride	MW 51	04/25/2019	0.0053 J	-	-	-
Vinyl chloride	MW 51	04/25/2019	0.0066	-	-	-
Vinyl chloride	MW 56	1/11/2005	0.001 U	-	-	-
Vinyl chloride	MW 56	10/19/2005	0.001 U	-	-	-
Vinyl chloride	MW 56	10/18/2006	0.001 U	-	-	-
Vinyl chloride	MW 56	10/18/2007	0.001 U	-	-	-
Vinyl chloride	MW 56	6/26/2008	0.001 U	-	-	-
Vinyl chloride	MW 56	12/17/2009	0.001 U	-	-	-
Vinyl chloride	MW 56	10/28/2010	0.001 U	-	-	-
Vinyl chloride	MW 56	10/6/2011	0.001 U	-	-	-
Vinyl chloride	MW 56	10/16/2012	0.001 U	-	-	-
Vinyl chloride	MW 56	10/29/2013	0.001 U	-	-	-
Vinyl chloride	MW 56	10/29/2014	0.001 U	-	-	-
Vinyl chloride	MW 56	10/29/2014	0.001 U	-	-	-
Vinyl chloride	MW 56	10/19/2015	0.001 U	-	-	-
Vinyl chloride	MW 56	10/24/2016	0.001 U	-	-	-
Vinyl chloride	MW 56	10/18/2017	0.001 U	-	-	-
Vinyl chloride	MW 56	10/5/2018	0.001 U	-	-	-
Vinyl chloride	MW 56	11/03/2020	0.00066J	-	-	-
Vinyl chloride	MW 56	05/05/2022	0.001 U	-	-	-
Vinyl chloride	MW 57	1/10/2005	0.001 U	-	-	-
Vinyl chloride	MW 57	10/19/2005	0.001 U	-	-	-
Vinyl chloride	MW 57	2/1/2006	0.001 U	-	-	-
Vinyl chloride	MW 57	4/18/2006	0.001 U	-	-	-
Vinyl chloride	MW 57	7/18/2006	0.001 U	-	-	-
Vinyl chloride	MW 57	10/17/2006	0.00083 J	-	-	-
Vinyl chloride	MW 57	1/24/2007	0.001 U	-	-	-
Vinyl chloride	MW 57	4/16/2007	0.001 U	-	-	-
Vinyl chloride	MW 57	7/10/2007	0.00018 J	-	-	-
Vinyl chloride	MW 57	10/17/2007	0.001 U	-	-	-
Vinyl chloride	MW 57	6/25/2008	0.001 U	-	-	-
Vinyl chloride	MW 57	12/16/2009	0.0016	-	-	-
Vinyl chloride	MW 57	10/28/2010	0.001 U	-	-	-
Vinyl chloride	MW 57	10/28/2010	0.001 U	-	-	-
Vinyl chloride	MW 57	10/6/2011	0.001 U	-	-	-
Vinyl chloride	MW 57	10/16/2012	0.0042	-	-	-
Vinyl chloride	MW 57	10/29/2013	0.0062	-	-	-
Vinyl chloride	MW 57	10/29/2014	0.013	-	-	-
Vinyl chloride	MW 57	10/19/2015	0.0037	-	-	-
Vinyl chloride	MW 57	10/24/2016	0.046	-	-	-
Vinyl chloride	MW 57	10/18/2017	0.096	-	-	-
Vinyl chloride	MW 57	10/8/2018	0.02	-	-	-

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Vinyl chloride	MW 57	11/03/2020	0.98	-	-	-
Vinyl chloride	MW 57	05/05/2022	0.73	-	-	-
Vinyl chloride	MW 58	1/10/2005	0.001 U	-	-	-
Vinyl chloride	MW 58	10/19/2005	0.001 U	-	-	-
Vinyl chloride	MW 58	10/17/2006	0.0013	-	-	-
Vinyl chloride	MW 58	10/17/2007	0.011	-	-	-
Vinyl chloride	MW 58	2/18/2008	0.016	-	-	-
Vinyl chloride	MW 58	6/25/2008	0.026	-	-	-
Vinyl chloride	MW 58	12/17/2009	0.11	-	-	-
Vinyl chloride	MW 58	10/28/2010	0.158	-	-	-
Vinyl chloride	MW 58	10/6/2011	0.12	-	-	-
Vinyl chloride	MW 58	10/16/2012	0.14	-	-	-
Vinyl chloride	MW 58	10/16/2012	0.15	-	-	-
Vinyl chloride	MW 58	10/29/2013	0.11	-	-	-
Vinyl chloride	MW 58	10/29/2014	0.098	-	-	-
Vinyl chloride	MW 58	10/20/2015	0.16	-	-	-
Vinyl chloride	MW 58	10/20/2015	0.15	-	-	-
Vinyl chloride	MW 58	10/25/2016	0.085	-	-	-
Vinyl chloride	MW 58	10/17/2017	0.059	-	-	-
Vinyl chloride	MW 58	10/8/2018	0.064 J	-	-	-
Vinyl chloride	MW 58	11/03/2020	0.13 J	-	-	-
Vinyl chloride	MW 58	11/03/2020	0.12 J	-	-	-
Vinyl chloride	MW 58	05/04/2022	0.034 J	-	-	-
Vinyl chloride	MW 61	1/11/2005	0.001 U	-	-	-
Vinyl chloride	MW 61	6/24/2008	0.001 U	-	-	-
Vinyl chloride	MW 61	12/3/2009	0.001 U	-	-	-
Vinyl chloride	MW 61	10/26/2010	0.002 U	-	-	-
Vinyl chloride	MW 61	10/3/2011	0.00029 J	-	-	-
Vinyl chloride	MW 61	10/10/2012	0.001 U	-	-	-
Vinyl chloride	MW 61	10/23/2013	0.001 U	-	-	-
Vinyl chloride	MW 61	10/21/2014	0.00042 J	-	-	-
Vinyl chloride	MW 61	10/9/2015	0.00068 J	-	-	-
Vinyl chloride	MW 61	10/22/2016	0.00069 J	-	-	-
Vinyl chloride	MW 61	10/9/2017	0.001 U	-	-	-
Vinyl chloride	MW 61	10/4/2018	0.0013	-	-	-
Vinyl chloride	MW 61	11/03/2020	0.00077 J	-	-	-
Vinyl chloride	MW 61	11/03/2020	0.0011	-	-	-
Vinyl chloride	MW 61	04/27/2022	0.00062 J	-	-	-
Vinyl chloride	MW 64	1/11/2005	0.001 U	-	-	-
Vinyl chloride	MW 64	10/19/2005	0.0015	-	-	-
Vinyl chloride	MW 64	10/18/2006	0.0013	-	-	-
Vinyl chloride	MW 64	10/19/2007	0.009	-	-	-
Vinyl chloride	MW 64	2/18/2008	0.0054	-	-	-
Vinyl chloride	MW 64	2/18/2008	0.005	-	-	-
Vinyl chloride	MW 64	6/26/2008	0.0011	-	-	-
Vinyl chloride	MW 64	12/8/2009	0.01	-	-	-
Vinyl chloride	MW 64	12/8/2009	0.013	-	-	-
Vinyl chloride	MW 64	10/25/2010	0.016	-	-	-
Vinyl chloride	MW 64	10/3/2011	0.032	-	-	-
Vinyl chloride	MW 64	10/11/2012	0.027	-	-	-
Vinyl chloride	MW 64	10/11/2012	0.027	-	-	-
Vinyl chloride	MW 64	10/22/2013	0.045	-	-	-
Vinyl chloride	MW 64	10/28/2014	0.033	-	-	-
Vinyl chloride	MW 64	10/13/2015	0.03	-	-	-
Vinyl chloride	MW 64	10/20/2016	0.039	-	-	-
Vinyl chloride	MW 64	10/10/2017	0.049	-	-	-
Vinyl chloride	MW 64	10/3/2018	0.083	-	-	-
Vinyl chloride	MW 64	10/3/2018	0.089	-	-	-
Vinyl chloride	MW 64	11/03/2020	0.042	-	-	-
Vinyl chloride	MW 64	11/03/2020	0.042	-	-	-
Vinyl chloride	MW 64	04/25/2022	0.054	-	-	-
Vinyl chloride	MW 65	1/10/2005	0.54	-	-	-
Vinyl chloride	MW 65	10/18/2007	0.68	-	-	-
Vinyl chloride	MW 65	2/15/2008	0.77	-	-	-
Vinyl chloride	MW 65	6/27/2008	1.2 J	-	-	-
Vinyl chloride	MW 65	12/4/2008	0.54	-	-	-
Vinyl chloride	MW 65	4/28/2009	0.69	-	-	-
Vinyl chloride	MW 65	12/4/2009	0.67	-	-	-
Vinyl chloride	MW 65	10/25/2010	0.05 U	-	-	detection frequency
Vinyl chloride	MW 65	10/3/2011	0.04 U	-	-	detection frequency
Vinyl chloride	MW 65	10/11/2012	0.014 U	-	-	detection frequency
Vinyl chloride	MW 65	10/22/2013	0.0025 J	-	-	-
Vinyl chloride	MW 65	10/22/2014	0.00093 J	-	-	-
Vinyl chloride	MW 65	10/22/2014	0.0016 J	-	-	-
Vinyl chloride	MW 65	10/8/2015	0.0012 J	-	-	-
Vinyl chloride	MW 65	10/19/2016	0.0014	-	-	-
Vinyl chloride	MW 65	10/6/2017	0.00074 J	-	-	-
Vinyl chloride	MW 65	10/4/2018	0.00074 J	-	-	-
Vinyl chloride	MW 65	11/03/2020	0.00049 J	-	-	-
Vinyl chloride	MW 65	04/25/2022	0.001 U	-	-	-
Vinyl chloride	MW 66	1/11/2005	0.003	-	-	-
Vinyl chloride	MW 66	1/11/2005	0.0031	-	-	-
Vinyl chloride	MW 66	10/18/2005	0.0067	-	-	-
Vinyl chloride	MW 66	10/18/2006	0.014	-	-	-
Vinyl chloride	MW 66	10/19/2007	0.015	-	-	-
Vinyl chloride	MW 66	10/19/2007	0.015	-	-	-
Vinyl chloride	MW 66	2/18/2008	0.02	-	-	-
Vinyl chloride	MW 66	6/26/2008	0.02	-	-	-
Vinyl chloride	MW 66	12/4/2008	0.0071	-	-	-
Vinyl chloride	MW 66	4/28/2009	0.027	-	-	-
Vinyl chloride	MW 66	4/28/2009	0.027	-	-	-
Vinyl chloride	MW 66	12/8/2009	0.023	-	-	-
Vinyl chloride	MW 66	10/25/2010	0.027	-	-	-
Vinyl chloride	MW 66	4/19/2011	0.046	-	-	-
Vinyl chloride	MW 66	4/19/2011	0.045	-	-	-
Vinyl chloride	MW 66	10/3/2011	0.14	-	-	-
Vinyl chloride	MW 66	5/14/2012	0.25	-	-	-
Vinyl chloride	MW 66	10/11/2012	0.25	-	-	-
Vinyl chloride	MW 66	4/10/2013	0.3	-	-	-
Vinyl chloride	MW 66	10/22/2013	0.16	-	-	-

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Vinyl chloride	MW 66	4/11/2014	0.33	-	-	-
Vinyl chloride	MW 66	10/27/2014	0.15	-	-	-
Vinyl chloride	MW 66	4/27/2015	0.11	-	-	-
Vinyl chloride	MW 66	10/13/2015	0.13	-	-	-
Vinyl chloride	MW 66	4/20/2016	0.14	-	-	-
Vinyl chloride	MW 66	10/20/2016	0.14	-	-	-
Vinyl chloride	MW 66	4/19/2017	0.11	-	-	-
Vinyl chloride	MW 66	10/10/2017	0.075	-	-	-
Vinyl chloride	MW 66	4/11/2018	0.2 U	-	-	-
Vinyl chloride	MW 66	10/3/2018	0.2 U	-	-	-
Vinyl chloride	MW 66	04/25/2019	0.036 J	-	-	-
Vinyl chloride	MW 66	11/03/2020	0.018	-	-	-
Vinyl chloride	MW 66	04/25/2022	0.1 U	-	-	-
Vinyl chloride	MW 68	1/18/2005	0.16	-	-	-
Vinyl chloride	MW 68	10/19/2005	0.35 J	-	-	-
Vinyl chloride	MW 68	10/19/2005	0.36 J	-	-	-
Vinyl chloride	MW 68	1/31/2006	0.23 J	-	-	-
Vinyl chloride	MW 68	4/18/2006	0.19 J	-	-	-
Vinyl chloride	MW 68	7/19/2006	0.16 J	-	-	-
Vinyl chloride	MW 68	10/19/2006	0.14 J	-	-	-
Vinyl chloride	MW 68	1/23/2007	0.14 J	-	-	-
Vinyl chloride	MW 68	4/18/2007	0.26	-	-	-
Vinyl chloride	MW 68	7/9/2007	0.33 J	-	-	-
Vinyl chloride	MW 68	10/16/2007	0.43 J	-	-	-
Vinyl chloride	MW 68	2/19/2008	0.26	-	-	-
Vinyl chloride	MW 68	6/27/2008	0.34 J	-	-	-
Vinyl chloride	MW 68	12/5/2008	0.24 J	-	-	-
Vinyl chloride	MW 68	4/29/2009	0.33 J	-	-	-
Vinyl chloride	MW 68	12/16/2009	0.22 J	-	-	-
Vinyl chloride	MW 68	12/16/2009	0.23 J	-	-	-
Vinyl chloride	MW 68	10/26/2010	0.181	-	-	-
Vinyl chloride	MW 68	4/18/2011	0.097 J	-	-	-
Vinyl chloride	MW 68	10/4/2011	0.16 J	-	-	-
Vinyl chloride	MW 68	10/4/2011	0.16 J	-	-	-
Vinyl chloride	MW 68	5/14/2012	0.25	-	-	-
Vinyl chloride	MW 68	10/12/2012	0.24	-	-	-
Vinyl chloride	MW 68	4/10/2013	0.21 J	-	-	-
Vinyl chloride	MW 68	4/10/2013	0.19 J	-	-	-
Vinyl chloride	MW 68	10/23/2013	0.24 J	-	-	-
Vinyl chloride	MW 68	11/14/2013	0.3	-	-	-
Vinyl chloride	MW 68	11/14/2013	0.3	-	-	-
Vinyl chloride	MW 68	4/10/2014	0.24	-	-	-
Vinyl chloride	MW 68	10/23/2014	0.15 J	-	-	-
Vinyl chloride	MW 68	4/28/2015	0.18 J	-	-	-
Vinyl chloride	MW 68	4/28/2015	0.17 J	-	-	-
Vinyl chloride	MW 68	10/13/2015	0.16 J	-	-	-
Vinyl chloride	MW 68	10/13/2015	0.12 J	-	-	-
Vinyl chloride	MW 68	4/19/2016	0.15 J	-	-	-
Vinyl chloride	MW 68	10/20/2016	0.15 J	-	-	-
Vinyl chloride	MW 68	4/17/2017	0.13	-	-	-
Vinyl chloride	MW 68	10/11/2017	0.16	-	-	-
Vinyl chloride	MW 68	4/11/2018	0.099 J	-	-	-
Vinyl chloride	MW 68	10/2/2018	0.11 J	-	-	-
Vinyl chloride	MW 68	04/25/2019	0.16 J	-	-	-
Vinyl chloride	MW 68	11/03/2020	0.22	-	-	-
Vinyl chloride	MW 68	11/03/2020	0.23	-	-	-
Vinyl chloride	MW 68	04/29/2022	0.11	-	-	-
Vinyl chloride	MW 75	1/14/2005	0.001 U	-	-	-
Vinyl chloride	MW 75	10/19/2005	0.001 U	-	-	-
Vinyl chloride	MW 75	10/19/2006	0.001 U	-	-	-
Vinyl chloride	MW 75	10/16/2007	0.001 U	-	-	-
Vinyl chloride	MW 75	6/30/2008	0.001 U	-	-	-
Vinyl chloride	MW 75	10/27/2010	0.001 U	-	-	-
Vinyl chloride	MW 75	10/5/2011	0.001 U	-	-	-
Vinyl chloride	MW 75	10/12/2012	0.001 U	-	-	-
Vinyl chloride	MW 75	10/23/2013	0.001 U	-	-	-
Vinyl chloride	MW 75	10/21/2014	0.001 U	-	-	-
Vinyl chloride	MW 75	10/23/2016	0.001 U	-	-	-
Vinyl chloride	MW 75	10/16/2017	0.001 U	-	-	-
Vinyl chloride	MW 75	10/2/2018	0.001 U	-	-	-
Vinyl chloride	MW 75	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 75	05/03/2022	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	1/14/2005	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/20/2005	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/19/2006	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/16/2007	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/27/2010	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/5/2011	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/12/2012	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/23/2013	0.00046 J	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/23/2013	0.00048 J	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/21/2014	0.00051 J	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/18/2017	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/2/2018	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	11/03/2020	0.0016	-	-	-
Vinyl chloride	MW 79	1/13/2005	0.24	-	-	-
Vinyl chloride	MW 79	10/15/2007	0.33	-	-	-
Vinyl chloride	MW 79	12/5/2008	0.2	-	-	-
Vinyl chloride	MW 79	4/29/2009	0.22	-	-	-
Vinyl chloride	MW 79	12/14/2009	0.27	-	-	-
Vinyl chloride	MW 79	10/27/2010	0.185	-	-	-
Vinyl chloride	MW 79	4/20/2011	0.13	-	-	-
Vinyl chloride	MW 79	10/4/2011	0.14	-	-	-
Vinyl chloride	MW 79	5/15/2012	0.12	-	-	-
Vinyl chloride	MW 79	10/15/2012	0.15	-	-	-
Vinyl chloride	MW 79	10/15/2012	0.14	-	-	-
Vinyl chloride	MW 79	4/9/2013	0.15	-	-	-
Vinyl chloride	MW 79	10/28/2013	0.16	-	-	-
Vinyl chloride	MW 79	4/15/2014	0.22	-	-	-
Vinyl chloride	MW 79	10/28/2014	0.15	-	-	-

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Vinyl chloride	MW 79	10/28/2014	0.15	-	-	-
Vinyl chloride	MW 79	4/29/2015	0.15	-	-	-
Vinyl chloride	MW 79	10/13/2015	0.13	-	-	-
Vinyl chloride	MW 79	4/19/2016	0.18	-	-	-
Vinyl chloride	MW 79	10/21/2016	0.15	-	-	-
Vinyl chloride	MW 79	4/17/2017	0.19	-	-	-
Vinyl chloride	MW 79	4/17/2017	0.19	-	-	-
Vinyl chloride	MW 79	10/11/2017	0.2	-	-	-
Vinyl chloride	MW 79	4/10/2018	0.31	-	-	-
Vinyl chloride	MW 79	10/2/2018	0.31	-	-	-
Vinyl chloride	MW 79	04/25/2019	0.6	yes	-	-
Vinyl chloride	MW 79	11/03/2020	0.44	-	-	-
Vinyl chloride	MW 79	04/29/2022	0.41	-	-	-
Vinyl chloride	MW 80	3/9/2005	0.11	-	-	-
Vinyl chloride	MW 80	3/9/2005	0.12	-	-	-
Vinyl chloride	MW 80	10/18/2005	0.15	-	-	-
Vinyl chloride	MW 80	10/18/2006	0.033	-	-	-
Vinyl chloride	MW 80	10/17/2007	0.042	-	-	-
Vinyl chloride	MW 80	6/27/2008	0.068 J	-	-	-
Vinyl chloride	MW 80	6/27/2008	0.093 J	-	-	-
Vinyl chloride	MW 80	12/8/2009	0.069	-	-	-
Vinyl chloride	MW 80	10/25/2010	0.0134	-	-	-
Vinyl chloride	MW 80	10/3/2011	0.015	-	-	-
Vinyl chloride	MW 80	10/11/2012	0.025	-	-	-
Vinyl chloride	MW 80	10/22/2013	0.045	-	-	-
Vinyl chloride	MW 80	10/24/2014	0.036	-	-	-
Vinyl chloride	MW 80	10/8/2015	0.04	-	-	-
Vinyl chloride	MW 80	10/22/2016	0.049	-	-	-
Vinyl chloride	MW 80	10/6/2017	0.041	-	-	-
Vinyl chloride	MW 80	10/2/2018	0.051	-	-	-
Vinyl chloride	MW 80	11/03/2020	0.063	-	-	-
Vinyl chloride	MW 80	04/25/2022	0.15 / 0.16	-	-	-
Vinyl chloride	MW 81	3/9/2005	0.0034	-	-	-
Vinyl chloride	MW 81	3/30/2005	0.004 J	-	-	-
Vinyl chloride	MW 81	10/19/2005	0.0058	-	-	-
Vinyl chloride	MW 81	10/18/2006	0.0062	-	-	-
Vinyl chloride	MW 81	10/18/2006	0.0062	-	-	-
Vinyl chloride	MW 81	10/18/2007	0.0092	-	-	-
Vinyl chloride	MW 81	2/15/2008	0.013	-	-	-
Vinyl chloride	MW 81	6/26/2008	0.016	-	-	-
Vinyl chloride	MW 81	12/4/2009	0.026	-	-	-
Vinyl chloride	MW 81	10/25/2010	0.0268	-	-	-
Vinyl chloride	MW 81	10/3/2011	0.05	-	-	-
Vinyl chloride	MW 81	10/11/2012	0.051	-	-	-
Vinyl chloride	MW 81	10/22/2013	0.066	-	-	-
Vinyl chloride	MW 81	10/22/2014	0.041	-	-	-
Vinyl chloride	MW 81	10/8/2015	0.062	-	-	-
Vinyl chloride	MW 81	10/22/2016	0.026	-	-	-
Vinyl chloride	MW 81	10/6/2017	0.042	-	-	-
Vinyl chloride	MW 81	10/9/2018	0.027	-	-	-
Vinyl chloride	MW 81	11/03/2020	0.037	-	-	-
Vinyl chloride	MW 81	04/25/2022	0.039	-	-	-
Vinyl chloride	MW 82	3/9/2005	0.001 U	-	-	-
Vinyl chloride	MW 82	10/20/2005	0.001 U	-	-	-
Vinyl chloride	MW 82	10/19/2006	0.001 U	-	-	-
Vinyl chloride	MW 82	10/16/2007	0.001 U	-	-	-
Vinyl chloride	MW 82	6/27/2008	0.001 U	-	-	-
Vinyl chloride	MW 82	12/15/2009	0.001 U	-	-	-
Vinyl chloride	MW 82	10/27/2010	0.001 U	-	-	-
Vinyl chloride	MW 82	10/4/2011	0.001 U	-	-	-
Vinyl chloride	MW 82	10/23/2013	0.001 U	-	-	-
Vinyl chloride	MW 82	10/24/2014	0.001 U	-	-	-
Vinyl chloride	MW 82	10/12/2015	0.001 U	-	-	-
Vinyl chloride	MW 82	10/23/2016	0.001 U	-	-	-
Vinyl chloride	MW 82	10/12/2017	0.001 U	-	-	-
Vinyl chloride	MW 82	10/12/2017	0.001 U	-	-	-
Vinyl chloride	MW 82	10/10/2018	0.001 U	-	-	-
Vinyl chloride	MW 82	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 82	04/28/2022	0.001 U	-	-	-
Vinyl chloride	MW 83	3/9/2005	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	10/18/2005	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	10/18/2006	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	10/18/2007	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	6/27/2008	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	12/8/2009	0.001 U	-	-	detection frequency
Vinyl chloride	MW 83	10/26/2010	0.002 U	-	-	detection frequency
Vinyl chloride	MW 83	10/4/2011	0.0003 J	-	-	-
Vinyl chloride	MW 83	10/10/2012	0.00045 J	-	-	-
Vinyl chloride	MW 83	10/24/2013	0.0015	-	-	-
Vinyl chloride	MW 83	10/22/2014	0.0015	-	-	-
Vinyl chloride	MW 83	10/9/2015	0.0037	-	-	-
Vinyl chloride	MW 83	10/22/2016	0.0053	-	-	-
Vinyl chloride	MW 83	10/22/2016	0.0053	-	-	-
Vinyl chloride	MW 83	10/11/2017	0.0076	-	-	-
Vinyl chloride	MW 83	10/10/2018	0.24	-	-	-
Vinyl chloride	MW 83	11/03/2020	0.015	-	-	-
Vinyl chloride	MW 83	05/02/2022	0.017	-	-	-
Vinyl chloride	MW 84	10/20/2005	0.001 U	-	-	-
Vinyl chloride	MW 84	4/10/2013	0.001 U	-	-	-
Vinyl chloride	MW 84	11/14/2013	0.001 U	-	-	-
Vinyl chloride	MW 84	4/10/2014	0.001 U	-	-	-
Vinyl chloride	MW 84	10/12/2015	0.001 U	-	-	-
Vinyl chloride	MW 84	10/24/2016	0.001 U	-	-	-
Vinyl chloride	MW 84	10/13/2017	0.001 U	-	-	-
Vinyl chloride	MW 84	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 84	10/08/2019	0.001 U	-	-	-
Vinyl chloride	MW 84	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 84	04/28/2022	0.001 U	-	-	-
Vinyl chloride	MW 85	2/19/2008	0.36	-	-	-
Vinyl chloride	MW 85	6/25/2008	0.25	-	-	-

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Vinyl chloride	MW 85	12/4/2008	0.5	-	-	-
Vinyl chloride	MW 85	4/30/2009	0.48	-	-	-
Vinyl chloride	MW 85	12/17/2009	0.76	-	-	-
Vinyl chloride	MW 85	10/28/2010	0.808	-	-	-
Vinyl chloride	MW 85	4/20/2011	0.45	-	-	-
Vinyl chloride	MW 85	10/6/2011	0.51	-	-	-
Vinyl chloride	MW 85	5/16/2012	0.59	-	-	-
Vinyl chloride	MW 85	10/16/2012	0.77	-	-	-
Vinyl chloride	MW 85	4/12/2013	0.69	-	-	-
Vinyl chloride	MW 85	10/29/2013	0.64	-	-	-
Vinyl chloride	MW 85	4/16/2014	0.84	-	-	-
Vinyl chloride	MW 85	10/29/2014	0.6	-	-	-
Vinyl chloride	MW 85	4/27/2015	0.37 J	-	-	-
Vinyl chloride	MW 85	10/19/2015	0.44	-	-	-
Vinyl chloride	MW 85	4/22/2016	0.34 J	-	-	-
Vinyl chloride	MW 85	4/22/2016	0.35 J	-	-	-
Vinyl chloride	MW 85	10/24/2016	0.42 J	-	-	-
Vinyl chloride	MW 85	4/18/2017	0.42	-	-	-
Vinyl chloride	MW 85	10/17/2017	0.45	-	-	-
Vinyl chloride	MW 85	4/12/2018	0.35 J	-	-	-
Vinyl chloride	MW 85	10/8/2018	0.68	-	-	-
Vinyl chloride	MW 85	04/25/2019	0.32	-	-	-
Vinyl chloride	MW 85	11/03/2020	0.56	-	-	-
Vinyl chloride	MW 85	05/05/2022	0.25	-	-	-
Vinyl chloride	MW 86	10/28/2010	0.001 U	-	-	-
Vinyl chloride	MW 86	10/28/2010	0.002 U	-	-	-
Vinyl chloride	MW 86	10/4/2011	0.001 U	-	-	-
Vinyl chloride	MW 86	10/11/2012	0.001 U	-	-	-
Vinyl chloride	MW 86	10/22/2013	0.001 U	-	-	-
Vinyl chloride	MW 86	10/22/2014	0.001 U	-	-	-
Vinyl chloride	MW 86	10/8/2015	0.001 U	-	-	-
Vinyl chloride	MW 86	10/22/2016	0.001 U	-	-	-
Vinyl chloride	MW 86	10/13/2017	0.001 U	-	-	-
Vinyl chloride	MW 86	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 86	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 86	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 88	10/29/2010	0.002 U	-	-	detection frequency
Vinyl chloride	MW 88	10/3/2011	0.001 U	-	-	detection frequency
Vinyl chloride	MW 88	10/11/2012	0.001 U	-	-	detection frequency
Vinyl chloride	MW 88	10/22/2013	0.001 U	-	-	detection frequency
Vinyl chloride	MW 88	10/22/2014	0.00034 J	-	-	-
Vinyl chloride	MW 88	10/8/2015	0.001	-	-	-
Vinyl chloride	MW 88	10/8/2015	0.00098 J	-	-	-
Vinyl chloride	MW 88	10/22/2016	0.0019	-	-	-
Vinyl chloride	MW 88	10/22/2016	0.0018	-	-	-
Vinyl chloride	MW 88	10/13/2017	0.0023	-	-	-
Vinyl chloride	MW 88	10/4/2018	0.0024	-	-	-
Vinyl chloride	MW 88	10/4/2018	0.0023	-	-	-
Vinyl chloride	MW 88	11/03/2020	0.0061	-	-	-
Vinyl chloride	MW 88	04/27/2022	0.0067	-	-	-
Vinyl chloride	MW 89-11	12/8/2011	0.001 U	-	-	-
Vinyl chloride	MW 89-11	12/8/2011	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/17/2012	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/12/2013	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/12/2013	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/28/2013	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/16/2014	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/28/2014	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/28/2015	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/15/2015	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/20/2016	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/20/2016	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/25/2016	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/25/2016	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/19/2017	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/17/2017	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/11/2018	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/8/2018	0.001 U	-	-	-
Vinyl chloride	MW 89-11	04/25/2019	0.001 U	-	-	-
Vinyl chloride	MW 89-11	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 89-11	05/03/2022	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/25/2016	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/18/2017	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/9/2018	0.001 U	-	-	-
Vinyl chloride	MW97R-16	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW97R-16	05/05/2022	0.001 U	-	-	-
Vinyl chloride	Pond Intake	1/11/2005	0.0056	-	-	-
Vinyl chloride	Pond Intake	4/19/2005	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	10/17/2005	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	2/1/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	4/17/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	7/18/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	10/17/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	1/22/2007	0.006	-	-	sampling frequency
Vinyl chloride	Pond Intake	4/16/2007	0.00038 J	-	-	-
Vinyl chloride	Pond Intake	5/9/2007	0.00047 J	-	-	sampling frequency
Vinyl chloride	Pond Intake	6/18/2007	0.00052 J	-	-	sampling frequency
Vinyl chloride	Pond Intake	7/10/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	8/15/2007	0.0004 J	-	-	sampling frequency
Vinyl chloride	Pond Intake	9/27/2007	0.00029 J	-	-	sampling frequency
Vinyl chloride	Pond Intake	10/17/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	11/9/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	12/4/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	2/18/2008	0.0022	-	-	sampling frequency
Vinyl chloride	Pond Intake	6/25/2008	0.0031	-	-	-
Vinyl chloride	Pond Intake	9/23/2008	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	12/4/2008	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	3/4/2009	0.0012	-	-	sampling frequency
Vinyl chloride	Pond Intake	3/4/2009	0.0013	-	-	sampling frequency
Vinyl chloride	Pond Intake	4/30/2009	0.0031	-	-	-
Vinyl chloride	Pond Intake	7/30/2009	0.0017	-	-	-

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Vinyl chloride	Pond Intake	7/30/2009	0.0017	-	-	-
Vinyl chloride	Pond Intake	12/17/2009	0.0015	-	-	-
Vinyl chloride	Pond Intake	8/4/2010	0.0049	-	-	-
Vinyl chloride	Pond Intake	10/28/2010	0.001 U	-	-	detection frequency
Vinyl chloride	Pond Intake	4/20/2011	0.0019	-	-	-
Vinyl chloride	Pond Intake	7/28/2011	0.0042	-	-	-
Vinyl chloride	Pond Intake	10/6/2011	0.0021	-	-	-
Vinyl chloride	Pond Intake	10/6/2011	0.0022	-	-	-
Vinyl chloride	Pond Intake	5/16/2012	0.0038	-	-	-
Vinyl chloride	Pond Intake	8/2/2012	0.0048	-	-	-
Vinyl chloride	Pond Intake	10/16/2012	0.00067 J	-	-	-
Vinyl chloride	Pond Intake	4/12/2013	0.0046	-	-	-
Vinyl chloride	Pond Intake	7/17/2013	0.0048	-	-	-
Vinyl chloride	Pond Intake	10/29/2013	0.0022	-	-	-
Vinyl chloride	Pond Intake	4/16/2014	0.0069	-	-	-
Vinyl chloride	Pond Intake	7/17/2014	0.0049	-	-	-
Vinyl chloride	Pond Intake	7/17/2014	0.0048	-	-	-
Vinyl chloride	Pond Intake	10/29/2014	0.0039	-	-	-
Vinyl chloride	Pond Intake	4/27/2015	0.0053	-	-	-
Vinyl chloride	Pond Intake	7/10/2015	0.008	-	-	-
Vinyl chloride	Pond Intake	7/10/2015	0.0079	-	-	-
Vinyl chloride	Pond Intake	10/20/2015	0.0065	-	-	-
Vinyl chloride	Pond Intake	4/22/2016	0.0044	-	-	-
Vinyl chloride	Pond Intake	7/19/2016	0.0049	-	-	-
Vinyl chloride	Pond Intake	10/24/2016	0.0031	-	-	-
Vinyl chloride	Pond Intake	10/24/2016	0.0029	-	-	-
Vinyl chloride	Pond Intake	4/18/2017	0.0063	-	-	-
Vinyl chloride	Pond Intake	7/12/2017	0.0051	-	-	-
Vinyl chloride	Pond Intake	10/19/2017	0.0048	-	-	-
Vinyl chloride	Pond Intake	4/9/2018	0.013	-	-	-
Vinyl chloride	Pond Intake	7/5/2018	0.0076	-	-	-

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Vinyl chloride	Pond Intake	7/5/2018	0.0073	-	-	-
Vinyl chloride	Pond Intake	10/9/2018	0.005	-	-	-
Vinyl chloride	Pond Intake	04/25/2019	0.0089	-	-	-
Vinyl chloride	Pond Intake	04/25/2019	0.0086	-	-	-
Vinyl chloride	Pond Intake	10/08/2019	0.0039	-	-	-
Vinyl chloride	Pond Intake	11/03/2020	0.0039	-	-	-
Vinyl chloride	Pond Intake	05/04/2022	0.0061	-	-	-
Vinyl chloride	Pond North	1/11/2005	0.013	-	-	-
Vinyl chloride	Pond North	4/19/2005	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	10/17/2005	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	2/1/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	4/17/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	7/18/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	10/17/2006	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	1/22/2007	0.0067 J	-	-	sampling frequency
Vinyl chloride	Pond North	4/16/2007	0.024	-	-	-
Vinyl chloride	Pond North	5/9/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	6/18/2007	0.00083 J	-	-	sampling frequency
Vinyl chloride	Pond North	7/10/2007	0.00035 J	-	-	-
Vinyl chloride	Pond North	8/15/2007	0.0005 J	-	-	sampling frequency
Vinyl chloride	Pond North	9/27/2007	0.00084 J	-	-	sampling frequency
Vinyl chloride	Pond North	10/17/2007	0.00072 J	-	-	-
Vinyl chloride	Pond North	11/9/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	12/4/2007	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	2/18/2008	0.0022	-	-	sampling frequency
Vinyl chloride	Pond North	6/25/2008	0.0035	-	-	-
Vinyl chloride	Pond North	9/23/2008	0.0012	-	-	-
Vinyl chloride	Pond North	12/4/2008	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	3/4/2009	0.0012	-	-	sampling frequency
Vinyl chloride	Pond North	4/30/2009	0.0039	-	-	-
Vinyl chloride	Pond North	7/30/2009	0.0018	-	-	-
Vinyl chloride	Pond North	12/17/2009	0.5	yes	-	-
Vinyl chloride	Pond North	8/4/2010	0.004	-	-	-
Vinyl chloride	Pond North	8/4/2010	0.0051	-	-	-
Vinyl chloride	Pond North	10/28/2010	0.001 U	-	-	detection frequency
Vinyl chloride	Pond North	4/20/2011	0.0043	-	-	-
Vinyl chloride	Pond North	7/28/2011	0.0088	-	-	-
Vinyl chloride	Pond North	7/28/2011	0.0067	-	-	-
Vinyl chloride	Pond North	10/6/2011	0.012	-	-	-
Vinyl chloride	Pond North	5/16/2012	0.014	-	-	-
Vinyl chloride	Pond North	5/16/2012	0.014	-	-	-
Vinyl chloride	Pond North	8/2/2012	0.012	-	-	-
Vinyl chloride	Pond North	8/2/2012	0.011	-	-	-
Vinyl chloride	Pond North	10/16/2012	0.012	-	-	-
Vinyl chloride	Pond North	4/12/2013	0.0081	-	-	-
Vinyl chloride	Pond North	7/17/2013	0.014	-	-	-
Vinyl chloride	Pond North	7/17/2013	0.014	-	-	-
Vinyl chloride	Pond North	10/29/2013	0.0033	-	-	-
Vinyl chloride	Pond North	4/16/2014	0.089	-	-	-
Vinyl chloride	Pond North	7/17/2014	0.041	-	-	-
Vinyl chloride	Pond North	10/29/2014	0.019	-	-	-
Vinyl chloride	Pond North	4/27/2015	0.0091	-	-	-
Vinyl chloride	Pond North	7/10/2015	0.0077	-	-	-
Vinyl chloride	Pond North	10/20/2015	0.0047	-	-	-
Vinyl chloride	Pond North	4/22/2016	0.0078	-	-	-
Vinyl chloride	Pond North	7/19/2016	0.0064	-	-	-
Vinyl chloride	Pond North	7/19/2016	0.0062	-	-	-
Vinyl chloride	Pond North	10/24/2016	0.033 U	-	-	detection frequency
Vinyl chloride	Pond North	4/18/2017	0.011	-	-	-
Vinyl chloride	Pond North	4/18/2017	0.01	-	-	-
Vinyl chloride	Pond North	7/12/2017	0.0053	-	-	-
Vinyl chloride	Pond North	7/12/2017	0.0052	-	-	-
Vinyl chloride	Pond North	10/19/2017	0.017	-	-	-
Vinyl chloride	Pond North	4/9/2018	0.014	-	-	-
Vinyl chloride	Pond North	4/9/2018	0.018	-	-	-
Vinyl chloride	Pond North	7/5/2018	0.023 J	-	-	-
Vinyl chloride	Pond North	10/9/2018	0.0059 J	-	-	-
Vinyl chloride	Pond North	10/9/2018	0.0064 J	-	-	-
Vinyl chloride	Pond North	04/25/2019	0.0099	-	-	-
Vinyl chloride	Pond North	10/08/2019	0.0039 J	-	-	-
Vinyl chloride	Pond North	10/08/2019	0.0040 J	-	-	-
Vinyl chloride	Pond North	05/05/2022	0.0073/0.0072	-	-	-

Notes:

Ambiguous Data:
high DL - observation was excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.
low J value - observation was censored (considered non-detect) due to ambiguous comparisons with non-detect data having higher detection limits.

Excluded Data:
sampling frequency - additional sampling events were excluded from the Mann-Kendall trend test to provide a consistent sampli interval corresponding to current program.
detection frequency - non-detects were excluded from the Mann-Kendall trend test to provide a test result, otherwise not obtaine due to detection frequency less than 75 percent.

Table C.2

Descriptive Statistics and Trend Test Results
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Analyte	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum (mg/L)	Maximum (mg/L)	Number of Outliers	Mann-Kendall Trend test				Sen's Slope (units/day)
									Statistic	Probability	Confidence in trend	Conclusion	
MW-2	TCE	2007 -- 2022	16	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 3	TCE	2005 -- 2022	35	35	100%	0.013	18	0	-113	0.944	6%	NT or Decreasing	-7E-04
MW-4	TCE	2005 -- 2022	35	22	63%	0.001 U	2.4	--	--	--	--	--	--
MW-4 (1)	TCE	2005 -- 2022	22	22	100%	0.0112	2.4	0	112	0.001	100%	**Increasing**	2E-04
MW-7	TCE	2012 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 8	TCE	2005 -- 2022	32	32	100%	0.046	1.4	0	-114	0.967	3%	NT or Decreasing	-4E-05
MW 12	TCE	2005 -- 2022	34	26	76%	0.00028J	0.16	0	-427	1.000	0%	NT or Decreasing	-1E-05
MW 12 (1)	TCE	2005 -- 2022	27	26	96%	0.00028J	0.16	0	-325	1.000	0%	NT or Decreasing	-2E-05
MW 14	TCE	2005 -- 2022	34	2	6%	0.001U	0.5 U	--	--	--	--	--	--
MW 15	TCE	2005 -- 2022	19	19	100%	2.5	10	0	-53	0.966	3%	NT or Decreasing	-6E-04
MW 15 (2)(3)	TCE	2005 -- 2022	12	12	100%	2.5	8.3	0	-25	0.950	5%	NT or Decreasing	-8E-04
MW 16	TCE	2005 -- 2022	10	2	20%	0.001U	1.9	--	--	--	--	--	--
MW 21	TCE	2005 -- 2022	16	2	13%	0.001U	0.0013	--	--	--	--	--	--
MW 21 (2)	TCE	2005 -- 2022	9	1	11%	0.001U	0.0013	--	--	--	--	--	--
MW 28	TCE	2005 -- 2022	27	1	4%	0.00015 J	0.08U	--	--	--	--	--	--
MW 31R	TCE	2005 -- 2022	33	19	58%	0.038J	5U	--	--	--	--	--	--
MW 31R (1)	TCE	2005 -- 2022	20	19	95%	0.038J	2.5	0	-124	1.000	0%	NT or Decreasing	-3E-04
MW 37	TCE	2005 -- 2022	15	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 40	TCE	2005 -- 2022	35	18	51%	0.0013 U	0.83 U	--	--	--	--	--	--
MW 40 (1)	TCE	2006 -- 2022	18	18	100%	0.0011	0.4	0	74	0.003	100%	**Increasing**	6E-05
MW 41	TCE	2005 -- 2022	34	1	3%	0.00017 J	0.63 U	--	--	--	--	--	--
MW 42	TCE	2005 -- 2022	34	3	9%	0.00011 J	0.71 U	--	--	--	--	--	--
MW 46	TCE	2005 -- 2022	16	3	19%	0.00013 J	0.005 U	--	--	--	--	--	--
MW 49	TCE	2005 -- 2022	25	10	40%	0.00041 J	0.088	--	--	--	--	--	--
MW 51	TCE	2008 -- 2019	21	21	100%	0.052	0.3	0	-164	1.000	0%	NT or Decreasing	-5E-05
MW 56	TCE	2005 -- 2022	17	1	6%	0.001U	0.00067 J	--	--	--	--	--	--
MW 57	TCE	2005 -- 2022	23	2	9%	0.00011 J	0.05U	--	--	--	--	--	--
MW 58	TCE	2005 -- 2022	18	2	11%	0.001 U	0.2 U	--	--	--	--	--	--
MW 61	TCE	2005 -- 2022	14	0	0%	0.001U	0.005 U	--	--	--	--	--	--
MW 64	TCE	2005 -- 2022	18	5	28%	0.00011 J	0.063	--	--	--	--	--	--
MW 65	TCE	2005 -- 2022	18	1	6%	0.00027 J	0.17 U	--	--	--	--	--	--
MW 66	TCE	2005 -- 2022	29	1	3%	0.00034 J	0.2 U	--	--	--	--	--	--
MW 68 (4)	TCE	2005 -- 2022	34	34	100%	0.1	2.6	0	80	0.120	88%	NT or Decreasing	1E-04
MW 75	TCE	2005 -- 2022	15	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 76/MW 76R-17	TCE	2005 -- 2020	12	1	8%	0.00021 J	0.001U	--	--	--	--	--	--
MW 79	TCE	2005 -- 2022	25	1	4%	0.001U	0.12	--	--	--	--	--	--
MW 80	TCE	2005 -- 2022	17	1	6%	0.00021 J	0.0083 U	--	--	--	--	--	--
MW 81	TCE	2005 -- 2022	18	0	0%	0.001U	0.008 U	--	--	--	--	--	--
MW 82	TCE	2005 -- 2022	16	3	19%	0.00014 J	0.00097 J	--	--	--	--	--	--
MW 83	TCE	2005 -- 2022	17	2	12%	0.00023 J	0.005 U	--	--	--	--	--	--
MW 84	TCE	2005 -- 2022	11	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 85	TCE	2008 -- 2022	25	1	4%	0.001 U	0.56 U	--	--	--	--	--	--
MW 86	TCE	2010 -- 2022	11	0	0%	0.001U	0.005 U	--	--	--	--	--	--
MW 88	TCE	2010 -- 2022	11	0	0%	0.001U	0.005 U	--	--	--	--	--	--
MW 89-11	TCE	2011 -- 2022	16	1	6%	0.00036 J	0.001U	--	--	--	--	--	--
MW97R-16	TCE	2016 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--	--
Pond Intake	TCE	2005 -- 2022	53	2	4%	0.001U	0.0073	--	--	--	--	--	--
Pond North	TCE	2005 -- 2022	53	2	4%	0.001 U	0.033 U	--	--	--	--	--	--
MW-2	cis-1,2-DCE	2007 -- 2022	16	3	19%	0.00015 J	0.0021	--	--	--	--	--	--
MW 3	cis-1,2-DCE	2005 -- 2022	35	34	97%	0.0042 U	12	0	-24	0.628	37%	NT or Decreasing	-1E-04
MW-4	cis-1,2-DCE	2005 -- 2022	35	35	100%	5.4	23	0	-89	0.895	11%	NT or Decreasing	-5E-04
MW-7	cis-1,2-DCE	2014 -- 2022	5	1	20%	0.00018 J	0.001U	--	--	--	--	--	--
MW 8	cis-1,2-DCE	2005 -- 2022	32	32	100%	0.24	22	0	-290	1.000	0%	NT or Decreasing	-1E-03
MW 12	cis-1,2-DCE	2005 -- 2022	34	34	100%	0.056	1	0	-489	1.000	0%	NT or Decreasing	-1E-04
MW 14	cis-1,2-DCE	2005 -- 2022	34	34	100%	0.33	7.7	1	-278	1.000	0%	NT or Decreasing	-5E-04
MW 15	cis-1,2-DCE	2005 -- 2022	19	19	100%	1.7	29	0	-85	0.998	0%	NT or Decreasing	-2E-03
MW 15 (2)(3)	cis-1,2-DCE	2005 -- 2022	12	12	100%	1.7	19	0	-26	0.958	4%	NT or Decreasing	-1E-03
MW 16	cis-1,2-DCE	2005 -- 2022	10	6	60%	0.00026 J	9.6	--	--	--	--	--	--
MW 21	cis-1,2-DCE	2005 -- 2022	16	2	13%	0.00046 J	0.00092 J	--	--	--	--	--	--
MW 21 (2)	cis-1,2-DCE	2005 -- 2022	9	1	11%	0.00046 J	0.001U	--	--	--	--	--	--
MW 28	cis-1,2-DCE	2005 -- 2022	28	18	64%	0.001 U	6.1	--	--	--	--	--	--
MW 28 (1)	cis-1,2-DCE	2005 -- 2022	18	18	100%	0.0011 J	6.1	1	109	0.000	100%	**Increasing**	4E-04
MW 31R	cis-1,2-DCE	2005 -- 2022	33	33	100%	5.1	95	5	125	0.027	97%	**Increasing**	2E-03
MW 37	cis-1,2-DCE	2005 -- 2022	15	1	7%	0.001U	0.0011	--	--	--	--	--	--
MW 40	cis-1,2-DCE	2005 -- 2022	35	35	100%	3.1	17	0	-402	1.000	0%	NT or Decreasing	-2E-03
MW 41	cis-1,2-DCE	2005 -- 2022	34	34	100%	2.9	10	0	-175	0.995	0%	NT or Decreasing	-5E-04
MW 42	cis-1,2-DCE	2005 -- 2022	34	34	100%	2.4	12	0	-394	1.000	0%	NT or Decreasing	-1E-03
MW 46	cis-1,2-DCE	2005 -- 2022	16	1	6%	0.001U	0.005 U	--	--	--	--	--	--
MW 49	cis-1,2-DCE	2005 -- 2022	25	24	96%	0.001 U	0.9	0	160	0.000	100%	**Increasing**	2E-04
MW 51	cis-1,2-DCE	2008 -- 2019	21	20	95%	0.0067 U	0.16	1	116	0.000	100%	**Increasing**	4E-06
MW 56	cis-1,2-DCE	2005 -- 2022	17	3	18%	0.00021 J	0.003	--	--	--	--	--	--
MW 57	cis-1,2-DCE	2005 -- 2022	23	8	35%	0.00014 J	0.18	--	--	--	--	--	--
MW 58	cis-1,2-DCE	2005 -- 2022	18	7	39%	0.001 U	3	--	--	--	--	--	--
MW 61	cis-1,2-DCE	2005 -- 2022	14	1	7%	0.00035 J	0.005 U	--	--	--	--	--	--
MW 64	cis-1,2-DCE	2005 -- 2022	18	11	61%	0.00014 J	0.32B	--	--	--	--	--	--
MW 65	cis-1,2-DCE	2005 -- 2022	18	18	100%	0.0035	3	0	-110	1.000	0%	NT or Decreasing	-3E-04
MW 66	cis-1,2-DCE	2005 -- 2022	29	21	72%	0.00012 J u	3.4	--	--	--	--	--	--
MW 66 (1)	cis-1,2-DCE	2008 -- 2022	23	23	100%	0.00012 J	3.4	0	207	0.000	100%	**Increasing**	6E-04
MW 68	cis-1,2-DCE	2005 -- 2022	35	35	100%	3	16	0	-463	1.000	0%	NT or Decreasing	-2E-03
MW 75	cis-1,2-DCE	2005 -- 2022	15	1	7%	0.001U	0.0007 J	--	--	--	--	--	--
MW 76/MW 76R-17	cis-1,2-DCE	2005 -- 2020	12	7	58%	0.00019 J	0.0032B	--	--	--	--	--	--
MW 79	cis-1,2-DCE	2005 -- 2022	25	25	100%	0.79	3.5	0	151	0.000	100%	**Increasing**	3E-04
MW 80	cis-1,2-DCE	2005 -- 2022	17	7	41%	0.00013 J	0.025	--	--	--	--	--	--
MW 81	cis-1,2-DCE	2005 -- 2022	18	12	67%	0.00024 J	0.19	--	--	--	--	--	--
MW 81 (1)	cis-1,2-DCE	2008 -- 2022	12	12	100%	0.00024 J	0.19	0	18	0.122	88%	NT or Decreasing	1E-05
MW 82	cis-1,2-DCE	2005 -- 2022	16	4	25%	0.00041 J	0.0022	--	--	--	--	--	--
MW 83	cis-1,2-DCE	2005 -- 2022	17	3	18%	0.00032 J	0.005 U	--	--	--	--	--	--
MW 84	cis-1,2-DCE	2005 -- 2022	11	2	18%	0.00027 J	0.001	--	--	--	--	--	--
MW 85	cis-1,2-DCE	2008 -- 2022	25	20	80%	0.001 U	10	0	166	0.000	100%	**Increasing**	2E-03
MW 86	cis-1,2-DCE	2010 -- 2022	11	0	0%	0.001U	0.005 U	--	--	--	--	--	--
MW 88	cis-1,2-DCE	2010 -- 2022	11	0	0%	0.001U	0.005 U	--	--	--	--	--	--
MW 89-11	cis-1,2-DCE	2011 -- 2022	17	5	29%	0.0003 J	0.0033 U	--	--	--	--	--	--
MW97R-16	cis-1,2-DCE	2016 -- 2022	5	1	20%	0.001U	0.0012	--	--	--	--	--	--
Pond Intake	cis-1,2-DCE	2005 -- 2022	45	30	67%	0.001 U	0.12	--	--	--	--	--	--
Pond Intake (1)(2)	cis-1,2-DCE	2005 -- 2022	32	32	100%	0.00019 J	0.12	0	339	0.000	100%	**Increasing**	2E-05
Pond North	cis-1,2-DCE	2005 -- 2022	45	31	69%	0.001 U	0.5	--	--	--	--	--	--
Pond North (1)(2)	cis-1,2-DCE	2005 -- 2022	33	33	100%	0.00016 J	0.5	0	234	0.000	100%	**Increasing**	3E-05
MW-2	VC	2005 -- 2022	45	30	67%	0.001 U	0.12	--	--	--	--	--	--
MW 3	VC	2005 -- 2022	32	32	100%	0.00019 J	0.12	0	339	0.000	100%	**Increasing**	2E-05
MW 3 (1)	VC	2005 -- 2022	45	31	69%	0.001 U	0.5	--	--	--	--	--	--
MW-4	VC	2005 -- 2022	33	33	100%	0.00016 J	0.5	0	234	0.000	100%	**Increasing**	3E-05
MW-7	VC	2014 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 8	VC	2005 -- 2022	32	32	100%	0.027	6.9	2	-191	0.999	0%	NT or Decreasing	-2E-04
MW 12	VC	2005 -- 2022	34	2	6%	0.001U	0.05 U	--	--	--	--	--	--
MW 14	VC	2005 -- 2022	34	34	100%	0.0087 J	0.51	0	-350	1.000	0%	NT or Decreasing	-5E-05
MW 15	VC	2005 -- 2022	19	16	84%	0.041	1.7	0	-88	0.999	0%	NT or Decreasing	-2E-04
MW 15 (2)(3)	VC	2005 -- 2022	12	9	75%	0.041	1.4	0	-43	0.998	0%	NT or Decreasing	-2E-04
MW 16	VC	2005 -- 2022	10	3	30%	0.001 U	0.63U	--	--	--	--	--	--

Descriptive Statistics and Trend Test Results
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Analyte	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum (mg/L)	Maximum (mg/L)	Number of Outliers	Mann-Kendall Trend test				Sen's Slope (units/day)
									Statistic	Probability	Confidence in trend	Conclusion	
MW 21	VC	2005 -- 2022	16	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 21 [2]	VC	2005 -- 2022	9	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 28	VC	2005 -- 2022	27	27	100%	0.057	0.22	0	179	0.000	100%	**Increasing**	2E-05
MW 31R	VC	2005 -- 2022	33	33	100%	0.63	13	0	-109	0.953	5%	NT or Decreasing	-5E-04
MW 37	VC	2005 -- 2022	15	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 40	VC	2005 -- 2022	35	35	100%	0.18 J	2.1	0	-261	1.000	0%	NT or Decreasing	-2E-04
MW 41	VC	2005 -- 2022	34	34	100%	0.14 J	0.73	0	101	0.069	93%	**Increasing**	3E-05
MW 42	VC	2005 -- 2022	34	32	94%	0.052J	0.26	0	-35	0.694	31%	NT or Decreasing	-5E-06
MW 46	VC	2005 -- 2022	16	0	0%	0.001U	0.002 U	--	--	--	--	--	--
MW 49 [5]	VC	2005 -- 2020	19	19	100%	0.011 J	0.085	0	-78	0.997	0%	NT or Decreasing	-2E-05
MW 51	VC	2008 -- 2019	21	12	57%	0.001 U	0.017 U	--	--	--	--	--	--
MW 51 [1]	VC	2013 -- 2019	13	12	92%	0.005 U	0.0079	0	30	0.038	96%	**Increasing**	1E-06
MW 56	VC	2005 -- 2022	17	1	6%	0.001U	0.00066J	--	--	--	--	--	--
MW 57	VC	2005 -- 2022	23	12	52%	0.00018 J	0.98	--	--	--	--	--	--
MW 58	VC	2005 -- 2022	18	16	89%	0.001 U	0.16	0	55	0.020	98%	**Increasing**	1E-05
MW 61	VC	2005 -- 2022	14	7	50%	0.00029 J	0.0013	--	--	--	--	--	--
MW 64	VC	2005 -- 2022	18	17	94%	0.001 U	0.089	0	121	0.000	100%	**Increasing**	9E-06
MW 65	VC	2005 -- 2022	18	14	78%	0.00049J	1.2 J	0	-77	0.998	0%	NT or Decreasing	-1E-04
MW 65 [1]	VC	2005 -- 2020	14	14	100%	0.00049J	1.2 J	0	-63	1.000	0%	NT or Decreasing	-2E-04
MW 66 [6]	VC	2005 -- 2022	27	26	96%	0.0031	0.33	0	102	0.017	98%	**Increasing**	2E-05
MW 68	VC	2005 -- 2022	35	35	100%	0.097 J	0.43 J	0	-202	0.998	0%	NT or Decreasing	-2E-05
MW 75	VC	2005 -- 2022	15	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 76/MW 76R-17	VC	2005 -- 2020	12	3	25%	0.00048 J	0.0016	--	--	--	--	--	--
MW 79	VC	2005 -- 2022	25	25	100%	0.12	0.6	0	66	0.064	94%	**Increasing**	3E-05
MW 80	VC	2005 -- 2022	17	17	100%	0.0134	0.16	0	12	0.325	67%	NT or Decreasing	2E-06
MW 81	VC	2005 -- 2022	18	18	100%	0.004 J	0.066	0	88	0.000	100%	**Increasing**	8E-06
MW 82	VC	2005 -- 2022	16	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 83	VC	2005 -- 2022	17	10	59%	0.0003 J	0.017	--	--	--	--	--	--
MW 83 [1]	VC	2011 -- 2020	9	9	100%	0.0003 J	0.015	0	35	0.000	100%	**Increasing**	5E-06
MW 84	VC	2005 -- 2022	11	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW 85	VC	2008 -- 2022	25	25	100%	0.25	0.84	0	-55	0.897	10%	NT or Decreasing	-4E-05
MW 86	VC	2010 -- 2022	11	0	0%	0.001U	0.002 U	--	--	--	--	--	--
MW 88	VC	2010 -- 2022	11	7	64%	0.00034 J	0.0067	--	--	--	--	--	--
MW 88 [1]	VC	2014 -- 2022	7	7	100%	0.00034 J	0.0067	0	21	0.001	100%	**Increasing**	2E-06
MW 89-11	VC	2011 -- 2022	17	0	0%	0.001U	0.001U	--	--	--	--	--	--
MW97R-16	VC	2016 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--	--
Pond Intake	VC	2005 -- 2022	45	34	76%	0.00038 J u	0.013	0	539	0.000	100%	**Increasing**	1E-06
Pond Intake [1][2]	VC	2005 -- 2022	35	35	100%	0.00038 J	0.013	0	233	0.000	100%	**Increasing**	8E-07
Pond North	VC	2005 -- 2022	44	35	80%	0.00035 J u	0.5	10	310	0.001	100%	**Increasing**	2E-06
Pond North [1][2]	VC	2005 -- 2022	37	37	100%	0.00035 J	0.5	1	100	0.098	90%	**Increasing**	1E-06

Notes:

[1] Tend test was calculated using detected values only, due to elevated detection limits for non-detects or due to detection frequency close to 75 percent.
[2] Due to changes in sampling frequency, earlier sampling events were excluded from the Mann-Kendall trend test to provide a consistent sampling interval corresponding to current program.
[3] Due to a gap in the monitoring record, the assumption of data equally spaced through time was not met, therefore supplementary tests were performed (see text for details).
[4] One observation (0.5 U mg/L in April 2006) was excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.
[5] Three observations (0.033 U mg/L in April 2015, 0.05 U in April 2018, and 0.04 U in October 2018) were excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.
[6] Two observations (0.2 U mg/L in April and October 2018) were excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.
-- Trend test not performed due to infrequent detections (i.e., fewer than 75 percent detects).
NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found. Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan, a 1-sided test is performed).

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Trichloroethene	MW-2	10/24/2013	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW-2	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW-2	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW-2	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW-2	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW-2	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW-2	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW-2	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 3	10/22/2016	4.9	-	-	-
Trichloroethene	MW 3	4/18/2017	11	-	-	-
Trichloroethene	MW 3	10/10/2017	4.4	-	-	-
Trichloroethene	MW 3	4/9/2018	7.8	-	-	-
Trichloroethene	MW 3	10/3/2018	8.5	-	-	-
Trichloroethene	MW 3	04/25/2019	7.8	-	-	-
Trichloroethene	MW 3	11/03/2020	2.1	-	-	-
Trichloroethene	MW 3	04/27/2022	14 / 14	-	-	-
Trichloroethene	MW-4	10/22/2016	1.7	-	-	-
Trichloroethene	MW-4	4/18/2017	1.1	-	-	-
Trichloroethene	MW-4	10/10/2017	2.4 / 2.1	-	-	-
Trichloroethene	MW-4	4/9/2018	1.3 / 1.4	-	-	-
Trichloroethene	MW-4	10/3/2018	1.6	-	-	-
Trichloroethene	MW-4	04/25/2019	0.8	-	-	-
Trichloroethene	MW-4	11/03/2020	1	-	-	-
Trichloroethene	MW-4	04/27/2022	0.66 / 0.75	-	-	-
Trichloroethene	MW-7	10/10/2017	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW-7	10/3/2018	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW-7	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW-7	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 8	10/22/2016	0.39	-	-	-
Trichloroethene	MW 8	4/18/2017	0.09 J	-	-	-
Trichloroethene	MW 8	10/10/2017	0.37	-	-	-
Trichloroethene	MW 8	4/9/2018	0.15 J	-	-	-
Trichloroethene	MW 8	10/3/2018	0.17	-	-	-
Trichloroethene	MW 8	04/25/2019	0.089	-	-	-
Trichloroethene	MW 8	11/03/2020	0.16	-	-	-
Trichloroethene	MW 8	04/27/2022	0.41	-	-	-
Trichloroethene	MW 12	10/22/2016	0.005 U	-	-	-
Trichloroethene	MW 12	4/18/2017	0.00085 J	-	-	-
Trichloroethene	MW 12	10/10/2017	0.0033 U	-	-	-
Trichloroethene	MW 12	4/9/2018	0.0026 J	-	-	-
Trichloroethene	MW 12	10/3/2018	0.005 U	-	-	-
Trichloroethene	MW 12	04/25/2019	0.00048J	-	-	-
Trichloroethene	MW 12	11/03/2020	0.00028J	-	-	-
Trichloroethene	MW 12	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 14	10/22/2016	0.2 U	-	-	-
Trichloroethene	MW 14	4/18/2017	0.13 U / 0.13 U	-	-	-
Trichloroethene	MW 14	10/10/2017	0.2 U / 0.2 U	-	-	-
Trichloroethene	MW 14	4/9/2018	0.2 U	-	-	-
Trichloroethene	MW 14	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 14	04/25/2019	0.14 U	-	-	-
Trichloroethene	MW 14	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 14	04/27/2022	0.13U / 0.13U	-	-	-
Trichloroethene	MW 15	10/24/2013	8.3	-	-	-
Trichloroethene	MW 15	10/23/2014	5.5	-	-	-
Trichloroethene	MW 15	10/13/2015	3	-	-	-
Trichloroethene	MW 15	10/22/2016	2.5	-	-	-
Trichloroethene	MW 15	10/10/2017	4.1	-	-	-
Trichloroethene	MW 15	10/3/2018	3.7	-	-	-
Trichloroethene	MW 15	11/03/2020	2.5	-	-	-
Trichloroethene	MW 15	04/27/2022	7.1	-	-	-
Trichloroethene	MW 16	4/15/2014	0.001 U	-	-	-
Trichloroethene	MW 16	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 16	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 16	10/10/2017	0.0017	-	-	-
Trichloroethene	MW 16	10/3/2018	0.005 U	-	-	-
Trichloroethene	MW 16	10/08/2019	0.63 U	-	-	-
Trichloroethene	MW 16	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 16	04/27/2022	1.9	-	-	-
Trichloroethene	MW 21	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 21	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 21	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 21	10/3/2018	0.0013	-	-	-
Trichloroethene	MW 21	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 21	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 28	10/22/2016	0.05 U	-	-	-
Trichloroethene	MW 28	4/18/2017	0.025 U	-	-	-
Trichloroethene	MW 28	10/10/2017	0.04 U	-	-	-
Trichloroethene	MW 28	4/9/2018	0.05 U	-	-	-
Trichloroethene	MW 28	10/3/2018	0.067 U / 0.067 U	-	-	-
Trichloroethene	MW 28	04/25/2019	0.04 U	-	-	-
Trichloroethene	MW 28	11/03/2020	0.067 U	-	-	-
Trichloroethene	MW 28	04/27/2022	0.08 U	-	-	-
Trichloroethene	MW 31R	10/22/2016	0.71 U / 0.71 U	-	-	-
Trichloroethene	MW 31R	4/18/2017	0.63 U	-	-	-
Trichloroethene	MW 31R	10/10/2017	0.83 U	-	-	-
Trichloroethene	MW 31R	4/9/2018	1 U	-	-	-
Trichloroethene	MW 31R	10/3/2018	1 U / 1 U	-	-	-
Trichloroethene	MW 31R	04/25/2019	5 U	-	-	-
Trichloroethene	MW 31R	11/03/2020	0.038 J	-	-	-

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Trichloroethene	MW 31R	04/27/2022	1 U	-	-	-
Trichloroethene	MW 37	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 37	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 37	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 37	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 37	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 37	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 37	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 37	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 40	10/22/2016	0.16 J	-	-	-
Trichloroethene	MW 40	4/18/2017	0.4	-	-	-
Trichloroethene	MW 40	10/10/2017	0.36 / 0.35	-	-	-
Trichloroethene	MW 40	4/9/2018	0.34	-	-	-
Trichloroethene	MW 40	10/3/2018	0.28	-	-	-
Trichloroethene	MW 40	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 40	11/03/2020	0.18	-	-	-
Trichloroethene	MW 40	04/27/2022	0.17 J	-	-	-
Trichloroethene	MW 41	10/22/2016	0.33 U	-	-	-
Trichloroethene	MW 41	4/18/2017	0.2 U	-	-	-
Trichloroethene	MW 41	10/10/2017	0.2 U	-	-	-
Trichloroethene	MW 41	4/9/2018	0.33 U	-	-	-
Trichloroethene	MW 41	10/3/2018	0.33 U	-	-	-
Trichloroethene	MW 41	04/25/2019	0.2 U / 0.2 U	-	-	-
Trichloroethene	MW 41	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 41	04/27/2022	0.1 U	-	-	-
Trichloroethene	MW 42	10/22/2016	0.2 U	-	-	-
Trichloroethene	MW 42	4/18/2017	0.035 J	-	-	-
Trichloroethene	MW 42	10/10/2017	0.1 U	-	-	-
Trichloroethene	MW 42	4/9/2018	0.2 U	-	-	-
Trichloroethene	MW 42	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 42	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 42	11/03/2020	0.0072	-	-	-
Trichloroethene	MW 42	04/27/2022	0.1 U	-	-	-
Trichloroethene	MW 46	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 46	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 46	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 46	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 46	10/3/2018	0.00015 J	-	-	-
Trichloroethene	MW 46	10/08/2019	0.001 U	-	-	-
Trichloroethene	MW 46	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 46	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 49	10/13/2015	0.04 U	-	-	-
Trichloroethene	MW 49	4/19/2016	0.033 U	-	-	-
Trichloroethene	MW 49	4/9/2018	0.05 U	-	-	-
Trichloroethene	MW 49	10/3/2018	0.047	-	-	-
Trichloroethene	MW 49	04/25/2019	0.029 J	-	-	-
Trichloroethene	MW 49	10/08/2019	0.05 U / 0.05 U	-	-	-
Trichloroethene	MW 49	11/03/2020	0.021 J	-	-	-
Trichloroethene	MW 49	04/27/2022	0.088	-	-	-
Trichloroethene	MW 51	10/13/2015	0.16	-	-	-
Trichloroethene	MW 51	4/19/2016	0.15	-	-	-
Trichloroethene	MW 51	10/22/2016	0.14	-	-	-
Trichloroethene	MW 51	4/18/2017	0.14	-	-	-
Trichloroethene	MW 51	10/10/2017	0.15	-	-	-
Trichloroethene	MW 51	4/9/2018	0.087 / 0.097	-	-	-
Trichloroethene	MW 51	10/3/2018	0.064	-	-	-
Trichloroethene	MW 51	04/25/2019	0.046 / 0.052	-	-	-
Trichloroethene	MW 56	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 56	10/23/2014	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 56	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 56	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 56	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 56	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 56	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 56	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 57	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 57	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 57	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 57	10/22/2016	0.002 U	-	-	-
Trichloroethene	MW 57	10/10/2017	0.0033 U	-	-	-
Trichloroethene	MW 57	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 57	11/03/2020	0.05 U	-	-	-
Trichloroethene	MW 57	04/27/2022	0.04 U	-	-	-
Trichloroethene	MW 58	10/24/2013	0.002 U	-	-	-
Trichloroethene	MW 58	10/23/2014	0.0033 U	-	-	-
Trichloroethene	MW 58	10/13/2015	0.005 U / 0.0057 U	-	-	-
Trichloroethene	MW 58	10/22/2016	0.05 U	-	-	-
Trichloroethene	MW 58	10/10/2017	0.05 U	-	-	-
Trichloroethene	MW 58	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 58	11/03/2020	0.14 U / 0.14 U	-	-	-
Trichloroethene	MW 58	04/27/2022	0.05 U	-	-	-
Trichloroethene	MW 61	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 61	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 61	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 61	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 61	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 61	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 61	11/03/2020	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 61	04/27/2022	0.001 U	-	-	-

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Trichloroethene	MW 64	10/24/2013	0.0017 U	-	-	-
Trichloroethene	MW 64	10/23/2014	0.0067 U	-	-	-
Trichloroethene	MW 64	10/13/2015	0.01 U	-	-	-
Trichloroethene	MW 64	10/22/2016	0.0025 U	-	-	-
Trichloroethene	MW 64	10/10/2017	0.0067 U	-	-	-
Trichloroethene	MW 64	10/3/2018	0.01 U / 0.01 U	-	-	-
Trichloroethene	MW 64	11/03/2020	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 64	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 65	10/24/2013	0.0057 U	-	-	-
Trichloroethene	MW 65	10/23/2014	0.002 U / 0.0017 U	-	-	-
Trichloroethene	MW 65	10/13/2015	0.002 U	-	-	-
Trichloroethene	MW 65	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 65	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 65	10/3/2018	0.00027 J	-	-	-
Trichloroethene	MW 65	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 65	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 66	10/22/2016	0.1 U	-	-	-
Trichloroethene	MW 66	10/10/2017	0.067 U	-	-	-
Trichloroethene	MW 66	4/9/2018	0.2 U	-	-	-
Trichloroethene	MW 66	10/3/2018	0.2 U	-	-	-
Trichloroethene	MW 66	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 66	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 66	04/27/2022	0.1 U	-	-	-
Trichloroethene	MW 68	10/22/2016	1.7	-	-	-
Trichloroethene	MW 68	10/10/2017	1.6	-	-	-
Trichloroethene	MW 68	4/9/2018	1.7	-	-	-
Trichloroethene	MW 68	10/3/2018	1.4	-	-	-
Trichloroethene	MW 68	04/25/2019	1.4	-	-	-
Trichloroethene	MW 68	11/03/2020	1.1 / 1.2	-	-	-
Trichloroethene	MW 68	04/27/2022	0.97	-	-	-
Trichloroethene	MW 75	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 75	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 75	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 75	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 75	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 75	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 75	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/24/2013	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 76/MW 76R-17	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 79	10/22/2016	0.1 U	-	-	-
Trichloroethene	MW 79	10/10/2017	0.05 U	-	-	-
Trichloroethene	MW 79	4/9/2018	0.1 U	-	-	-
Trichloroethene	MW 79	10/3/2018	0.1 U	-	-	-
Trichloroethene	MW 79	04/25/2019	0.1 U	-	-	-
Trichloroethene	MW 79	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 79	04/27/2022	0.1 U	-	-	-
Trichloroethene	MW 80	10/24/2013	0.0017 U	-	-	-
Trichloroethene	MW 80	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 80	10/13/2015	0.0017 U	-	-	-
Trichloroethene	MW 80	10/22/2016	0.0018 U	-	-	-
Trichloroethene	MW 80	10/10/2017	0.002 U	-	-	-
Trichloroethene	MW 80	10/3/2018	0.002 U	-	-	-
Trichloroethene	MW 80	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 80	04/27/2022	0.004 U / 0.004 U	-	-	-
Trichloroethene	MW 81	10/24/2013	0.005 U	-	-	-
Trichloroethene	MW 81	10/23/2014	0.0067 U	-	-	-
Trichloroethene	MW 81	10/13/2015	0.008 U	-	-	-
Trichloroethene	MW 81	10/22/2016	0.005 U	-	-	-
Trichloroethene	MW 81	10/10/2017	0.0033 U	-	-	-
Trichloroethene	MW 81	10/3/2018	0.004 U	-	-	-
Trichloroethene	MW 81	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 81	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 82	10/24/2013	0.00066 J	-	-	-
Trichloroethene	MW 82	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 82	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 82	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 82	10/10/2017	0.00097 J/ 0.00096 J	-	-	-
Trichloroethene	MW 82	10/3/2018	0.00014 J / 0.00012 J	-	-	-
Trichloroethene	MW 82	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 82	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 83	10/24/2013	0.00023 J	-	-	-
Trichloroethene	MW 83	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 83	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 83	10/22/2016	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 83	10/10/2017	0.00045 J	-	-	-
Trichloroethene	MW 83	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 83	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 83	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 84	4/15/2014	0.001 U	-	-	-
Trichloroethene	MW 84	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 84	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 84	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 84	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 84	10/08/2019	0.001 U	-	-	-
Trichloroethene	MW 84	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 84	04/27/2022	0.001 U	-	-	-

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Trichloroethene	MW 85	10/22/2016	0.56 U	-	-	-
Trichloroethene	MW 85	10/10/2017	0.2 U	-	-	-
Trichloroethene	MW 85	4/9/2018	0.5 U	-	-	-
Trichloroethene	MW 85	10/3/2018	0.5 U	-	-	-
Trichloroethene	MW 85	04/25/2019	0.2 U	-	-	-
Trichloroethene	MW 85	11/03/2020	0.33 U	-	-	-
Trichloroethene	MW 85	04/27/2022	0.1 U	-	-	-
Trichloroethene	MW 86	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 86	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 86	10/13/2015	0.001 U	-	-	-
Trichloroethene	MW 86	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW 86	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 86	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 86	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 86	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 88	10/24/2013	0.001 U	-	-	-
Trichloroethene	MW 88	10/23/2014	0.001 U	-	-	-
Trichloroethene	MW 88	10/13/2015	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 88	10/22/2016	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 88	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 88	10/3/2018	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 88	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 88	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/22/2016	0.001 U / 0.001 U	-	-	-
Trichloroethene	MW 89-11	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW 89-11	4/9/2018	0.001 U	-	-	-
Trichloroethene	MW 89-11	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW 89-11	04/25/2019	0.001 U	-	-	-
Trichloroethene	MW 89-11	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW 89-11	04/27/2022	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/22/2016	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/10/2017	0.001 U	-	-	-
Trichloroethene	MW97R-16	10/3/2018	0.001 U	-	-	-
Trichloroethene	MW97R-16	11/03/2020	0.001 U	-	-	-
Trichloroethene	MW97R-16	04/27/2022	0.001 U	-	-	-
Trichloroethene	Pond Intake	10/10/2017	0.002 U	-	-	-
Trichloroethene	Pond Intake	4/9/2018	0.005 U	-	-	-
Trichloroethene	Pond Intake	7/5/2018	0.0033 U / 0.0033 U	-	-	-
Trichloroethene	Pond Intake	10/3/2018	0.005 U	-	-	-
Trichloroethene	Pond Intake	04/25/2019	0.001 J / 0.0009 J	-	-	-
Trichloroethene	Pond Intake	10/08/2019	0.0017 U	-	-	-
Trichloroethene	Pond Intake	11/03/2020	0.0025 U	-	-	-
Trichloroethene	Pond Intake	04/27/2022	0.001 U	-	-	-
Trichloroethene	Pond North	10/10/2017	0.01 U	-	-	-
Trichloroethene	Pond North	4/9/2018	0.011 U / 0.01 U	-	-	-
Trichloroethene	Pond North	7/5/2018	0.0063 U	-	-	-
Trichloroethene	Pond North	10/3/2018	0.0067 U / 0.0067 U	-	-	-
Trichloroethene	Pond North	04/25/2019	0.0011 J	-	-	-
Trichloroethene	Pond North	10/08/2019	0.005 U / 0.005 U	-	-	-
Trichloroethene	Pond North	11/03/2020	0.01 U / 0.01 U	-	-	-
Trichloroethene	Pond North	04/27/2022	0.002 U / 0.002 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/29/2013	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	10/10/2017	0.0014	-	-	-
cis-1,2-Dichloroethene	MW-2	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-2	11/03/2020	0.001U	-	-	-
cis-1,2-Dichloroethene	MW-2	04/27/2022	0.001U	-	-	-
cis-1,2-Dichloroethene	MW 3	10/21/2016	1.9	-	-	-
cis-1,2-Dichloroethene	MW 3	4/18/2017	7.4	-	-	-
cis-1,2-Dichloroethene	MW 3	10/10/2017	1.6	-	-	-
cis-1,2-Dichloroethene	MW 3	4/11/2018	3.2	-	-	-
cis-1,2-Dichloroethene	MW 3	10/10/2018	4.8	-	-	-
cis-1,2-Dichloroethene	MW 3	04/25/2019	2.5	-	-	-
cis-1,2-Dichloroethene	MW 3	11/03/2020	0.63	-	-	-
cis-1,2-Dichloroethene	MW 3	04/27/2022	5.5 / 5.7	-	-	-
cis-1,2-Dichloroethene	MW-4	10/21/2016	7.9	-	-	-
cis-1,2-Dichloroethene	MW-4	4/18/2017	8.6	-	-	-
cis-1,2-Dichloroethene	MW-4	10/10/2017	8.6 / 8	-	-	-
cis-1,2-Dichloroethene	MW-4	4/11/2018	8.8 / 8.3	-	-	-
cis-1,2-Dichloroethene	MW-4	10/10/2018	8.9	-	-	-
cis-1,2-Dichloroethene	MW-4	04/25/2019	6.8	-	-	-
cis-1,2-Dichloroethene	MW-4	11/03/2020	7.8	-	-	-
cis-1,2-Dichloroethene	MW-4	04/27/2022	5.9 / 5.6	-	-	-
cis-1,2-Dichloroethene	MW-7	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	10/10/2017	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	10/10/2018	0.00018 J / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW-7	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 8	10/21/2016	4.3	-	-	-
cis-1,2-Dichloroethene	MW 8	4/18/2017	3.1	-	-	-
cis-1,2-Dichloroethene	MW 8	10/10/2017	4	-	-	-
cis-1,2-Dichloroethene	MW 8	4/11/2018	3.6	-	-	-
cis-1,2-Dichloroethene	MW 8	10/10/2018	2.2	-	-	-
cis-1,2-Dichloroethene	MW 8	04/25/2019	1.4	-	-	-
cis-1,2-Dichloroethene	MW 8	11/03/2020	2.2	-	-	-
cis-1,2-Dichloroethene	MW 8	04/27/2022	0.95	-	-	-

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cis-1,2-Dichloroethene	MW 12	10/21/2016	0.12	-	-	-
cis-1,2-Dichloroethene	MW 12	4/18/2017	0.11	-	-	-
cis-1,2-Dichloroethene	MW 12	10/10/2017	0.1	-	-	-
cis-1,2-Dichloroethene	MW 12	4/11/2018	0.1	-	-	-
cis-1,2-Dichloroethene	MW 12	10/10/2018	0.08	-	-	-
cis-1,2-Dichloroethene	MW 12	04/25/2019	0.09	-	-	-
cis-1,2-Dichloroethene	MW 12	11/03/2020	0.072	-	-	-
cis-1,2-Dichloroethene	MW 12	04/27/2022	0.056	-	-	-
cis-1,2-Dichloroethene	MW 14	10/21/2016	4.4	-	-	-
cis-1,2-Dichloroethene	MW 14	4/18/2017	4.1 / 3.9	-	-	-
cis-1,2-Dichloroethene	MW 14	10/10/2017	4.1 / 4	-	-	-
cis-1,2-Dichloroethene	MW 14	4/11/2018	4	-	-	-
cis-1,2-Dichloroethene	MW 14	10/10/2018	4.1	-	-	-
cis-1,2-Dichloroethene	MW 14	04/25/2019	3.2	-	-	-
cis-1,2-Dichloroethene	MW 14	11/03/2020	3B	-	-	-
cis-1,2-Dichloroethene	MW 14	04/27/2022	3.2 / 3.2	-	-	-
cis-1,2-Dichloroethene	MW 15	10/29/2013	12	-	-	-
cis-1,2-Dichloroethene	MW 15	10/27/2014	6.3	-	-	-
cis-1,2-Dichloroethene	MW 15	10/14/2015	4.4	-	-	-
cis-1,2-Dichloroethene	MW 15	10/21/2016	1.7	-	-	-
cis-1,2-Dichloroethene	MW 15	10/10/2017	3.5	-	-	-
cis-1,2-Dichloroethene	MW 15	10/10/2018	5.4	-	-	-
cis-1,2-Dichloroethene	MW 15	11/03/2020	1.9	-	-	-
cis-1,2-Dichloroethene	MW 15	04/27/2022	11	-	-	-
cis-1,2-Dichloroethene	MW 16	4/15/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/14/2015	0.00026 J	-	-	-
cis-1,2-Dichloroethene	MW 16	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/10/2017	0.0019	-	-	-
cis-1,2-Dichloroethene	MW 16	10/10/2018	0.005 U	-	-	-
cis-1,2-Dichloroethene	MW 16	10/08/2019	9.6	-	-	-
cis-1,2-Dichloroethene	MW 16	11/03/2020	5.6B	-	-	-
cis-1,2-Dichloroethene	MW 16	04/27/2022	2.5	-	-	-
cis-1,2-Dichloroethene	MW 21	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	10/10/2018	0.00046 J	-	-	-
cis-1,2-Dichloroethene	MW 21	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 21	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 28	10/21/2016	0.86	-	-	-
cis-1,2-Dichloroethene	MW 28	4/18/2017	0.85	-	-	-
cis-1,2-Dichloroethene	MW 28	10/10/2017	0.92	-	-	-
cis-1,2-Dichloroethene	MW 28	4/11/2018	0.97	-	-	-
cis-1,2-Dichloroethene	MW 28	10/10/2018	1 / 1	-	-	-
cis-1,2-Dichloroethene	MW 28	04/25/2019	1	-	-	-
cis-1,2-Dichloroethene	MW 28	11/03/2020	1.3	-	-	-
cis-1,2-Dichloroethene	MW 28	04/27/2022	2.1	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/21/2016	18 / 18	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/18/2017	18	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/10/2017	69	-	-	-
cis-1,2-Dichloroethene	MW 31R	4/11/2018	20	-	-	-
cis-1,2-Dichloroethene	MW 31R	10/10/2018	33 / 32	-	-	-
cis-1,2-Dichloroethene	MW 31R	04/25/2019	95	-	-	-
cis-1,2-Dichloroethene	MW 31R	11/03/2020	16	-	-	-
cis-1,2-Dichloroethene	MW 31R	04/27/2022	66	-	-	-
cis-1,2-Dichloroethene	MW 37	10/29/2013	0.0011	-	-	-
cis-1,2-Dichloroethene	MW 37	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 37	11/03/2020	ND(0.001) J	-	-	-
cis-1,2-Dichloroethene	MW 37	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 40	10/21/2016	5	-	-	-
cis-1,2-Dichloroethene	MW 40	4/18/2017	5.4	-	-	-
cis-1,2-Dichloroethene	MW 40	10/10/2017	5.4 / 5.5	-	-	-
cis-1,2-Dichloroethene	MW 40	4/11/2018	5.8	-	-	-
cis-1,2-Dichloroethene	MW 40	10/10/2018	5.4	-	-	-
cis-1,2-Dichloroethene	MW 40	04/25/2019	4.6	-	-	-
cis-1,2-Dichloroethene	MW 40	11/03/2020	3.1	-	-	-
cis-1,2-Dichloroethene	MW 40	04/27/2022	4.5	-	-	-
cis-1,2-Dichloroethene	MW 41	10/21/2016	5.2	-	-	-
cis-1,2-Dichloroethene	MW 41	4/18/2017	6	-	-	-
cis-1,2-Dichloroethene	MW 41	10/10/2017	5.4	-	-	-
cis-1,2-Dichloroethene	MW 41	4/11/2018	5.8	-	-	-
cis-1,2-Dichloroethene	MW 41	10/10/2018	4.8	-	-	-
cis-1,2-Dichloroethene	MW 41	04/25/2019	5.1 / 5.1	-	-	-
cis-1,2-Dichloroethene	MW 41	11/03/2020	4.2B	-	-	-
cis-1,2-Dichloroethene	MW 41	04/27/2022	2.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/21/2016	3.2	-	-	-
cis-1,2-Dichloroethene	MW 42	4/18/2017	2.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/10/2017	3.7	-	-	-
cis-1,2-Dichloroethene	MW 42	4/11/2018	3.9	-	-	-
cis-1,2-Dichloroethene	MW 42	10/10/2018	3.5	-	-	-
cis-1,2-Dichloroethene	MW 42	04/25/2019	2.4	-	-	-
cis-1,2-Dichloroethene	MW 42	11/03/2020	2.9B	-	-	-
cis-1,2-Dichloroethene	MW 42	04/27/2022	3.2	-	-	-
cis-1,2-Dichloroethene	MW 46	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/21/2016	0.001 U	-	-	-

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cis-1,2-Dichloroethene	MW 46	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	10/08/2019	0.0005J	-	-	-
cis-1,2-Dichloroethene	MW 46	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 46	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 49	4/20/2016	0.83	-	-	-
cis-1,2-Dichloroethene	MW 49	4/11/2018	0.89	-	-	-
cis-1,2-Dichloroethene	MW 49	10/10/2018	0.89	-	-	-
cis-1,2-Dichloroethene	MW 49	04/25/2019	0.83	-	-	-
cis-1,2-Dichloroethene	MW 49	10/08/2019	0.69 / 0.70	-	-	-
cis-1,2-Dichloroethene	MW 49	11/03/2020	0.6	-	-	-
cis-1,2-Dichloroethene	MW 49	04/27/2022	0.43	-	-	-
cis-1,2-Dichloroethene	MW 51	4/20/2016	0.011	-	-	-
cis-1,2-Dichloroethene	MW 51	10/21/2016	0.012	-	-	-
cis-1,2-Dichloroethene	MW 51	4/18/2017	0.015	-	-	-
cis-1,2-Dichloroethene	MW 51	10/10/2017	0.028	-	-	-
cis-1,2-Dichloroethene	MW 51	4/11/2018	0.032 / 0.034	-	-	-
cis-1,2-Dichloroethene	MW 51	10/10/2018	0.079	-	-	-
cis-1,2-Dichloroethene	MW 51	04/25/2019	0.15 / 0.16	-	-	-
cis-1,2-Dichloroethene	MW 56	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/27/2014	0.0002 J / 0.00021 J	-	-	-
cis-1,2-Dichloroethene	MW 56	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 56	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/21/2016	0.0042	-	-	-
cis-1,2-Dichloroethene	MW 57	10/10/2017	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 57	10/10/2018	0.0082 U	-	-	-
cis-1,2-Dichloroethene	MW 57	11/03/2020	0.18	-	-	-
cis-1,2-Dichloroethene	MW 57	04/27/2022	0.04 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/29/2013	0.002 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/27/2014	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 58	10/14/2015	0.028 / 0.028	-	-	-
cis-1,2-Dichloroethene	MW 58	10/21/2016	1.1	-	-	-
cis-1,2-Dichloroethene	MW 58	10/10/2017	2.2	-	-	-
cis-1,2-Dichloroethene	MW 58	10/10/2018	3	-	-	-
cis-1,2-Dichloroethene	MW 58	11/03/2020	2.9 / 2.9	-	-	-
cis-1,2-Dichloroethene	MW 58	04/27/2022	2.5	-	-	-
cis-1,2-Dichloroethene	MW 61	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/21/2016	0.00035 J	-	-	-
cis-1,2-Dichloroethene	MW 61	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 61	11/03/2020	0.001 UJB / 0.001 UJB	-	-	-
cis-1,2-Dichloroethene	MW 61	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 64	10/29/2013	0.025	-	-	-
cis-1,2-Dichloroethene	MW 64	10/27/2014	0.22	-	-	-
cis-1,2-Dichloroethene	MW 64	10/14/2015	0.25	-	-	-
cis-1,2-Dichloroethene	MW 64	10/21/2016	0.062	-	-	-
cis-1,2-Dichloroethene	MW 64	10/10/2017	0.23	-	-	-
cis-1,2-Dichloroethene	MW 64	10/10/2018	0.21 / 0.21	-	-	-
cis-1,2-Dichloroethene	MW 64	11/03/2020	0.31B / 0.32B	-	-	-
cis-1,2-Dichloroethene	MW 64	04/27/2022	0.009	-	-	-
cis-1,2-Dichloroethene	MW 65	10/29/2013	0.21	-	-	-
cis-1,2-Dichloroethene	MW 65	10/27/2014	0.053 / 0.064	-	-	-
cis-1,2-Dichloroethene	MW 65	10/14/2015	0.051	-	-	-
cis-1,2-Dichloroethene	MW 65	10/21/2016	0.028	-	-	-
cis-1,2-Dichloroethene	MW 65	10/10/2017	0.02	-	-	-
cis-1,2-Dichloroethene	MW 65	10/10/2018	0.015	-	-	-
cis-1,2-Dichloroethene	MW 65	11/03/2020	0.0082B	-	-	-
cis-1,2-Dichloroethene	MW 65	04/27/2022	0.0035	-	-	-
cis-1,2-Dichloroethene	MW 66	10/21/2016	1.8	-	-	-
cis-1,2-Dichloroethene	MW 66	4/18/2017	2.2	-	-	-
cis-1,2-Dichloroethene	MW 66	10/10/2017	3	-	-	-
cis-1,2-Dichloroethene	MW 66	4/11/2018	2.6	-	-	-
cis-1,2-Dichloroethene	MW 66	10/10/2018	3.4	-	-	-
cis-1,2-Dichloroethene	MW 66	04/25/2019	3.3	-	-	-
cis-1,2-Dichloroethene	MW 66	11/03/2020	2.3B	-	-	-
cis-1,2-Dichloroethene	MW 66	04/27/2022	2	-	-	-
cis-1,2-Dichloroethene	MW 68	10/21/2016	3.5	-	-	-
cis-1,2-Dichloroethene	MW 68	4/18/2017	3.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/10/2017	4.2	-	-	-
cis-1,2-Dichloroethene	MW 68	4/11/2018	3.7	-	-	-
cis-1,2-Dichloroethene	MW 68	10/10/2018	4.4	-	-	-
cis-1,2-Dichloroethene	MW 68	04/25/2019	4.4	-	-	-
cis-1,2-Dichloroethene	MW 68	11/03/2020	3 / 3	-	-	-
cis-1,2-Dichloroethene	MW 68	04/27/2022	3.2	-	-	-
cis-1,2-Dichloroethene	MW 75	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/21/2016	0.0007 J	-	-	-
cis-1,2-Dichloroethene	MW 75	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 75	11/03/2020	0.001 U	-	-	-

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cis-1,2-Dichloroethene	MW 75	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/29/2013	0.00043 J / 0.00036 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/27/2014	0.00043 J	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/10/2017	0.0027	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	10/10/2018	0.0028	-	-	-
cis-1,2-Dichloroethene	MW 76/MW 76R-17	11/03/2020	0.0032B	-	-	-
cis-1,2-Dichloroethene	MW 79	10/21/2016	2.1	-	-	-
cis-1,2-Dichloroethene	MW 79	4/18/2017	2.3 / 2.3	-	-	-
cis-1,2-Dichloroethene	MW 79	10/10/2017	2.5	-	-	-
cis-1,2-Dichloroethene	MW 79	4/11/2018	3.5	-	-	-
cis-1,2-Dichloroethene	MW 79	10/10/2018	2.4	-	-	-
cis-1,2-Dichloroethene	MW 79	04/25/2019	2.2	-	-	-
cis-1,2-Dichloroethene	MW 79	11/03/2020	1.5B	-	-	-
cis-1,2-Dichloroethene	MW 79	04/27/2022	2.1	-	-	-
cis-1,2-Dichloroethene	MW 80	10/29/2013	0.0017 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 80	10/14/2015	0.0012 J	-	-	-
cis-1,2-Dichloroethene	MW 80	10/21/2016	0.025	-	-	-
cis-1,2-Dichloroethene	MW 80	10/10/2017	0.0086	-	-	-
cis-1,2-Dichloroethene	MW 80	10/10/2018	0.015	-	-	-
cis-1,2-Dichloroethene	MW 80	11/03/2020	0.013B	-	-	-
cis-1,2-Dichloroethene	MW 80	04/27/2022	0.0064 / 0.007	-	-	-
cis-1,2-Dichloroethene	MW 81	10/29/2013	0.15	-	-	-
cis-1,2-Dichloroethene	MW 81	10/27/2014	0.17	-	-	-
cis-1,2-Dichloroethene	MW 81	10/14/2015	0.19	-	-	-
cis-1,2-Dichloroethene	MW 81	10/21/2016	0.077	-	-	-
cis-1,2-Dichloroethene	MW 81	10/10/2017	0.096	-	-	-
cis-1,2-Dichloroethene	MW 81	10/10/2018	0.078	-	-	-
cis-1,2-Dichloroethene	MW 81	11/03/2020	0.057	-	-	-
cis-1,2-Dichloroethene	MW 81	04/27/2022	0.028	-	-	-
cis-1,2-Dichloroethene	MW 82	10/29/2013	0.0022	-	-	-
cis-1,2-Dichloroethene	MW 82	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/14/2015	0.00041 J	-	-	-
cis-1,2-Dichloroethene	MW 82	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	10/10/2017	0.002 / 0.002	-	-	-
cis-1,2-Dichloroethene	MW 82	10/10/2018	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 82	11/03/2020	ND(0.001)JB	-	-	-
cis-1,2-Dichloroethene	MW 82	04/27/2022	0.00067J	-	-	-
cis-1,2-Dichloroethene	MW 83	10/29/2013	0.00032 J	-	-	-
cis-1,2-Dichloroethene	MW 83	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/21/2016	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	10/10/2017	0.00041 J	-	-	-
cis-1,2-Dichloroethene	MW 83	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 83	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	4/15/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/14/2015	0.00027 J	-	-	-
cis-1,2-Dichloroethene	MW 84	10/21/2016	0.001	-	-	-
cis-1,2-Dichloroethene	MW 84	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	10/08/2019	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 84	11/03/2020	ND(0.001)JB	-	-	-
cis-1,2-Dichloroethene	MW 84	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 85	10/21/2016	8.4	-	-	-
cis-1,2-Dichloroethene	MW 85	4/18/2017	8.4	-	-	-
cis-1,2-Dichloroethene	MW 85	10/10/2017	8.6	-	-	-
cis-1,2-Dichloroethene	MW 85	4/11/2018	7.3	-	-	-
cis-1,2-Dichloroethene	MW 85	10/10/2018	8	-	-	-
cis-1,2-Dichloroethene	MW 85	04/25/2019	4.4	-	-	-
cis-1,2-Dichloroethene	MW 85	11/03/2020	6.1	-	-	-
cis-1,2-Dichloroethene	MW 85	04/27/2022	5.2	-	-	-
cis-1,2-Dichloroethene	MW 86	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/14/2015	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/21/2016	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 86	11/03/2020	ND(0.001) J	-	-	-
cis-1,2-Dichloroethene	MW 86	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/29/2013	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/27/2014	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/14/2015	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/21/2016	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	10/10/2018	0.001 U / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 88	11/03/2020	ND(0.001) J	-	-	-
cis-1,2-Dichloroethene	MW 88	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/21/2016	0.0003 J / 0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/18/2017	0.0033 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/10/2017	0.00059 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	4/11/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	10/10/2018	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW 89-11	04/25/2019	0.00037 J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	11/03/2020	ND(0.001) J	-	-	-
cis-1,2-Dichloroethene	MW 89-11	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/21/2016	0.0012	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/10/2017	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	10/10/2018	0.001 U	-	-	-

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cis-1,2-Dichloroethene	MW97R-16	11/03/2020	0.001 U	-	-	-
cis-1,2-Dichloroethene	MW97R-16	04/27/2022	0.001 U	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/10/2017	0.052	-	-	-
cis-1,2-Dichloroethene	Pond Intake	4/11/2018	0.12	-	-	-
cis-1,2-Dichloroethene	Pond Intake	7/5/2018	0.072 / 0.077	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/10/2018	0.1	-	-	-
cis-1,2-Dichloroethene	Pond Intake	04/25/2019	0.12/0.10	-	-	-
cis-1,2-Dichloroethene	Pond Intake	10/08/2019	0.061	-	-	-
cis-1,2-Dichloroethene	Pond Intake	11/03/2020	0.076	-	-	-
cis-1,2-Dichloroethene	Pond Intake	04/27/2022	0.067	-	-	-
cis-1,2-Dichloroethene	Pond North	10/10/2017	0.35	-	-	-
cis-1,2-Dichloroethene	Pond North	4/11/2018	0.21 / 0.22	-	-	-
cis-1,2-Dichloroethene	Pond North	7/5/2018	0.16	-	-	-
cis-1,2-Dichloroethene	Pond North	10/10/2018	0.13 / 0.13	-	-	-
cis-1,2-Dichloroethene	Pond North	04/25/2019	0.18	-	-	-
cis-1,2-Dichloroethene	Pond North	10/08/2019	0.1 / 0.1	-	-	-
cis-1,2-Dichloroethene	Pond North	11/03/2020	0.2 / 0.2	-	-	-
cis-1,2-Dichloroethene	Pond North	04/27/2022	0.1 / 0.1	-	-	-
Vinyl chloride	MW-2	10/24/2013	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW-2	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW-2	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW-2	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW-2	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW-2	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW-2	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW-2	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 3	10/21/2016	0.25 U	-	-	-
Vinyl chloride	MW 3	4/18/2017	0.25 U	-	-	-
Vinyl chloride	MW 3	10/10/2017	0.1 U	-	-	-
Vinyl chloride	MW 3	4/11/2018	0.5 U	-	-	-
Vinyl chloride	MW 3	10/4/2018	0.25 U	-	-	-
Vinyl chloride	MW 3	04/25/2019	0.2U	-	-	-
Vinyl chloride	MW 3	11/03/2020	0.026	-	-	-
Vinyl chloride	MW 3	04/27/2022	0.4 U / 0.4 U	-	-	-
Vinyl chloride	MW-4	10/21/2016	0.63	-	-	-
Vinyl chloride	MW-4	4/18/2017	0.84	-	-	-
Vinyl chloride	MW-4	10/10/2017	0.73 / 0.66	-	-	-
Vinyl chloride	MW-4	4/11/2018	0.68 / 0.65	-	-	-
Vinyl chloride	MW-4	10/4/2018	0.68	-	-	-
Vinyl chloride	MW-4	04/25/2019	0.5	-	-	-
Vinyl chloride	MW-4	11/03/2020	0.56	-	-	-
Vinyl chloride	MW-4	04/27/2022	0.38 / 0.35	-	-	-
Vinyl chloride	MW-7	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW-7	10/10/2017	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW-7	10/4/2018	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW-7	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW-7	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 8	10/21/2016	1.3	-	-	-
Vinyl chloride	MW 8	4/18/2017	1.6	-	-	-
Vinyl chloride	MW 8	10/10/2017	1.3	-	-	-
Vinyl chloride	MW 8	4/11/2018	0.62	-	-	-
Vinyl chloride	MW 8	10/4/2018	0.64	-	-	-
Vinyl chloride	MW 8	04/25/2019	0.87	-	-	-
Vinyl chloride	MW 8	11/03/2020	0.71	-	-	-
Vinyl chloride	MW 8	04/27/2022	0.32	-	-	-
Vinyl chloride	MW 12	10/21/2016	0.005 U	-	-	-
Vinyl chloride	MW 12	4/18/2017	0.0025 U	-	-	-
Vinyl chloride	MW 12	10/10/2017	0.0033 U	-	-	-
Vinyl chloride	MW 12	4/11/2018	0.0067 U	-	-	-
Vinyl chloride	MW 12	10/4/2018	0.005 U	-	-	-
Vinyl chloride	MW 12	04/25/2019	0.0033 U	-	-	-
Vinyl chloride	MW 12	11/03/2020	0.0005 J	-	-	-
Vinyl chloride	MW 12	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 14	10/21/2016	0.12 J	-	-	-
Vinyl chloride	MW 14	4/18/2017	0.13/0.13	-	-	-
Vinyl chloride	MW 14	10/10/2017	0.15 J/0.15 J	-	-	-
Vinyl chloride	MW 14	4/11/2018	0.11 J	-	-	-
Vinyl chloride	MW 14	10/4/2018	0.13 J	-	-	-
Vinyl chloride	MW 14	04/25/2019	0.1 J	-	-	-
Vinyl chloride	MW 14	11/03/2020	0.13	-	-	-
Vinyl chloride	MW 14	04/27/2022	0.13 / 0.12 J	-	-	-
Vinyl chloride	MW 15	10/24/2013	0.56	-	-	-
Vinyl chloride	MW 15	10/23/2014	0.5 U	-	-	-
Vinyl chloride	MW 15	10/14/2015	0.094 J	-	-	-
Vinyl chloride	MW 15	10/21/2016	0.1 U	-	-	-
Vinyl chloride	MW 15	10/10/2017	0.052 J	-	-	-
Vinyl chloride	MW 15	10/4/2018	0.063 J	-	-	-
Vinyl chloride	MW 15	11/03/2020	0.041	-	-	-
Vinyl chloride	MW 15	04/27/2022	0.4 U	-	-	-
Vinyl chloride	MW 16	4/15/2014	0.001 U	-	-	-
Vinyl chloride	MW 16	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 16	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 16	10/10/2017	0.03	-	-	-
Vinyl chloride	MW 16	10/4/2018	0.22	-	-	-
Vinyl chloride	MW 16	10/08/2019	0.63 U	-	-	-
Vinyl chloride	MW 16	11/03/2020	0.019	-	-	-
Vinyl chloride	MW 16	04/27/2022	0.1 U	-	-	-
Vinyl chloride	MW 21	10/14/2015	0.001 U	-	-	-

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Vinyl chloride	MW 21	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 21	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 21	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 21	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 21	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 28	10/21/2016	0.19	-	-	-
Vinyl chloride	MW 28	4/18/2017	0.18	-	-	-
Vinyl chloride	MW 28	10/10/2017	0.2	-	-	-
Vinyl chloride	MW 28	4/11/2018	0.17	-	-	-
Vinyl chloride	MW 28	10/4/2018	0.15 / 0.16	-	-	-
Vinyl chloride	MW 28	04/25/2019	0.13	-	-	-
Vinyl chloride	MW 28	11/03/2020	0.18	-	-	-
Vinyl chloride	MW 28	04/27/2022	0.22	-	-	-
Vinyl chloride	MW 31R	10/21/2016	3.4 / 3.4	-	-	-
Vinyl chloride	MW 31R	4/18/2017	2	-	-	-
Vinyl chloride	MW 31R	10/10/2017	9	-	-	-
Vinyl chloride	MW 31R	4/11/2018	1.1	-	-	-
Vinyl chloride	MW 31R	10/4/2018	2.4 / 2.1	-	-	-
Vinyl chloride	MW 31R	04/25/2019	5.7	-	-	-
Vinyl chloride	MW 31R	11/03/2020	3.5	-	-	-
Vinyl chloride	MW 31R	04/27/2022	6.7	-	-	-
Vinyl chloride	MW 37	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 37	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW 37	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 37	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 37	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 37	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 37	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 37	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 40	10/21/2016	0.31	-	-	-
Vinyl chloride	MW 40	4/18/2017	0.26	-	-	-
Vinyl chloride	MW 40	10/10/2017	0.17 / 0.18	-	-	-
Vinyl chloride	MW 40	4/11/2018	0.18 J	-	-	-
Vinyl chloride	MW 40	10/4/2018	0.22	-	-	-
Vinyl chloride	MW 40	04/25/2019	0.24	-	-	-
Vinyl chloride	MW 40	11/03/2020	0.22	-	-	-
Vinyl chloride	MW 40	04/27/2022	0.28	-	-	-
Vinyl chloride	MW 41	10/21/2016	0.35	-	-	-
Vinyl chloride	MW 41	4/18/2017	0.44	-	-	-
Vinyl chloride	MW 41	10/10/2017	0.38	-	-	-
Vinyl chloride	MW 41	4/11/2018	0.3 J	-	-	-
Vinyl chloride	MW 41	10/4/2018	0.21 J	-	-	-
Vinyl chloride	MW 41	04/25/2019	0.35 / 0.34	-	-	-
Vinyl chloride	MW 41	11/03/2020	0.24	-	-	-
Vinyl chloride	MW 41	04/27/2022	0.16	-	-	-
Vinyl chloride	MW 42	10/21/2016	0.1 J	-	-	-
Vinyl chloride	MW 42	4/18/2017	0.22	-	-	-
Vinyl chloride	MW 42	10/10/2017	0.26	-	-	-
Vinyl chloride	MW 42	4/11/2018	0.11 J	-	-	-
Vinyl chloride	MW 42	10/4/2018	0.2 U	-	-	-
Vinyl chloride	MW 42	04/25/2019	0.087J	-	-	-
Vinyl chloride	MW 42	11/03/2020	0.22	-	-	-
Vinyl chloride	MW 42	04/27/2022	0.052 J	-	-	-
Vinyl chloride	MW 46	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW 46	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 46	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 46	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 46	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 46	10/08/2019	0.001 U	-	-	-
Vinyl chloride	MW 46	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 46	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 49	10/14/2015	0.012 J	-	-	-
Vinyl chloride	MW 49	4/20/2016	0.011 J	-	-	-
Vinyl chloride	MW 49	4/11/2018	0.05 U	-	-	-
Vinyl chloride	MW 49	10/4/2018	0.04 U	-	-	-
Vinyl chloride	MW 49	04/25/2019	0.033 U	-	-	-
Vinyl chloride	MW 49	10/08/2019	0.05 U / 0.05 U	-	-	-
Vinyl chloride	MW 49	11/03/2020	0.033	-	-	-
Vinyl chloride	MW 49	04/27/2022	0.01 U	-	-	-
Vinyl chloride	MW 51	10/14/2015	0.0079	-	-	-
Vinyl chloride	MW 51	4/20/2016	0.0035 J	-	-	-
Vinyl chloride	MW 51	10/21/2016	0.0053 J	-	-	-
Vinyl chloride	MW 51	4/18/2017	0.0041	-	-	-
Vinyl chloride	MW 51	10/10/2017	0.0073	-	-	-
Vinyl chloride	MW 51	4/11/2018	0.0038 / 0.0046	-	-	-
Vinyl chloride	MW 51	10/4/2018	0.0035 J	-	-	-
Vinyl chloride	MW 51	04/25/2019	0.0053J/0.0066	-	-	-
Vinyl chloride	MW 56	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 56	10/23/2014	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW 56	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 56	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 56	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 56	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 56	11/03/2020	0.00066J	-	-	-
Vinyl chloride	MW 56	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 57	10/24/2013	0.0062	-	-	-
Vinyl chloride	MW 57	10/23/2014	0.013	-	-	-
Vinyl chloride	MW 57	10/14/2015	0.0037	-	-	-
Vinyl chloride	MW 57	10/21/2016	0.046	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Vinyl chloride	MW 57	10/10/2017	0.096	-	-	-
Vinyl chloride	MW 57	10/4/2018	0.02	-	-	-
Vinyl chloride	MW 57	11/03/2020	0.98	-	-	-
Vinyl chloride	MW 57	04/27/2022	0.73	-	-	-
Vinyl chloride	MW 58	10/24/2013	0.11	-	-	-
Vinyl chloride	MW 58	10/23/2014	0.098	-	-	-
Vinyl chloride	MW 58	10/14/2015	0.15 / 0.16	-	-	-
Vinyl chloride	MW 58	10/21/2016	0.085	-	-	-
Vinyl chloride	MW 58	10/10/2017	0.059	-	-	-
Vinyl chloride	MW 58	10/4/2018	0.064 J	-	-	-
Vinyl chloride	MW 58	11/03/2020	0.13 J / 0.12 J	-	-	-
Vinyl chloride	MW 58	04/27/2022	0.034 J	-	-	-
Vinyl chloride	MW 61	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 61	10/23/2014	0.00042 J	-	-	-
Vinyl chloride	MW 61	10/14/2015	0.00068 J	-	-	-
Vinyl chloride	MW 61	10/21/2016	0.00069 J	-	-	-
Vinyl chloride	MW 61	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 61	10/4/2018	0.0013	-	-	-
Vinyl chloride	MW 61	11/03/2020	0.00077 J / 0.0011	-	-	-
Vinyl chloride	MW 61	04/27/2022	0.00062 J	-	-	-
Vinyl chloride	MW 64	10/24/2013	0.045	-	-	-
Vinyl chloride	MW 64	10/23/2014	0.033	-	-	-
Vinyl chloride	MW 64	10/14/2015	0.03	-	-	-
Vinyl chloride	MW 64	10/21/2016	0.039	-	-	-
Vinyl chloride	MW 64	10/10/2017	0.049	-	-	-
Vinyl chloride	MW 64	10/4/2018	0.083 / 0.089	-	-	-
Vinyl chloride	MW 64	11/03/2020	0.042 / 0.042	-	-	-
Vinyl chloride	MW 64	04/27/2022	0.054	-	-	-
Vinyl chloride	MW 65	10/24/2013	0.0025 J	-	-	-
Vinyl chloride	MW 65	10/23/2014	0.00093 J / 0.0016 J	-	-	-
Vinyl chloride	MW 65	10/14/2015	0.0012 J	-	-	-
Vinyl chloride	MW 65	10/21/2016	0.0014	-	-	-
Vinyl chloride	MW 65	10/10/2017	0.00074 J	-	-	-
Vinyl chloride	MW 65	10/4/2018	0.00074 J	-	-	-
Vinyl chloride	MW 65	11/03/2020	0.00049 J	-	-	-
Vinyl chloride	MW 65	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 66	10/14/2015	0.13	-	-	-
Vinyl chloride	MW 66	4/20/2016	0.14	-	-	-
Vinyl chloride	MW 66	10/21/2016	0.14	-	-	-
Vinyl chloride	MW 66	4/18/2017	0.11	-	-	-
Vinyl chloride	MW 66	10/10/2017	0.075	-	-	-
Vinyl chloride	MW 66	4/11/2018	0.2 U *	-	-	High DL
Vinyl chloride	MW 66	10/4/2018	0.2 U *	-	-	High DL
Vinyl chloride	MW 66	04/25/2019	0.036 J	-	-	-
Vinyl chloride	MW 66	11/03/2020	0.018	-	-	-
Vinyl chloride	MW 66	04/27/2022	0.1 U	-	-	-
Vinyl chloride	MW 68	10/21/2016	0.15 J	-	-	-
Vinyl chloride	MW 68	4/18/2017	0.13	-	-	-
Vinyl chloride	MW 68	10/10/2017	0.16	-	-	-
Vinyl chloride	MW 68	4/11/2018	0.099 J	-	-	-
Vinyl chloride	MW 68	10/4/2018	0.11 J	-	-	-
Vinyl chloride	MW 68	04/25/2019	0.16 J	-	-	-
Vinyl chloride	MW 68	11/03/2020	0.22 / 0.23	-	-	-
Vinyl chloride	MW 68	04/27/2022	0.11	-	-	-
Vinyl chloride	MW 75	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 75	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW 75	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 75	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 75	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 75	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 75	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/24/2013	0.00048 J / 0.00046 J	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/23/2014	0.00051 J	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 76/MW 76R-17	11/03/2020	0.0016	-	-	-
Vinyl chloride	MW 79	10/21/2016	0.15	-	-	-
Vinyl chloride	MW 79	4/18/2017	0.19 / 0.19	-	-	-
Vinyl chloride	MW 79	10/10/2017	0.2	-	-	-
Vinyl chloride	MW 79	4/11/2018	0.31	-	-	-
Vinyl chloride	MW 79	10/4/2018	0.31	-	-	-
Vinyl chloride	MW 79	04/25/2019	0.6	-	-	-
Vinyl chloride	MW 79	11/03/2020	0.44	-	-	-
Vinyl chloride	MW 79	04/27/2022	0.41	-	-	-
Vinyl chloride	MW 80	10/24/2013	0.045	-	-	-
Vinyl chloride	MW 80	10/23/2014	0.036	-	-	-
Vinyl chloride	MW 80	10/14/2015	0.04	-	-	-
Vinyl chloride	MW 80	10/21/2016	0.049	-	-	-
Vinyl chloride	MW 80	10/10/2017	0.041	-	-	-
Vinyl chloride	MW 80	10/4/2018	0.051	-	-	-
Vinyl chloride	MW 80	11/03/2020	0.063	-	-	-
Vinyl chloride	MW 80	04/27/2022	0.15 / 0.16	-	-	-
Vinyl chloride	MW 81	10/24/2013	0.066	-	-	-
Vinyl chloride	MW 81	10/23/2014	0.041	-	-	-
Vinyl chloride	MW 81	10/14/2015	0.062	-	-	-
Vinyl chloride	MW 81	10/21/2016	0.026	-	-	-
Vinyl chloride	MW 81	10/10/2017	0.042	-	-	-
Vinyl chloride	MW 81	10/4/2018	0.027	-	-	-
Vinyl chloride	MW 81	11/03/2020	0.037	-	-	-

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Analyte	Location	Date	Result (mg/L)	Outlier	Ambiguous Data	Excluded Data
Vinyl chloride	MW 81	04/27/2022	0.039	-	-	-
Vinyl chloride	MW 82	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 82	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW 82	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 82	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 82	10/10/2017	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW 82	10/4/2018	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW 82	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 82	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 83	10/24/2013	0.0015	-	-	-
Vinyl chloride	MW 83	10/23/2014	0.0015	-	-	-
Vinyl chloride	MW 83	10/14/2015	0.0037	-	-	-
Vinyl chloride	MW 83	10/21/2016	0.0053 / 0.0053	-	-	-
Vinyl chloride	MW 83	10/10/2017	0.0076	-	-	-
Vinyl chloride	MW 83	10/4/2018	0.012	-	-	-
Vinyl chloride	MW 83	11/03/2020	0.015	-	-	-
Vinyl chloride	MW 83	04/27/2022	0.017	-	-	-
Vinyl chloride	MW 84	4/15/2014	0.001 U	-	-	-
Vinyl chloride	MW 84	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 84	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 84	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 84	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 84	10/08/2019	0.001 U	-	-	-
Vinyl chloride	MW 84	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 84	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 85	10/21/2016	0.42 J	-	-	-
Vinyl chloride	MW 85	4/18/2017	0.42	-	-	-
Vinyl chloride	MW 85	10/10/2017	0.45	-	-	-
Vinyl chloride	MW 85	4/11/2018	0.35 J	-	-	-
Vinyl chloride	MW 85	10/4/2018	0.68	-	-	-
Vinyl chloride	MW 85	04/25/2019	0.32	-	-	-
Vinyl chloride	MW 85	11/03/2020	0.56	-	-	-
Vinyl chloride	MW 85	04/27/2022	0.25	-	-	-
Vinyl chloride	MW 86	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 86	10/23/2014	0.001 U	-	-	-
Vinyl chloride	MW 86	10/14/2015	0.001 U	-	-	-
Vinyl chloride	MW 86	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW 86	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 86	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 86	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 86	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW 88	10/24/2013	0.001 U	-	-	-
Vinyl chloride	MW 88	10/23/2014	0.00034 J	-	-	-
Vinyl chloride	MW 88	10/14/2015	0.001 / 0.00098 J	-	-	-
Vinyl chloride	MW 88	10/21/2016	0.0019 / 0.0018	-	-	-
Vinyl chloride	MW 88	10/10/2017	0.0023	-	-	-
Vinyl chloride	MW 88	10/4/2018	0.0024 / 0.0023	-	-	-
Vinyl chloride	MW 88	11/03/2020	0.0061	-	-	-
Vinyl chloride	MW 88	04/27/2022	0.0067	-	-	-
Vinyl chloride	MW 89-11	10/21/2016	0.001 U / 0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/18/2017	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW 89-11	4/11/2018	0.001 U	-	-	-
Vinyl chloride	MW 89-11	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW 89-11	04/25/2019	0.001 U	-	-	-
Vinyl chloride	MW 89-11	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW 89-11	04/27/2022	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/21/2016	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/10/2017	0.001 U	-	-	-
Vinyl chloride	MW97R-16	10/4/2018	0.001 U	-	-	-
Vinyl chloride	MW97R-16	11/03/2020	0.001 U	-	-	-
Vinyl chloride	MW97R-16	04/27/2022	0.001 U	-	-	-
Vinyl chloride	Pond Intake	10/10/2017	0.0048	-	-	-
Vinyl chloride	Pond Intake	4/11/2018	0.013	-	-	-
Vinyl chloride	Pond Intake	7/5/2018	0.0076 / 0.0073	-	-	-
Vinyl chloride	Pond Intake	10/4/2018	0.005	-	-	-
Vinyl chloride	Pond Intake	04/25/2019	0.0089 / 0.0086	-	-	-
Vinyl chloride	Pond Intake	10/08/2019	0.0039	-	-	-
Vinyl chloride	Pond Intake	11/03/2020	0.0039	-	-	-
Vinyl chloride	Pond Intake	04/27/2022	0.0061	-	-	-
Vinyl chloride	Pond North	10/10/2017	0.017	-	-	-
Vinyl chloride	Pond North	4/11/2018	0.014 / 0.018	-	-	-
Vinyl chloride	Pond North	7/5/2018	0.023 J	-	-	-
Vinyl chloride	Pond North	10/4/2018	0.0064 J / 0.0059 J	-	-	-
Vinyl chloride	Pond North	04/25/2019	0.0099	-	-	-
Vinyl chloride	Pond North	10/08/2019	0.0039 J / 0.0040 J	-	-	-
Vinyl chloride	Pond North	11/03/2020	0.011 / 0.0091 J	-	-	-
Vinyl chloride	Pond North	04/27/2022	0.0073 / 0.0072	-	-	-

Notes:

* High DL - observation was excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.
** Outliers

Table C.4

Descriptive Statistics and Trend Test Results - Recent Period
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Location	Analyte	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum (mg/L)	Maximum (mg/L)	Mann-Kendall Trend test				Sen's Slope (units/day)
								Statistic	Probability	Confidence in trend	Conclusion	
MW-2	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 3	TCE (recent)	2016 -- 2022	8	8	100%	2.1	14	3	0.402	60%	NT or Decreasing	2E-03
MW-4	TCE (recent)	2016 -- 2022	8	8	100%	0.75	2.4	-16	0.968	3%	NT or Decreasing	-5E-04
MW-7	TCE (recent)	2017 -- 2022	4	0	0%	0.001U	0.001U	--	--	--	--	--
MW 8	TCE (recent)	2016 -- 2022	8	8	100%	0.089	0.41	0	0.500	50%	NT or Decreasing	4E-06
MW 12	TCE (recent)	2016 -- 2022	8	4	50%	0.00028J	0.0026 J	--	--	--	--	--
MW 14	TCE (recent)	2016 -- 2022	8	0	0%	0.001U	0.2 U	--	--	--	--	--
MW 15	TCE (recent)	2013 -- 2022	8	8	100%	2.5	8.3	-7	0.773	23%	NT or Decreasing	-1E-03
MW 16	TCE (recent)	2014 -- 2022	8	2	25%	0.001U	1.9	--	--	--	--	--
MW 21	TCE (recent)	2015 -- 2022	6	1	17%	0.001U	0.0013	--	--	--	--	--
MW 28	TCE (recent)	2016 -- 2022	8	0	0%	0.025 U	0.08U	--	--	--	--	--
MW 31R	TCE (recent)	2016 -- 2022	8	1	13%	0.038J	5U	--	--	--	--	--
MW 37	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 40	TCE (recent)	2016 -- 2022	8	7	88%	0.2U	0.4	-12	0.913	9%	NT or Decreasing	-1E-04
MW 41	TCE (recent)	2016 -- 2022	8	0	0%	0.001U	0.33 U	--	--	--	--	--
MW 42	TCE (recent)	2016 -- 2022	8	2	25%	0.0072	0.2 U	--	--	--	--	--
MW 46	TCE (recent)	2014 -- 2022	8	1	13%	0.00015 J	0.001U	--	--	--	--	--
MW 49	TCE (recent)	2018 -- 2022	6	4	67%	0.021J	0.088	--	--	--	--	--
MW 51	TCE (recent)	2016 -- 2019	6	6	100%	0.052	0.15	-10	0.957	4%	NT or Decreasing	-1E-04
MW 56	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 57	TCE (recent)	2013 -- 2022	8	0	0%	0.001 U	0.05U	--	--	--	--	--
MW 58	TCE (recent)	2013 -- 2022	8	0	0%	0.002 U	0.2 U	--	--	--	--	--
MW 61	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 64	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.01 U	--	--	--	--	--
MW 65	TCE (recent)	2013 -- 2022	8	1	13%	0.00027 J	0.0057 U	--	--	--	--	--
MW 66	TCE (recent)	2016 -- 2022	8	0	0%	0.001U	0.2 U	--	--	--	--	--
MW 68	TCE (recent)	2016 -- 2022	8	8	100%	0.97	1.7	-20	0.991	1%	NT or Decreasing	-3E-04
MW 75	TCE (recent)	2013 -- 2022	7	0	0%	0.001U	0.001U	--	--	--	--	--
MW 76/MW 76R-17	TCE (recent)	2013 -- 2020	5	0	0%	0.001U	0.001U	--	--	--	--	--
MW 79	TCE (recent)	2016 -- 2022	8	0	0%	0.001U	0.13 U	--	--	--	--	--
MW 80	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.004U	--	--	--	--	--
MW 81	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.008 U	--	--	--	--	--
MW 82	TCE (recent)	2013 -- 2022	8	3	38%	0.00014 J	0.00097 J	--	--	--	--	--
MW 83	TCE (recent)	2013 -- 2022	8	2	25%	0.00023 J	0.001U	--	--	--	--	--
MW 84	TCE (recent)	2014 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 85	TCE (recent)	2016 -- 2022	8	0	0%	0.1U	0.56 U	--	--	--	--	--
MW 86	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 88	TCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 89-11	TCE (recent)	2016 -- 2022	8	1	13%	0.00036 J	0.001U	--	--	--	--	--
MW97R-16	TCE (recent)	2016 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--
Pond Intake	TCE (recent)	2017 -- 2022	8	1	13%	0.001U	0.005 U	--	--	--	--	--
Pond North	TCE (recent)	2017 -- 2022	8	1	13%	0.002U	0.01U	--	--	--	--	--
MW-2	cis-1,2-DCE (recent)	2013 -- 2022	8	1	13%	0.001U	0.0014	--	--	--	--	--
MW 3	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	0.63	7.4	0	0.500	50%	NT or Decreasing	-1E-04
MW-4	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	5.9	8.9	-10	0.867	13%	NT or Decreasing	-9E-04
MW-7	cis-1,2-DCE (recent)	2014 -- 2022	5	1	20%	0.00018 J	0.001U	--	--	--	--	--
MW 8	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	0.95	4.3	-21	0.994	1%	NT or Decreasing	-2E-03
MW 12	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	0.056	0.12	-25	0.999	0%	NT or Decreasing	-3E-05
MW 14	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	3B	4.4	-16	0.970	3%	NT or Decreasing	-6E-04
MW 15	cis-1,2-DCE (recent)	2013 -- 2022	8	8	100%	1.7	12	-6	0.732	27%	NT or Decreasing	-1E-03
MW 16	cis-1,2-DCE (recent)	2014 -- 2022	8	5	63%	0.00026 J	9.6	--	--	--	--	--
MW 21	cis-1,2-DCE (recent)	2015 -- 2022	6	1	17%	0.00046 J	0.001U	--	--	--	--	--
MW 28	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	0.85	2.1	25	0.001	100%	**Increasing**	3E-04
MW 31R	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	16	95	7	0.227	77%	NT or Decreasing	2E-02
MW 37	cis-1,2-DCE (recent)	2013 -- 2022	8	1	13%	0.001U	0.0011	--	--	--	--	--
MW 40	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	3.1	5.8	-11	0.894	11%	NT or Decreasing	-5E-04
MW 41	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	2.9	6	-18	0.982	2%	NT or Decreasing	-1E-03
MW 42	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	2.4	3.9	-4	0.647	35%	NT or Decreasing	-2E-04
MW 46	cis-1,2-DCE (recent)	2014 -- 2022	8	1	13%	0.001U	0.001U	--	--	--	--	--
MW 49	cis-1,2-DCE (recent)	2016 -- 2022	7	7	100%	0.43	0.89	-15	0.983	2%	NT or Decreasing	-3E-04
MW 51	cis-1,2-DCE (recent)	2016 -- 2019	7	7	100%	0.011	0.16	21	0.001	100%	**Increasing**	8E-05
MW 56	cis-1,2-DCE (recent)	2013 -- 2022	8	1	13%	0.00021 J	0.001U	--	--	--	--	--
MW 57	cis-1,2-DCE (recent)	2013 -- 2022	8	2	25%	0.001 U	0.18	--	--	--	--	--
MW 58	cis-1,2-DCE (recent)	2013 -- 2022	8	6	75%	0.002 U	3	21	0.006	99%	**Increasing**	1E-03
MW 61	cis-1,2-DCE (recent)	2013 -- 2022	8	1	13%	0.00035 J	0.001U	--	--	--	--	--
MW 64	cis-1,2-DCE (recent)	2013 -- 2022	8	8	100%	0.009	0.32B	2	0.451	55%	NT or Decreasing	2E-05
MW 65	cis-1,2-DCE (recent)	2013 -- 2022	8	8	100%	0.0035	0.21	-28	1.000	0%	NT or Decreasing	-2E-05
MW 66	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	1.8	3.4	4	0.355	64%	NT or Decreasing	2E-04
MW 68	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	3	4.4	0	0.500	50%	NT or Decreasing	0E+00
MW 75	cis-1,2-DCE (recent)	2013 -- 2022	7	1	14%	0.001U	0.0007 J	--	--	--	--	--
MW 76/MW 76R-17	cis-1,2-DCE (recent)	2013 -- 2020	5	5	100%	0.00043 J	0.0032B	10	0.014	99%	**Increasing**	1E-06
MW 79	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	1.5B	3.5	-7	0.773	23%	NT or Decreasing	-2E-04
MW 80	cis-1,2-DCE (recent)	2013 -- 2022	8	6	75%	0.001 U	0.025	11	0.106	89%	NT or Decreasing	3E-06
MW 81	cis-1,2-DCE (recent)	2013 -- 2022	8	8	100%	0.028	0.19	-18	0.982	2%	NT or Decreasing	-4E-05
MW 82	cis-1,2-DCE (recent)	2013 -- 2022	8	4	50%	0.00041 J	0.0022	--	--	--	--	--
MW 83	cis-1,2-DCE (recent)	2013 -- 2022	8	2	25%	0.00032 J	0.001U	--	--	--	--	--
MW 84	cis-1,2-DCE (recent)	2014 -- 2022	8	2	25%	0.00027 J	0.001	--	--	--	--	--
MW 85	cis-1,2-DCE (recent)	2016 -- 2022	8	8	100%	4.4	8.6	-17	0.977	2%	NT or Decreasing	-2E-03
MW 86	cis-1,2-DCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 88	cis-1,2-DCE (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 89-11	cis-1,2-DCE (recent)	2016 -- 2022	8	3	38%	0.0003 J	0.0033 U	--	--	--	--	--
MW97R-16	cis-1,2-DCE (recent)	2016 -- 2022	5	1	20%	0.001U	0.0012	--	--	--	--	--
Pond Intake	cis-1,2-DCE (recent)	2017 -- 2022	8	8	100%	0.052	0.12	-2	0.549	45%	NT or Decreasing	-1E-05
Pond North	cis-1,2-DCE (recent)	2017 -- 2022	8	8	100%	0.1	0.35	-15	0.960	4%	NT or Decreasing	-1E-04
MW-2	VC (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 3	VC (recent)	2016 -- 2022	8	1	13%	0.026	0.5 U	--	--	--	--	--
MW-4	VC (recent)	2016 -- 2022	8	8	100%	0.38	0.84	-16	0.968	3%	NT or Decreasing	-2E-04
MW-7	VC (recent)	2014 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--
MW 8	VC (recent)	2016 -- 2022	8	8	100%	0.32	1.6	-15	0.960	4%	NT or Decreasing	-5E-04
MW 12	VC (recent)	2016 -- 2022	8	1	13%	0.001U	0.0067 U	--	--	--	--	--
MW 14	VC (recent)	2016 -- 2022	8	8	100%	0.1J	0.15 J	-3	0.601	40%	NT or Decreasing	-1E-06

Descriptive Statistics and Trend Test Results - Recent Period
2022 Groundwater Monitoring Report
2915 Dr. Martin Luther King Jr. Boulevard,
Anderson, Indiana

Location	Analyte	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum (mg/L)	Maximum (mg/L)	Mann-Kendall Trend test				Sen's Slope (units/day)
								Statistic	Probability	Confidence in trend	Conclusion	
MW 15	VC (recent)	2013 -- 2022	8	5	63%	0.041	0.56	--	--	--	--	--
MW 16	VC (recent)	2014 -- 2022	8	3	38%	0.001 U	0.63U	--	--	--	--	--
MW 21	VC (recent)	2015 -- 2022	6	0	0%	0.001U	0.001U	--	--	--	--	--
MW 28	VC (recent)	2016 -- 2022	8	8	100%	0.13	0.22	-3	0.598	40%	NT or Decreasing	-1E-05
MW 31R	VC (recent)	2016 -- 2022	8	8	100%	1.1	9	8	0.193	81%	NT or Decreasing	1E-03
MW 37	VC (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 40	VC (recent)	2016 -- 2022	8	8	100%	0.18 J	0.31	1	0.500	50%	NT or Decreasing	5E-06
MW 41	VC (recent)	2016 -- 2022	8	8	100%	0.16	0.44	-18	0.982	2%	NT or Decreasing	-1E-04
MW 42	VC (recent)	2016 -- 2022	8	7	88%	0.052J	0.26	-7	0.773	23%	NT or Decreasing	-4E-05
MW 46	VC (recent)	2014 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 49	VC (recent)	2015 -- 2022	8	3	38%	0.01U	0.033	--	--	--	--	--
MW 51	VC (recent)	2015 -- 2019	8	8	100%	0.0035 J	0.0079	-3	0.598	40%	NT or Decreasing	-1E-06
MW 56	VC (recent)	2013 -- 2022	8	1	13%	0.001U	0.00066J	--	--	--	--	--
MW 57	VC (recent)	2013 -- 2022	8	8	100%	0.0037	0.98	18	0.018	98%	**Increasing**	1E-04
MW 58	VC (recent)	2013 -- 2022	8	8	100%	0.034J	0.16	-12	0.913	9%	NT or Decreasing	-2E-05
MW 61	VC (recent)	2013 -- 2022	8	6	75%	0.00042 J	0.0013	11	0.106	89%	NT or Decreasing	1E-07
MW 64	VC (recent)	2013 -- 2022	8	8	100%	0.03	0.089	12	0.087	91%	**Increasing**	7E-06
MW 65	VC (recent)	2013 -- 2022	8	7	88%	0.00049J	0.0025 J	-23	0.997	0%	NT or Decreasing	-4E-07
MW 66 [(1)]	VC (recent)	2015 -- 2022	8	7	88%	0.018	0.14	-23	0.997	0%	NT or Decreasing	-7E-05
MW 68	VC (recent)	2016 -- 2022	8	8	100%	0.099 J	0.23	2	0.450	55%	NT or Decreasing	4E-06
MW 75	VC (recent)	2013 -- 2022	7	0	0%	0.001U	0.001U	--	--	--	--	--
MW 76/MW 76R-17	VC (recent)	2013 -- 2020	5	3	60%	0.00048 J	0.0016	--	--	--	--	--
MW 79	VC (recent)	2016 -- 2022	8	8	100%	0.15	0.6	21	0.006	99%	**Increasing**	2E-04
MW 80	VC (recent)	2013 -- 2022	8	8	100%	0.036	0.16	20	0.009	99%	**Increasing**	1E-05
MW 81	VC (recent)	2013 -- 2022	8	8	100%	0.026	0.066	-10	0.867	13%	NT or Decreasing	-7E-06
MW 82	VC (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 83	VC (recent)	2013 -- 2022	8	8	100%	0.0015	0.017	27	0.001	100%	**Increasing**	6E-06
MW 84	VC (recent)	2014 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 85	VC (recent)	2016 -- 2022	8	8	100%	0.25	0.68	-5	0.691	31%	NT or Decreasing	-7E-05
MW 86	VC (recent)	2013 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW 88	VC (recent)	2013 -- 2022	8	7	88%	0.00034 J	0.0067	28	0.000	100%	**Increasing**	2E-06
MW 89-11	VC (recent)	2016 -- 2022	8	0	0%	0.001U	0.001U	--	--	--	--	--
MW97R-16	VC (recent)	2016 -- 2022	5	0	0%	0.001U	0.001U	--	--	--	--	--
Pond Intake	VC (recent)	2017 -- 2022	8	8	100%	0.0039	0.013	-7	0.773	23%	NT or Decreasing	-1E-06
Pond North	VC (recent)	2017 -- 2022	8	8	100%	0.0040J	0.023 J	-12	0.913	9%	NT or Decreasing	-6E-06

Notes:

[(1)] Two observations (0.2 U mg/L in April and October 2018) was excluded excluded due to ambiguous comparisons with data analyzed at lower detection limits.

-- Trend test not performed due to infrequent detections (i.e., fewer than 75 percent detects).

NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found.
Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan,
a 1-sided test is performed).


GHD