PERIODIC REVEW REPORT

For

Monroe Oaks LLC
P.O. Box 431
Fishers, New York

Location

Speedy's Cleaners
Site Number C828109
3130 Monroe Avenue
Rochester, New York

December 2021

Prepared by:

NEU-VELLE LLC

1667 Lake Avenue
Building 59, Suite 101
Rochester, New York 14615
585-313-9683

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Appendices

Section 1

NEU-VELLE LLC

Introduction

1.0 INTRODUCTION

The subject Site is the former Speedy's Cleaners located at 3130 Monroe Avenue in the Town of Pittsford, New York (the "Site"). 3130 Monroe Avenue Associates, LLC (MAA) entered into the Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) to develop and implement a remedial program at the Site on October 14, 2004. After completing the remedial program, NYSDEC issued a Certificate of Completion (COC) on December 31, 2012. MAA filed an Easement, and a Site Management Plan (SMP), was developed. The requirements of the SMP are incorporated into the Easement. The SMP, approved by the NYSDEC on December 31, 2012, requires the owner of the Site, to manage and maintain institutional and engineering controls which includes annual sampling of indoor air and groundwater. The current owner of the Site is Monroe Oaks, LLC.

This annual Periodic Review Report (PRR) is provided to certify that all institutional and engineering controls remain in place, are performing properly, and continue to be effective.

Section 2

NEU-VELLE LLC

Indoor Air Sampling

2.0 INDOOR AIR SAMPLING

NEU-VELLE LLC (NEU-VELLE) performed annual indoor air sampling on December 1, 20201 to confirm the performance of the SSDS and evaluate indoor air conditions. Below is a summary of the results of the contaminants of concern (COC) trichloroethylene (TCE) and perchloroethylene (PCE).

TCE & PCE Detections December 1, 2020

Sample Date	Sample ID	TCE	PCE
NYSDOH Ambient Indoor Guidelines		*2*	*30*
December 1, 2021	Nail Scape	<0.32	0.40
	Vacant Tenant	<0.16	0.83

Note: Units are in $\mu g/m^3$

The air samples were collected using a Summa canisters for a two-hour duration and analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method Toxic Organics (TO)-15 with Category B deliverables in accordance with the approved Site Management Plan. Based on the analytical results, the contaminants of concern (TCE and PCE), were not detected above the NYSDEH Ambient Indoor Guidelines.

Indoor air sampling field logs are provided in Appendix A. The indoor air laboratory data are provided in Appendix B.

Section 3

NEU-VELLE LLC

Annual Groundwater Sampling

3.0 ANNUAL GROUNDWATER SAMPLING

Groundwater sampling was performed on December 7th through December 9th, 2021 from four existing groundwater monitoring wells (MW-1 to MW-4) using low-flow methodologies.

Previous groundwater sampling reported finding light non-aqueous phase liquid (LNAPL). Analytical data of the LNAPL indicated an off-site source due to no documented on-site use of "lube oil". As part of the December 2021 sampling event, LNAPL was encountered in MW-2 and removed before purging the well prior to sampling. Based level measurements, approximately one (1) foot of LNAPL was observed in the well.

Water quality indicators were monitored and were considered stabilized after three consecutive readings were achieved for the following indicators:

- pH (+/- 0.1 unit)
- specific conductance (+/ -3%)
- dissolved oxygen (+/- 10%)
- redox (+/- 10 mV)
- temperature (+/- 10%)
- turbidity (+/- 10%).

Samples were submitted to an Environmental Laboratory Approval Program (ELAP)-certified laboratory for Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260 by Analytical Services Protocols (ASP) with Category B deliverables.

December 7-9, 2021 Groundwater Data

	Sample ID	MW-1-12-09-2020	MW-2-12-08-2020	MW-3-12-08-2020	MW-4-12-07-2020
ANALYTE	**TOGS 1.1.1**				
Acetone	50	<10.0	<10.0	<10.0	<10.0
cis-1,1-Dichloroethene	5	<2.00	<2.00	< 2.00	<2.00
m,p-Xylene	5	<2.00	<2.00	<2.00	<2.00
o-Xylene	5	<2.00	<2.00	<2.00	<2.00
Trichloroethene	5	<2.00	<2.00	<2.00	<2.00
Tetrachloroethene	5	<2.00	<2.00	<2.00	<2.00
Total VOCs		ND	ND	ND	ND

Note: J = Analyte detected below quantitative limit

Based on the analytical results summarized above, the groundwater quality in MW-1 to MW-4 is in compliance with the applicable TOGS 1.1.1 Groundwater Standards. The groundwater laboratory analytical reports are included in Appendix C. Low Flow logs are included in Appendix D.

Section 4

NEU-VELLE LLC

Data Usability Summary Reports

4.0 DATA USABILITY SUMMARY REPORTS

Laboratory analyses were conducted in conformance with NYS Department of Health (DOH) Analytical Services Protocol (ASP) methodology with a Category B deliverable. The data packages were submitted to Environmental Data Usability (EDU) for the third-party data validation and preparation of Data Usability Summary Reports (DUSR). The validated data was submitted to the NYSDEC Electronic Information Management System using the NYSDEC's Electronic Data Deliverable (EDD) format.

Based upon the findings of the DUSR, although laboratory results for 1,4-dioxane were rejected, the remainder of the laboratory data were judged suitable for their intended purpose. The DUSR is included in Appendix E.

Section 5

NEU-VELLE LLC

Surface Cover Conditions

5.0 SURFACE COVER CONDITIONS

General maintenance of the parking lot surface is routinely performed by the Site owner as needed. Surficial cracks have been sealed with tar, and any minor potholes have been patched with asphalt.

The parking lot was inspected on December 1, 2021, and no issues were observed at that time. Therefore, the Site cover is intact.

Section 6

NEU-VELLE LLC

BCP Compliance

6.0 BCP COMPLIANCE

The current status of the Site is as follows:

- Indoor air concentrations of PCE and TCE are below the below the NYSDOH Ambient Air Guideline.

- All groundwater analytes are below 6 NYCRR Part 703 groundwater standards.

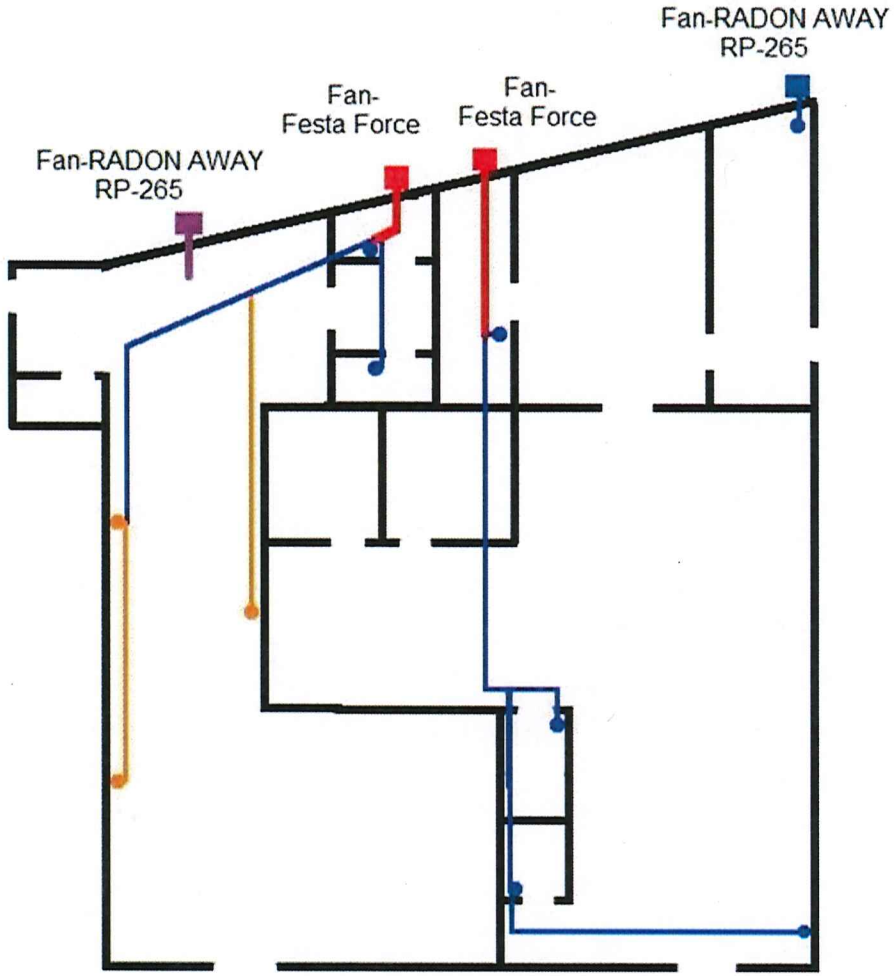
- The Site is in compliance with the BCA, and as such, no further investigations or modifications are warranted.

- The Institutional Control/Engineering Control (IC/EC) certification included as Attachment E documents that the IC/EC controls remain in place and are functioning as designed.

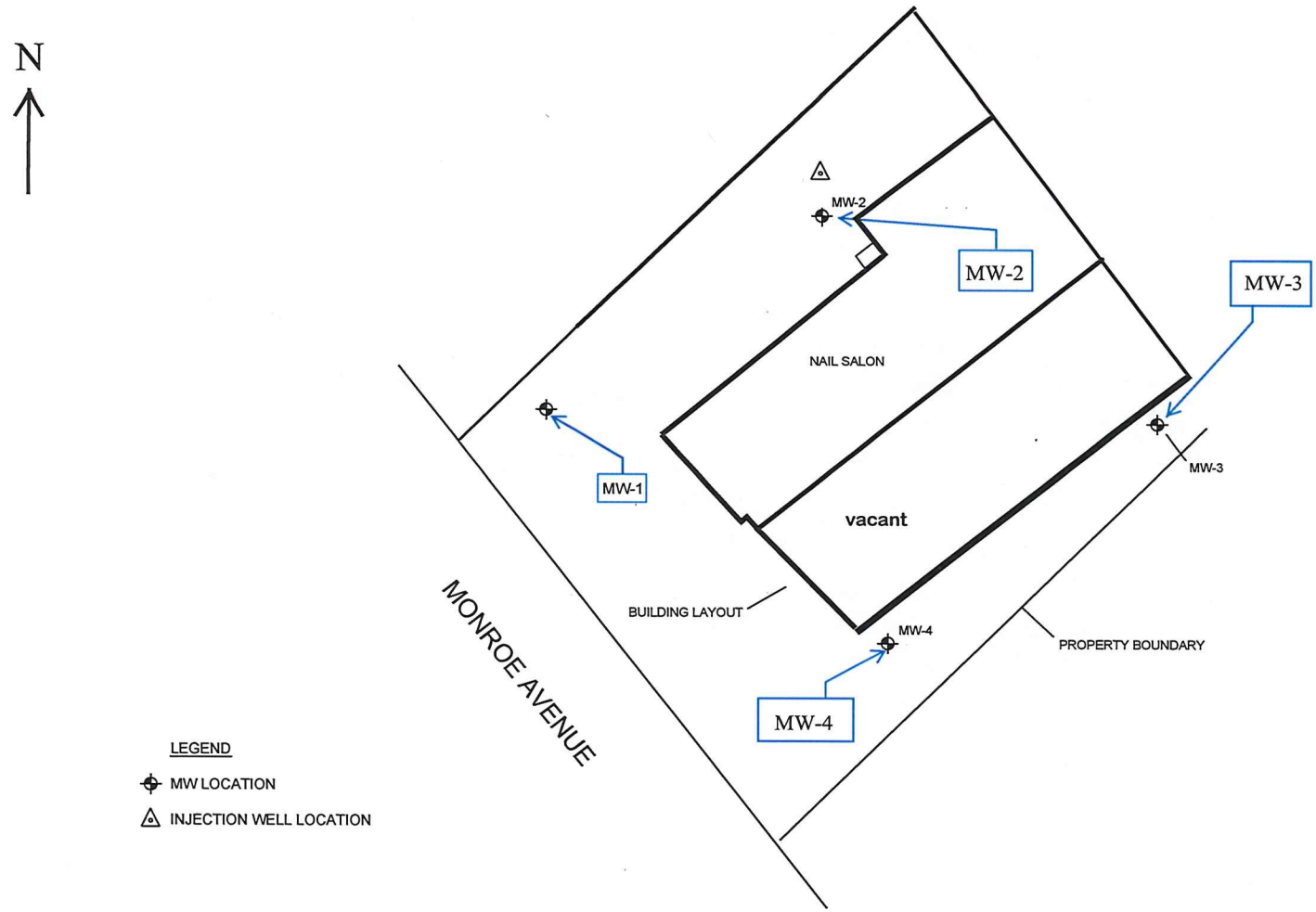
- Groundwater and indoor air sampling will continue to be performed in compliance with the SMP. However, due to the levels detected during this annual sampling, it is requested that the schedule for sampling be modified to be conducted on a semi-annual basis. A Periodic Review Report (PRR) will be prepared to document future compliance with the BCA and SMP. The 2021 PRR is included as Appendix F.

Figures

SSDS – 3130 Monroe Ave., Rochester, NY



	Sub-Slab Depressurization System 3130 Monroe Avenue Rochester, NY 14618 NYSDEC Site No. C828109		
		Scale: NTS	Figure No: 1



Groundwater Monitor Wells

SPEEDY'S CLEANERS
3130 MONROE AVENUE
PITTSFORD, NEW YORK

DWG #: Figure 2	DATE:	DRAWN BY:

Appendix A

NEU-VELLE LLC

Indoor Air Sampling Field Log

INDOOR AIR SAMPLING FIELD LOG			
Location: 3130 Monroe Avenue, Pittsford, NY	**2021 ANNUAL AIR SAMPLING EVENT**		
LABORATORY SAMPLE ID	L552999-1	L552999-2	NOTES
LOCATION	Nail Salon	Vacant Space	
Date/Time Start	12-01-2021 7:00 am	12-01-2021 7:05 am	
Date/Time Stop	12-01-2021 9:00 am	12-01-2021 9:05 am	
Confirm SSDS Fan Running at Start	yes	yes	
Confirm SSDS Fan Running at Stop	yes	yes	
Inspection of Manometer at Start	yes	yes	
Inspection of Manometer at Stop	yes	yes	
Outdoor Air Temperature at Start	34	34	
Outdoor Air Temperature at Stop	35	35	
Weather at Start	Partly Overcast	Partly Overcast	
Weather at Stop	Partly Overcast	Partly Overcast	
Windows/Doors Closed at Start	yes	yes	
Windows/Doors Closed at Stop	yes	yes	
Furnace Cycling On at Start	yes	yes	
Furnace Cycling On at Stop	yes	yes	

Appendix B

NEU-VELLE LLC

Indoor Air Laboratory Data

SGS GALSON

Ms. Danielle Bastian
Neu-Velle, LLC
1667 Lake Avenue
Building 59, Suite 101
Rochester, NY 14615

December 08, 2021

Account# 30223

Login# L552999

Dear Danielle Bastian:

Enclosed are the analytical results for the samples received by our laboratory on December 03, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LELAP Lab ID #04083

LABORATORY ANALYSIS REPORT

Client : Neu-Velle, LLC
Site : NS

Date Sampled : 01-DEC-21
Date Received : 03-DEC-21
Date Analyzed : 07-DEC-21 - 08-DEC-21
Report ID : 1278172

Account No.: 30223
Login No. : L552999
Units : ppbv

Galson ID: / Client ID:	LOQ ppbv	L552999-1 NAIL SALON	L552999-2 VACANT SPACE
Propylene	0.50	<1.0	<0.50
Freon-12	0.16	0.36	0.36
Chloromethane	0.16	0.42	0.41
Freon-114	0.16	<0.32	<0.16
Vinyl Chloride	0.16	<0.32	<0.16
1,3-Butadiene	0.16	<0.32	<0.16
n-Butane	0.16	0.56	0.46
Bromomethane	0.16	<0.32	<0.16
Chloroethane	0.16	<0.32	<0.16
Acetonitrile	0.50	<1.0	<0.50
Vinyl Bromide	0.16	<0.32	<0.16
Acrolein	0.16	<0.32	<0.16
Acetone	0.50	1800	750
Freon-11	0.16	<0.32	0.18
Isopropyl Alcohol	0.50	190	110
Acrylonitrile	0.16	<0.32	<0.16

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS
Collection Media : 6L Canister
Submitted by : AAP/SAP

Approved by : SAP
Date : 08-DEC-21

Supervisor: BLD

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Account No.: 30223
Login No. : L552999
Units : ppbv

Galson ID: / Client ID:	LOQ ppbv	L552999-1 NAIL SALON	L552999-2 VACANT SPACE
Pentane	0.16	<0.32	0.33
Ethyl Bromide	0.16	<0.32	<0.16
1,1-Dichloroethene	0.16	<0.32	<0.16
tert-Butyl Alcohol	0.50	<1.0	<0.50
Methylene Chloride	0.16	0.35	0.17
Freon-113	0.16	<0.32	<0.16
Carbon Disulfide	0.50	<1.0	<0.50
Allyl Chloride	0.16	<0.32	<0.16
trans-1,2-Dichloroethene	0.16	<0.32	<0.16
1,1-Dichloroethane	0.16	<0.32	<0.16
Methyl tert-Butyl Ether	0.16	<0.32	<0.16
Vinyl Acetate	0.16	<0.32	<0.16
Methyl Ethyl Ketone	0.16	2.3	0.94
cis-1,2-Dichloroethylene	0.16	<0.32	<0.16
Hexane	0.16	<0.32	<0.16
Ethyl Acetate	0.16	65	20

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS
Collection Media : 6L Canister
Submitted by : AAP/SAP

Approved by : SAP
Date : 08-DEC-21

Supervisor: BLD

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Account No.: 30223
Login No. : L552999
Units : ppbv

Galson ID: / Client ID:	LOQ ppbv	L552999-1 NAIL SALON	L552999-2 VACANT SPACE
Chloroform	0.16	<0.32	<0.16
Tetrahydrofuran	0.16	0.93	0.39
1,2-Dichloroethane	0.16	<0.32	<0.16
1,1,1-Trichloroethane	0.16	<0.32	<0.16
Benzene	0.16	<0.32	<0.16
Carbon Tetrachloride	0.16	<0.32	<0.16
Cyclohexane	0.16	<0.32	<0.16
1,2-Dichloropropane	0.16	<0.32	<0.16
Bromodichloromethane	0.16	<0.32	<0.16
1,4-Dioxane	0.16	<0.32	<0.16
Trichloroethylene	0.16	<0.32	<0.16
2,2,4-Trimethylpentane	0.16	<0.32	<0.16
Methyl Methacrylate	0.16	150	79
Heptane	0.16	<0.32	<0.16
cis-1,3-Dichloropropene	0.16	<0.32	<0.16
trans-1,3-Dichloropropen	0.16	<0.32	<0.16

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS
Collection Media : 6L Canister
Submitted by : AAP/SAP

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Units : ppbv

Galson ID: / Client ID:	LOQ ppbv	L552999-1 NAIL SALON	L552999-2 VACANT SPACE
1,1,2-Trichloroethane	0.16	<0.32	<0.16
Methyl Isobutyl Ketone	0.16	<0.32	<0.16
Toluene	0.16	3.8	2.0
Methyl Butyl Ketone	0.16	<0.32	<0.16
Dibromochloromethane	0.16	<0.32	<0.16
1,2-Dibromoethane	0.16	<0.32	<0.16
Tetrachloroethylene	0.16	0.40	0.83
Chlorobenzene	0.16	<0.32	<0.16
Ethylbenzene	0.16	<0.32	<0.16
m & p-xylene	0.32	<0.64	<0.32
Bromoform	0.16	<0.32	<0.16
Styrene	0.16	<0.32	<0.16
1,1,2,2-Tetrachloroethan	0.16	<0.32	<0.16
o-Xylene	0.16	<0.32	<0.16
Nonane	0.16	<0.32	<0.16
Cumene	0.16	<0.32	<0.16

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS
Collection Media : 6L Canister
Submitted by : AAP/SAP

Approved by : SAP
Date : 08-DEC-21

Supervisor: BLD

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Account No.: 30223
Login No. : L552999
Units : ppbv

Galson ID: / Client ID:	LOQ ppbv	L552999-1 NAIL SALON	L552999-2 VACANT SPACE
2-Chlorotoluene	0.16	<0.32	<0.16
n-Propylbenzene	0.16	<0.32	<0.16
4-Ethyltoluene	0.16	<0.32	<0.16
1,3,5-Trimethylbenzene	0.16	<0.32	<0.16
1,2,4-Trimethylbenzene	0.16	<0.32	<0.16
Benzyl Chloride	0.16	<0.32	<0.16
1,3-Dichlorobenzene	0.16	<0.32	<0.16
1,4-Dichlorobenzene	0.16	<0.32	<0.16
1,2-Dichlorobenzene	0.16	<0.32	<0.16
1,2,4-Trichlorobenzene	0.16	<0.32	<0.16
Naphthalene	0.16	<0.32	<0.16
Hexachloro-1,3-butadiene	0.16	<0.32	<0.16

Analytical Method: mod. OSHA PV2120/mod. EPA TO15; GC/MS
Collection Media : 6L Canister
Submitted by : AAP/SAP

Approved by : SAP
Date : 08-DEC-21

Supervisor: BLD

SGS GALSON

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LABORATORY FOOTNOTE REPORT

Client Name : Neu-Velle, LLC
Site :

Date Sampled : 01-DEC-21
Date Received: 03-DEC-21
Date Analyzed: 07-DEC-21 - 08-DEC-21

Account No.: 30223
Login No. : L552999

L552999 (Report ID: 1278172):
NYSDOH does not offer a certification for the following compounds:
Propylene, Ethyl Acetate, Tetrahydrofuran, Methyl n-Butyl Ketone, 4-Ethyl Toluene, n-Butane, Pentane, Ethyl Bromide, Nonane, and n-Propylbenzene.
SOPs: in-vocs(40)

L552999-1 (Report ID: 1278172):
Elevated levels of quantitation resulting from analysis at a dilution. The dilution was necessary because Acetone concentration exceeded instrument capacity.

L552999 (Report ID: 1278172):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
1,1,2,2-Tetrachloroethane	+/-14%	98.9%
1,1,2-Trichloroethane	+/-12.6%	97.6%
1,1-Dichloroethane	+/-15.4%	96.5%
1,1-Dichloroethene	+/-15.7%	98.2%
1,2,4-Trichlorobenzene	+/-16.6%	111%
1,2,4-Trimethylbenzene	+/-15%	105%
1,2-Dibromoethane	+/-13.5%	99.8%
1,2-Dichlorobenzene	+/-12.4%	103%
1,2-Dichloroethane	+/-17.6%	98.6%
1,2-Dichloropropane	+/-14.8%	96.2%
1,3,5-Trimethylbenzene	+/-13.2%	103%
1,3-Dichlorobenzene	+/-12.6%	102%
1,4-Dichlorobenzene	+/-13.3%	102%
2,2,4-Trimethylpentane	+/-15.1%	97.9%
2-Chlorotoluene	+/-13.2%	104%
4-Ethyltoluene	+/-13.9%	104%
Acrolein	+/-21.8%	93.1%
Acrylonitrile	+/-16.4%	97.9%
Allyl Chloride	+/-18.7%	97.5%
Acetonitrile	+/-16%	96.7%
Acetone	+/-14.6%	97.4%
Bromodichloromethane	+/-12.9%	100%
Bromoform	+/-14.4%	103%
1,3-Butadiene	+/-16.9%	97.5%
n-Butane	+/-18.2%	95.9%
Benzene	+/-13.3%	97.3%

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LABORATORY FOOTNOTE REPORT

Client Name : Neu-Velle, LLC
Site :

Date Sampled : 01-DEC-21
Date Received: 03-DEC-21
Date Analyzed: 07-DEC-21 - 08-DEC-21

Account No.: 30223
Login No. : L552999

Benzyl Chloride	+/-15%	109%
Carbon Disulfide	+/-13.8%	96.5%
Carbon Tetrachloride	+/-15.7%	100%
cis-1,2-Dichloroethylene	+/-16%	98.6%
cis-1,3-Dichloropropene	+/-14.6%	101%
Chlorobenzene	+/-13.3%	97.5%
Dibromochloromethane	+/-13%	102%
Chloroform	+/-14.1%	97.7%
Cumene	+/-13.9%	101%
Cyclohexane	+/-15.1%	100%
1,4-Dioxane	+/-13.7%	101%
Ethyl Acetate	+/-17.9%	98.4%
Ethylbenzene	+/-14.7%	101%
Chloroethane	+/-16.7%	96.9%
Ethyl Bromide	+/-13%	97.4%
Freon-11	+/-15.5%	99.4%
Freon-113	+/-13.2%	96.7%
Freon-114	+/-14.5%	98.8%
Freon-12	+/-15.3%	99.2%
Heptane	+/-16.1%	99.1%
Hexachloro-1,3-butadiene	+/-16.6%	105%
Isopropyl Alcohol	+/-20.8%	96.3%
1,1,1-Trichloroethane	+/-15.1%	99.2%
Bromomethane	+/-13%	97%
Chloromethane	+/-17.9%	96.3%
Methylene Chloride	+/-14.4%	93.4%
Methyl Ethyl Ketone	+/-17.7%	97.8%
Methyl Methacrylate	+/-16%	102%
Methyl Isobutyl Ketone	+/-18.2%	99.4%
Methyl Butyl Ketone	+/-18.7%	105%
m & p-xylene	+/-14%	100%
Methyl tert-Butyl Ether	+/-15.4%	100%
Naphthalene	+/-20.2%	111%
Hexane	+/-15.6%	98.1%
Nonane	+/-16.7%	103%
n-Propylbenzene	+/-13.2%	103%
o-Xylene	+/-13.9%	101%
Propylene	+/-18.8%	96.3%
Pentane	+/-17.9%	97.1%
Styrene	+/-15.2%	104%
Trichloroethylene	+/-12.8%	98.8%
tert-Butyl Alcohol	+/-18.4%	101%
Tetrachloroethylene	+/-13.1%	98.9%
Tetrahydrofuran	+/-19%	99%
Toluene	+/-14.4%	99.6%

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Neu-Velle, LLC
Site :

Date Sampled : 01-DEC-21
Date Received: 03-DEC-21
Date Analyzed: 07-DEC-21 - 08-DEC-21

Account No.: 30223
Login No. : L552999

trans-1,2-Dichloroethene	+/-15.8%	97.6%
trans-1,3-Dichloropropene	+/-14.8%	103%
Vinyl Acetate	+/-22.4%	96.1%
Vinyl Bromide	+/-13.8%	97.7%
Vinyl Chloride	+/-15.6%	97.7%

NEU-VELLE
Date: 12/03/21
Shipper: PO
Initials: MAK
Prep: UNKNOWN

L552999

GALSON CHAIN OF CUSTODY

wire cart

Turn Around Time (TAT):	(surcharge)
☐ Standard	0%
☐ 4 Business Days	35%
☑ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30223

Original Prep No.: PSY635415

CS Rep: JNIELSEN

Online COC No.: 238311

Report To:	Ms. Danielle Bastian
Company Name:	Neu-Velle, LLC
Address 1:	1667 Lake Avenue
Address 2:	Building 59, Suite 101
City, State Zip:	Rochester, NY 14615
Phone No.:	585 - 313 - 4771
Cell No.:	
Email reports to:	dbastian@neu-velle.biz
Comments:	

Invoice To:	Mr. Al Lyons
Company Name:	Neu-Velle, LLC
Address 1:	1667 Lake Avenue
Address 2:	Building 59, Suite 101
City, State Zip:	Rochester, NY 14615
Phone No.:	585 - 313 - 9683
Email Address:	Al@neu-velle.biz
Comments:	
P.O. No.:	
Payment info.:	☐ I will call SGS Galson to provide credit card info ☐ Card on File (enter the last five digits on the line below)

Comments: Per client, analyze for TO15 List profile. ZRK 12/3/21

State Sampled:

Please indicate which OEL(s) this data will be used for:
☐ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ: _____ (Specify Limit(s)) ☐ Other: _____ (Specify Other)

Site Name: | Project: | Sampled By: | List description of industry or Process/interferences present in sampling area:

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
NAIL SALON	12/1/21	6-L Canister	2 hr	6 L	Volatile Organics (TO15) (specify)	mod. OSHA PV2120/mod. EPA TO15; GC/MS	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	Albert G. Lyons, II	Albert D Lyons	12/1/21	9:00 AM	Received By:				
Relinquished By:					Received By:	Michelle Krause	Michelle Krause	12/3/21	1119

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No.: 238311
Prep No.: PSY635415
Account No.: 30223
Draft: 11/23/2021 12:22:07 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS GALSON

CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
VACANT SPACE	12/1/21	6-L Canister	2hr	6L	Volatile Organics (TO15) (specify)	mod. OSHA PV2120/mod. EPA TO15; GC/MS	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By :	Albert L. Lyons, Jr	Albert L Lyons Jr	12/1/21	9:00AM	Received By :				
Relinquished By :					Received By :	Michelle Krause	Michelle Krause	12/3/21	1119

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Job No. : 238311
Prep No. : PSY635415
Account No. : 30223
Draft : 11/23/2021 12:22:07 PM

Appendix C

NEU-VELLE LLC

Groundwater Laboratory Data

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Neu-Velle

For Lab Project # 215562
Issued Date: December 23, 2021
This report contains a total of 139 pages.

The reported results relate only to the samples as they have been received by the laboratory.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the appendix for a list of frequently used data flags and their meaning.

LAB PROJECT NARRATIVE: 215562
PROJECT NAME: 3130 Monroe Avenue
SDG: 5562-01
CLIENT: Neu-Velle

Four groundwater samples were collected by the client between December 07 and 09, 2021 and were received by the Paradigm laboratory on December 09, 2021. Samples were accompanied by a trip blank. Samples were received under the conditions as noted on the chain-of-custody supplement. The samples were submitted with the Chain-of-Custody requesting the TCL list for Volatiles. All analyses were performed using EPA SW-846 Methods and the associated holding times.

The items noted in this case narrative address compliance with the referenced methods, NYSDOH ELAP rules, and any project specific data quality requirements. These may be different from the usability criteria referenced in any "Functional Guidelines" or other data review standards used by data validators.

GENERAL NOTES

ALL ANALYSES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

VOLATILES

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the "#" symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

Compounds flagged with an "*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table.

Holding times were met for the samples.

Surrogate recoveries for the samples and associated QC were within acceptance limits, with the following exception: Pentafluorobenzene recovered outside of acceptance limits (high) in MW1-20211209. This outlier has been flagged with an "*" on the summary form and the sample report.

Site specific QC was not requested on this SDG. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the samples and QC.

All data for the initial calibration was within acceptance limits for the reported analytes.

All continuing calibration data was within acceptance limits for the reported analytes, with the following exceptions: 1,2-Dichlorobenzene and 1,2,4-Trichlorobenzene were out low in the CCV analyzed on December 13, 2021. A single point 1ppb standard was analyzed to verify sensitivity at the reporting limit. This is usable for non-detects only. 2-Hexanone was out high in the CCV analyzed on December 14, 2021. This is usable for non-detects only. All samples were non-detect for these compounds.

(signed) Steven DeVito (date) 12/23/2021
Steven DeVito – Technical Director

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 215562
Client Name: Neu-Velle
Client Project Name: 3130 Monroe Avenue
Client Project #: N/A
SDG No.: 5562-01

Protocol: SW846 Report Due Date: 12/16/2021 Batch Due Date: 1/8/2022

LAB SAMPLE NO.	MATRIX	CLIENT SAMPLE ID	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
215562-01	Groundwater	MW4-20211207	VOAs	12/7/2021	12/9/2021
215562-02	Groundwater	MW3-20211208	VOAs	12/8/2021	12/9/2021
215562-03	Groundwater	MW2-20211208	VOAs	12/8/2021	12/9/2021
215562-04	Groundwater	MW1-20211209	VOAs	12/9/2021	12/9/2021
215562-05	Water	Trip Blank T1084	VOAs	12/6/2021	12/9/2021

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	New-Velle LLC	CLIENT:	Same	215562
ADDRESS:	1667 Lake Ave	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14615	CITY: STATE: ZIP:		
PHONE:	(585) 478-1666	PHONE:		Email: kmiller@new-velle.com arothfuss@new-velle.com alyssa@new-velle.com
ATTN:	Kyle Miller	ATTN:		

PROJECT REFERENCE
3130 Monroe Avenue

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER (Per KM KRH 12/14/21)	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs 8260	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/7/21	13:45		X	MW4-20211207	WG	2	X		01
12/8/21	12:30		X	MW3-20211208	WG	2	X		02
12/8/21	14:45		X	MW2-20211208	WG	2	X		03
12/9/21	13:15		X	MW1-20211209	WG	2	X		04
12/6/21				Trip Blank FT1084	W	1	X		05
								6°C iced per KM 12/9/21 @ 1530	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☒	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Date Needed _____ please indicate date needed:		Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Kyle Miller & A. Rothfuss 12/7-9/21
Sampled By — Date/Time

Relinquished By — Date/Time: 12/9/21 15:30

Received By — Date/Time: 12/9/21 1530

Received @ Lab By: Molly Vail — Date/Time: 12/9/21 1534

Custody seal intact Molly Vail

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: New-Velle **Completed by:** Molly Kail

Lab Project ID: 215562 **Date:** 12/9/21

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	☑	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☑
Headspace (<1 mL)	☑	☐	☐
Comments			
Preservation	☑	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☑
Comments			
Holding Time	☑	☐	☐
Comments			
Temperature	☑	☐	☐
Comments	6°C iad		
Compliant Sample Quantity/Type	☑	☐	☐
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

Lab Project #: 215562

Client: New-Velle

# of Samples: 5

Internal Chain of Custody

Sign-Out Log for Refrigerator: E

Sample ID	Container Code	Initials	Purpose	Date/Time Out	Date/Time In
01-04	V1	BB	VOA	12/13/21	12/13/21
05	V	"	"	"	"
02-04	V2	BB	VOA	12/14/21	12/14/21

CALCULATION FORMULA AND EXAMPLES

The generalized formula for all calculations from instrument output to final reported result is as follows:

(Measured Result) x (Final volume/Initial weight or volume) x (dilution factor) x (1/decimal % solids) x (unit conversion factor if any) = Final Reported Result

Example calculations for each of the primary test categories are shown below.

MERCURY (Water)

- Instrument Concentration = 42.6 ug/L
- Initial Volume = 20 mL
- Final Volume = 20 mL
- Dilution Factor = 10
- Conversion Factor (ug/L to mg/L) = 0.001

(42.6) x (20/20) x (10) x (0.001) = 0.426 mg/L

MERCURY (Soil)

- Instrument Concentration = 42.6 ug/L
- Initial Volume = 0.532 g
- Final Volume = 20 mL
- Dilution Factor = 10
- Decimal % Solids = 0.79
- Conversion Factor (ug/L to mg/L) = 0.001

(42.6) x (20/0.532) x (10) x (1/0.79) x (0.001) = 20.3 mg/kg

ICP METALS (Water)

- Instrument Concentration = 8.50 mg/L
- Initial Volume = 50 mL
- Final Volume = 50 mL
- Dilution Factor = 1

(8.50) x (50/50) x (1) = 8.50 mg/L

ICP METALS (Soil)

- Instrument Concentration = 8.50 mg/L
- Initial Volume = 1.23 g
- Final Volume = 50 mL
- Dilution Factor = 2
- Decimal % Solids = 0.840

(8.50) x (50/1.23) x (2) x (1/.840) = 823 mg/kg

ORGANICS EXTRACTABLES (PCB, Pest, ABN) Water

- Instrument Concentration = 0.52 ug/mL (average of 3 peaks for PCBs)
- Initial Volume = 1 L
- Final Volume = 10 mL
- Dilution Factor = 5

(0.52) x (10/1) x (5) = 26.0 ug/L

ORGANICS EXTRACTABLES (PCB, Pest, ABN) Soil

- Instrument Concentration =0.52 mg/L
- Initial Volume = 30.5 g
- Final Volume = 10 mL
- Dilution Factor = 10
- Decimal % Solids = 0.850
- Conversion Factor (mg/kg to ug/kg) = 1000

(0.52) x (10/30.5) x (10) x (1/0.85) x (1000) = 2010 ug/kg

VOLATILES (Water)

- Instrument Concentration = 7.36 ug/L
- Initial Volume = 1 mL
- Final Volume = 5 mL
- Dilution Factor = 1

(7.36) x (5/1) x (1) = 36.8 ug/L

VOLATILES (Soil – Low Level)

- Instrument Concentration = 7.36 ug/L
- Initial Weight = 2.45 g
- Final Volume = 5 mL
- Dilution Factor = 1
- Decimal % Solids = 0.76

(7.36) x (5/2.45) x (1) x (1/.76) = 19.7 ug/kg

VOLATILES (Soil – Medium Level methanol extraction)

- Instrument Concentration = 7.36 ug/L
- Initial Volume = 100 ul = 0.100 mL
- Final Volume = 5 mL
- Dilution Factor = (10 mL MeOH/ 1.28g) = 7.81
- Decimal % Solids = 0.76

(7.36) x (5/0.100) x (7.81 x (1/0.76)) = 3782 ug/kg

CYANIDE (Water)

- Instrument Concentration = 0.125 mg/L
- Initial Volume = 50 mL
- Final Volume = 25 mL
- Dilution Factor = 20 mL/10 mL = 2

(0.125) x (25/50) x (2) = 0.125 mg/L

CYANIDE (Soil)

- Instrument Concentration = 0.125 mg/L
- Initial Weight = 0.53 g
- Final Volume = 25mL
- Dilution Factor = 20 mL/10 mL = 2
- Decimal % Solids = 0.64

(0.125) x (25/0.53) x (2) x (1/0.64) = 18.4 mg/kg

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified “reported as received”. Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an “A” suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, tern or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

VOLATILE ORGANICS

QC SUMMARY

VOLATILE SURROGATE RECOVERY

Lab Name: Paradigm Environmental Services
Lab Project #: 215562
Client Name: Neu-Velle
Client Project Name: 3130 Monroe Avenue
Client Project #: N/A
SDG No.: 5562-01
Matrix: Groundwater
QC Batch: voaw211213

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

	LAB SAMPLE NO.	CLIENT SAMPLE ID	PFB %REC	12DCEd4 %REC	TD8 %REC	4BFB %REC	Total Out
1	Blk 1	N/A	109	108	103	99.9	0
2	LCS 1	N/A	108	115	116	110	0
3	215562-01	MW4-20211207	110	104	99.0	101	0
4	215562-05	Trip Blank T1084	110	108	106	111	0
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	QC LIMITS %
PFB = Pentafluorobenzene	(88.9 - 114)
12DCEd4 = 1,2-Dichloroethane-d4	(77.9 - 132)
TD8 = Toluene-d8	(75.6 - 117)
4BFB = 4-Bromofluorobenzene	(62.6 - 133)

* Values outside of current required QC limits
D Surrogate diluted out

FORM II VOA

VOLATILE SURROGATE RECOVERY

Lab Name: Paradigm Environmental Services
Lab Project #: 215562
Client Name: Neu-Velle
Client Project Name: 3130 Monroe Avenue
Client Project #: N/A
SDG No.: 5562-01
Matrix: Groundwater
QC Batch: voaw211214

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

	LAB SAMPLE NO.	CLIENT SAMPLE ID	PFB %REC	12DCEd4 %REC	TD8 %REC	4BFB %REC	Total Out
1	Blk 1	N/A	111	109	103	107	0
2	LCS 1	N/A	108	108	109	103	0
3	215562-02	MW3-20211208	113	117	107	115	0
4	215562-03	MW2-20211208	113	109	105	104	0
5	215562-04	MW1-20211209	115 *	111	103	105	1
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	QC LIMITS %
PFB = Pentafluorobenzene	(88.9 - 114)
12DCEd4 = 1,2-Dichloroethane-d4	(77.9 - 132)
TD8 = Toluene-d8	(75.6 - 117)
4BFB = 4-Bromofluorobenzene	(62.6 - 133)

* Values outside of current required QC limits
D Surrogate diluted out

FORM II VOA

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	21.4	107	83.7 - 129		12/13/2021
1,1,2,2-Tetrachloroethane	20.0	ug/L	16.9	84.5	22.4 - 207		12/13/2021
1,1,2-Trichloroethane	20.0	ug/L	20.1	101	64.1 - 133		12/13/2021
1,1-Dichloroethane	20.0	ug/L	20.6	103	85.5 - 117		12/13/2021
1,1-Dichloroethene	20.0	ug/L	19.1	95.7	68.1 - 110		12/13/2021
1,2-Dichlorobenzene	20.0	ug/L	14.9	74.6	74 - 121		12/13/2021
1,2-Dichloroethane	20.0	ug/L	20.3	101	79.4 - 120		12/13/2021
1,2-Dichloropropane	20.0	ug/L	19.7	98.7	81.6 - 104		12/13/2021
1,3-Dichlorobenzene	20.0	ug/L	16.2	81.0	71.2 - 106		12/13/2021
1,4-Dichlorobenzene	20.0	ug/L	15.9	79.5	72.8 - 107		12/13/2021
Benzene	20.0	ug/L	20.5	103	85.6 - 106		12/13/2021
Bromodichloromethane	20.0	ug/L	19.7	98.5	81.6 - 109		12/13/2021
Bromoform	20.0	ug/L	17.8	88.9	47.6 - 163		12/13/2021
Bromomethane	20.0	ug/L	25.8	129	36.5 - 164		12/13/2021
Carbon Tetrachloride	20.0	ug/L	20.8	104	79.7 - 122		12/13/2021
Chlorobenzene	20.0	ug/L	17.3	86.6	81.5 - 104		12/13/2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	21.9	110	65.6 - 131		12/13/2021
Chloroform	20.0	ug/L	21.3	106	86.3 - 116		12/13/2021
Chloromethane	20.0	ug/L	25.3	127	42.8 - 154		12/13/2021
cis-1,3-Dichloropropene	20.0	ug/L	19.1	95.4	73.7 - 111		12/13/2021
Dibromochloromethane	20.0	ug/L	20.6	103	71.5 - 120		12/13/2021
Ethylbenzene	20.0	ug/L	17.3	86.4	80.5 - 106		12/13/2021
Methylene chloride	20.0	ug/L	21.1	105	46.2 - 127		12/13/2021
Tetrachloroethene	20.0	ug/L	21.3	106	69.8 - 110		12/13/2021
Toluene	20.0	ug/L	20.4	102	72.9 - 107		12/13/2021
trans-1,2-Dichloroethene	20.0	ug/L	20.6	103	77.8 - 111		12/13/2021
trans-1,3-Dichloropropene	20.0	ug/L	18.5	92.7	53.4 - 130		12/13/2021
Trichloroethene	20.0	ug/L	20.0	99.8	81.6 - 108		12/13/2021
Trichlorofluoromethane	20.0	ug/L	22.3	112	74.6 - 129		12/13/2021
Vinyl chloride	20.0	ug/L	23.8	119	58.2 - 140		12/13/2021

Report Prepared Thursday, December 23, 2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte			Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
	Method Reference(s):	EPA 8260C							
		EPA 5030C							
	Data File:	z06015.D							
	QC Number:	LCS 1							
	QC Batch ID:	voaw211213							

Report Prepared *Thursday, December 23, 2021*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**
Project Reference: 3130 Monroe Avenue
Lab Project ID: 215562
SDG #: 5562-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	22.6	113	83.7 - 129		12/14/2021
1,1,2,2-Tetrachloroethane	20.0	ug/L	18.6	93.2	22.4 - 207		12/14/2021
1,1,2-Trichloroethane	20.0	ug/L	20.2	101	64.1 - 133		12/14/2021
1,1-Dichloroethane	20.0	ug/L	21.8	109	85.5 - 117		12/14/2021
1,1-Dichloroethene	20.0	ug/L	20.1	100	68.1 - 110		12/14/2021
1,2-Dichlorobenzene	20.0	ug/L	16.3	81.6	74 - 121		12/14/2021
1,2-Dichloroethane	20.0	ug/L	20.5	103	79.4 - 120		12/14/2021
1,2-Dichloropropane	20.0	ug/L	20.4	102	81.6 - 104		12/14/2021
1,3-Dichlorobenzene	20.0	ug/L	16.4	82.2	71.2 - 106		12/14/2021
1,4-Dichlorobenzene	20.0	ug/L	16.3	81.5	72.8 - 107		12/14/2021
Benzene	20.0	ug/L	21.0	105	85.6 - 106		12/14/2021
Bromodichloromethane	20.0	ug/L	20.0	100	81.6 - 109		12/14/2021
Bromoform	20.0	ug/L	18.7	93.4	47.6 - 163		12/14/2021
Bromomethane	20.0	ug/L	25.5	128	36.5 - 164		12/14/2021
Carbon Tetrachloride	20.0	ug/L	22.4	112	79.7 - 122		12/14/2021
Chlorobenzene	20.0	ug/L	17.7	88.3	81.5 - 104		12/14/2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	23.7	118	65.6 - 131		12/14/2021
Chloroform	20.0	ug/L	22.4	112	86.3 - 116		12/14/2021
Chloromethane	20.0	ug/L	26.6	133	42.8 - 154		12/14/2021
cis-1,3-Dichloropropene	20.0	ug/L	19.4	97.1	73.7 - 111		12/14/2021
Dibromochloromethane	20.0	ug/L	20.4	102	71.5 - 120		12/14/2021
Ethylbenzene	20.0	ug/L	17.9	89.3	80.5 - 106		12/14/2021
Methylene chloride	20.0	ug/L	25.0	125	46.2 - 127		12/14/2021
Tetrachloroethene	20.0	ug/L	21.9	109	69.8 - 110		12/14/2021
Toluene	20.0	ug/L	20.6	103	72.9 - 107		12/14/2021
trans-1,2-Dichloroethene	20.0	ug/L	21.9	109	77.8 - 111		12/14/2021
trans-1,3-Dichloropropene	20.0	ug/L	18.8	94.2	53.4 - 130		12/14/2021
Trichloroethene	20.0	ug/L	21.1	105	81.6 - 108		12/14/2021
Trichlorofluoromethane	20.0	ug/L	24.0	120	74.6 - 129		12/14/2021
Vinyl chloride	20.0	ug/L	25.1	125	58.2 - 140		12/14/2021

Report Prepared Thursday, December 23, 2021

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte			Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
	Method Reference(s):	EPA 8260C							
		EPA 5030C							
	Data File:	z06040.D							
	QC Number:	LCS 1							
	QC Batch ID:	voaw211214							

Report Prepared *Thursday, December 23, 2021*

VOLATILE METHOD BLANK SUMMARY

Lab Name:	Paradigm Environmental Services	Sample ID:	Blk 1
Lab Project #:	215562	Lab File ID:	z06016.D
Client Name:	Neu-Velle	Date Extracted:	12/13/2021
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/13/2021
Client Project #:	N/A	Time Analyzed:	13:29
SDG No.:	5562-01	Matrix:	Groundwater
		QC Batch:	voaw211213

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20

This Method Blank applies to the following Samples and QC

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS 1	N/A	z06015.D	12/13/2021 13:10
02	215562-01	MW4-20211207	z06027.D	12/13/2021 17:02
03	215562-05	Trip Blank T1084	z06026.D	12/13/2021 16:43
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VOLATILE METHOD BLANK SUMMARY

Lab Name:	Paradigm Environmental Services	Sample ID:	Blk 1
Lab Project #:	215562	Lab File ID:	z06041.D
Client Name:	Neu-Velle	Date Extracted:	12/14/2021
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/14/2021
Client Project #:	N/A	Time Analyzed:	14:08
SDG No.:	5562-01	Matrix:	Groundwater
		QC Batch:	voaw211214

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20

This Method Blank applies to the following Samples and QC

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS 1	N/A	z06040.D	12/14/2021 13:49
02	215562-02	MW3-20211208	z06043.D	12/14/2021 14:47
03	215562-03	MW2-20211208	z06044.D	12/14/2021 15:06
04	215562-04	MW1-20211209	z06045.D	12/14/2021 15:26
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name:	Paradigm Environmental Services	Sample ID:	BFB
Lab Project #:	215562	Lab File ID:	z05908.D
Client Name:	Neu-Velle		
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/8/2021
Client Project #:	N/A	Time Analyzed:	10:22
SDG No.:	5562-01		

Instrument ID: Instrument1

GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	15.6
75	30.0-60.0% of mass 95	48.4
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	7.4
173	Less then 2.0% of mass 174	0.7 (1.0) *1
174	50.0-100.0% of mass 95	99.4
175	5.0-9.0% of mass 174	6.8 (6.8) *1
176	95.0-101.0% of mass 174	94.4 (95.0) *1
177	5.0-9.0% of mass176	5.9 (5.9) *2

1: Value is % mass 174, 2: Value is % mass 176

This check applies to the following Samples, MS, MSD, Blanks & Standards

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	1 ppb iCal	N/A	z05909.D	12/8/2021 10:41
2	5 ppb iCal	N/A	z05910.D	12/8/2021 11:01
3	20 ppb iCal	N/A	z05911.D	12/8/2021 11:20
4	50 ppb iCal	N/A	z05912.D	12/8/2021 11:39
5	100 ppb iCal	N/A	z05913.D	12/8/2021 11:59
6	150 ppb iCal	N/A	z05914.D	12/8/2021 12:18
7	200 ppb iCal	N/A	z05915.D	12/8/2021 12:37
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FORM V VOA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name:	Paradigm Environmental Services	Sample ID:	BFB
Lab Project #:	215562	Lab File ID:	z06007.D
Client Name:	Neu-Velle		
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/13/2021
Client Project #:	N/A	Time Analyzed:	10:35
SDG No.:	5562-01		
		QC Batch:	voaw211213

Instrument ID: Instrument1

GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	15.9
75	30.0-60.0% of mass 95	44.4
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	6.6
173	Less then 2.0% of mass 174	0.7 (1.0) *1
174	50.0-100.0% of mass 95	99.3
175	5.0-9.0% of mass 174	6.7 (6.7) *1
176	95.0-101.0% of mass 174	97.0 (97.7) *1
177	5.0-9.0% of mass176	6.5 (6.5) *2

1: Value is % mass 174, 2: Value is % mass 176

This check applies to the following Samples, MS, MSD, Blanks & Standards

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	CCV	N/A	z06009.D	12/13/2021 11:14
2	Blk 1	N/A	z06016.D	12/13/2021 13:29
3	LCS 1	N/A	z06015.D	12/13/2021 13:10
4	215562-01	MW4-20211207	z06027.D	12/13/2021 17:02
5	215562-05	Trip Blank T1084	z06026.D	12/13/2021 16:43
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FORM V VOA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name:	Paradigm Environmental Services	Sample ID:	BFB
Lab Project #:	215562	Lab File ID:	z06030.D
Client Name:	Neu-Velle		
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/14/2021
Client Project #:	N/A	Time Analyzed:	10:36
SDG No.:	5562-01		
		QC Batch:	voaw211214

Instrument ID: Instrument1

GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	15.4
75	30.0-60.0% of mass 95	45.4
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	6.2
173	Less then 2.0% of mass 174	0.2 (0.3) *1
174	50.0-100.0% of mass 95	93.1
175	5.0-9.0% of mass 174	7.4 (8.0) *1
176	95.0-101.0% of mass 174	89.7 (96.3) *1
177	5.0-9.0% of mass176	7.3 (7.8) *2

1: Value is % mass 174, 2: Value is % mass 176

This check applies to the following Samples, MS, MSD, Blanks & Standards

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	CCV	N/A	z06030.D	12/14/2021 10:36
2	Blk 1	N/A	z06041.D	12/14/2021 14:08
3	LCS 1	N/A	z06040.D	12/14/2021 13:49
4	215562-02	MW3-20211208	z06043.D	12/14/2021 14:47
5	215562-03	MW2-20211208	z06044.D	12/14/2021 15:06
6	215562-04	MW1-20211209	z06045.D	12/14/2021 15:26
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FORM V VOA

8

VOLATILE INTERNAL STANDARD AREA and RT SUMMARY

Lab Name:	Paradigm Environmental Services	Sample ID:	CCV
Lab Project #:	215562	Lab File ID:	z06009.D
Client Name:	Neu-Velle		
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/13/2021
Client Project #:	N/A	Time Analyzed:	11:14
SDG No.:	5562-01		
		QC Batch:	voaw211213

Instrument ID: Instrument1

GC Column 1: DV-624 ID (mm): 0.20 Detector: MSD

CCV	IS1: FB		IS2: CBd5		IS3: 14DCBd4	
	Area	RT	Area	RT	AREA	RT
12 Hour Standard	898136	5.53	495750	8.71	138125	11.45
Upper Limit	1796272	6.03	991500	9.21	276250	11.95
Lower Limit	449068	5.03	247875	8.21	69063	10.95

This CCV applies to the following Samples and QC

	Lab Sample No.	Client Sample ID	IS1: FB Area	IS1: FB RT	IS2: CBd5 Area	IS2: CBd5 RT	IS3: 14DCBd4 AREA	IS3: 14DCBd4 RT
1	Blk1	N/A	810111	5.53	382071	8.71	139596	11.45
2	LCS1	N/A	854010	5.53	475032	8.71	142021	11.45
3	215562-01	MW4-20211207	728754	5.53	355226	8.71	134951	11.45
4	215562-05	Trip Blank T1084	767221	5.53	380111	8.71	133040	11.45
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IS1: FB = Fluorobenzene

IS2: CBd5 = Chlorobenzene-d5

IS3: 14DCBd4 = 1,4-Dichlorobenzene-d4

Notes: * Values outside of current required QC limits

Area Limits = -50% to +100% of 12 Hour Standard area

RT Limits = -0.50 to +0.50 minutes of 12 Hour Standard retention times

FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA and RT SUMMARY

Lab Name:	Paradigm Environmental Services	Sample ID:	CCV
Lab Project #:	215562	Lab File ID:	z06032.D
Client Name:	Neu-Velle		
Client Project Name:	3130 Monroe Avenue	Date Analyzed:	12/14/2021
Client Project #:	N/A	Time Analyzed:	11:15
SDG No.:	5562-01		
		QC Batch:	voaw211214

Instrument ID: Instrument1
GC Column 1: DV-624 ID (mm): 0.20 Detector: MSD

CCV	IS1: FB		IS2: CBd5		IS3: 14DCBd4	
	Area	RT	Area	RT	AREA	RT
12 Hour Standard	800638	5.53	444892	8.71	132147	11.45
Upper Limit	1601276	6.03	889784	9.21	264294	11.95
Lower Limit	400319	5.03	222446	8.21	66074	10.95

This CCV applies to the following Samples and QC

	Lab Sample No.	Client Sample ID	IS1: FB Area	IS1: FB RT	IS2: CBd5 Area	IS2: CBd5 RT	IS3: 14DCBd4 AREA	IS3: 14DCBd4 RT
1	Blk1	N/A	662622	5.53	326654	8.71	137355	11.45
2	LCS1	N/A	729148	5.53	396592	8.71	129013	11.45
3	215562-02	MW3-20211208	634931	5.53	320149	8.71	140191	11.45
4	215562-03	MW2-20211208	652249	5.53	337913	8.71	133837	11.45
5	215562-04	MW1-20211209	670351	5.53	336288	8.71	141582	11.45
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IS1: FB = Fluorobenzene
IS2: CBd5 = Chlorobenzene-d5
IS3: 14DCBd4 = 1,4-Dichlorobenzene-d4

Notes: * Values outside of current required QC limits
Area Limits = -50% to +100% of 12 Hour Standard area
RT Limits = -0.50 to +0.50 minutes of 12 Hour Standard retention times

FORM VIII VOA

Effiective Date: 03/12/2021

Volatiles

Compound	Aqueous Matrix EPA 5030C prep PQL	J	8260C and 624.1 (ug/L) MDL	Solid Matrix EPA 5035A prep PQL	J	8260C (ug/Kg) MDL	TCLP Extract EPA 1311/5030C PQL	J	8260C (ug/L) MDL
Dichlorodifluoromethane	2.00	1.00	0.458	2.00	1.00	0.600			
Chloromethane	2.00	1.00	0.318	2.00	1.00	0.721			
Vinyl chloride	2.00	1.00	0.290	2.00	1.00	0.463	2.00	1.00	0.46
Bromomethane	2.00	1.00	0.637	2.00	1.00	0.429			
Chloroethane	2.00	1.00	0.537	2.00	1.00	0.445			
Trichlorofluoromethane	2.00	1.00	0.238	2.00	1.00	0.280			
Ethyl ether	2.00	1.00	0.381	2.00	1.00	0.330			
Freon 113	2.00	1.00	0.191	2.00	1.00	0.247			
1,1-Dichloroethene	2.00	1.00	0.136	2.00	1.00	0.277	2.00	1.00	0.27
Acetone	10.0	5.00	2.680	10.0	5.00	3.14			
Carbon disulfide	2.00	1.00	0.731	2.00	1.00	0.937			
Methyl acetate	2.00	1.00	0.472	2.00	1.00	0.758			
Methylene chloride	5.00	2.84	0.453	5.00	2.50	1.77			
Acrylonitrile	2.00	1.00	0.610	2.00	1.00	0.668			
tert-Butyl alcohol	20.0	10.00	3.290	20.0	10.00	6.09			
Methyl tert-butyl Ether	2.00	1.00	0.199	2.00	1.00	0.170			
trans-1,2-Dichloroethene	2.00	1.00	0.343	2.00	1.00	0.182			
1,1-Dichloroethane	2.00	1.00	0.244	2.00	1.00	0.244			
Vinyl acetate	5.00	2.50	0.330	5.00	2.50	0.248			
2,2-Dichloropropane	2.00	1.00	0.540	2.00	1.00	0.437			
2-Butanone	10.0	5.00	0.701	10.0	5.00	4.97	10.0	5.00	0.60
cis-1,2-Dichloroethene	2.00	1.00	0.321	2.00	1.00	0.341			
Bromochloromethane	5.00	2.50	0.410	5.00	2.50	0.404			
Chloroform	2.00	1.00	0.326	2.00	1.00	0.481	2.00	1.00	0.32
Tetrahydrofuran	2.00	1.00	0.979	2.00	1.00	0.635			
1,1,1-Trichloroethane	2.00	1.00	0.375	2.00	1.00	0.214			
Cyclohexane	10.0	5.00	0.409	10.0	5.00	0.491			
Carbon Tetrachoride	2.00	1.00	0.288	2.00	1.00	0.297	2.00	1.00	0.27
Benzene	1.00	0.50	0.317	2.00	1.00	0.388	2.00	1.00	0.28
1,2-Dichloroethane	2.00	1.00	0.239	2.00	1.00	0.191	2.00	1.00	0.39
Trichloroethene	2.00	1.00	0.263	2.00	1.00	0.139	2.00	1.00	0.24
Methylcyclohexane	2.00	1.00	0.367	2.00	1.00	0.265			
1,4-Dioxane	10.0	5.00	0.716	10.0	5.0	1.14			
1,2-Dichloropropane	2.00	1.00	0.261	2.00	1.00	0.339			
Dibromomethane	2.00	1.00	0.258	2.00	1.00	0.394			
Bromodichloromethane	2.00	1.00	0.505	2.00	1.00	0.407			
2-Chloroethylvinyl ether	5.00	2.50	0.248	5.00	3.78	0.320			
1,1-Dichloropropene	2.00	1.00	0.267	2.00	1.00	0.213			
cis-1,3-Dichloropropene	2.00	1.00	0.203	2.00	1.00	0.261			
4-Methyl-2-pentanone	5.00	2.50	0.630	5.00	2.50	0.730			
Toluene	2.00	1.00	0.217	2.00	1.00	0.341			
trans-1,3-Dichloropropene	2.00	1.00	0.247	2.00	1.00	0.177			
1,1,2-Trichloroethane	2.00	1.00	0.242	2.00	1.00	0.404			
1,3-Dichloropropane	2.00	1.00	0.217	2.00	1.00	0.355			
Tetrachloroethene	2.00	1.00	0.514	2.00	1.00	0.365	2.00	1.00	0.73
2-Hexanone	5.00	2.50	0.279	5.00	2.50	0.373			
Dibromochloromethane	2.00	1.00	0.239	2.00	1.00	0.345			
1,2-Dibromoethane	2.00	1.00	0.254	2.00	1.00	0.302			
Chlorobenzene	2.00	1.00	0.339	2.00	1.00	0.468	2.00	1.00	0.39
1,1,1,2-Tetrachloroethane	2.00	1.00	0.369	2.00	1.00	0.345			
Ethylbenzene	2.00	1.00	0.283	2.00	1.00	0.416			
m,p-Xylene	2.00	1.00	0.896	2.00	1.00	0.868			

Volatiles	Aqueous Matrix EPA 5030C prep		8260C and 624.1 (ug/L)	Solid Matrix EPA 5035A prep		8260C (ug/Kg)	TCLP Extract EPA 1311/5030C		8260C (ug/L)
o-Xylene	2.00	1.00	0.303	2.00	1.00	0.453			
Styrene	5.00	2.50	0.270	5.00	2.50	0.342			
Bromoform	5.00	2.50	0.232	5.00	2.50	0.335			
Isopropylbenzene	2.00	1.00	0.322	2.00	1.00	0.473			
1,2,3-Trochloropropane	2.00	1.00	0.230	2.00	1.00	0.498			
Bromobenzene	5.00	2.50	0.286	5.00	2.50	0.437			
1,1,2,2-Tetrachloroethane	2.00	1.00	0.663	2.00	1.00	0.561			
n-Propylbenzene	2.00	1.00	0.240	2.00	1.00	0.289			
2-Chlorotoluene	2.00	1.00	0.443	2.00	1.00	0.495			
4-Chlorotoluene	2.00	1.36	1.360	2.00	1.00	0.337			
1,3,5-Trimethylbenzene	2.00	1.00	0.389	2.00	1.00	0.422			
tert-Butylbenzene	2.00	1.00	0.514	2.00	1.00	0.369			
1,2,4-Trimethylbenzene	2.00	1.00	0.386	2.00	1.00	0.379			
sec-Butylbenzene	2.00	1.00	0.625	2.00	1.00	0.402			
p-Isopropyltoluene	2.00	1.00	0.174	2.00	1.00	0.316			
1,3-Dichlorobenzene	2.00	1.13	1.130	2.00	1.00	0.833			
1,4-Dichlorobenzene	2.00	1.00	0.410	2.00	1.00	0.740			
n-Butylbenzene	2.00	1.53	1.530	2.00	1.00	0.649			
1,2-Dichlorobenzene	2.00	1.00	0.780	2.00	1.00	0.903			
1,2-Dibromo-3-Chloropropane	10.0	5.00	0.731	10.0	5.00	1.01			
1,2,4-Trochlorobenzene	5.00	2.50	1.580	5.00	2.50	0.520			
1,2,3-Trichlorobenzene	5.00	2.50	1.300	5.00	2.50	0.695			
Hexachlorobutadiene	5.00	2.50	1.060	5.00	2.50	0.610			
Naphthalene	5.00	2.50	0.457	5.00	2.50	0.711			

Soil Matrix: Assume 5.0g sample to a final volume of 5 ml.

VOLATILE ORGANICS

SAMPLE DATA

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW4-20211207		
Lab Sample ID:	215562-01	**Date Sampled:**	12/7/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1,2-Trichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1-Dichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1-Dichloroethene	< 2.00	ug/L		12/13/2021 17:02
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/13/2021 17:02
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/13/2021 17:02
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/13/2021 17:02
1,2-Dibromoethane	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichloropropane	< 2.00	ug/L		12/13/2021 17:02
1,3-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,4-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,4-Dioxane	< 10.0	ug/L		12/13/2021 17:02
2-Butanone	< 10.0	ug/L		12/13/2021 17:02
2-Hexanone	< 5.00	ug/L		12/13/2021 17:02
4-Methyl-2-pentanone	< 5.00	ug/L		12/13/2021 17:02
Acetone	< 10.0	ug/L		12/13/2021 17:02
Benzene	< 1.00	ug/L		12/13/2021 17:02
Bromochloromethane	< 5.00	ug/L		12/13/2021 17:02
Bromodichloromethane	< 2.00	ug/L		12/13/2021 17:02
Bromoform	< 5.00	ug/L		12/13/2021 17:02

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW4-20211207
Lab Sample ID: 215562-01 **Date Sampled:** 12/7/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Bromomethane	< 2.00	ug/L	12/13/2021	17:02
Carbon disulfide	< 2.00	ug/L	12/13/2021	17:02
Carbon Tetrachloride	< 2.00	ug/L	12/13/2021	17:02
Chlorobenzene	< 2.00	ug/L	12/13/2021	17:02
Chloroethane	< 2.00	ug/L	12/13/2021	17:02
Chloroform	< 2.00	ug/L	12/13/2021	17:02
Chloromethane	< 2.00	ug/L	12/13/2021	17:02
cis-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	17:02
cis-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	17:02
Cyclohexane	< 10.0	ug/L	12/13/2021	17:02
Dibromochloromethane	< 2.00	ug/L	12/13/2021	17:02
Dichlorodifluoromethane	< 2.00	ug/L	12/13/2021	17:02
Ethylbenzene	< 2.00	ug/L	12/13/2021	17:02
Freon 113	< 2.00	ug/L	12/13/2021	17:02
Isopropylbenzene	< 2.00	ug/L	12/13/2021	17:02
m,p-Xylene	< 2.00	ug/L	12/13/2021	17:02
Methyl acetate	< 2.00	ug/L	12/13/2021	17:02
Methyl tert-butyl Ether	< 2.00	ug/L	12/13/2021	17:02
Methylcyclohexane	< 2.00	ug/L	12/13/2021	17:02
Methylene chloride	< 5.00	ug/L	12/13/2021	17:02
o-Xylene	< 2.00	ug/L	12/13/2021	17:02
Styrene	< 5.00	ug/L	12/13/2021	17:02
Tetrachloroethene	< 2.00	ug/L	12/13/2021	17:02
Toluene	< 2.00	ug/L	12/13/2021	17:02
trans-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	17:02

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW4-20211207
Lab Sample ID: 215562-01 **Date Sampled:** 12/7/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	17:02
Trichloroethene	< 2.00	ug/L	12/13/2021	17:02
Trichlorofluoromethane	< 2.00	ug/L	12/13/2021	17:02
Vinyl chloride	< 2.00	ug/L	12/13/2021	17:02

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	77.9 - 132		12/13/2021	17:02
4-Bromofluorobenzene	**101**	62.6 - 133		12/13/2021	17:02
Pentafluorobenzene	**110**	88.9 - 114		12/13/2021	17:02
Toluene-D8	**99.0**	75.6 - 117		12/13/2021	17:02

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06027.D

Report Prepared Thursday, December 23, 2021

Nen-Velle

Quantitation Report (Not Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06027.D
Acq On : 13 Dec 2021 05:02 pm
Operator : Bill Brew
Sample : 215562-01
Misc : Water 5ml_JVTCL
ALS Vial : 22 Sample Multiplier: 1

TBDL

Quant Time: Dec 14 09:21:15 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

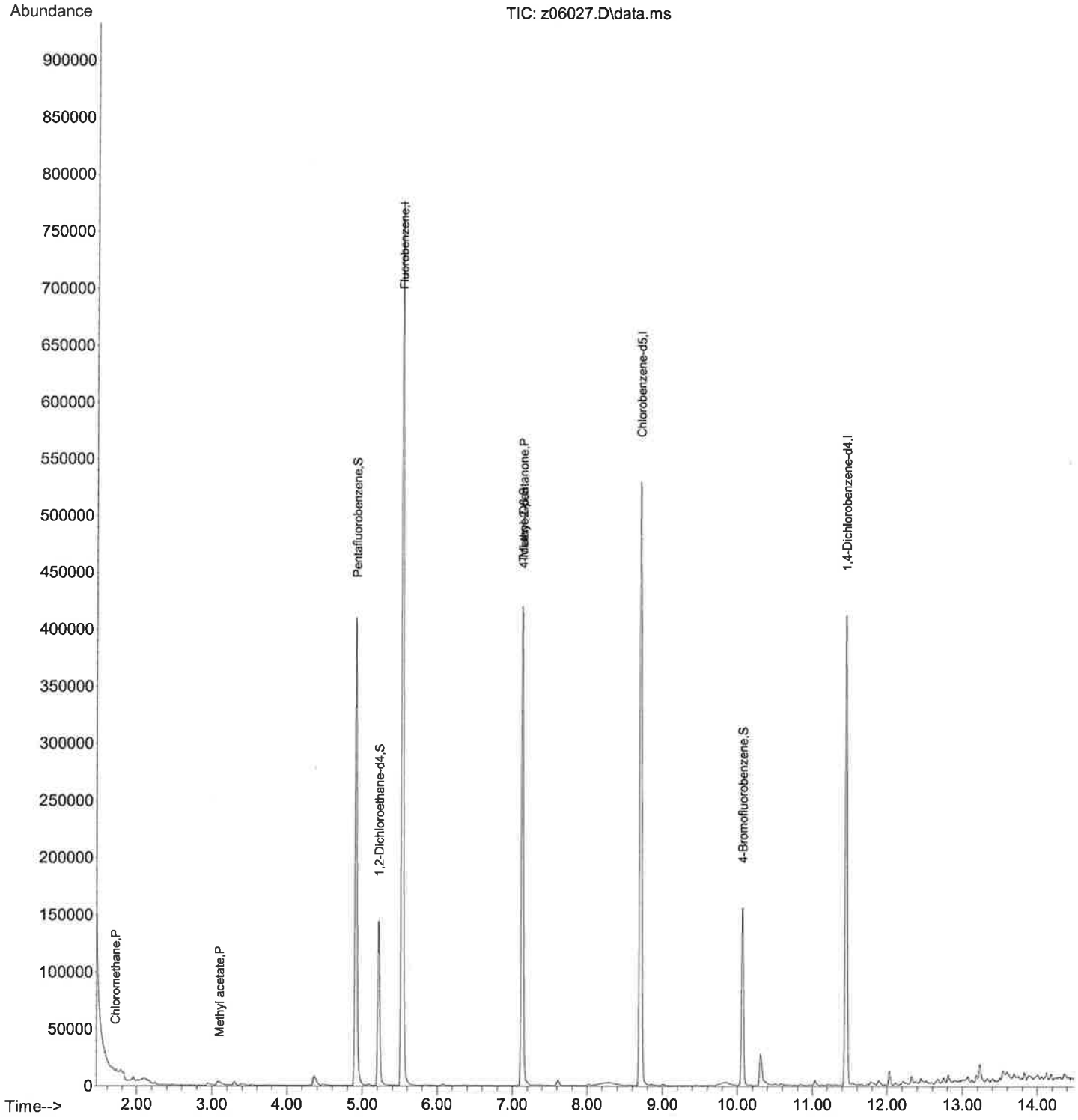
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	728754	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	355226	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	134951	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	304463	32.99	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 109.97%			
31) 1,2-Dichloroethane-d4	5.216	65	100947	31.28	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 104.27%			
49) Toluene-D8	7.129	98	321325	29.70	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 99.00%			
68) 4-Bromofluorobenzene	10.068	95	55773	30.31	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 101.03%			
Target Compounds						Qvalue
3) Chloromethane	1.708	50	1258	0.58	ug/L	96
11) Acetone	2.942	43	3187	Below Cal		95
14) Methyl acetate	3.097	43	647	0.56	ug/L	55
48) 4-Methyl-2-pentanone	7.132	58	2382	1.61	ug/L #	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06027.D
Acq On : 13 Dec 2021 05:02 pm
Operator : Bill Brew
Sample : 215562-01
Misc : Water 5ml_JVTCL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 14 09:21:15 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW3-20211208		
Lab Sample ID:	215562-02	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 14:47
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 14:47
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 14:47
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 14:47
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 14:47
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,4-Dioxane	< 10.0	ug/L		12/14/2021 14:47
2-Butanone	< 10.0	ug/L		12/14/2021 14:47
2-Hexanone	< 5.00	ug/L		12/14/2021 14:47
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 14:47
Acetone	< 10.0	ug/L		12/14/2021 14:47
Benzene	< 1.00	ug/L		12/14/2021 14:47
Bromochloromethane	< 5.00	ug/L		12/14/2021 14:47
Bromodichloromethane	< 2.00	ug/L		12/14/2021 14:47
Bromoform	< 5.00	ug/L		12/14/2021 14:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW3-20211208		
Lab Sample ID:	215562-02	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00	ug/L		12/14/2021	14:47
Carbon disulfide	< 2.00	ug/L		12/14/2021	14:47
Carbon Tetrachloride	< 2.00	ug/L		12/14/2021	14:47
Chlorobenzene	< 2.00	ug/L		12/14/2021	14:47
Chloroethane	< 2.00	ug/L		12/14/2021	14:47
Chloroform	< 2.00	ug/L		12/14/2021	14:47
Chloromethane	< 2.00	ug/L		12/14/2021	14:47
cis-1,2-Dichloroethene	**2.02**	ug/L		12/14/2021	14:47
cis-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	14:47
Cyclohexane	< 10.0	ug/L		12/14/2021	14:47
Dibromochloromethane	< 2.00	ug/L		12/14/2021	14:47
Dichlorodifluoromethane	< 2.00	ug/L		12/14/2021	14:47
Ethylbenzene	< 2.00	ug/L		12/14/2021	14:47
Freon 113	< 2.00	ug/L		12/14/2021	14:47
Isopropylbenzene	< 2.00	ug/L		12/14/2021	14:47
m,p-Xylene	< 2.00	ug/L		12/14/2021	14:47
Methyl acetate	< 2.00	ug/L		12/14/2021	14:47
Methyl tert-butyl Ether	< 2.00	ug/L		12/14/2021	14:47
Methylcyclohexane	< 2.00	ug/L		12/14/2021	14:47
Methylene chloride	**4.24**	ug/L	J	12/14/2021	14:47
o-Xylene	< 2.00	ug/L		12/14/2021	14:47
Styrene	< 5.00	ug/L		12/14/2021	14:47
Tetrachloroethene	< 2.00	ug/L		12/14/2021	14:47
Toluene	< 2.00	ug/L		12/14/2021	14:47
trans-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	14:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW3-20211208
Lab Sample ID: 215562-02 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/14/2021	14:47
Trichloroethene	< 2.00	ug/L	12/14/2021	14:47
Trichlorofluoromethane	< 2.00	ug/L	12/14/2021	14:47
Vinyl chloride	< 2.00	ug/L	12/14/2021	14:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**117**	77.9 - 132		12/14/2021	14:47
4-Bromofluorobenzene	**115**	62.6 - 133		12/14/2021	14:47
Pentafluorobenzene	**113**	88.9 - 114		12/14/2021	14:47
Toluene-D8	**107**	75.6 - 117		12/14/2021	14:47

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06043.D

Report Prepared Thursday, December 23, 2021

Neu-Velle

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06043.D
Acq On : 14 Dec 2021 02:47 pm
Operator : ~~Bill Brew~~
Sample : 215562-02
Misc : Water 5ml_JVTCL
ALS Vial : ~~15~~ Sample Multiplier: 1

Quant Time: Dec 14 15:06:51 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	634931	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.711	117	320149	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	140191	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.913	168	272362	33.87	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 112.90%			
31) 1,2-Dichloroethane-d4	5.216	65	98671	35.09	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 116.97%			
49) Toluene-D8	7.129	98	301343	31.97	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 106.57%			
68) 4-Bromofluorobenzene	10.068	95	57464	34.65	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 115.50%			
Target Compounds						Qvalue
11) Acetone	3.068	43	74	Below Cal	< 10	93
15) Methylene chloride	3.293	84	12767	4.24	ug/L	89
24) cis-1,2-Dichloroethene	4.444	96	8692	2.02	ug/L	96
35) Trichloroethene	5.891	130	2727	0.59	ug/L	< 2 84

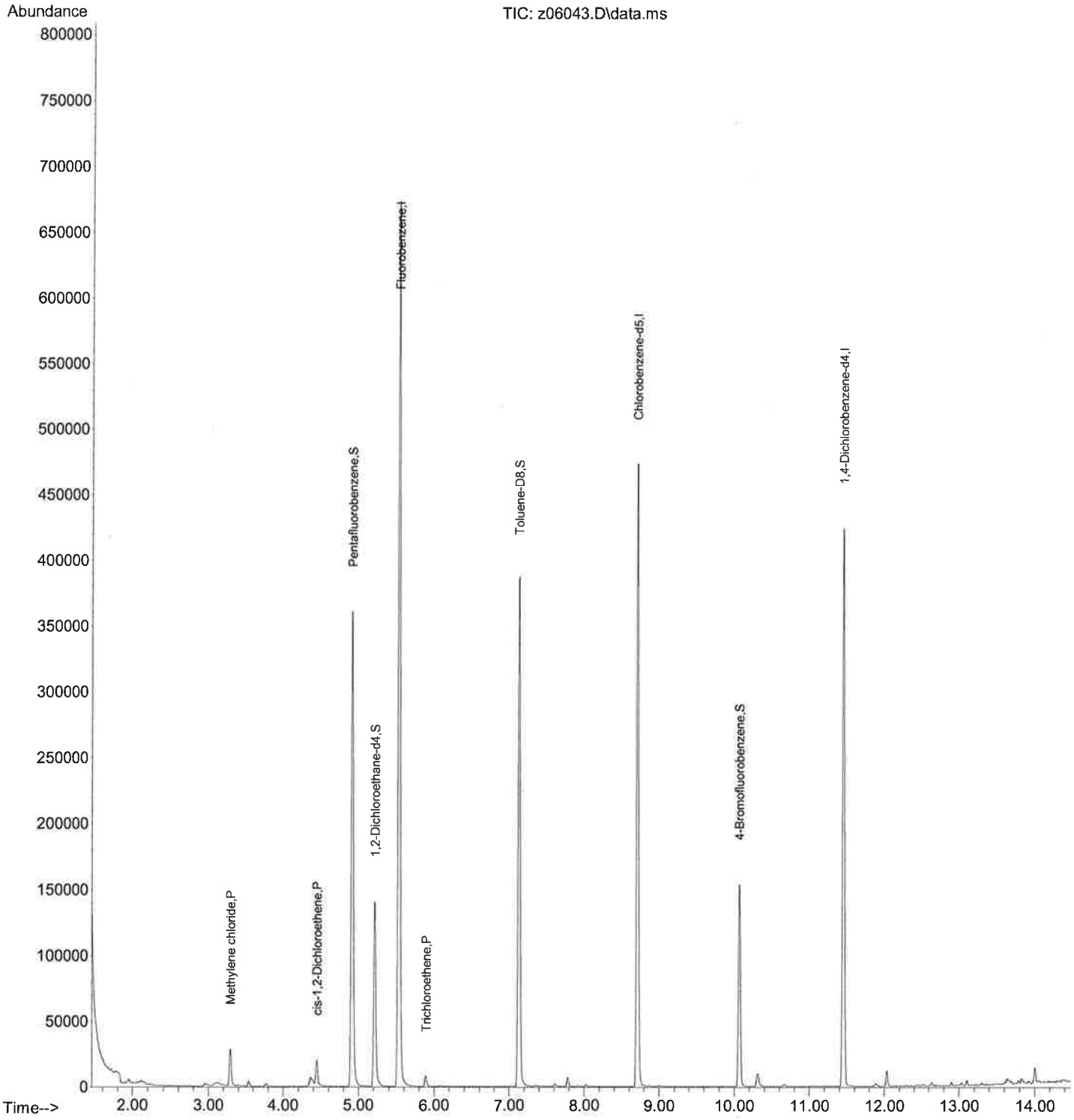
J

(#) = qualifier out of range (m) = manual integration (+) = signals summed

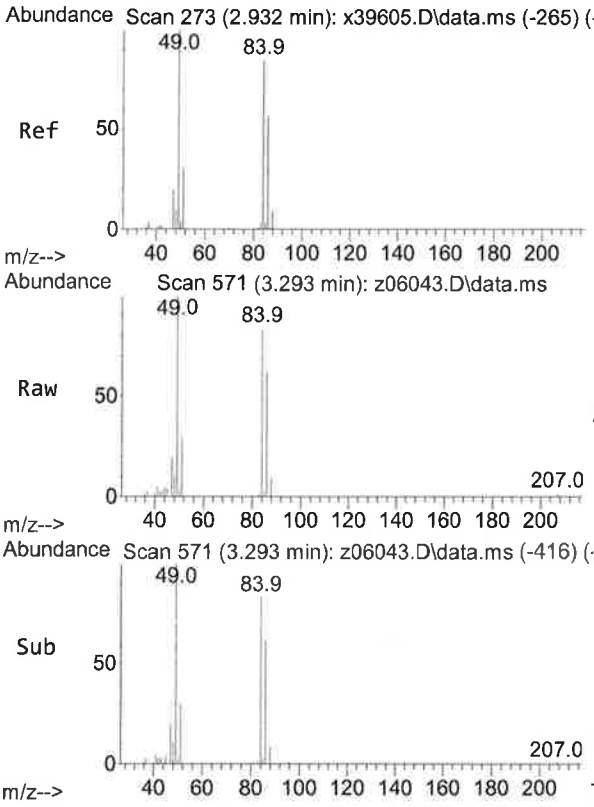
Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06043.D
Acq On : 14 Dec 2021 02:47 pm
Operator : Bill Brew
Sample : 215562-02
Misc : Water 5ml_JVTCL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 14 15:06:51 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

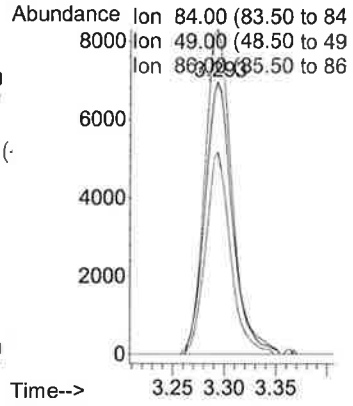


12/14/21 B/3

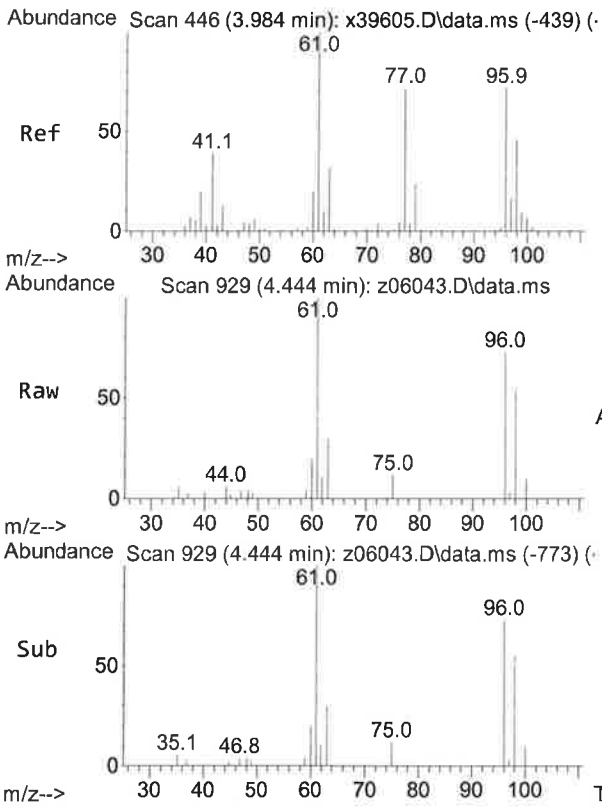


Tgt Ion: 84 Resp: 12767

Ion	Ratio	Lower	Upper
84	100		
49	118.7	83.1	123.1
86	67.8	44.8	84.8



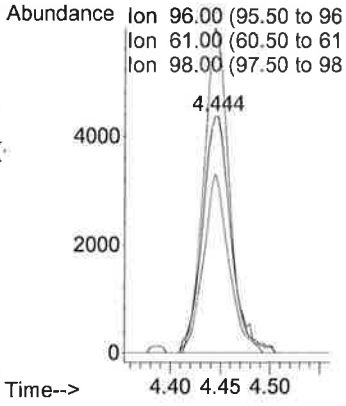
12/14/21 BB



#24
cis-1,2-Dichloroethene
Concen: 2.02 ug/L
RT: 4.444 min Scan# 929
Delta R.T. 0.000 min
Lab File: z06043.D
Acq: 14 Dec 2021 02:47 pm

Tgt Ion: 96 Resp: 8692

Ion	Ratio	Lower	Upper
96	100		
61	124.1	109.0	149.0
98	68.2	45.5	85.5



PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW2-20211208		
Lab Sample ID:	215562-03	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 15:06
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:06
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:06
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 15:06
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 15:06
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,4-Dioxane	< 10.0	ug/L		12/14/2021 15:06
2-Butanone	< 10.0	ug/L		12/14/2021 15:06
2-Hexanone	< 5.00	ug/L		12/14/2021 15:06
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 15:06
Acetone	< 10.0	ug/L		12/14/2021 15:06
Benzene	< 1.00	ug/L		12/14/2021 15:06
Bromochloromethane	< 5.00	ug/L		12/14/2021 15:06
Bromodichloromethane	< 2.00	ug/L		12/14/2021 15:06
Bromoform	< 5.00	ug/L		12/14/2021 15:06

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW2-20211208		
Lab Sample ID:	215562-03	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00	ug/L		12/14/2021	15:06
Carbon disulfide	< 2.00	ug/L		12/14/2021	15:06
Carbon Tetrachloride	< 2.00	ug/L		12/14/2021	15:06
Chlorobenzene	< 2.00	ug/L		12/14/2021	15:06
Chloroethane	< 2.00	ug/L		12/14/2021	15:06
Chloroform	< 2.00	ug/L		12/14/2021	15:06
Chloromethane	< 2.00	ug/L		12/14/2021	15:06
cis-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:06
cis-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	15:06
Cyclohexane	< 10.0	ug/L		12/14/2021	15:06
Dibromochloromethane	< 2.00	ug/L		12/14/2021	15:06
Dichlorodifluoromethane	< 2.00	ug/L		12/14/2021	15:06
Ethylbenzene	< 2.00	ug/L		12/14/2021	15:06
Freon 113	< 2.00	ug/L		12/14/2021	15:06
Isopropylbenzene	< 2.00	ug/L		12/14/2021	15:06
m,p-Xylene	< 2.00	ug/L		12/14/2021	15:06
Methyl acetate	< 2.00	ug/L		12/14/2021	15:06
Methyl tert-butyl Ether	< 2.00	ug/L		12/14/2021	15:06
Methylcyclohexane	< 2.00	ug/L		12/14/2021	15:06
Methylene chloride	**3.22**	ug/L	J	12/14/2021	15:06
o-Xylene	< 2.00	ug/L		12/14/2021	15:06
Styrene	< 5.00	ug/L		12/14/2021	15:06
Tetrachloroethene	< 2.00	ug/L		12/14/2021	15:06
Toluene	< 2.00	ug/L		12/14/2021	15:06
trans-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW2-20211208
Lab Sample ID: 215562-03 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/14/2021	15:06
Trichloroethene	< 2.00	ug/L	12/14/2021	15:06
Trichlorofluoromethane	< 2.00	ug/L	12/14/2021	15:06
Vinyl chloride	< 2.00	ug/L	12/14/2021	15:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**109**	77.9 - 132		12/14/2021	15:06
4-Bromofluorobenzene	**104**	62.6 - 133		12/14/2021	15:06
Pentafluorobenzene	**113**	88.9 - 114		12/14/2021	15:06
Toluene-D8	**105**	75.6 - 117		12/14/2021	15:06

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06044.D

Report Prepared Thursday, December 23, 2021

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06044.D
Acq On : 14 Dec 2021 03:06 pm
Operator : Bill Brew
Sample : 215562-03
Misc : Water 5ml_JVTCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 14 15:22:04 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

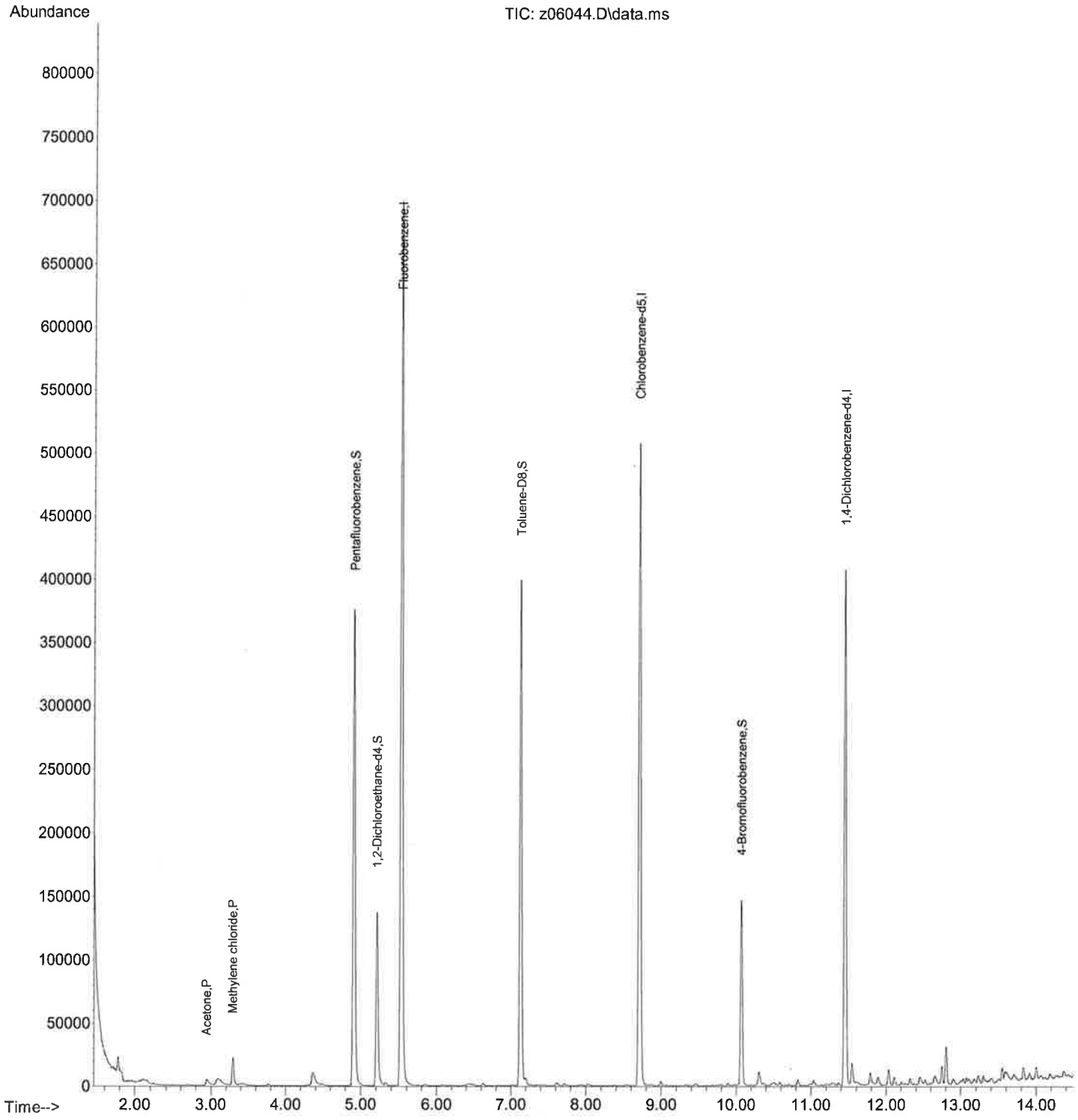
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	652249	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	337913	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	133837	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	279903	33.89	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 112.97%			
31) 1,2-Dichloroethane-d4	5.213	65	94647	32.76	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 109.20%			
49) Toluene-D8	7.129	98	305258	31.53	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 105.10%			
68) 4-Bromofluorobenzene	10.068	95	54846	31.33	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 104.43%			
Target Compounds						Qvalue
11) Acetone	2.943	43	8785	1.94	ug/L	93
J 15) Methylene chloride	3.293	84	9962	3.22	ug/L	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

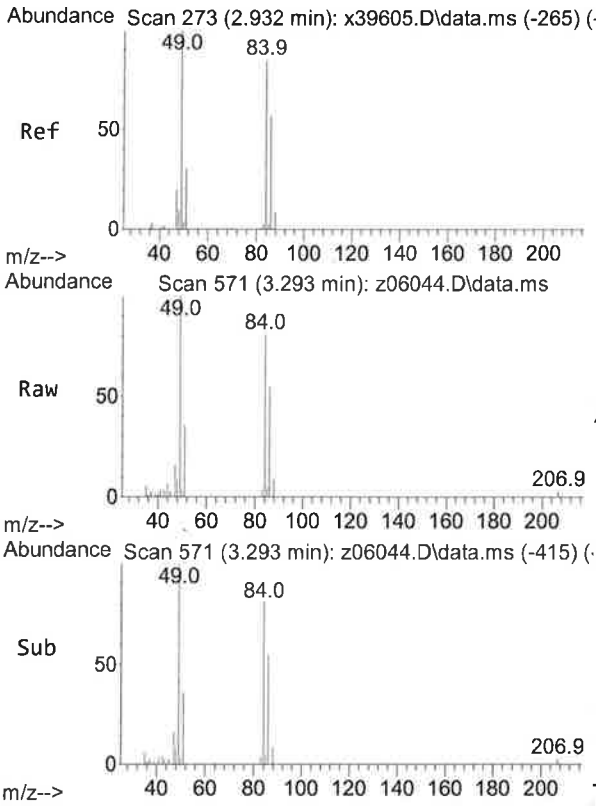
Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06044.D
Acq On : 14 Dec 2021 03:06 pm
Operator : Bill Brew
Sample : 215562-03
Misc : Water 5ml_JVTCL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 14 15:22:04 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



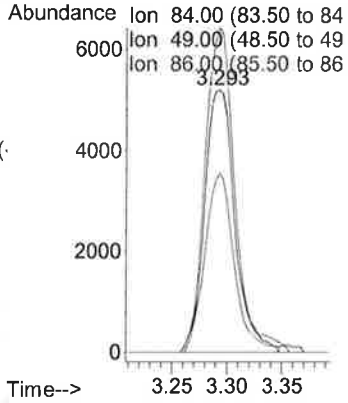
12/14/21 B15



#15
Methylene chloride
Concen: 3.22 ug/L
RT: 3.293 min Scan# 571
Delta R.T. 0.000 min
Lab File: z06044.D
Acq: 14 Dec 2021 03:06 pm

Tgt Ion: 84 Resp: 9962

Ion	Ratio	Lower	Upper
84	100		
49	120.9	83.1	123.1
86	65.9	44.8	84.8



PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW1-20211209		
Lab Sample ID:	215562-04	**Date Sampled:**	12/9/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 15:26
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:26
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:26
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 15:26
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 15:26
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,4-Dioxane	< 10.0	ug/L		12/14/2021 15:26
2-Butanone	< 10.0	ug/L		12/14/2021 15:26
2-Hexanone	< 5.00	ug/L		12/14/2021 15:26
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 15:26
Acetone	< 10.0	ug/L		12/14/2021 15:26
Benzene	< 1.00	ug/L		12/14/2021 15:26
Bromochloromethane	< 5.00	ug/L		12/14/2021 15:26
Bromodichloromethane	< 2.00	ug/L		12/14/2021 15:26
Bromoform	< 5.00	ug/L		12/14/2021 15:26

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW1-20211209		
Lab Sample ID:	215562-04	**Date Sampled:**	12/9/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00	ug/L		12/14/2021	15:26
Carbon disulfide	< 2.00	ug/L		12/14/2021	15:26
Carbon Tetrachloride	< 2.00	ug/L		12/14/2021	15:26
Chlorobenzene	< 2.00	ug/L		12/14/2021	15:26
Chloroethane	< 2.00	ug/L		12/14/2021	15:26
Chloroform	< 2.00	ug/L		12/14/2021	15:26
Chloromethane	< 2.00	ug/L		12/14/2021	15:26
cis-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:26
cis-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	15:26
Cyclohexane	< 10.0	ug/L		12/14/2021	15:26
Dibromochloromethane	< 2.00	ug/L		12/14/2021	15:26
Dichlorodifluoromethane	< 2.00	ug/L		12/14/2021	15:26
Ethylbenzene	< 2.00	ug/L		12/14/2021	15:26
Freon 113	< 2.00	ug/L		12/14/2021	15:26
Isopropylbenzene	< 2.00	ug/L		12/14/2021	15:26
m,p-Xylene	< 2.00	ug/L		12/14/2021	15:26
Methyl acetate	< 2.00	ug/L		12/14/2021	15:26
Methyl tert-butyl Ether	< 2.00	ug/L		12/14/2021	15:26
Methylcyclohexane	< 2.00	ug/L		12/14/2021	15:26
Methylene chloride	**4.95**	ug/L	J	12/14/2021	15:26
o-Xylene	< 2.00	ug/L		12/14/2021	15:26
Styrene	< 5.00	ug/L		12/14/2021	15:26
Tetrachloroethene	< 2.00	ug/L		12/14/2021	15:26
Toluene	< 2.00	ug/L		12/14/2021	15:26
trans-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:26

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW1-20211209
Lab Sample ID: 215562-04 **Date Sampled:** 12/9/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	15:26
Trichloroethene	< 2.00	ug/L		12/14/2021	15:26
Trichlorofluoromethane	< 2.00	ug/L		12/14/2021	15:26
Vinyl chloride	< 2.00	ug/L		12/14/2021	15:26

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**111**	77.9 - 132		12/14/2021	15:26
4-Bromofluorobenzene	**105**	62.6 - 133		12/14/2021	15:26
Pentafluorobenzene	**115**	88.9 - 114	*	12/14/2021	15:26
Toluene-D8	**103**	75.6 - 117		12/14/2021	15:26

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06045.D

Report Prepared Thursday, December 23, 2021

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06045.D
Acq On : 14 Dec 2021 03:26 pm
Operator : Bill Brew
Sample : 215562-04
Misc : Water 5ml_JVTCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 14 15:42:25 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

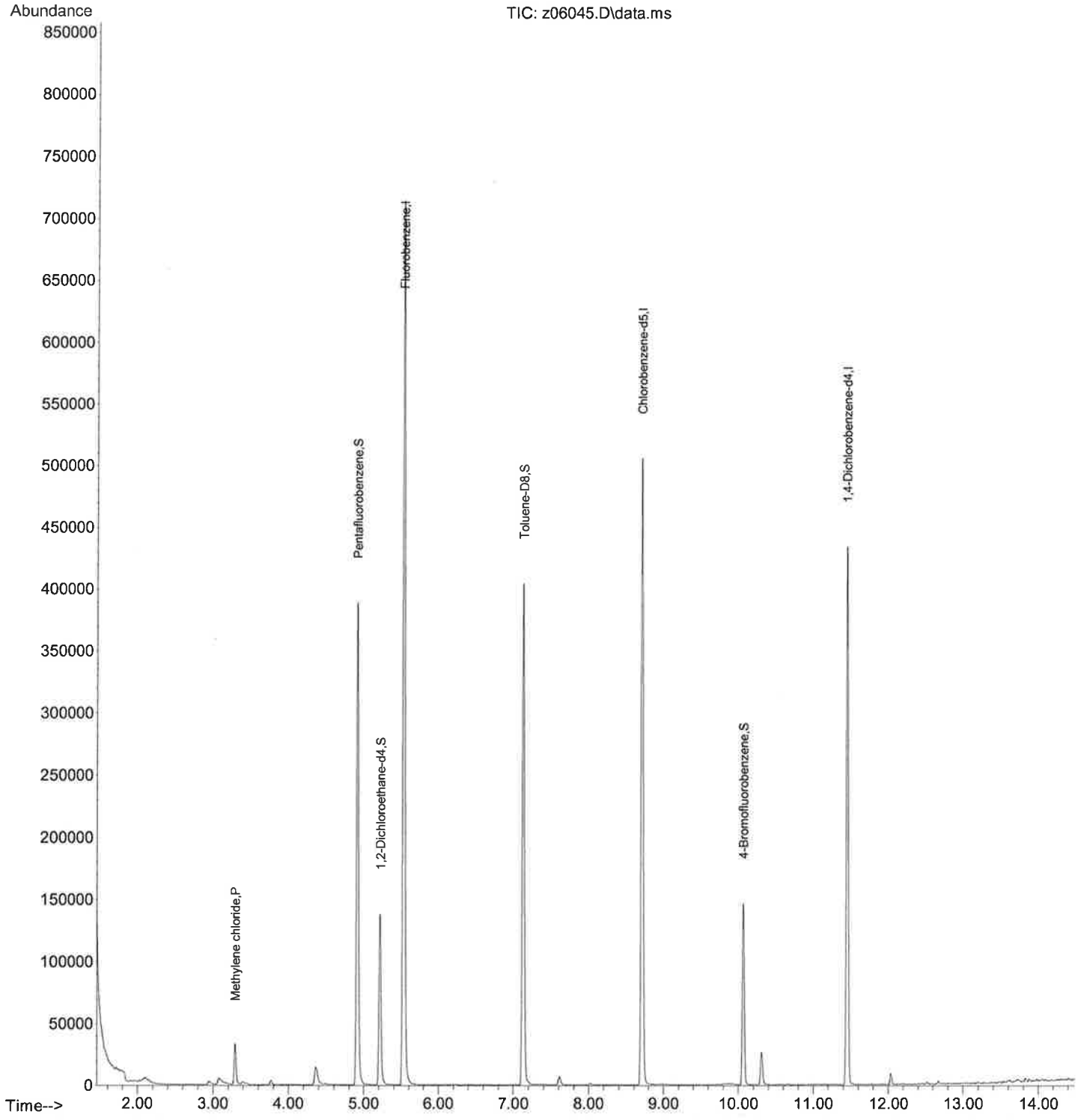
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	670351	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	336288	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	141582	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.910	168	293703	34.60	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 115.33%#			
31) 1,2-Dichloroethane-d4	5.216	65	99003	33.35	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 111.17%			
49) Toluene-D8	7.129	98	306327	30.78	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 102.60%			
68) 4-Bromofluorobenzene	10.068	95	54828	31.47	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 104.90%			
Target Compounds						Qvalue
11) Acetone	2.943	43	3602	Below Cal		74
15) Methylene chloride	3.293	84	15756	4.95	ug/L	96

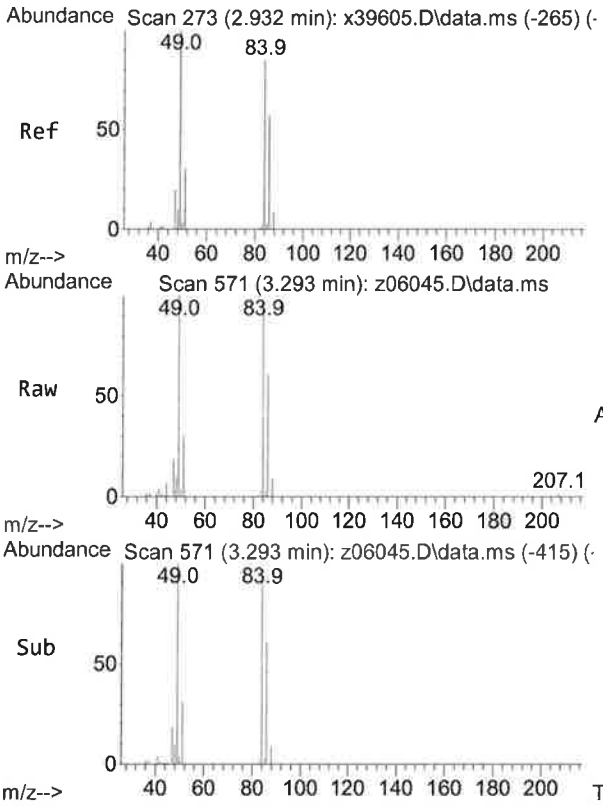
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06045.D
Acq On : 14 Dec 2021 03:26 pm
Operator : Bill Brew
Sample : 215562-04
Misc : Water 5ml_JVTCL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 14 15:42:25 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

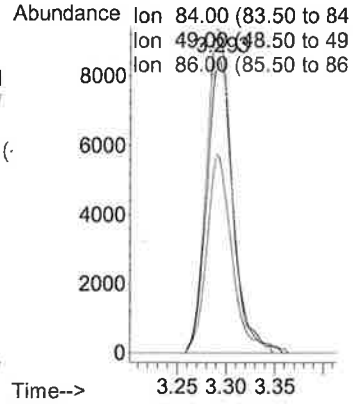




Methylene chloride
Concen: 4.95 ug/L
RT: 3.293 min Scan# 571
Delta R.T. 0.000 min
Lab File: z06045.D
Acq: 14 Dec 2021 03:26 pm

Tgt Ion: 84 Resp: 15756

Ion	Ratio	Lower	Upper
84	100		
49	109.4	83.1	123.1
86	64.6	44.8	84.8



12/14/21 BB

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	Trip Blank T1084		
Lab Sample ID:	215562-05	**Date Sampled:**	12/6/2021
Matrix:	Water	**Date Received:**	12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1,2-Trichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1-Dichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1-Dichloroethene	< 2.00	ug/L		12/13/2021 16:43
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/13/2021 16:43
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/13/2021 16:43
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/13/2021 16:43
1,2-Dibromoethane	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichloropropane	< 2.00	ug/L		12/13/2021 16:43
1,3-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,4-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,4-Dioxane	< 10.0	ug/L		12/13/2021 16:43
2-Butanone	< 10.0	ug/L		12/13/2021 16:43
2-Hexanone	< 5.00	ug/L		12/13/2021 16:43
4-Methyl-2-pentanone	< 5.00	ug/L		12/13/2021 16:43
Acetone	< 10.0	ug/L		12/13/2021 16:43
Benzene	< 1.00	ug/L		12/13/2021 16:43
Bromochloromethane	< 5.00	ug/L		12/13/2021 16:43
Bromodichloromethane	< 2.00	ug/L		12/13/2021 16:43
Bromoform	< 5.00	ug/L		12/13/2021 16:43

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: Trip Blank T1084
Lab Sample ID: 215562-05 **Date Sampled:** 12/6/2021
Matrix: Water **Date Received:** 12/9/2021

Bromomethane	< 2.00	ug/L	12/13/2021	16:43
Carbon disulfide	< 2.00	ug/L	12/13/2021	16:43
Carbon Tetrachloride	< 2.00	ug/L	12/13/2021	16:43
Chlorobenzene	< 2.00	ug/L	12/13/2021	16:43
Chloroethane	< 2.00	ug/L	12/13/2021	16:43
Chloroform	< 2.00	ug/L	12/13/2021	16:43
Chloromethane	< 2.00	ug/L	12/13/2021	16:43
cis-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	16:43
cis-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	16:43
Cyclohexane	< 10.0	ug/L	12/13/2021	16:43
Dibromochloromethane	< 2.00	ug/L	12/13/2021	16:43
Dichlorodifluoromethane	< 2.00	ug/L	12/13/2021	16:43
Ethylbenzene	< 2.00	ug/L	12/13/2021	16:43
Freon 113	< 2.00	ug/L	12/13/2021	16:43
Isopropylbenzene	< 2.00	ug/L	12/13/2021	16:43
m,p-Xylene	< 2.00	ug/L	12/13/2021	16:43
Methyl acetate	< 2.00	ug/L	12/13/2021	16:43
Methyl tert-butyl Ether	< 2.00	ug/L	12/13/2021	16:43
Methylcyclohexane	< 2.00	ug/L	12/13/2021	16:43
Methylene chloride	< 5.00	ug/L	12/13/2021	16:43
o-Xylene	< 2.00	ug/L	12/13/2021	16:43
Styrene	< 5.00	ug/L	12/13/2021	16:43
Tetrachloroethene	< 2.00	ug/L	12/13/2021	16:43
Toluene	< 2.00	ug/L	12/13/2021	16:43
trans-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	16:43

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: Trip Blank T1084
Lab Sample ID: 215562-05 **Date Sampled:** 12/6/2021
Matrix: Water **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	16:43
Trichloroethene	< 2.00	ug/L	12/13/2021	16:43
Trichlorofluoromethane	< 2.00	ug/L	12/13/2021	16:43
Vinyl chloride	< 2.00	ug/L	12/13/2021	16:43

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**108**	77.9 - 132		12/13/2021	16:43
4-Bromofluorobenzene	**111**	62.6 - 133		12/13/2021	16:43
Pentafluorobenzene	**110**	88.9 - 114		12/13/2021	16:43
Toluene-D8	**106**	75.6 - 117		12/13/2021	16:43

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06026.D

Report Prepared Thursday, December 23, 2021

Quantitation Report (Not Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06026.D
Acq On : 13 Dec 2021 04:43 pm
Operator : Bill Brew
Sample : 215562-05
Misc : Water 5ml_JVTCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 14 09:21:10 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

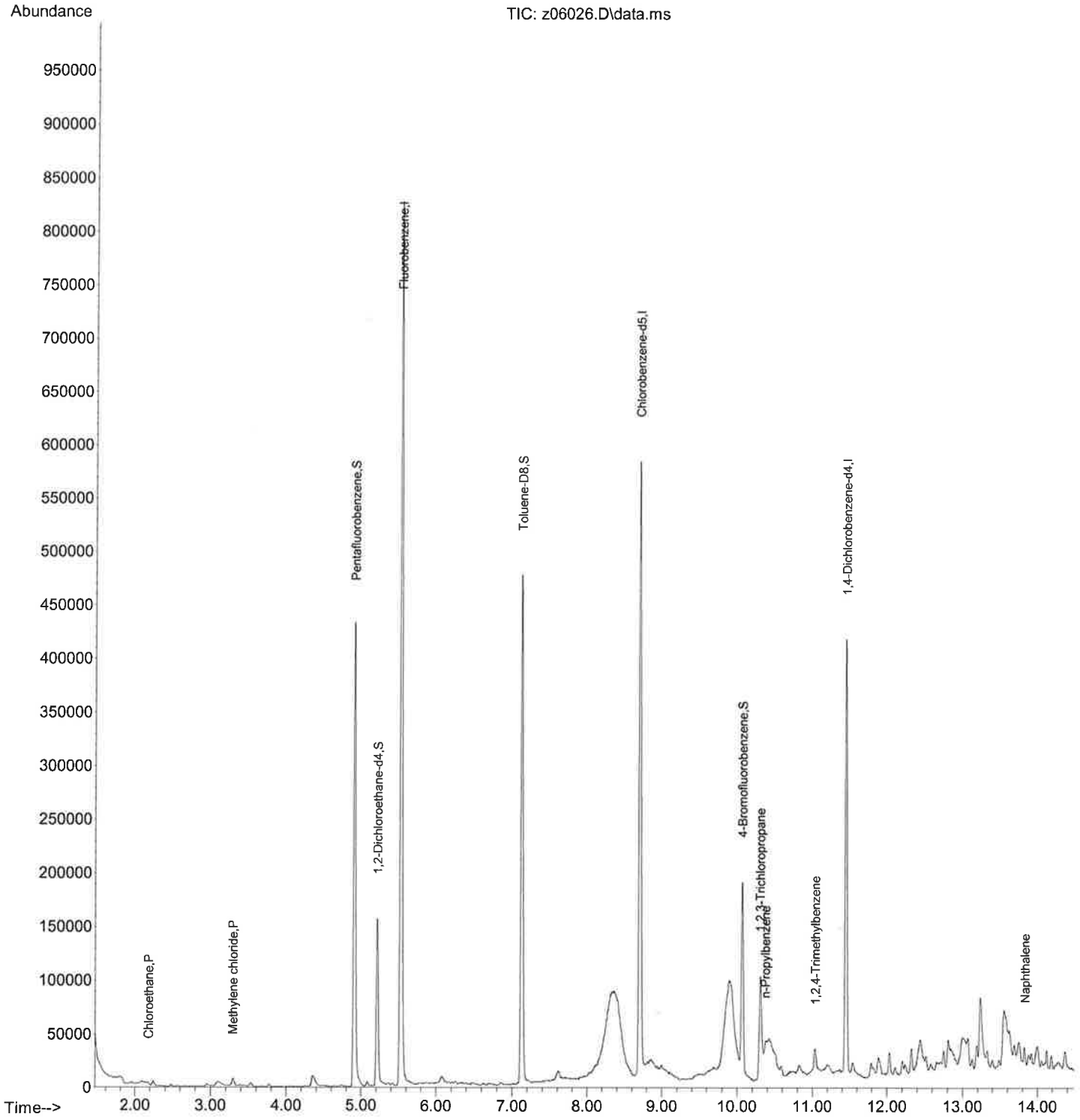
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	767221	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	380111	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	133040	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	321653	33.11	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 110.37%			
31) 1,2-Dichloroethane-d4	5.216	65	110512	32.52	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 108.40%			
49) Toluene-D8	7.129	98	360897	31.69	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 105.63%			
68) 4-Bromofluorobenzene	10.068	95	65459	33.24	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 110.80%			
Target Compounds						Qvalue
6) Chloroethane	2.184	64	1437	0.79	ug/L (m)	87
11) Acetone	2.943	43	3010	Below Cal	#CIO	63
15) Methylene chloride	3.293	84	2064	0.57	ug/L	92
67) 1,2,3-Trichloropropane	10.306	110	429	0.57	ug/L #5	1
71) n-Propylbenzene	10.373	91	7999	0.76	ug/L	75
76) 1,2,4-Trimethylbenzene	11.032	105	11750	1.37	ug/L	85
89) Naphthalene	13.823	128	11286	0.66	ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06026.D
Acq On : 13 Dec 2021 04:43 pm
Operator : Bill Brew
Sample : 215562-05
Misc : Water 5ml_JVTCL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 14 09:21:10 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



VOLATILE ORGANICS

STANDARDS DATA

Response Factor Report VOA

Method Path : D:\MassHunter\GCMS\1\methods\
Method File : 211208.M
Title : 8260/624 Analysis
Last Update : Wed Dec 08 14:34:39 2021
Response Via : Initial Calibration

12/8/21 BB

Calibration Files
1 =z05909.D 2 =z05910.D 3 =z05911.D 4 =z05912.D 5 =z05913.D 6 =z05914.D 7 =z05915.D

		Compound	1	2	3	4	5	6	7	Avg	%RSD	
1)	I	Fluorobenzene	----------ISTD----------									
2)	P	Dichlorodifluo...	0.206	0.158	0.160	0.153	0.148	0.141	0.143	0.158	13.98	
3)	P	Chloromethane	0.256	0.169	0.154	0.150	0.142	0.141	0.139	0.164	25.51	*
4)	P	Vinyl chloride	0.255	0.224	0.216	0.210	0.207	0.195	0.194	0.215	9.77	
5)	P	Bromomethane	0.238	0.201	0.163	0.146	0.141	0.127	0.132	0.164	24.95	*
6)	P	Chloroethane	0.158	0.106	0.112	0.108	0.104	0.095	0.087	0.110	20.88	*
7)	P	Trichlorofluor...	0.490	0.460	0.444	0.464	0.439	0.440	0.433	0.453	4.40	
8)		Ethyl ether	0.155	0.160	0.159	0.165	0.169	0.180	0.198	0.170	8.89	
9)	P	Freon 113	0.309	0.298	0.287	0.293	0.282	0.278	0.280	0.289	3.83	
10)	P	1,1-Dichloroet...	0.488	0.427	0.422	0.434	0.420	0.420	0.419	0.433	5.74	
11)	P	Acetone	0.357	0.147	0.153	0.144	0.134	0.124	0.136	0.170	48.47	*
12)		Isopropyl Alcohol								0.000	-1.00	
13)	P	Carbon disulfide	1.140	0.889	0.843	0.849	0.781	0.785	0.760	0.864	15.05	
14)	P	Methyl acetate	0.086	0.079	0.075	0.083	0.080	0.074	0.076	0.079#	5.61	
15)	P	Methylene chlo...	0.292	0.246	0.237	0.228	0.223	0.218	0.217	0.237	11.08	
16)		Acrylonitrile	0.064	0.048	0.049	0.051	0.048	0.044	0.046	0.050	12.88	
17)		tert-Butyl Alc...	0.034	0.027	0.026	0.024	0.025	0.026	0.025	0.027	12.15	
18)	P	Methyl tert-bu...	0.528	0.443	0.475	0.504	0.529	0.583	0.667	0.533	13.87	
19)	P	trans-1,2-Dich...	0.406	0.388	0.397	0.401	0.395	0.397	0.405	0.398	1.58	
20)	P	1,1-Dichloroet...	0.531	0.475	0.482	0.484	0.483	0.489	0.492	0.491	3.78	
21)		Vinyl acetate	0.182	0.166	0.184	0.194	0.208	0.235		0.195	12.40	
22)		2,2-Dichloropr...	0.375	0.336	0.337	0.360	0.354	0.365	0.379	0.358	4.71	
23)	P	2-Butanone	0.078	0.049	0.049	0.046	0.044	0.038	0.040	0.049#	27.16	*
24)	P	cis-1,2-Dichlo...	0.374	0.323	0.330	0.331	0.332	0.337	0.342	0.338	4.91	
25)		Bromochloromet...	0.162	0.150	0.156	0.150	0.154	0.156	0.154	0.155	2.61	
26)	P	Chloroform	0.573	0.488	0.501	0.502	0.500	0.502	0.506	0.510	5.52	
27)	S	Pentafluoroben...	0.646	0.639	0.636	0.628	0.623	0.621	0.639	0.633	1.44	
28)		Tetrahydrofuran	0.069	0.053	0.057	0.054	0.050	0.048	0.046	0.054	14.03	
29)	P	1,1,1-Trichlor...	0.468	0.431	0.425	0.446	0.436	0.443	0.445	0.442	3.11	
30)	P	Cyclohexane	0.536	0.468	0.464	0.485	0.461	0.468	0.473	0.479	5.45	
31)	S	1,2-Dichloroet...	0.224	0.228	0.214	0.218	0.222	0.219	0.227	0.221	2.27	
32)	P	Carbon Tetrach...	0.430	0.400	0.398	0.413	0.408	0.410	0.412	0.410	2.60	
33)	P	Benzene	1.240	1.086	1.116	1.128	1.121	1.134	1.145	1.139	4.24	
34)	P	1,2-Dichloroet...	0.350	0.305	0.321	0.316	0.321	0.325	0.329	0.324	4.21	
35)	P	Trichloroethene	0.411	0.353	0.352	0.362	0.357	0.359	0.363	0.365	5.67	
36)		tert-Butyl Ace...								0.000	-1.00	
37)	P	Methylcyclohexane	0.563	0.498	0.514	0.543	0.528	0.531	0.540	0.531	3.97	
38)		1,4-Dioxane			0.003	0.003	0.003	0.003	0.003	0.003	2.04	

* curve is not avg. of response factors

Method Path : D:\MassHunter\GCMS\1\methods\
Method File : 211208.M

39)	UN	Ethyl acetate							0.000	-1.00	
40)	P	1,2-Dichloropr...	0.296	0.261	0.278	0.285	0.286	0.294	0.303	0.286	4.91	
41)	UN	Isobutyl alcohol							0.000	-1.00	
42)		Dibromomethane	0.158	0.144	0.151	0.154	0.156	0.161	0.160	0.155	3.72	
43)	P	Bromodichlorom...	0.392	0.346	0.360	0.365	0.368	0.371	0.374	0.368	3.78	
44)		2-Chloroethyl ...		0.001	0.001	0.001	0.001	0.002	0.002	0.001	52.35	*
45)	UN	Isopropyl acetate							0.000	-1.00	
46)		1,1-Dichloropr...	0.442	0.401	0.398	0.411	0.400	0.404	0.408	0.409	3.71	
47)	P	cis-1,3-Dichlo...	0.404	0.348	0.379	0.403	0.417	0.432	0.449	0.405	8.25	
48)	P	4-Methyl-2-pen...	0.117	0.084	0.087	0.085	0.082	0.077	0.062	0.085#	19.59	*
49)	S	Toluene-D8	0.701	0.723	0.697	0.752	0.760	0.745	0.817	0.742	5.54	
50)	P	Toluene	1.011	0.925	0.992	1.052	1.037	1.053	1.079	1.021	5.02	
51)	P	trans-1,3-Dich...	0.273	0.262	0.288	0.310	0.327	0.345	0.363	0.310	12.14	
52)	P	1,1,2-Trichlor...	0.215	0.197	0.203	0.206	0.213	0.217	0.215	0.209	3.59	
53)		1,3-Dichloropr...	0.283	0.253	0.280	0.291	0.300	0.310	0.317	0.291	7.37	
54)	P	Tetrachloroethene	0.404	0.376	0.388	0.383	0.372	0.376	0.376	0.382	2.86	
55)	P	2-Hexanone	0.290	0.211	0.221	0.226	0.220	0.195	0.179	0.220	15.78	
56)	P	Dibromochlorom...	0.235	0.224	0.249	0.256	0.262	0.269	0.264	0.251	6.52	
57)	P	1,2-Dibromoethane	0.168	0.161	0.173	0.178	0.189	0.194	0.193	0.179	7.20	
58)	I	Chlorobenzene-d5	----------ISTD----------									
59)	P	Chlorobenzene	1.374	1.131	1.226	1.235	1.240	1.252	1.221	1.240	5.77	
60)		1,1,1,2-Tetrac...	0.496	0.459	0.505	0.511	0.511	0.526	0.512	0.503	4.22	
61)	P	Ethylbenzene	1.729	1.436	1.636	1.733	1.698	1.730	1.722	1.669	6.48	
62)	P	m,p-Xylene	0.588	0.507	0.577	0.604	0.593	0.596	0.594	0.580	5.72	
63)	P	o-Xylene	0.570	0.441	0.520	0.533	0.513	0.515	0.528	0.517	7.48	
64)	P	Styrene	0.814	0.671	0.749	0.778	0.769	0.768	0.840	0.770	6.94	
65)	P	Bromoform	0.319	0.264	0.284	0.282	0.297	0.299	0.287	0.290	5.93	
66)	P	Isopropylbenzene	1.352	1.173	1.289	1.339	1.236	1.227	1.293	1.273	5.05	
67)		1,2,3-Trichlor...	0.125	0.100	0.092	0.087	0.088	0.092	0.106	0.099	13.70	
68)	S	4-Bromofluorob...	0.279	0.279	0.255	0.265	0.242	0.231	0.262	0.259	6.97	
69)		Bromobenzene	0.467	0.368	0.410	0.406	0.385	0.378	0.402	0.402	8.05	
70)	P	1,1,2,2-Tetrac...	0.404	0.345	0.362	0.346	0.346	0.367	0.403	0.368	7.07	
71)		n-Propylbenzene	1.750	1.341	1.364	1.321	1.199	1.218	1.473	1.381	13.54	
72)		2-Chlorotoluene	0.381	0.309	0.341	0.329	0.294	0.290	0.330	0.325	9.70	
73)		4-Chlorotoluene	0.363	0.309	0.317	0.315	0.279	0.288	0.351	0.317	9.72	
74)		1,3,5-Trimethy...	1.265	0.983	1.026	1.037	0.905	0.972	1.270	1.065	13.56	
75)		tert-Butylbenzene	0.304	0.227	0.208	0.207	0.187	0.204	0.263	0.229	17.92	
76)		1,2,4-Trimethy...	1.401	1.074	1.056	1.003	0.936	1.045	1.386	1.129	16.52	
77)		sec-Butylbenzene	1.608	1.205	1.165	1.067	0.994	1.128	1.506	1.239	18.52	
78)		p-Isopropyltol...	1.553	1.247	1.154	1.073	1.066	1.227	1.601	1.275	17.14	
79)	I	1,4-Dichlorobenzen...	----------ISTD----------									
80)	P	1,3-Dichlorobe...	2.475	2.003	2.316	2.292	2.280	2.269	2.458	2.299	6.78	
81)	P	1,4-Dichlorobe...	2.601	1.997	2.307	2.264	2.303	2.353	2.569	2.342	8.66	
82)		n-Butylbenzene	5.020	4.265	4.517	4.387	4.988	4.756	4.719	4.665	6.19	
83)	P	1,2-Dichlorobe...	2.446	2.001	2.210	2.139	2.318	2.490	2.649	2.322	9.63	
84)	UN	Tetraethyllead							0.000	-1.00	

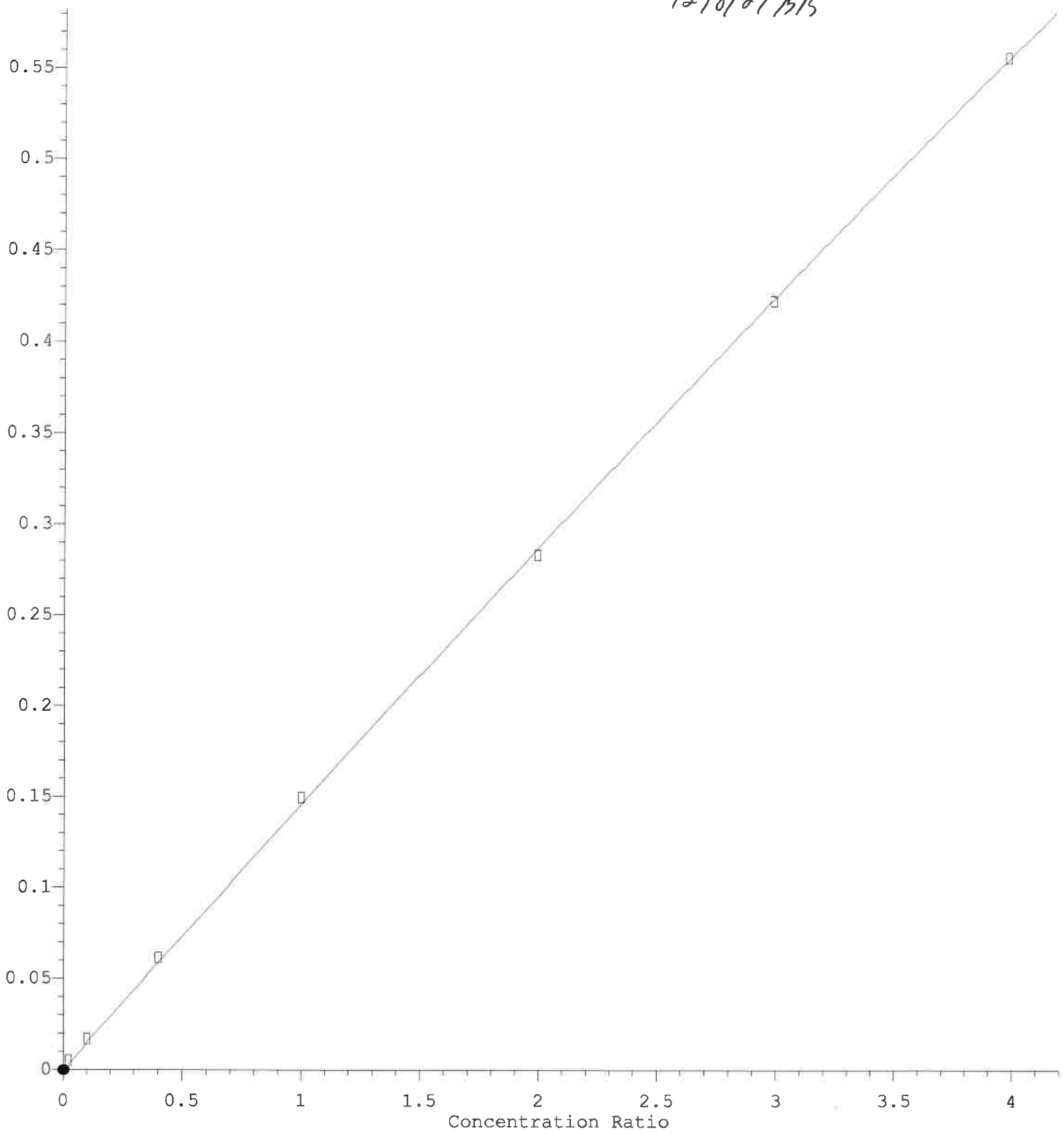
Method Path : D:\MassHunter\GCMS\1\methods\
Method File : 211208.M

85)	P	1,2-Dibromo-3-...	0.419	0.383	0.421	0.440	0.535	0.505	0.451	0.451	11.66
86)	P	1,2,4-Trichlor...	2.769	2.213	2.452	2.411	3.111	2.788	2.606	2.621	11.34
87)		1,2,3-Trichlor...	2.824	2.296	2.577	2.641	3.212	2.830	2.523	2.701	10.77
88)		Hexachlorobuta...	1.482	1.254	1.276	1.258	1.745	1.585	1.465	1.438	13.05
89)		Naphthalene	6.457	5.077	6.245	6.587	7.816	6.854	5.878	6.416	13.19

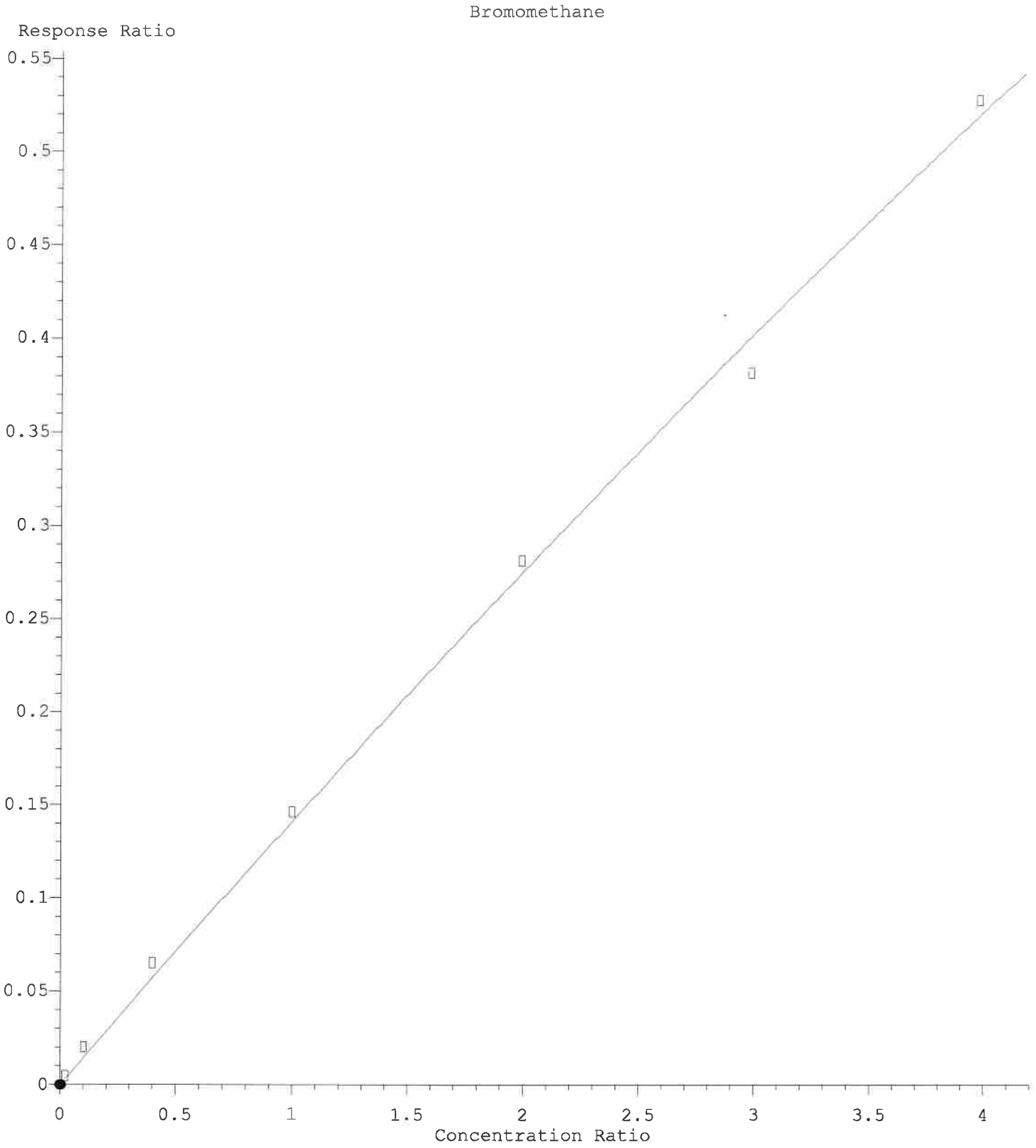
(#) = Out of Range

Chloromethane

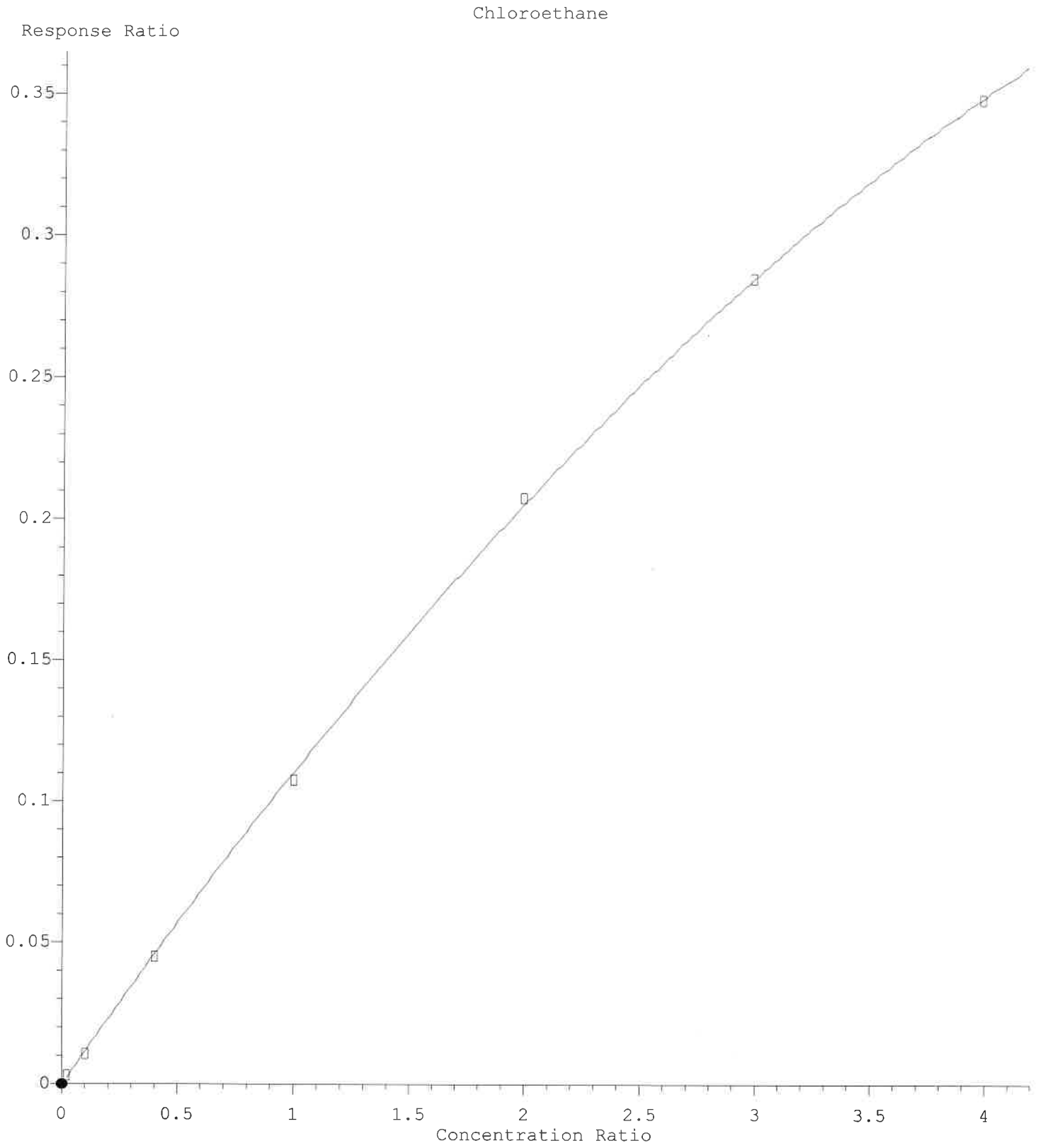
12/8/21 BIS



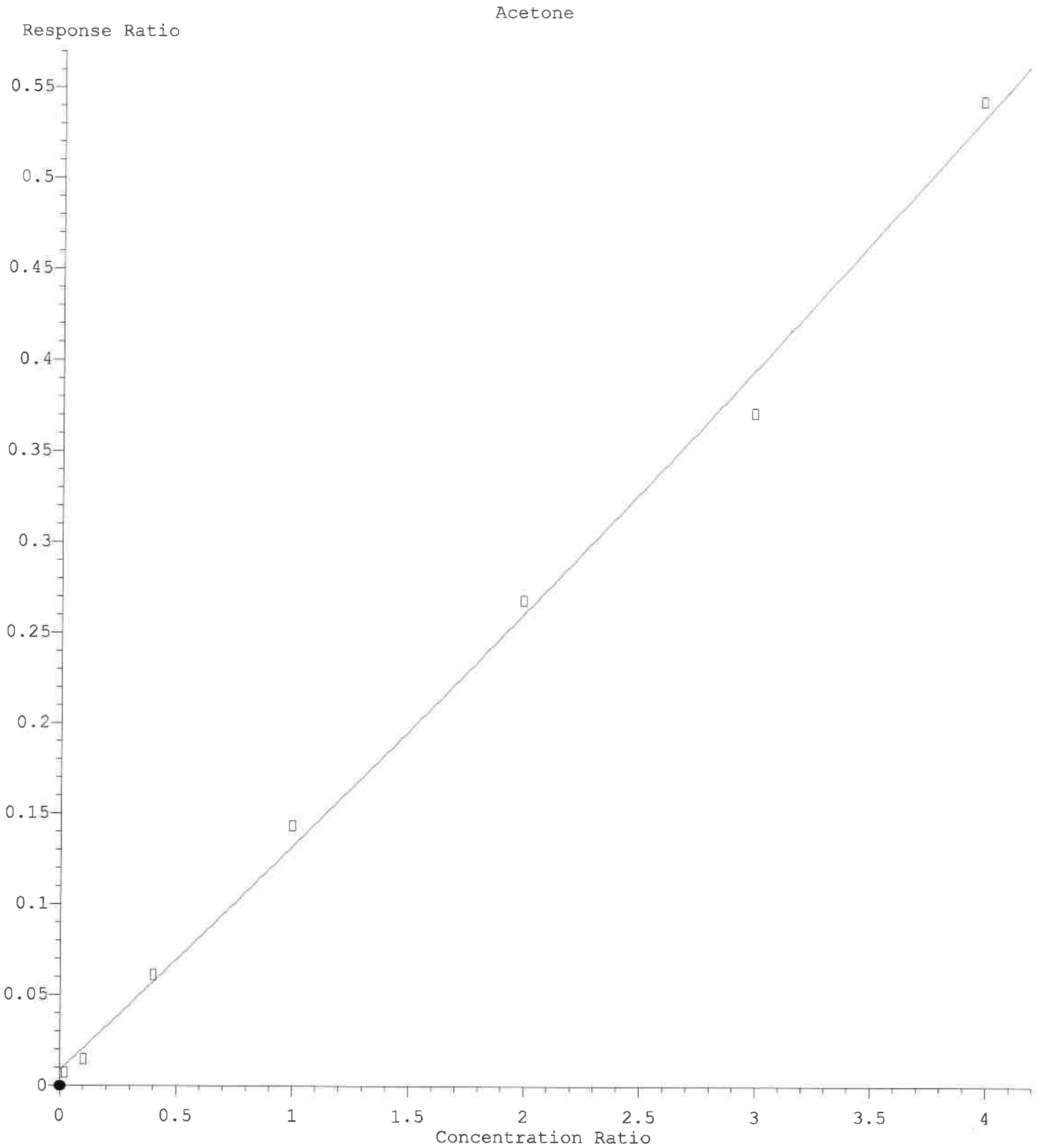
R = -2.336e-003 A*A + 1.480e-001 A + 0.000e+000
Coef of Det (r^2) = 0.999897 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



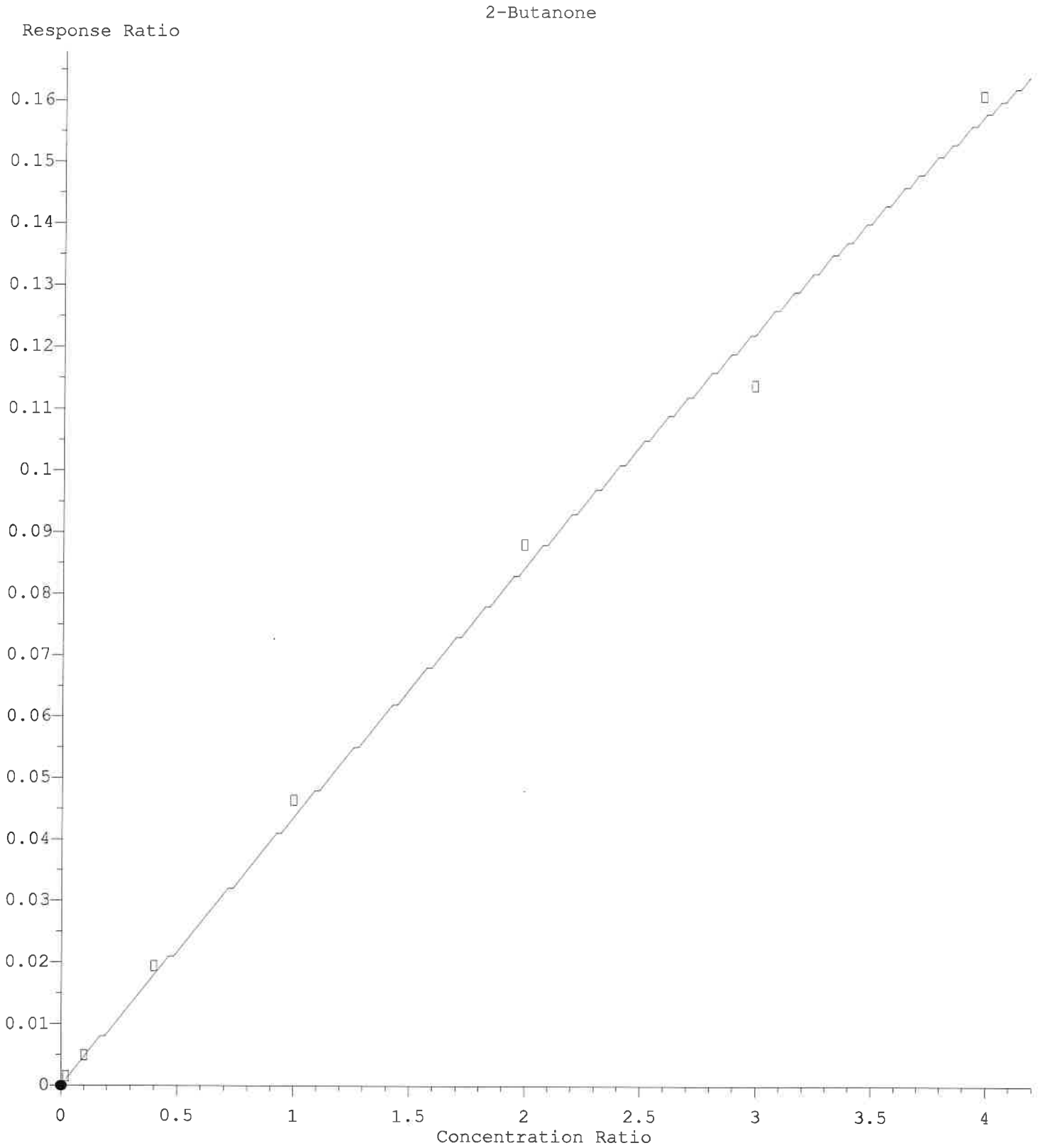
R = -3.723e-003 A*A + 1.447e-001 A + 0.000e+000
Coef of Det (r^2) = 0.997877 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



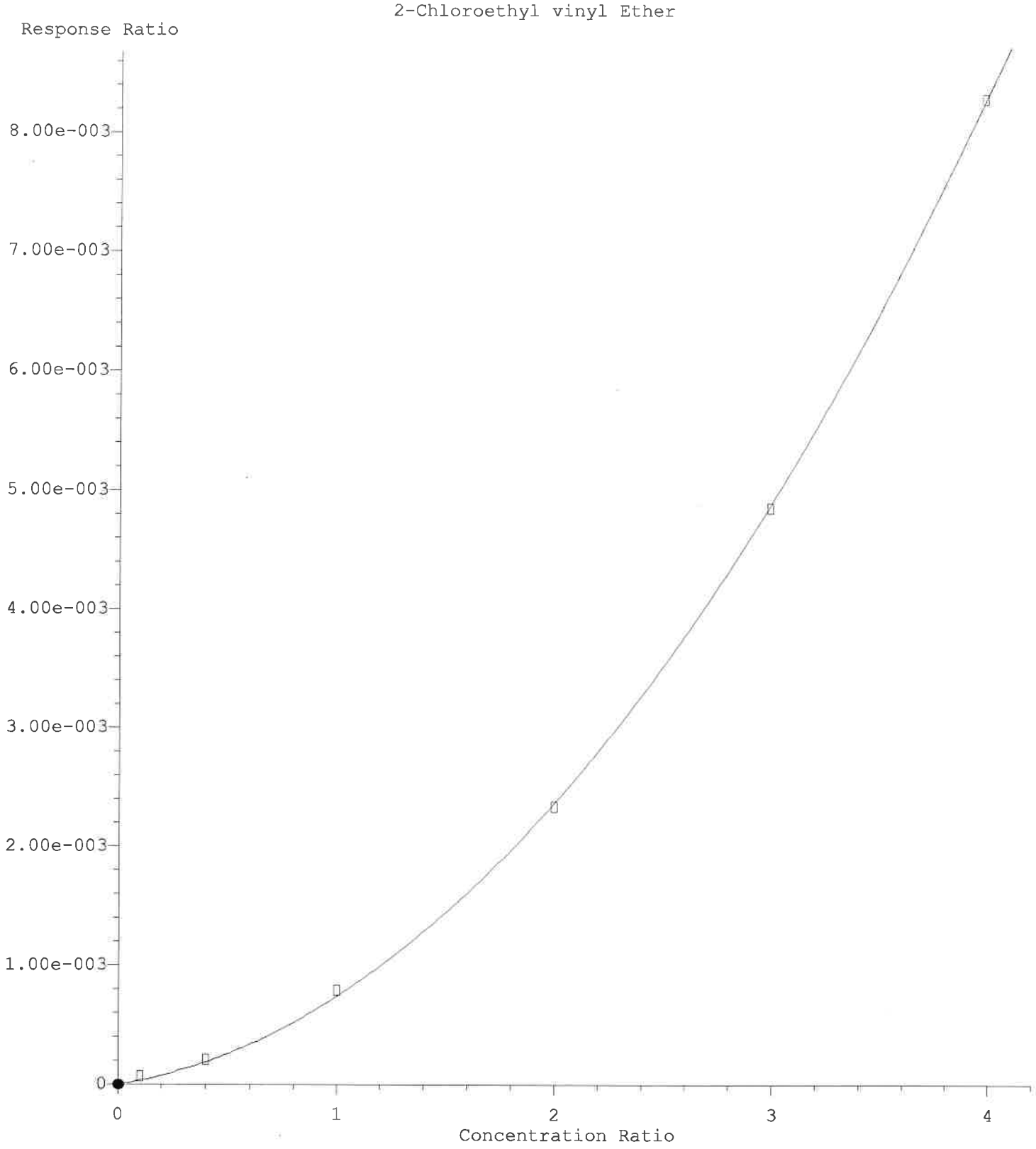
R = -7.721e-003 A*A + 1.181e-001 A + 0.000e+000
Coef of Det (r^2) = 0.999870 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



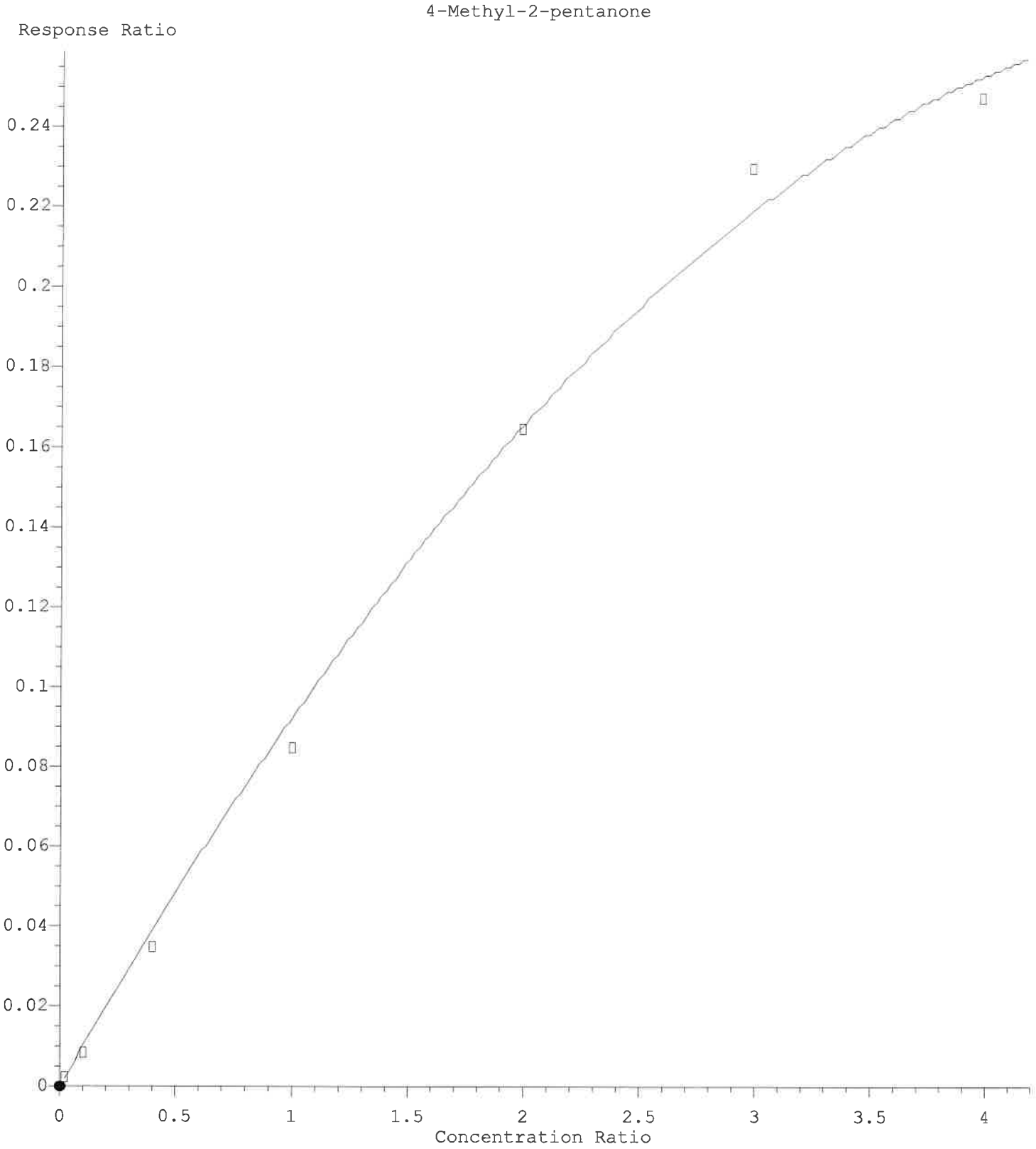
R = 2.622e-003 A*A + 1.206e-001 A + 8.793e-003
Coef of Det (r^2) = 0.996437 Curve Fit: Quadratic
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



R = -1.470e-003 A*A + 4.519e-002 A + 0.000e+000
Coef of Det (r^2) = 0.995341 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



R = 4.414e-004 A*A + 3.011e-004 A + 0.000e+000
Coef of Det (r^2) = 0.999915 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021



R = -9.729e-003 A*A + 1.021e-001 A + 0.000e+000
Coef of Det (r^2) = 0.996850 Curve Fit: Quad/(0,0)
Method Name: D:\MassHunter\GCMS\1\methods\211208.M
Calibration Table Last Updated: Wed Dec 08 14:34:39 2021

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05909.D
Acq On : 08 Dec 2021 10:41 am
Operator : Bill Brew
Sample : 1ppb maga Cal
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 16:15:41 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 1515

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	881989	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.711	117	375446	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	133607	50.00	ug/L		0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.914	168	341650	30.59	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 101.97%				
31) 1,2-Dichloroethane-d4	5.216	65	118275	30.28	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 100.93%				
49) Toluene-D8	7.129	98	371000	28.34	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 94.47%				
68) 4-Bromofluorobenzene	10.068	95	62858	32.32	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 107.73%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	3628	1.30	ug/L		94
3) Chloromethane	1.708	50	4522	1.73	ug/L		93
4) Vinyl chloride	1.801	62	4502	1.19	ug/L		95
5) Bromomethane	2.094	94	4193	1.64	ug/L		98
6) Chloroethane	2.180	64	2795	1.34	ug/L		95
7) Trichlorofluoromethane	2.406	101	8644	1.08	ug/L		96
8) Ethyl ether	2.663	59	2741	0.92	ug/L	#	84
9) Freon 113	2.856	101	5443	1.07	ug/L		98
10) 1,1-Dichloroethene	2.865	61	8611	1.13	ug/L		91
11) Acetone	2.946	43	6290	Below Cal			98
13) Carbon disulfide	3.068	76	20103	1.32	ug/L		96
14) Methyl acetate	3.222	43	1523	1.09	ug/L	#	55
15) Methylene chloride	3.293	84	5154	1.23	ug/L		90
16) Acrylonitrile	3.537	53	807	0.91	ug/L		91
17) tert-Butyl Alcohol	3.422	59	5993	12.62	ug/L	#	65
18) Methyl tert-butyl Ether	3.534	73	9313	0.99	ug/L		97
19) trans-1,2-Dichloroethene	3.534	61	7166	1.02	ug/L		96
20) 1,1-Dichloroethane	3.914	63	9366	1.08	ug/L		95
21) Vinyl acetate	3.965	43	3209	0.93	ug/L		81
22) 2,2-Dichloropropane	4.447	77	6614	1.05	ug/L		93
23) 2-Butanone	4.476	72	1377	1.73	ug/L	#	51
24) cis-1,2-Dichloroethene	4.444	96	6593	1.10	ug/L		96
25) Bromochloromethane	4.666	128	2854	1.05	ug/L	#	84
26) Chloroform	4.733	83	10107	1.12	ug/L		94
28) Tetrahydrofuran	4.737	42	859	0.90	ug/L	#	65
29) 1,1,1-Trichloroethane	4.910	97	8259	1.06	ug/L	#	1
30) Cyclohexane	4.968	56	9451	1.12	ug/L	#	82
32) Carbon Tetrachloride	5.071	117	7593	1.05	ug/L	#	72
33) Benzene	5.270	78	21870	1.09	ug/L		97
34) 1,2-Dichloroethane	5.290	62	6166	1.08	ug/L		93
35) Trichloroethene	5.888	130	7254	1.13	ug/L		96
37) Methylcyclohexane	6.077	83	9936	1.06	ug/L		93
40) 1,2-Dichloropropane	6.119	63	5220	1.03	ug/L		97
42) Dibromomethane	6.241	93	2785	1.02	ug/L		93

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05909.D
Acq On : 08 Dec 2021 10:41 am
Operator : Bill Brew
Sample : 1ppb maga Cal
Misc :
ALS Vial : 4 Sample Multiplier: 1

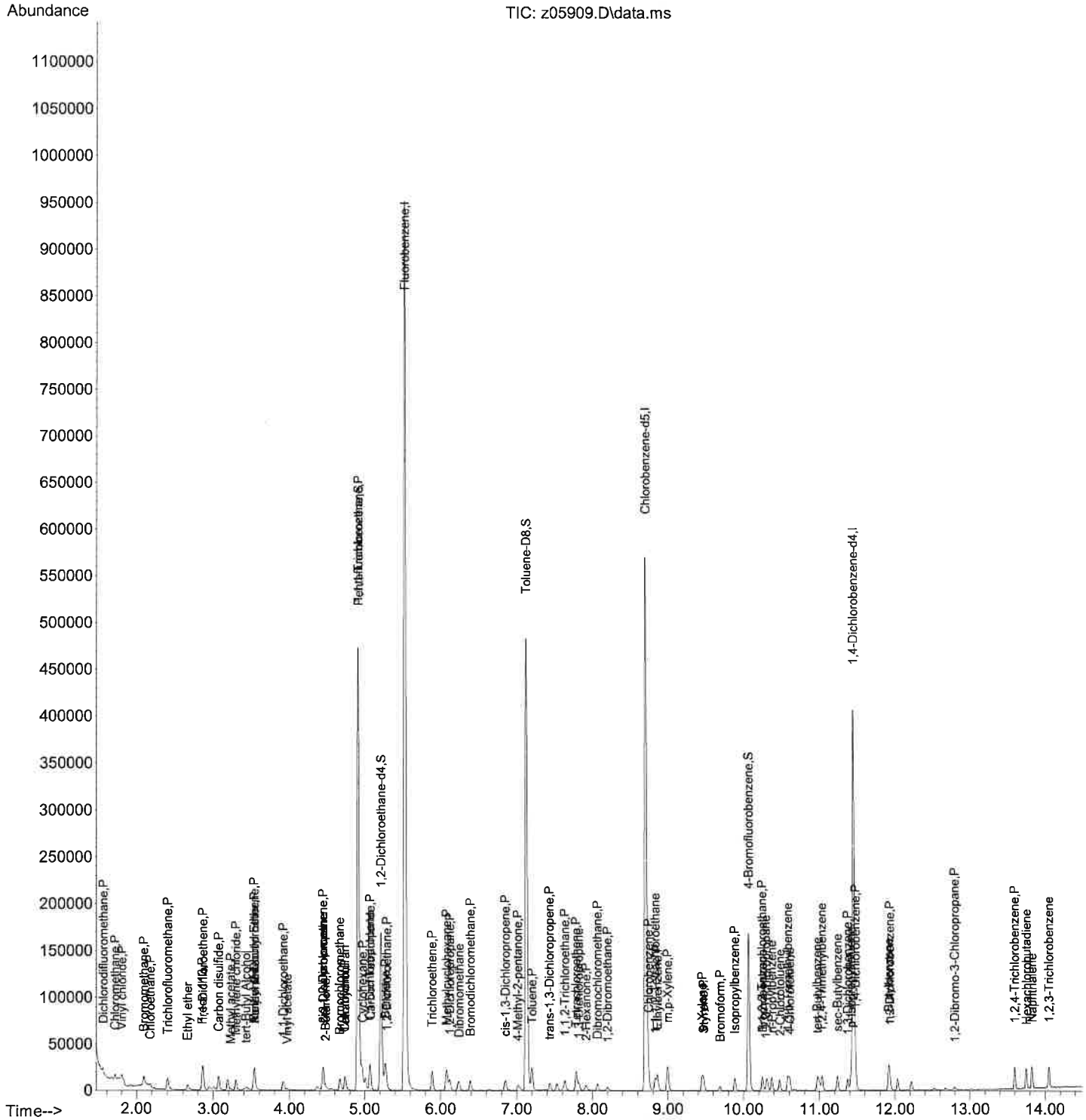
Quant Time: Dec 08 16:15:41 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Bromodichloromethane	6.389	83	6910	1.06 ug/L	99
46) 1,1-Dichloropropene	5.065	75	7793	1.08 ug/L	93
47) cis-1,3-Dichloropropene	6.849	75	7122	1.00 ug/L	97
48) 4-Methyl-2-pentanone	7.013	58	2066	1.15 ug/L #	80
50) Toluene	7.200	91	17838	0.99 ug/L	98
51) trans-1,3-Dichloropropene	7.428	75	4823	0.88 ug/L	87
52) 1,1,2-Trichloroethane	7.634	97	3799	1.03 ug/L	93
53) 1,3-Dichloropropane	7.817	76	4988	0.97 ug/L	100
54) Tetrachloroethene	7.782	166	7125	1.06 ug/L	94
55) 2-Hexanone	7.913	43	5109	1.31 ug/L	87
56) Dibromochloromethane	8.065	129	4148	0.94 ug/L #	92
57) 1,2-Dibromoethane	8.196	107	2961	0.94 ug/L #	94
59) Chlorobenzene	8.743	112	10321	1.11 ug/L #	72
60) 1,1,1,2-Tetrachloroethane	8.833	131	3726	0.99 ug/L	91
61) Ethylbenzene	8.862	91	12984	1.04 ug/L	100
62) m,p-Xylene	8.994	106	8827	2.03 ug/L	97
63) o-Xylene	9.454	106	4280	1.10 ug/L	91
64) Styrene	9.473	104	6110	1.06 ug/L	98
65) Bromoform	9.692	173	2398	1.10 ug/L	95
66) Isopropylbenzene	9.884	105	10153	1.06 ug/L	98
67) 1,2,3-Trichloropropane	10.293	110	941	1.27 ug/L #	88
69) Bromobenzene	10.248	156	3504	1.16 ug/L	87
70) 1,1,2,2-Tetrachloroethane	10.245	83	3031	1.10 ug/L	97
71) n-Propylbenzene	10.373	91	13140	1.27 ug/L	92
72) 2-Chlorotoluene	10.479	126	2864	1.17 ug/L	94
73) 4-Chlorotoluene	10.608	126	2727	1.14 ug/L #	84
74) 1,3,5-Trimethylbenzene	10.582	105	9498	1.19 ug/L	98
75) tert-Butylbenzene	10.971	134	2283	1.33 ug/L #	82
76) 1,2,4-Trimethylbenzene	11.032	105	10518	2.49 ug/L	96
77) sec-Butylbenzene	11.238	105	12077	1.30 ug/L	93
78) p-Isopropyltoluene	11.415	119	11665	1.22 ug/L	97
80) 1,3-Dichlorobenzene	11.373	146	6613	1.08 ug/L	94
81) 1,4-Dichlorobenzene	11.479	146	6951	1.11 ug/L #	75
82) n-Butylbenzene	11.913	91	13415	1.08 ug/L	96
83) 1,2-Dichlorobenzene	11.929	146	6535	1.05 ug/L	98
85) 1,2-Dibromo-3-Chloropr...	12.798	157	1120	0.93 ug/L	90
86) 1,2,4-Trichlorobenzene	13.598	180	7400	1.06 ug/L	99
87) 1,2,3-Trichlorobenzene	14.052	180	7547	1.05 ug/L	97
88) Hexachlorobutadiene	13.753	225	3960	1.03 ug/L	95
89) Naphthalene	13.826	128	17255	1.01 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05909.D
Acq On : 08 Dec 2021 10:41 am
Operator : Bill Brew
Sample : 1ppb maga Cal
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 16:15:41 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05910.D
Acq On : 08 Dec 2021 11:01 am
Operator : Bill Brew
Sample : 5ppb maga Cal
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 16:16:52 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 BB

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	888478	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.708	117	408042	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	136600	50.00	ug/L		0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.910	168	340676	30.28	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 100.93%				
31) 1,2-Dichloroethane-d4	5.213	65	121352	30.84	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 102.80%				
49) Toluene-D8	7.129	98	385561	29.23	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 97.43%				
68) 4-Bromofluorobenzene	10.068	95	68349	32.33	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 107.77%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	14032	4.99	ug/L		99
3) Chloromethane	1.708	50	15034	5.73	ug/L		97
4) Vinyl chloride	1.801	62	19911	5.22	ug/L		95
5) Bromomethane	2.094	94	17864	6.97	ug/L		91
6) Chloroethane	2.181	64	9395	4.50	ug/L		92
7) Trichlorofluoromethane	2.406	101	40837	5.07	ug/L		99
8) Ethyl ether	2.663	59	14229	4.72	ug/L		93
9) Freon 113	2.856	101	26459	5.15	ug/L		98
10) 1,1-Dichloroethene	2.865	61	37895	4.92	ug/L		97
11) Acetone	2.939	43	13027	2.43	ug/L		93
13) Carbon disulfide	3.068	76	78971	5.15	ug/L		99
14) Methyl acetate	3.216	43	7037	5.00	ug/L		89
15) Methylene chloride	3.293	84	21813	5.18	ug/L		95
16) Acrylonitrile	3.534	53	4309	4.85	ug/L		98
17) tert-Butyl Alcohol	3.418	59	24423	51.05	ug/L	#	80
18) Methyl tert-butyl Ether	3.534	73	39317	4.15	ug/L		89
19) trans-1,2-Dichloroethene	3.534	61	34452	4.87	ug/L		94
20) 1,1-Dichloroethane	3.917	63	42193	4.84	ug/L		98
21) Vinyl acetate	3.959	43	14745	4.26	ug/L		91
22) 2,2-Dichloropropane	4.444	77	29829	4.69	ug/L		98
23) 2-Butanone	4.480	72	4396	5.49	ug/L	#	80
24) cis-1,2-Dichloroethene	4.444	96	28735	4.78	ug/L		98
25) Bromochloromethane	4.669	128	13331	4.85	ug/L	#	87
26) Chloroform	4.737	83	43401	4.79	ug/L		98
28) Tetrahydrofuran	4.737	42	9472	9.88	ug/L		80
29) 1,1,1-Trichloroethane	4.917	97	38335	4.88	ug/L	#	1
30) Cyclohexane	4.968	56	41621	4.89	ug/L		85
32) Carbon Tetrachloride	5.071	117	35535	4.87	ug/L	#	70
33) Benzene	5.271	78	96523	4.77	ug/L		98
34) 1,2-Dichloroethane	5.287	62	27118	4.71	ug/L		98
35) Trichloroethene	5.888	130	31361	4.83	ug/L		95
37) Methylcyclohexane	6.078	83	44218	4.69	ug/L		92
40) 1,2-Dichloropropane	6.119	63	23152	4.56	ug/L		97
42) Dibromomethane	6.238	93	12822	4.66	ug/L		94

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05910.D
Acq On : 08 Dec 2021 11:01 am
Operator : Bill Brew
Sample : 5ppb maga Cal
Misc :
ALS Vial : 5 Sample Multiplier: 1

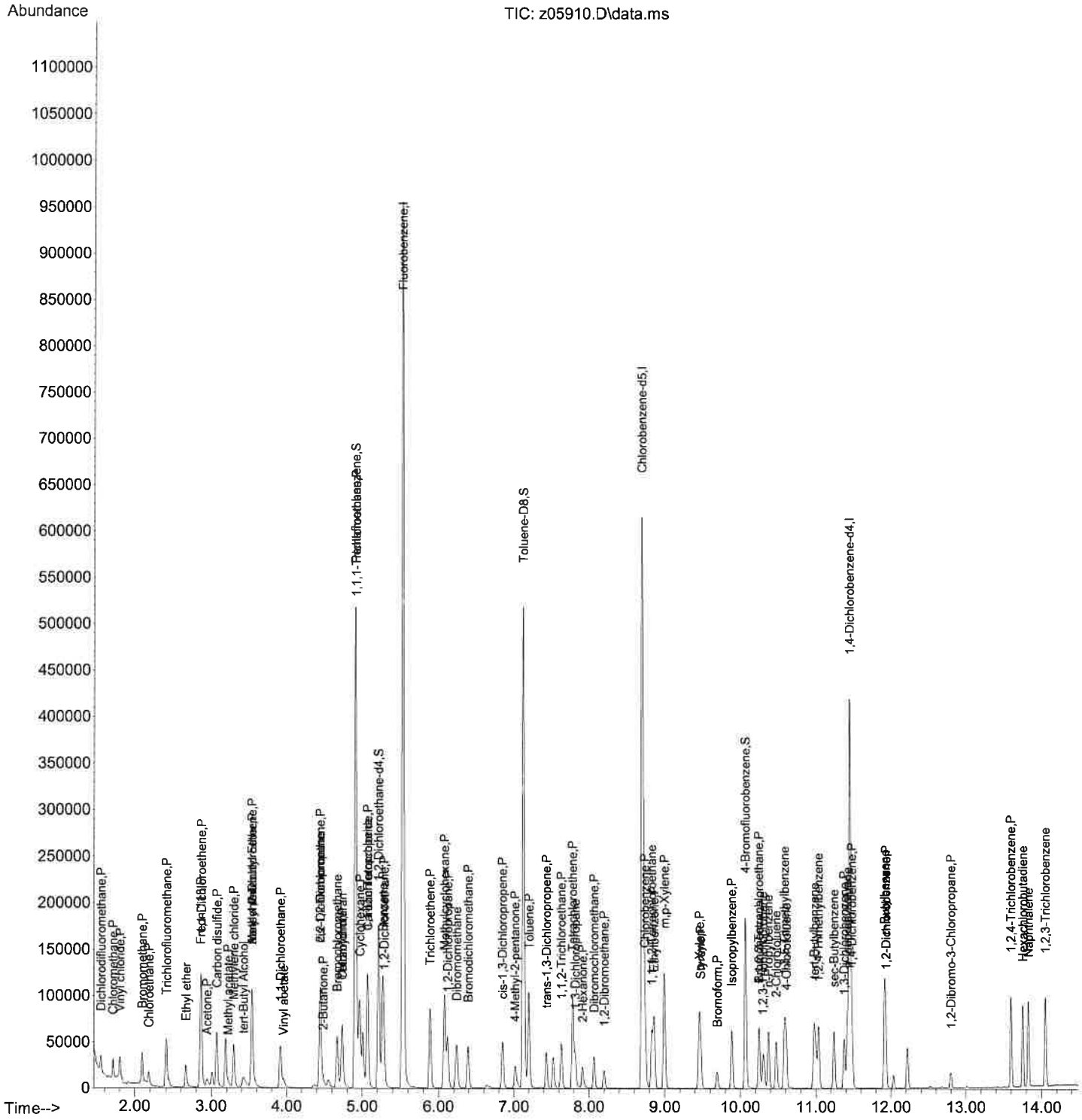
Quant Time: Dec 08 16:16:52 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Bromodichloromethane	6.389	83	30741	4.70 ug/L	99
46) 1,1-Dichloropropene	5.068	75	35607	4.90 ug/L	96
47) cis-1,3-Dichloropropene	6.846	75	30952	4.31 ug/L	96
48) 4-Methyl-2-pentanone	7.016	58	7451	4.14 ug/L #	68
50) Toluene	7.203	91	82198	4.53 ug/L	99
51) trans-1,3-Dichloropropene	7.434	75	23240	4.22 ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	17505	4.70 ug/L	99
53) 1,3-Dichloropropane	7.820	76	22452	4.35 ug/L	99
54) Tetrachloroethene	7.785	166	33425	4.92 ug/L	99
55) 2-Hexanone	7.914	43	18779	4.80 ug/L	99
56) Dibromochloromethane	8.068	129	19877	4.45 ug/L	99
57) 1,2-Dibromoethane	8.200	107	14277	4.48 ug/L	98
59) Chlorobenzene	8.740	112	46147	4.56 ug/L	94
60) 1,1,1,2-Tetrachloroethane	8.833	131	18744	4.57 ug/L	97
61) Ethylbenzene	8.862	91	58610	4.30 ug/L	99
62) m,p-Xylene	8.997	106	41378	8.75 ug/L	98
63) o-Xylene	9.457	106	18001	4.26 ug/L	92
64) Styrene	9.470	104	27384	4.36 ug/L	96
65) Bromoform	9.692	173	10771	4.54 ug/L	95
66) Isopropylbenzene	9.885	105	47874	4.61 ug/L	97
67) 1,2,3-Trichloropropane	10.296	110	4097	5.09 ug/L #	87
69) Bromobenzene	10.245	156	14996	4.57 ug/L	91
70) 1,1,2,2-Tetrachloroethane	10.245	83	14095	4.70 ug/L	95
71) n-Propylbenzene	10.370	91	54726	4.86 ug/L	98
72) 2-Chlorotoluene	10.473	126	12603	4.75 ug/L	96
73) 4-Chlorotoluene	10.608	126	12594	4.86 ug/L	91
74) 1,3,5-Trimethylbenzene	10.586	105	40121	4.61 ug/L	98
75) tert-Butylbenzene	10.978	134	9261	4.96 ug/L	94
76) 1,2,4-Trimethylbenzene	11.032	105	43808	9.13 ug/L	98
77) sec-Butylbenzene	11.238	105	49176	4.86 ug/L	96
78) p-Isopropyltoluene	11.418	119	50889	4.89 ug/L	98
80) 1,3-Dichlorobenzene	11.373	146	27355	4.36 ug/L	100
81) 1,4-Dichlorobenzene	11.479	146	27280	4.26 ug/L	95
82) n-Butylbenzene	11.917	91	58262	4.57 ug/L	95
83) 1,2-Dichlorobenzene	11.933	146	27328	4.31 ug/L	97
85) 1,2-Dibromo-3-Chloropr...	12.794	157	5228	4.25 ug/L	92
86) 1,2,4-Trichlorobenzene	13.598	180	30229	4.22 ug/L	99
87) 1,2,3-Trichlorobenzene	14.048	180	31367	4.25 ug/L	98
88) Hexachlorobutadiene	13.753	225	17136	4.36 ug/L	99
89) Naphthalene	13.827	128	69353	3.96 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05910.D
Acq On : 08 Dec 2021 11:01 am
Operator : Bill Brew
Sample : 5ppb maga Cal
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 16:16:52 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05911.D
Acq On : 08 Dec 2021 11:20 am
Operator : Bill Brew
Sample : 20ppb maga Cal
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 08 16:17:26 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 BB

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	939724	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.708	117	440571	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	126711	50.00	ug/L		0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.910	168	358867	30.16	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 100.53%				
31) 1,2-Dichloroethane-d4	5.213	65	120710	29.00	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 96.67%				
49) Toluene-D8	7.129	98	392909	28.17	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 93.90%				
68) 4-Bromofluorobenzene	10.068	95	67487	29.57	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 98.57%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	60089	20.21	ug/L		99
3) Chloromethane	1.708	50	57763	20.90	ug/L		97
4) Vinyl chloride	1.801	62	81361	20.18	ug/L		99
5) Bromomethane	2.094	94	61132	22.74	ug/L		99
6) Chloroethane	2.181	64	42263	19.54	ug/L		97
7) Trichlorofluoromethane	2.406	101	167043	19.62	ug/L		99
8) Ethyl ether	2.660	59	59704	18.73	ug/L		92
9) Freon 113	2.856	101	107766	19.82	ug/L		99
10) 1,1-Dichloroethene	2.865	61	158789	19.51	ug/L		95
11) Acetone	2.936	43	57399	21.48	ug/L		97
13) Carbon disulfide	3.068	76	316697	19.51	ug/L		99
14) Methyl acetate	3.213	43	28338	19.02	ug/L		96
15) Methylene chloride	3.293	84	88943	19.95	ug/L		93
16) Acrylonitrile	3.528	53	18422	19.60	ug/L		98
17) tert-Butyl Alcohol	3.425	59	98912	195.48	ug/L		95
18) Methyl tert-butyl Ether	3.534	73	178489	17.83	ug/L		98
19) trans-1,2-Dichloroethene	3.534	61	149057	19.90	ug/L		93
20) 1,1-Dichloroethane	3.917	63	181082	19.63	ug/L		98
21) Vinyl acetate	3.955	43	69302	18.92	ug/L		95
22) 2,2-Dichloropropane	4.444	77	126751	18.85	ug/L		96
23) 2-Butanone	4.473	72	18260	21.81	ug/L	#	76
24) cis-1,2-Dichloroethene	4.444	96	124100	19.52	ug/L		96
25) Bromochloromethane	4.669	128	58552	20.15	ug/L	#	89
26) Chloroform	4.737	83	188197	19.62	ug/L		99
28) Tetrahydrofuran	4.730	42	42620	42.02	ug/L		90
29) 1,1,1-Trichloroethane	4.914	97	159824	19.23	ug/L	#	55
30) Cyclohexane	4.965	56	174568	19.38	ug/L	#	85
32) Carbon Tetrachloride	5.071	117	149555	19.39	ug/L	#	68
33) Benzene	5.271	78	419412	19.60	ug/L		98
34) 1,2-Dichloroethane	5.287	62	120507	19.80	ug/L		99
35) Trichloroethene	5.888	130	132259	19.27	ug/L		97
37) Methylcyclohexane	6.081	83	193215	19.36	ug/L		94
38) 1,4-Dioxane	6.296	88	581	11.67	ug/L	#	11
40) 1,2-Dichloropropane	6.119	63	104417	19.43	ug/L		95

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05911.D
Acq On : 08 Dec 2021 11:20 am
Operator : Bill Brew
Sample : 20ppb maga Cal
Misc :
ALS Vial : 6 Sample Multiplier: 1

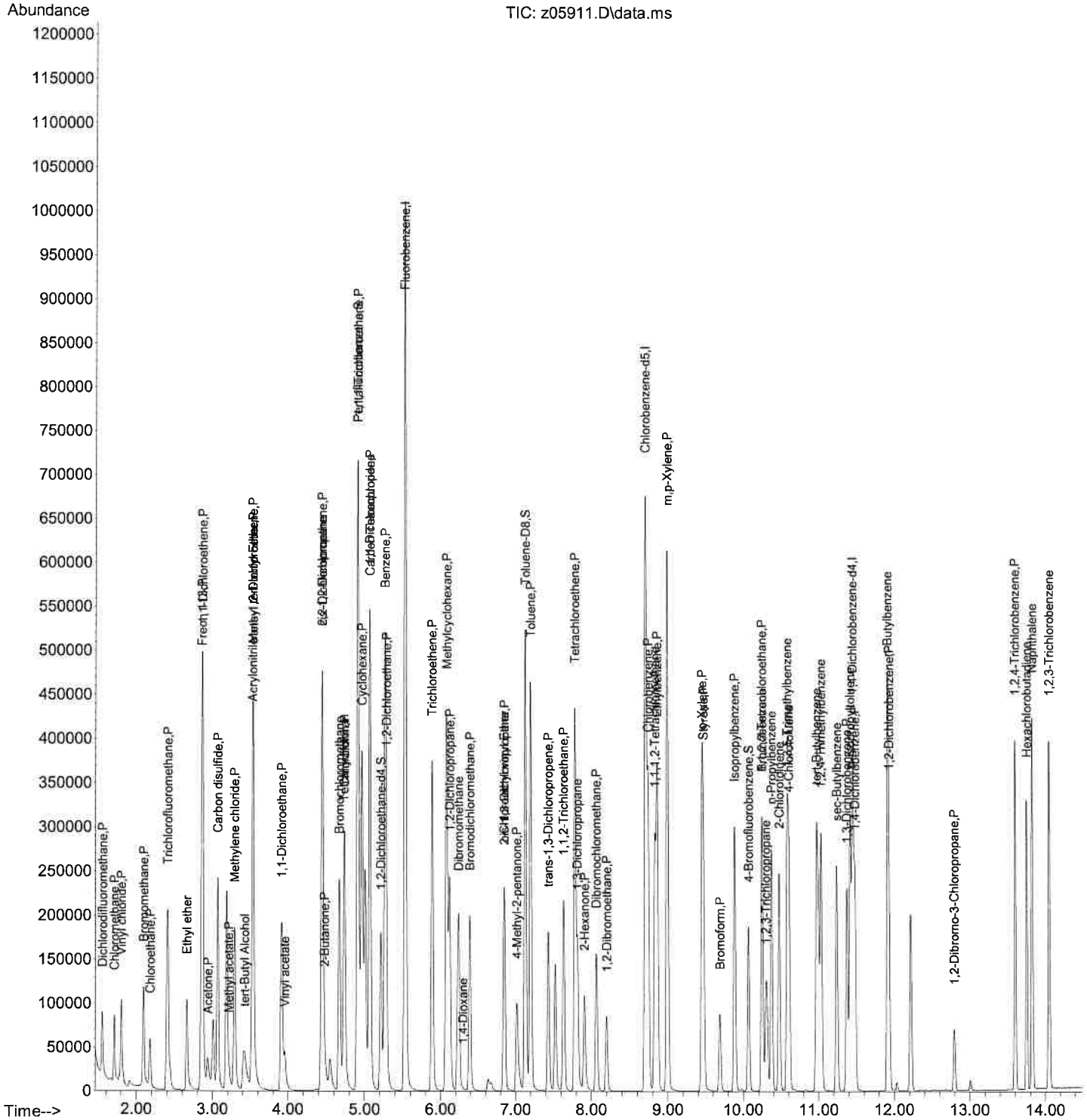
Quant Time: Dec 08 16:17:26 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	56856	19.52 ug/L	96
43) Bromodichloromethane	6.389	83	135483	19.59 ug/L	98
44) 2-Chloroethyl vinyl Ether	6.846	63	614	46.13 ug/L #	43
46) 1,1-Dichloropropene	5.068	75	149438	19.43 ug/L	98
47) cis-1,3-Dichloropropene	6.849	75	142421	18.73 ug/L	98
48) 4-Methyl-2-pentanone	7.016	58	32704	17.64 ug/L #	75
50) Toluene	7.200	91	372874	19.42 ug/L	99
51) trans-1,3-Dichloropropene	7.431	75	108440	18.62 ug/L	98
52) 1,1,2-Trichloroethane	7.634	97	76321	19.39 ug/L	97
53) 1,3-Dichloropropane	7.817	76	105435	19.31 ug/L	99
54) Tetrachloroethene	7.785	166	145829	20.30 ug/L	99
55) 2-Hexanone	7.910	43	83122	20.07 ug/L	98
56) Dibromochloromethane	8.065	129	93582	19.83 ug/L	100
57) 1,2-Dibromoethane	8.200	107	65069	19.30 ug/L	100
59) Chlorobenzene	8.743	112	216046	19.78 ug/L	97
60) 1,1,1,2-Tetrachloroethane	8.833	131	89031	20.09 ug/L	97
61) Ethylbenzene	8.862	91	288357	19.60 ug/L	98
62) m,p-Xylene	8.997	106	203233	39.78 ug/L	98
63) o-Xylene	9.454	106	91634	20.11 ug/L	99
64) Styrene	9.470	104	131911	19.44 ug/L	99
65) Bromoform	9.688	173	50000	19.54 ug/L	98
66) Isopropylbenzene	9.885	105	227233	20.26 ug/L	98
67) 1,2,3-Trichloropropane	10.296	110	16156	18.58 ug/L	99
69) Bromobenzene	10.245	156	72303	20.40 ug/L	92
70) 1,1,2,2-Tetrachloroethane	10.245	83	63728	19.67 ug/L	97
71) n-Propylbenzene	10.373	91	240330	19.75 ug/L	97
72) 2-Chlorotoluene	10.476	126	60160	21.01 ug/L	98
73) 4-Chlorotoluene	10.605	126	55790	19.96 ug/L #	89
74) 1,3,5-Trimethylbenzene	10.582	105	180787	19.26 ug/L	99
75) tert-Butylbenzene	10.975	134	36704	18.21 ug/L #	94
76) 1,2,4-Trimethylbenzene	11.032	105	186046	31.24 ug/L	99
77) sec-Butylbenzene	11.241	105	205258	18.80 ug/L	97
78) p-Isopropyltoluene	11.418	119	203374	18.11 ug/L	98
80) 1,3-Dichlorobenzene	11.373	146	117370	20.15 ug/L	99
81) 1,4-Dichlorobenzene	11.483	146	116904	19.70 ug/L	99
82) n-Butylbenzene	11.913	91	228955	19.37 ug/L	98
83) 1,2-Dichlorobenzene	11.933	146	112022	19.04 ug/L	98
85) 1,2-Dibromo-3-Chloropr...	12.794	157	21350	18.70 ug/L	96
86) 1,2,4-Trichlorobenzene	13.598	180	124271	18.71 ug/L	100
87) 1,2,3-Trichlorobenzene	14.052	180	130631	19.09 ug/L	98
88) Hexachlorobutadiene	13.753	225	64689	17.75 ug/L	98
89) Naphthalene	13.827	128	316545	19.47 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05911.D
Acq On : 08 Dec 2021 11:20 am
Operator : Bill Brew
Sample : 20ppb maga Cal
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 08 16:17:26 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05912.D
Acq On : 08 Dec 2021 11:39 am
Operator : Bill Brew
Sample : 50ppb maga Cal
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 09 14:19:51 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/9/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	965158	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.711	117	472198	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	125031	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	363923	29.77	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 99.23%			
31) 1,2-Dichloroethane-d4	5.216	65	126043	29.49	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 98.30%			
49) Toluene-D8	7.129	98	435716	30.41	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 101.37%			
68) 4-Bromofluorobenzene	10.068	95	75104	30.70	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 102.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	147439	48.27	ug/L	98
3) Chloromethane	1.708	50	144408	51.37	ug/L	97
4) Vinyl chloride	1.801	62	202830	48.98	ug/L	98
5) Bromomethane	2.094	94	141122	51.89	ug/L	97
6) Chloroethane	2.180	64	103897	48.68	ug/L	98
7) Trichlorofluoromethane	2.406	101	448016	51.25	ug/L	99
8) Ethyl ether	2.660	59	159520	48.72	ug/L	93
9) Freon 113	2.856	101	282690	50.61	ug/L	99
10) 1,1-Dichloroethene	2.865	61	419328	50.16	ug/L	96
11) Acetone	2.933	43	138536	54.57	ug/L	97
13) Carbon disulfide	3.068	76	819330	49.15	ug/L	99
14) Methyl acetate	3.209	43	80539	52.64	ug/L	96
15) Methylene chloride	3.293	84	219642	47.97	ug/L	95
16) Acrylonitrile	3.528	53	48803	50.56	ug/L	98
17) tert-Butyl Alcohol	3.425	59	235395	452.95	ug/L	95
18) Methyl tert-butyl Ether	3.534	73	486783	47.36	ug/L	94
19) trans-1,2-Dichloroethene	3.534	61	387447	50.37	ug/L	94
20) 1,1-Dichloroethane	3.917	63	467228	49.32	ug/L	98
21) Vinyl acetate	3.955	43	187166	49.74	ug/L	94
22) 2,2-Dichloropropane	4.444	77	347023	50.24	ug/L	97
23) 2-Butanone	4.470	72	44817	53.22	ug/L #	80
24) cis-1,2-Dichloroethene	4.444	96	319713	48.95	ug/L	95
25) Bromochloromethane	4.669	128	144839	48.54	ug/L #	87
26) Chloroform	4.737	83	484515	49.19	ug/L	99
28) Tetrahydrofuran	4.730	42	105089	100.89	ug/L	92
29) 1,1,1-Trichloroethane	4.914	97	430152	50.40	ug/L	99
30) Cyclohexane	4.965	56	468312	50.62	ug/L #	84
32) Carbon Tetrachloride	5.071	117	398759	50.35	ug/L #	67
33) Benzene	5.270	78	1088475	49.52	ug/L	98
34) 1,2-Dichloroethane	5.287	62	304967	48.80	ug/L	99
35) Trichloroethene	5.888	130	349073	49.51	ug/L	98
37) Methylcyclohexane	6.077	83	523880	51.12	ug/L	94
38) 1,4-Dioxane	6.299	88	2467	48.24	ug/L	94
40) 1,2-Dichloropropane	6.119	63	274613	49.75	ug/L	96

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05912.D
Acq On : 08 Dec 2021 11:39 am
Operator : Bill Brew
Sample : 50ppb maga Cal
Misc :
ALS Vial : 7 Sample Multiplier: 1

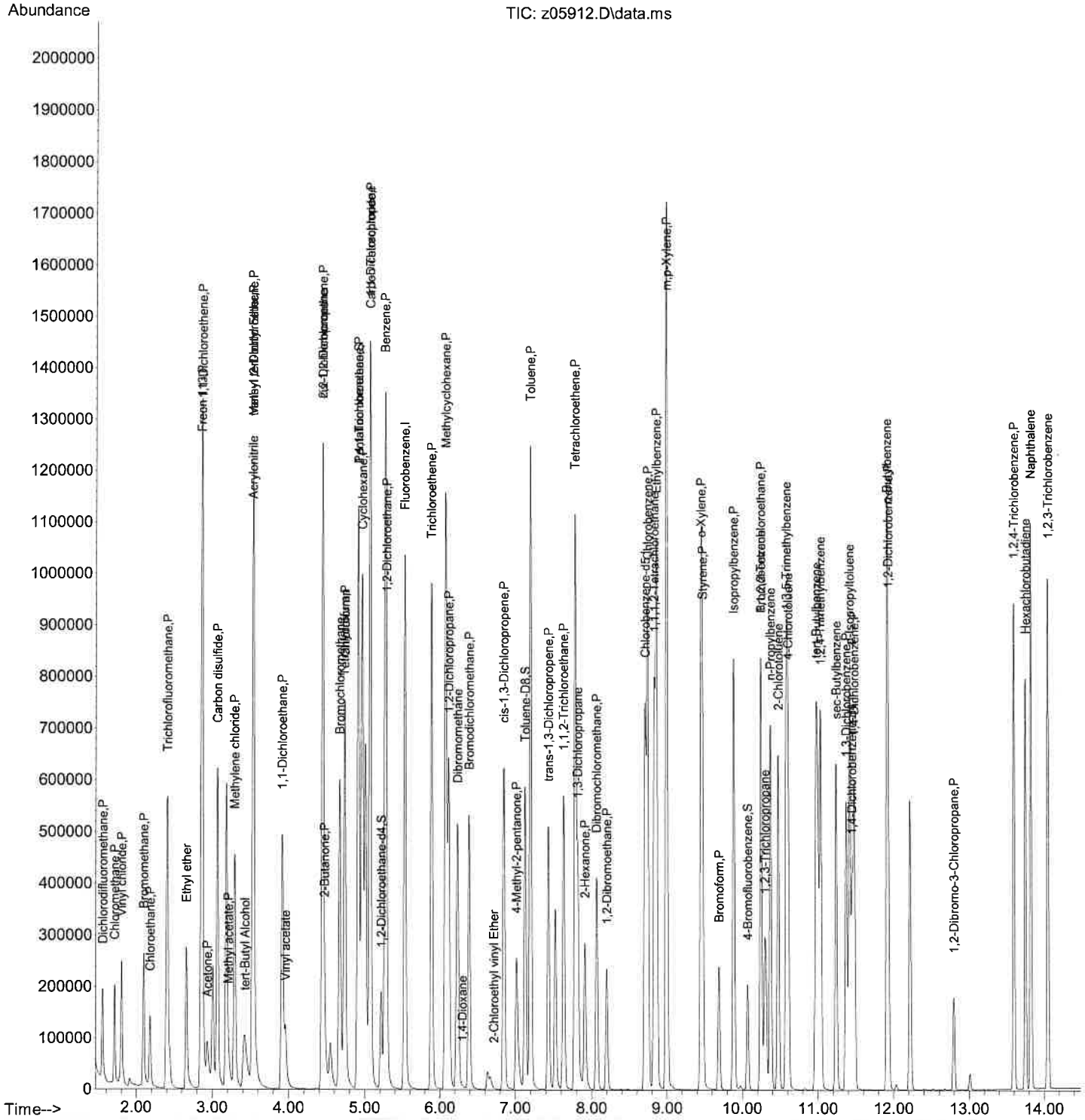
Quant Time: Dec 09 14:19:51 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Dibromomethane	6.238	93	148397	49.62	ug/L		95
43) Bromodichloromethane	6.389	83	352015	49.56	ug/L		99
44) 2-Chloroethyl vinyl Ether	6.714	63	631	46.14	ug/L	#	43
46) 1,1-Dichloropropene	5.068	75	397066	50.28	ug/L		97
47) cis-1,3-Dichloropropene	6.849	75	389130	49.83	ug/L		97
48) 4-Methyl-2-pentanone	7.016	58	81762	45.43	ug/L	#	72
50) Toluene	7.200	91	1015527	51.51	ug/L		100
51) trans-1,3-Dichloropropene	7.434	75	299605	50.08	ug/L		97
52) 1,1,2-Trichloroethane	7.634	97	198552	49.12	ug/L		97
53) 1,3-Dichloropropane	7.817	76	281313	50.16	ug/L		100
54) Tetrachloroethene	7.785	166	369872	50.13	ug/L		99
55) 2-Hexanone	7.910	43	218062	51.26	ug/L		99
56) Dibromochloromethane	8.065	129	246974	50.95	ug/L		100
57) 1,2-Dibromoethane	8.200	107	172241	49.74	ug/L		98
59) Chlorobenzene	8.743	112	583356	49.82	ug/L		98
60) 1,1,1,2-Tetrachloroethane	8.833	131	241336	50.81	ug/L		98
61) Ethylbenzene	8.862	91	818474	51.92	ug/L		98
62) m,p-Xylene	8.994	106	570169	104.13	ug/L		100
63) o-Xylene	9.454	106	251715	51.53	ug/L		99
64) Styrene	9.473	104	367544	50.55	ug/L		100
65) Bromoform	9.692	173	133365	48.63	ug/L		99
66) Isopropylbenzene	9.884	105	632235	52.60	ug/L		97
67) 1,2,3-Trichloropropane	10.299	110	41133	44.13	ug/L		96
69) Bromobenzene	10.245	156	191610	50.43	ug/L		92
70) 1,1,2,2-Tetrachloroethane	10.245	83	163276	47.03	ug/L		98
71) n-Propylbenzene	10.373	91	623997	47.84	ug/L		98
72) 2-Chlorotoluene	10.476	126	155392	50.63	ug/L		95
73) 4-Chlorotoluene	10.605	126	148684	49.63	ug/L		96
74) 1,3,5-Trimethylbenzene	10.582	105	489887	48.69	ug/L		99
75) tert-Butylbenzene	10.978	134	97663	45.22	ug/L		95
76) 1,2,4-Trimethylbenzene	11.032	105	473843	44.46	ug/L		99
77) sec-Butylbenzene	11.241	105	503833	43.06	ug/L		97
78) p-Isopropyltoluene	11.418	119	506528	42.08	ug/L		98
80) 1,3-Dichlorobenzene	11.373	146	286515	49.84	ug/L		99
81) 1,4-Dichlorobenzene	11.479	146	283083	48.34	ug/L		100
82) n-Butylbenzene	11.913	91	548523	47.02	ug/L		98
83) 1,2-Dichlorobenzene	11.929	146	267482	46.07	ug/L		100
85) 1,2-Dibromo-3-Chloropr...	12.794	157	55030	48.84	ug/L		97
86) 1,2,4-Trichlorobenzene	13.598	180	301402	45.98	ug/L		100
87) 1,2,3-Trichlorobenzene	14.052	180	330254	48.90	ug/L		99
88) Hexachlorobutadiene	13.753	225	157242	43.73	ug/L		99
89) Naphthalene	13.823	128	823583	51.33	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05912.D
Acq On : 08 Dec 2021 11:39 am
Operator : Bill Brew
Sample : 50ppb maga Cal
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 09 14:19:51 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05913.D
Acq On : 08 Dec 2021 11:59 am
Operator : Bill Brew
Sample : 100ppb maga Cal
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 08 16:17:53 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	992933	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	468634	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	113420	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	371097	29.51	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 98.37%			
31) 1,2-Dichloroethane-d4	5.213	65	132045	30.03	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 100.10%			
49) Toluene-D8	7.129	98	452692	30.71	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 102.37%			
68) 4-Bromofluorobenzene	10.065	95	68111	28.05	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 93.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	293438	93.39	ug/L	98
3) Chloromethane	1.708	50	281186	98.72	ug/L	98
4) Vinyl chloride	1.801	62	411284	96.53	ug/L	97
5) Bromomethane	2.097	94	279457	102.64	ug/L	99
6) Chloroethane	2.180	64	206173	101.36	ug/L	98
7) Trichlorofluoromethane	2.406	101	872532	97.01	ug/L	100
8) Ethyl ether	2.660	59	335401	99.58	ug/L	93
9) Freon 113	2.859	101	559364	97.34	ug/L	99
10) 1,1-Dichloroethene	2.865	61	834779	97.06	ug/L	97
11) Acetone	2.930	43	266298	102.94	ug/L	97
13) Carbon disulfide	3.068	76	1550503	90.40	ug/L	99
14) Methyl acetate	3.209	43	159086	101.07	ug/L	97
15) Methylene chloride	3.293	84	443132	94.08	ug/L	95
16) Acrylonitrile	3.528	53	95055	95.72	ug/L	99
17) tert-Butyl Alcohol	3.415	59	498174	931.78	ug/L	96
18) Methyl tert-butyl Ether	3.534	73	1049724	99.26	ug/L	94
19) trans-1,2-Dichloroethene	3.534	61	784744	99.17	ug/L	94
20) 1,1-Dichloroethane	3.917	63	958783	98.38	ug/L	98
21) Vinyl acetate	3.955	43	413665	106.85	ug/L	94
22) 2,2-Dichloropropane	4.444	77	703058	98.94	ug/L	97
23) 2-Butanone	4.467	72	87560	104.69	ug/L #	86
24) cis-1,2-Dichloroethene	4.444	96	658447	97.99	ug/L	96
25) Bromochloromethane	4.669	128	306536	99.86	ug/L #	89
26) Chloroform	4.737	83	992054	97.90	ug/L	99
28) Tetrahydrofuran	4.727	42	199767	186.41	ug/L	96
29) 1,1,1-Trichloroethane	4.914	97	866753	98.72	ug/L	86
30) Cyclohexane	4.968	56	914568	96.09	ug/L	85
32) Carbon Tetrachloride	5.071	117	810781	99.50	ug/L #	69
33) Benzene	5.270	78	2227076	98.50	ug/L	98
34) 1,2-Dichloroethane	5.287	62	637283	99.12	ug/L	100
35) Trichloroethene	5.888	130	709321	97.79	ug/L	98
37) Methylcyclohexane	6.077	83	1048380	99.44	ug/L	94
38) 1,4-Dioxane	6.290	88	5345	101.59	ug/L	88
40) 1,2-Dichloropropane	6.119	63	567470	99.92	ug/L	96

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05913.D
Acq On : 08 Dec 2021 11:59 am
Operator : Bill Brew
Sample : 100ppb maga Cal
Misc :
ALS Vial : 8 Sample Multiplier: 1

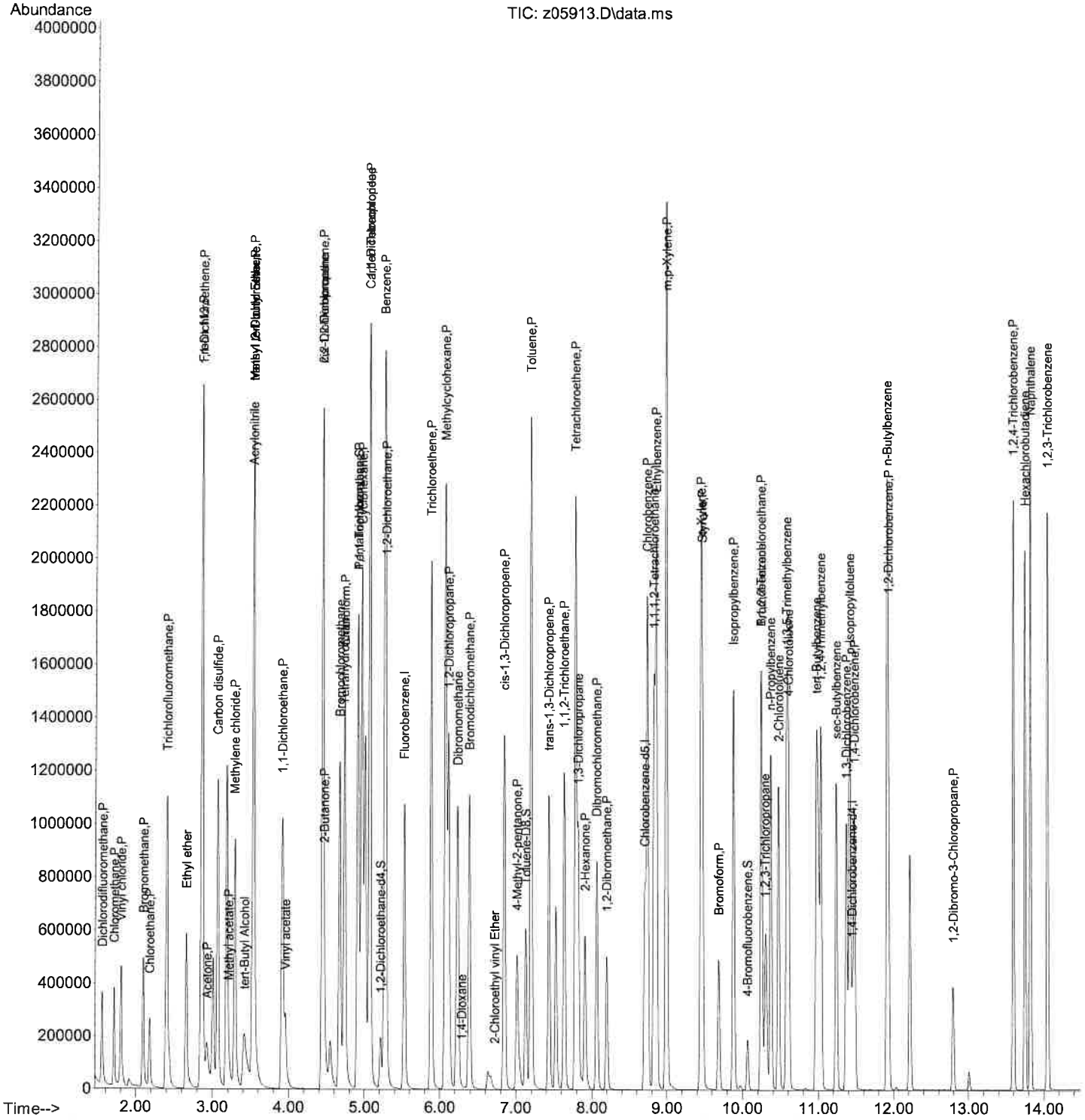
Quant Time: Dec 08 16:17:53 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	310768	101.00 ug/L	96
43) Bromodichloromethane	6.389	83	730043	99.90 ug/L	99
44) 2-Chloroethyl vinyl Ether	6.721	63	2321	99.27 ug/L #	43
46) 1,1-Dichloropropene	5.068	75	794756	97.82 ug/L	97
47) cis-1,3-Dichloropropene	6.849	75	828027	103.07 ug/L	97
48) 4-Methyl-2-pentanone	7.016	58	163458	99.50 ug/L #	74
50) Toluene	7.200	91	2058831	101.51 ug/L	99
51) trans-1,3-Dichloropropene	7.431	75	650196	105.65 ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	423059	101.74 ug/L	97
53) 1,3-Dichloropropane	7.820	76	594810	103.08 ug/L	99
54) Tetrachloroethene	7.785	166	739139	97.37 ug/L	99
55) 2-Hexanone	7.910	43	437364	99.94 ug/L	99
56) Dibromochloromethane	8.065	129	519953	104.27 ug/L	100
57) 1,2-Dibromoethane	8.196	107	376215	105.60 ug/L	100
59) Chlorobenzene	8.740	112	1161994	99.99 ug/L	98
60) 1,1,1,2-Tetrachloroethane	8.833	131	478872	101.58 ug/L	98
61) Ethylbenzene	8.862	91	1591474	101.72 ug/L	98
62) m,p-Xylene	8.997	106	1111425	204.53 ug/L	100
63) o-Xylene	9.454	106	480732	99.16 ug/L	99
64) Styrene	9.470	104	721105	99.93 ug/L	100
65) Bromoform	9.688	173	278335	102.26 ug/L	99
66) Isopropylbenzene	9.884	105	1158088	97.08 ug/L	98
67) 1,2,3-Trichloropropane	10.296	110	82720	89.41 ug/L	99
69) Bromobenzene	10.245	156	361106	95.76 ug/L	93
70) 1,1,2,2-Tetrachloroethane	10.245	83	324271	94.11 ug/L	98
71) n-Propylbenzene	10.370	91	1124021	86.84 ug/L	98
72) 2-Chlorotoluene	10.476	126	275294	90.38 ug/L	95
73) 4-Chlorotoluene	10.605	126	261086	87.82 ug/L	93
74) 1,3,5-Trimethylbenzene	10.582	105	847913	84.92 ug/L	100
75) tert-Butylbenzene	10.974	134	175711	81.97 ug/L	94
76) 1,2,4-Trimethylbenzene	11.032	105	876849	99.02 ug/L	99
77) sec-Butylbenzene	11.238	105	931974	80.25 ug/L	98
78) p-Isopropyltoluene	11.418	119	999056	83.63 ug/L	97
80) 1,3-Dichlorobenzene	11.373	146	517185	99.18 ug/L	99
81) 1,4-Dichlorobenzene	11.479	146	522478	98.34 ug/L	100
82) n-Butylbenzene	11.913	91	1131537	106.93 ug/L	98
83) 1,2-Dichlorobenzene	11.929	146	525863	99.84 ug/L	100
85) 1,2-Dibromo-3-Chloropr...	12.794	157	121283	118.67 ug/L	96
86) 1,2,4-Trichlorobenzene	13.598	180	705800	118.69 ug/L	100
87) 1,2,3-Trichlorobenzene	14.048	180	728624	118.94 ug/L	99
88) Hexachlorobutadiene	13.753	225	395924	121.37 ug/L	100
89) Naphthalene	13.826	128	1773023	121.81 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05913.D
Acq On : 08 Dec 2021 11:59 am
Operator : Bill Brew
Sample : 100ppb maga Cal
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 08 16:17:53 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05914.D
Acq On : 08 Dec 2021 12:18 pm
Operator : Bill Brew
Sample : 150ppb maga Cal
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 08 16:18:54 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 BB

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	1031709	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.708	117	480997	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	133522	50.00	ug/L	#	0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.910	168	384609	29.44	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 98.13%				
31) 1,2-Dichloroethane-d4	5.216	65	135267	29.60	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 98.67%				
49) Toluene-D8	7.129	98	461264	30.12	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 100.40%				
68) 4-Bromofluorobenzene	10.068	95	66537	26.70	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 89.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	435752	133.47	ug/L		98
3) Chloromethane	1.708	50	435691	149.71	ug/L		98
4) Vinyl chloride	1.801	62	604137	136.47	ug/L		98
5) Bromomethane	2.094	94	394016	142.35	ug/L		98
6) Chloroethane	2.177	64	293977	150.13	ug/L		98
7) Trichlorofluoromethane	2.402	101	1360911	145.63	ug/L		100
8) Ethyl ether	2.660	59	558553	159.60	ug/L		93
9) Freon 113	2.856	101	859766	143.99	ug/L		99
10) 1,1-Dichloroethene	2.862	61	1301198	145.61	ug/L		97
11) Acetone	2.930	43	383284	141.66	ug/L		99
13) Carbon disulfide	3.068	76	2429980	136.36	ug/L		99
14) Methyl acetate	3.209	43	229620	140.40	ug/L		97
15) Methylene chloride	3.293	84	675472	138.01	ug/L		95
16) Acrylonitrile	3.525	53	136577	132.37	ug/L		99
17) tert-Butyl Alcohol	3.418	59	807607	1453.78	ug/L		96
18) Methyl tert-butyl Ether	3.531	73	1804082	164.18	ug/L		95
19) trans-1,2-Dichloroethene	3.534	61	1230199	149.63	ug/L		94
20) 1,1-Dichloroethane	3.914	63	1513722	149.48	ug/L		99
21) Vinyl acetate	3.952	43	727925	180.96	ug/L		94
22) 2,2-Dichloropropane	4.444	77	1128263	152.82	ug/L		97
23) 2-Butanone	4.467	72	117511	138.49	ug/L	#	82
24) cis-1,2-Dichloroethene	4.444	96	1042429	149.31	ug/L		96
25) Bromochloromethane	4.669	128	483426	151.57	ug/L	#	88
26) Chloroform	4.734	83	1553586	147.55	ug/L		99
28) Tetrahydrofuran	4.727	42	294949	264.89	ug/L		95
29) 1,1,1-Trichloroethane	4.914	97	1371486	150.34	ug/L	#	81
30) Cyclohexane	4.965	56	1448326	146.45	ug/L	#	84
32) Carbon Tetrachloride	5.071	117	1270523	150.06	ug/L	#	68
33) Benzene	5.271	78	3508646	149.34	ug/L		98
34) 1,2-Dichloroethane	5.287	62	1007445	150.81	ug/L		100
35) Trichloroethene	5.888	130	1109997	147.27	ug/L		98
37) Methylcyclohexane	6.078	83	1643462	150.02	ug/L		95
38) 1,4-Dioxane	6.293	88	8211	150.20	ug/L	#	44
40) 1,2-Dichloropropane	6.119	63	909375	154.11	ug/L		95

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05914.D
Acq On : 08 Dec 2021 12:18 pm
Operator : Bill Brew
Sample : 150ppb maga Cal
Misc :
ALS Vial : 9 Sample Multiplier: 1

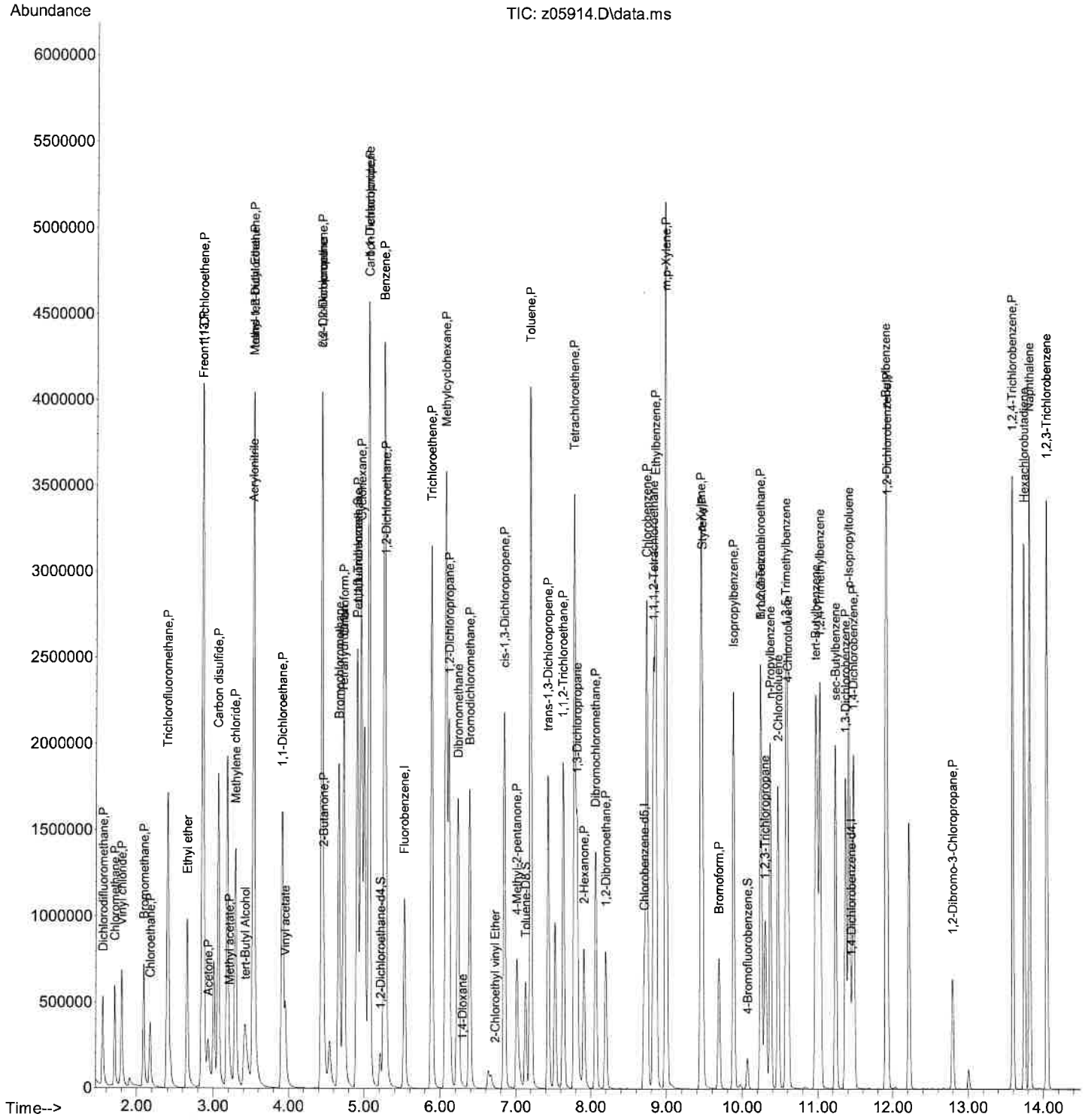
Quant Time: Dec 08 16:18:54 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	497962	155.76 ug/L	95
43) Bromodichloromethane	6.389	83	1149305	151.36 ug/L	100
44) 2-Chloroethyl vinyl Ether	6.721	63	3645	125.43 ug/L #	47
46) 1,1-Dichloropropene	5.068	75	1250668	148.14 ug/L	97
47) cis-1,3-Dichloropropene	6.849	75	1336661	160.13 ug/L	97
48) 4-Methyl-2-pentanone	7.013	58	236810	163.18 ug/L #	72
50) Toluene	7.200	91	3259390	154.66 ug/L	98
51) trans-1,3-Dichloropropene	7.431	75	1067521	166.94 ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	670187	155.11 ug/L	97
53) 1,3-Dichloropropane	7.820	76	959262	160.00 ug/L	100
54) Tetrachloroethene	7.785	166	1165106	147.72 ug/L	99
55) 2-Hexanone	7.910	43	604713	132.99 ug/L	99
56) Dibromochloromethane	8.065	129	831082	160.39 ug/L	100
57) 1,2-Dibromoethane	8.200	107	599011	161.82 ug/L	99
59) Chlorobenzene	8.743	112	1805975	151.41 ug/L	98
60) 1,1,1,2-Tetrachloroethane	8.833	131	759171	156.90 ug/L	99
61) Ethylbenzene	8.862	91	2495728	155.41 ug/L	99
62) m,p-Xylene	8.997	106	1720487	308.47 ug/L	99
63) o-Xylene	9.454	106	743454	149.41 ug/L	100
64) Styrene	9.470	104	1108722	149.70 ug/L	100
65) Bromoform	9.688	173	432029	154.64 ug/L	99
66) Isopropylbenzene	9.885	105	1770336	144.59 ug/L	98
67) 1,2,3-Trichloropropane	10.299	110	133195	140.27 ug/L	99
69) Bromobenzene	10.245	156	545823	141.03 ug/L	93
70) 1,1,2,2-Tetrachloroethane	10.245	83	530154	149.91 ug/L	98
71) n-Propylbenzene	10.373	91	1756924	132.25 ug/L	98
72) 2-Chlorotoluene	10.476	126	418255	133.79 ug/L	96
73) 4-Chlorotoluene	10.605	126	415098	136.03 ug/L	94
74) 1,3,5-Trimethylbenzene	10.582	105	1401968	136.80 ug/L	99
75) tert-Butylbenzene	10.975	134	294470	133.84 ug/L	97
76) 1,2,4-Trimethylbenzene	11.032	105	1507558	141.01 ug/L	100
77) sec-Butylbenzene	11.238	105	1627906	136.57 ug/L	98
78) p-Isopropyltoluene	11.418	119	1770838	144.43 ug/L	98
80) 1,3-Dichlorobenzene	11.373	146	908714	148.03 ug/L	100
81) 1,4-Dichlorobenzene	11.479	146	942503	150.70 ug/L	100
82) n-Butylbenzene	11.913	91	1905195	152.94 ug/L	98
83) 1,2-Dichlorobenzene	11.930	146	997465	160.87 ug/L	100
85) 1,2-Dibromo-3-Chloropr...	12.794	157	202196	168.06 ug/L	98
86) 1,2,4-Trichlorobenzene	13.598	180	1116920	159.55 ug/L	100
87) 1,2,3-Trichlorobenzene	14.052	180	1133540	157.18 ug/L	99
88) Hexachlorobutadiene	13.753	225	635014	165.36 ug/L	99
89) Naphthalene	13.823	128	2745615	160.24 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05914.D
Acq On : 08 Dec 2021 12:18 pm
Operator : Bill Brew
Sample : 150ppb maga Cal
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 08 16:18:54 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05915.D
Acq On : 08 Dec 2021 12:37 pm
Operator : Bill Brew
Sample : 200ppb maga Cal
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 08 16:19:12 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

12/8/21 15:13

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	1009646	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.708	117	468852	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	183024	50.00	ug/L	#	0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.910	168	386863	30.26	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 100.87%				
31) 1,2-Dichloroethane-d4	5.216	65	137559	30.76	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 102.53%				
49) Toluene-D8	7.129	98	494997	33.03	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 110.10%				
68) 4-Bromofluorobenzene	10.068	95	73673	30.33	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 101.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	576803	180.53	ug/L		99
3) Chloromethane	1.708	50	561198	200.41	ug/L		98
4) Vinyl chloride	1.801	62	781962	180.49	ug/L		98
5) Bromomethane	2.091	94	532983	203.69	ug/L		98
6) Chloroethane	2.177	64	351639	199.54	ug/L		99
7) Trichlorofluoromethane	2.396	101	1748637	191.21	ug/L		100
8) Ethyl ether	2.656	59	800612	233.77	ug/L		93
9) Freon 113	2.853	101	1131514	193.65	ug/L		99
10) 1,1-Dichloroethene	2.859	61	1692818	193.58	ug/L		97
11) Acetone	2.933	43	548413	203.55	ug/L		97
13) Carbon disulfide	3.065	76	3068174	175.93	ug/L		99
14) Methyl acetate	3.210	43	307582	192.17	ug/L		98
15) Methylene chloride	3.290	84	876786	183.06	ug/L		95
16) Acrylonitrile	3.525	53	186338	184.54	ug/L		98
17) tert-Butyl Alcohol	3.435	59	1014188	1865.54	ug/L		97
18) Methyl tert-butyl Ether	3.531	73	2691725	250.32	ug/L		93
19) trans-1,2-Dichloroethene	3.531	61	1633874	203.07	ug/L		93
20) 1,1-Dichloroethane	3.914	63	1986116	200.42	ug/L		99
21) Vinyl acetate	3.952	43	1319160	335.11	ug/L		95
22) 2,2-Dichloropropane	4.444	77	1529407	211.67	ug/L		97
23) 2-Butanone	4.467	72	162454	205.48	ug/L	#	83
24) cis-1,2-Dichloroethene	4.444	96	1379309	201.88	ug/L		96
25) Bromochloromethane	4.666	128	621050	198.97	ug/L	#	89
26) Chloroform	4.734	83	2044991	198.46	ug/L		99
28) Tetrahydrofuran	4.727	42	374762	343.92	ug/L		95
29) 1,1,1-Trichloroethane	4.914	97	1795965	201.17	ug/L	#	79
30) Cyclohexane	4.965	56	1908790	197.23	ug/L	#	82
32) Carbon Tetrachloride	5.068	117	1664017	200.83	ug/L	#	68
33) Benzene	5.271	78	4625440	201.18	ug/L		97
34) 1,2-Dichloroethane	5.287	62	1326776	202.95	ug/L		100
35) Trichloroethene	5.888	130	1467332	198.94	ug/L		98
37) Methylcyclohexane	6.078	83	2179664	203.31	ug/L		95
38) 1,4-Dioxane	6.296	88	10816	202.17	ug/L	#	62
40) 1,2-Dichloropropane	6.119	63	1225617	212.24	ug/L		95

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05915.D
Acq On : 08 Dec 2021 12:37 pm
Operator : Bill Brew
Sample : 200ppb maga Cal
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 08 16:19:12 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration

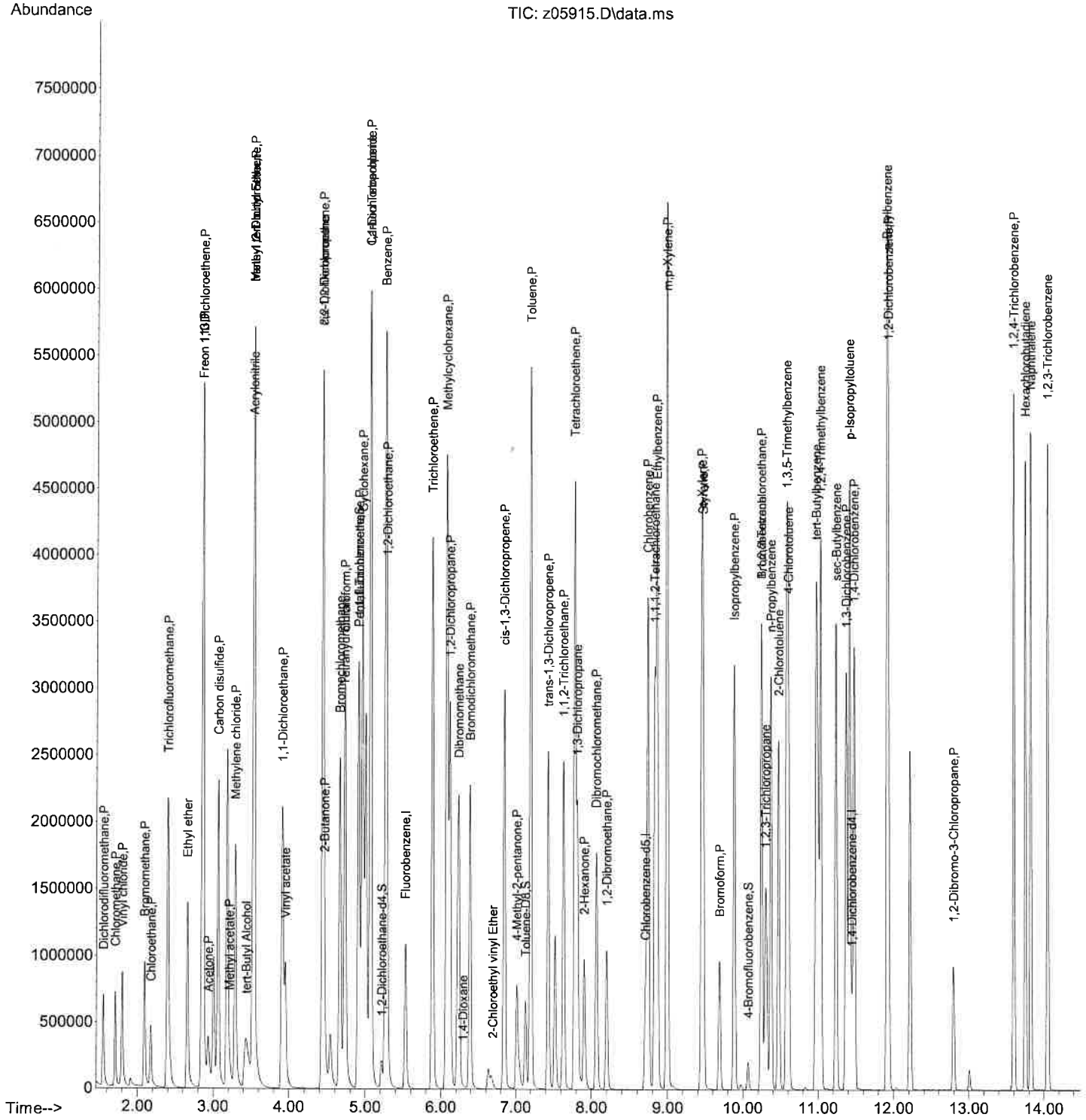
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	646107	206.51 ug/L	95
43) Bromodichloromethane	6.390	83	1510888	203.33 ug/L	99
44) 2-Chloroethyl vinyl Ether	6.695	63	5235	155.17 ug/L	77
46) 1,1-Dichloropropene	5.068	75	1648435	199.53 ug/L	97
47) cis-1,3-Dichloropropene	6.846	75	1812542	221.88 ug/L	97
48) 4-Methyl-2-pentanone	7.013	58	249635	189.68 ug/L #	64
50) Toluene	7.200	91	4358284	211.32 ug/L	98
51) trans-1,3-Dichloropropene	7.431	75	1466654	234.36 ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	868453	205.39 ug/L	97
53) 1,3-Dichloropropane	7.817	76	1280520	218.24 ug/L	100
54) Tetrachloroethene	7.785	166	1517505	196.60 ug/L	99
55) 2-Hexanone	7.907	43	722334	162.33 ug/L	99
56) Dibromochloromethane	8.065	129	1065180	210.06 ug/L	100
57) 1,2-Dibromoethane	8.200	107	778151	214.81 ug/L	100
59) Chlorobenzene	8.740	112	2289766	196.95 ug/L	98
60) 1,1,1,2-Tetrachloroethane	8.833	131	960128	203.57 ug/L	98
61) Ethylbenzene	8.862	91	3230189	206.36 ug/L	99
62) m,p-Xylene	8.994	106	2228887	409.98 ug/L	98
63) o-Xylene	9.454	106	990840	204.29 ug/L	100
64) Styrene	9.470	104	1575092	218.18 ug/L	100
65) Bromoform	9.688	173	538240	197.65 ug/L	99
66) Isopropylbenzene	9.885	105	2425018	203.19 ug/L	99
67) 1,2,3-Trichloropropane	10.299	110	198567	214.53 ug/L	93
69) Bromobenzene	10.245	156	754839	200.09 ug/L	94
70) 1,1,2,2-Tetrachloroethane	10.245	83	756614	219.49 ug/L	99
71) n-Propylbenzene	10.373	91	2763385	213.39 ug/L	98
72) 2-Chlorotoluene	10.476	126	619527	203.31 ug/L	96
73) 4-Chlorotoluene	10.605	126	658262	221.30 ug/L	92
74) 1,3,5-Trimethylbenzene	10.582	105	2381285	238.37 ug/L	100
75) tert-Butylbenzene	10.975	134	493767	230.24 ug/L	98
76) 1,2,4-Trimethylbenzene	11.032	105	2598952	203.75 ug/L	100
77) sec-Butylbenzene	11.241	105	2823660	243.03 ug/L	98
78) p-Isopropyltoluene	11.418	119	3003463	251.30 ug/L	99
80) 1,3-Dichlorobenzene	11.373	146	1569293	186.50 ug/L	99
81) 1,4-Dichlorobenzene	11.479	146	1640248	191.33 ug/L	100
82) n-Butylbenzene	11.914	91	3012675	176.43 ug/L	98
83) 1,2-Dichlorobenzene	11.930	146	1691296	198.99 ug/L	100
85) 1,2-Dibromo-3-Chloropr...	12.794	157	288015	174.64 ug/L	96
86) 1,2,4-Trichlorobenzene	13.598	180	1663444	173.35 ug/L	100
87) 1,2,3-Trichlorobenzene	14.048	180	1610815	162.95 ug/L	100
88) Hexachlorobutadiene	13.753	225	935514	177.72 ug/L	100
89) Naphthalene	13.827	128	3752430	159.76 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05915.D
Acq On : 08 Dec 2021 12:37 pm
Operator : Bill Brew
Sample : 200ppb maga Cal
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 08 16:19:12 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Wed Dec 08 14:34:39 2021
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/13/21 BK

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	898136	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.708	117	495750	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	138125m	50.00	ug/L		0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.914	168	368650	32.41	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 108.03%				
31) 1,2-Dichloroethane-d4	5.213	65	127782	32.12	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 107.07%				
49) Toluene-D8	7.129	98	437074	32.78	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 109.27%				
68) 4-Bromofluorobenzene	10.068	95	81735	31.82	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 106.07%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	126389	44.47	ug/L		99
3) Chloromethane	1.708	50	127777	48.80	ug/L		99
4) Vinyl chloride	1.801	62	187382	48.62	ug/L		96
5) Bromomethane	2.094	94	132337	52.31	ug/L		98
6) Chloroethane	2.180	64	94419	47.46	ug/L		99
7) Trichlorofluoromethane	2.406	101	405824	49.88	ug/L		100
8) Ethyl ether	2.660	59	147646	48.46	ug/L		94
9) Freon 113	2.859	101	258269	49.69	ug/L		99
10) 1,1-Dichloroethene	2.865	61	377109	48.48	ug/L		97
11) Acetone	2.933	43	130747	55.38	ug/L		94
13) Carbon disulfide	3.068	76	735205	47.39	ug/L		99
14) Methyl acetate	3.209	43	78155	54.89	ug/L		93
15) Methylene chloride	3.293	84	206759	48.53	ug/L		93
16) Acrylonitrile	3.528	53	46127	51.35	ug/L		98
17) tert-Butyl Alcohol	3.418	59	231020	477.71	ug/L		96
18) Methyl tert-butyl Ether	3.534	73	455337	47.60	ug/L		94
19) trans-1,2-Dichloroethene	3.534	61	353875	49.44	ug/L		94
20) 1,1-Dichloroethane	3.914	63	430525	48.84	ug/L		98
21) Vinyl acetate	3.955	43	167547	47.85	ug/L		96
22) 2,2-Dichloropropane	4.444	77	314893	48.99	ug/L		97
23) 2-Butanone	4.467	72	42957	54.87	ug/L	#	80
24) cis-1,2-Dichloroethene	4.444	96	293631	48.31	ug/L		95
25) Bromochloromethane	4.669	128	140719	50.68	ug/L	#	89
26) Chloroform	4.733	83	452387	49.35	ug/L		99
28) Tetrahydrofuran	4.727	42	99374	102.52	ug/L		95
29) 1,1,1-Trichloroethane	4.914	97	397303	50.03	ug/L		97
30) Cyclohexane	4.965	56	427923	49.71	ug/L	#	83
32) Carbon Tetrachloride	5.071	117	373406	50.66	ug/L	#	69
33) Benzene	5.270	78	1011991	49.48	ug/L		99
34) 1,2-Dichloroethane	5.287	62	290628	49.97	ug/L		99
35) Trichloroethene	5.888	130	323241	49.27	ug/L		98
37) Methylcyclohexane	6.077	83	468946	49.17	ug/L		95
38) 1,4-Dioxane	6.286	88	2210	46.44	ug/L		95
40) 1,2-Dichloropropane	6.119	63	256658	49.96	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

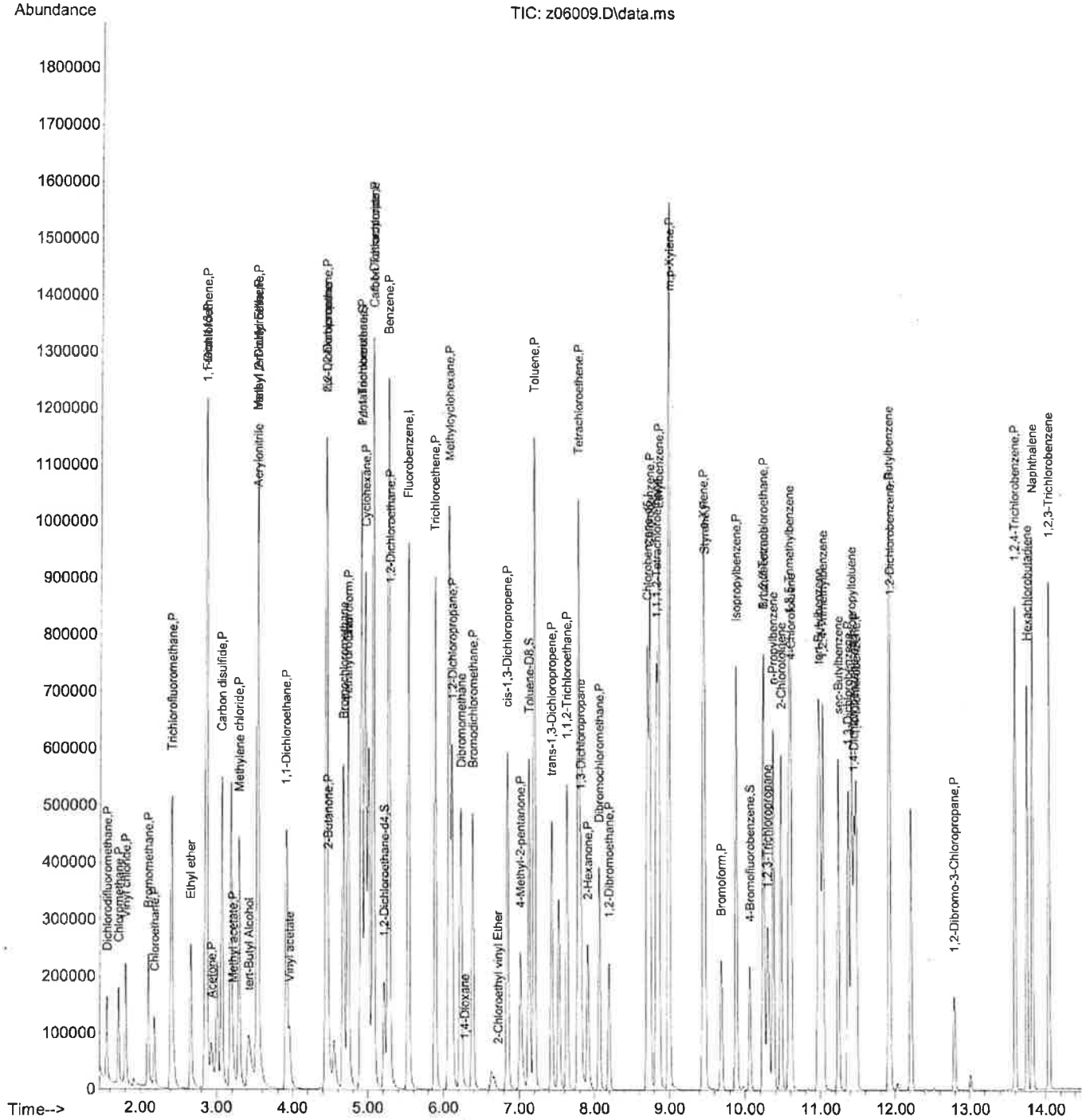
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	140874	50.62 ug/L	95
43) Bromodichloromethane	6.389	83	331197	50.10 ug/L	99
44) 2-Chloroethyl vinyl Ether	6.721	63	698	51.45 ug/L #	43
46) 1,1-Dichloropropene	5.068	75	363827	49.51 ug/L	97
47) cis-1,3-Dichloropropene	6.846	75	360291	49.58 ug/L	97
48) 4-Methyl-2-pentanone	7.016	58	79174	47.47 ug/L #	79
50) Toluene	7.200	91	930000	50.69 ug/L	100
51) trans-1,3-Dichloropropene	7.431	75	278409	50.01 ug/L	98
52) 1,1,2-Trichloroethane	7.634	97	190957	50.77 ug/L	97
53) 1,3-Dichloropropane	7.817	76	267349	51.22 ug/L	99
54) Tetrachloroethene	7.785	166	347326	50.59 ug/L	98
55) 2-Hexanone	7.910	43	194011	49.01 ug/L	98
56) Dibromochloromethane	8.065	129	237324	52.61 ug/L	100
57) 1,2-Dibromoethane	8.196	107	167186	51.88 ug/L	99
59) Chlorobenzene	8.740	112	533290	43.38 ug/L	98
60) 1,1,1,2-Tetrachloroethane	8.833	131	222710	44.66 ug/L	98
61) Ethylbenzene	8.862	91	730020	44.11 ug/L	99
62) m,p-Xylene	8.997	106	515821	89.73 ug/L	100
63) o-Xylene	9.454	106	228818	44.62 ug/L	98
64) Styrene	9.470	104	336723	44.11 ug/L	99
65) Bromoform	9.688	173	129073	44.83 ug/L	99
66) Isopropylbenzene	9.884	105	561631	44.51 ug/L	98
67) 1,2,3-Trichloropropane	10.296	110	40557	41.44 ug/L	94
69) Bromobenzene	10.245	156	179061	44.89 ug/L	94
70) 1,1,2,2-Tetrachloroethane	10.245	83	156586	42.96 ug/L	99
71) n-Propylbenzene	10.370	91	563476	41.15 ug/L	98
72) 2-Chlorotoluene	10.476	126	143097	44.41 ug/L	98
73) 4-Chlorotoluene	10.605	126	134507	42.77 ug/L	92
74) 1,3,5-Trimethylbenzene	10.582	105	431899	40.89 ug/L	100
75) tert-Butylbenzene	10.974	134	90066	39.72 ug/L #	96
76) 1,2,4-Trimethylbenzene	11.032	105	430530	38.48 ug/L	99
77) sec-Butylbenzene	11.238	105	464948	37.85 ug/L	98
78) p-Isopropyltoluene	11.418	119	460069	36.41 ug/L	99
80) 1,3-Dichlorobenzene	11.370	146	268297	42.25 ug/L	99
81) 1,4-Dichlorobenzene	11.479	146	263904	40.79 ug/L	99
82) n-Butylbenzene	11.913	91	496682	38.54 ug/L	98
83) 1,2-Dichlorobenzene	11.929	146	248378	38.72 ug/L	99
85) 1,2-Dibromo-3-Chloropr...	12.794	157	50850	40.86 ug/L	96
86) 1,2,4-Trichlorobenzene	13.598	180	274759	37.94 ug/L	100
87) 1,2,3-Trichlorobenzene	14.048	180	302422	40.54 ug/L	99
88) Hexachlorobutadiene	13.753	225	139551	35.13 ug/L	99
89) Naphthalene	13.826	128	741714	41.84 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



211208.M Mon Dec 13 11:33:50 2021 Page: 3

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/13/21 1515

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	93	0.00
2	P	Dichlorodifluoromethane	50.000	44.469	11.1	86	0.00
3	P	Chloromethane	50.000	48.803	2.4	88	0.00
4	P	Vinyl chloride	50.000	48.622	2.8	92	0.00
5	P	Bromomethane	50.000	52.305	-4.6	94	0.00
6	P	Chloroethane	50.000	47.461	5.1	91	0.00
7	P	Trichlorofluoromethane	50.000	49.884	0.2	91	0.00
8		Ethyl ether	50.000	48.463	3.1	93	0.00
9	P	Freon 113	50.000	49.688	0.6	91	0.00
10	P	1,1-Dichloroethene	50.000	48.477	3.0	90	0.00
11	P	Acetone	50.000	55.380	-10.8	94	0.00
12		Isopropyl Alcohol	500.000	0.000	100.0#	0	0.01
13	P	Carbon disulfide	50.000	47.392	5.2	90	0.00
14	P	Methyl acetate	50.000	54.893	-9.8	97	0.00
15	P	Methylene chloride	50.000	48.527	2.9	94	0.00
16		Acrylonitrile	50.000	51.353	-2.7	95	0.00
17		tert-Butyl Alcohol	500.000	477.707	4.5	98	0.00
18	P	Methyl tert-butyl Ether	50.000	47.602	4.8	94	0.00
19	P	trans-1,2-Dichloroethene	50.000	49.442	1.1	91	0.00
20	P	1,1-Dichloroethane	50.000	48.838	2.3	92	0.00
21		Vinyl acetate	50.000	47.847	4.3	90	0.00
22		2,2-Dichloropropane	50.000	48.993	2.0	91	0.00
23	P	2-Butanone	50.000	54.875	-9.8	96	0.00
24	P	cis-1,2-Dichloroethene	50.000	48.312	3.4	92	0.00
25		Bromochloromethane	50.000	50.682	-1.4	97	0.00
26	P	Chloroform	50.000	49.354	1.3	93	0.00
27	S	Pentafluorobenzene	30.000	32.412	-8.0	101	0.00
28		Tetrahydrofuran	100.000	102.518	-2.5	95	0.00
29	P	1,1,1-Trichloroethane	50.000	50.028	-0.1	92	0.00
30	P	Cyclohexane	50.000	49.705	0.6	91	0.00
31	S	1,2-Dichloroethane-d4	30.000	32.124	-7.1	101	0.00
32	P	Carbon Tetrachloride	50.000	50.663	-1.3	94	0.00
33	P	Benzene	50.000	49.481	1.0	93	0.00
34	P	1,2-Dichloroethane	50.000	49.975	0.0	95	0.00
35	P	Trichloroethene	50.000	49.266	1.5	93	0.00
36		tert-Butyl Acetate	50.000	0.000	100.0#	0	0.20
37	P	Methylcyclohexane	50.000	49.173	1.7	90	0.00
38		1,4-Dioxane	50.000	46.438	7.1	90	-0.01
39	UN	Ethyl acetate	-1.000	0.000	0.0	0	0.00
40	P	1,2-Dichloropropane	50.000	49.963	0.1	93	0.00
41	UN	Isobutyl alcohol	-1.000	0.000	0.0	0	0.00
42		Dibromomethane	50.000	50.617	-1.2	95	0.00
43	P	Bromodichloromethane	50.000	50.104	-0.2	94	0.00
44		2-Chloroethyl vinyl Ether	50.000	51.450	-2.9	91	0.00
45	UN	Isopropyl acetate	-1.000	0.000	0.0	0	-0.06
46		1,1-Dichloropropene	50.000	49.506	1.0	92	0.00

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.		%Dev	Area%	Dev(min)	
47	P	cis-1,3-Dichloropropene	50.000	49.581		0.8	93	0.00	
48	P	4-Methyl-2-pentanone	50.000	47.473		5.1	97	0.00	
49	S	Toluene-D8	30.000	32.782		-9.3	100	0.00	
50	P	Toluene	50.000	50.691		-1.4	92	0.00	
51	P	trans-1,3-Dichloropropene	50.000	50.012		-0.0	93	0.00	
52	P	1,1,2-Trichloroethane	50.000	50.769		-1.5	96	0.00	
53		1,3-Dichloropropane	50.000	51.223		-2.4	95	0.00	
54	P	Tetrachloroethene	50.000	50.586		-1.2	94	0.00	
55	P	2-Hexanone	50.000	49.014		2.0	89	0.00	
56	P	Dibromochloromethane	50.000	52.613		-5.2	96	0.00	
57	P	1,2-Dibromoethane	50.000	51.882		-3.8	97	0.00	
58	I	Chlorobenzene-d5	50.000	50.000		0.0	105	0.00	
59	P	Chlorobenzene	50.000	43.381		13.2	91	0.00	
60		1,1,1,2-Tetrachloroethane	50.000	44.658		10.7	92	0.00	
61	P	Ethylbenzene	50.000	44.107		11.8	89	0.00	
62	P	m,p-Xylene	100.000	89.731		10.3	90	0.00	
63	P	o-Xylene	50.000	44.618		10.8	91	0.00	
64	P	Styrene	50.000	44.111		11.8	92	0.00	
65	P	Bromoform	50.000	44.827		10.3	97	0.00	
66	P	Isopropylbenzene	50.000	44.506		11.0	89	0.00	
67		1,2,3-Trichloropropane	50.000	41.440		17.1	99	0.00	
68	S	4-Bromofluorobenzene	30.000	31.824		-6.1	109	0.00	
69		Bromobenzene	50.000	44.889		10.2	93	0.00	
70	P	1,1,2,2-Tetrachloroethane	50.000	42.960		14.1	96	0.00	
71		n-Propylbenzene	50.000	41.152		17.7	90	0.00	
72		2-Chlorotoluene	50.000	44.412		11.2	92	0.00	
73		4-Chlorotoluene	50.000	42.766		14.5	90	0.00	
74		1,3,5-Trimethylbenzene	50.000	40.888		18.2	88	0.00	
75		tert-Butylbenzene	50.000	39.719	↓	20.6#	92	0.00	see RL std
76		1,2,4-Trimethylbenzene	50.000	38.477	↓	23.0#	91	0.00	
77		sec-Butylbenzene	50.000	37.846	↓	24.3#	92	0.00	
78		p-Isopropyltoluene	50.000	36.405	↓	27.2#	91	0.00	
79	I	1,4-Dichlorobenzene-d4	50.000	50.000		0.0	110	0.00	
80	P	1,3-Dichlorobenzene	50.000	42.249		15.5	94	0.00	
81	P	1,4-Dichlorobenzene	50.000	40.789		18.4	93	0.00	
82		n-Butylbenzene	50.000	38.543	↓	22.9#	91	0.00	see RL std
83	P	1,2-Dichlorobenzene	50.000	38.723	↓	22.6#	93	0.00	
84	UN	Tetraethyllead	-1.000	0.000		0.0	0	0.00	
85	P	1,2-Dibromo-3-Chloropropane	50.000	40.856		18.3	92	0.00	
86	P	1,2,4-Trichlorobenzene	50.000	37.941	↓	24.1#	91	0.00	see RL std
87		1,2,3-Trichlorobenzene	50.000	40.537		18.9	92	0.00	
88		Hexachlorobutadiene	50.000	35.128	↓	29.7#	89	0.00	NT
89		Naphthalene	50.000	41.845		16.3	90	0.00	

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

12/13/21 BB

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2	P	Dichlorodifluoromethane	0.158	0.141	10.8	86	0.00
3	P	Chloromethane	0.164	0.142	13.4	88	0.00
4	P	Vinyl chloride	0.215	0.209	2.8	92	0.00
5	P	Bromomethane	0.164	0.147	10.4	94	0.00
6	P	Chloroethane	0.110	0.105	4.5	91	0.00
7	P	Trichlorofluoromethane	0.453	0.452	0.2	91	0.00
8		Ethyl ether	0.170	0.164	3.5	93	0.00
9	P	Freon 113	0.289	0.288	0.3	91	0.00
10	P	1,1-Dichloroethene	0.433	0.420	3.0	90	0.00
11	P	Acetone	0.170	0.146	14.1	94	0.00
12		Isopropyl Alcohol	0.000	0.000	0.0	0#	0.01
13	P	Carbon disulfide	0.864	0.819	5.2	90	0.00
14	P	Methyl acetate	0.079	0.087#	-10.1	97	0.00
15	P	Methylene chloride	0.237	0.230	3.0	94	0.00
16		Acrylonitrile	0.050	0.051	-2.0	95	0.00
17		tert-Butyl Alcohol	0.027	0.026	3.7	98	0.00
18	P	Methyl tert-butyl Ether	0.533	0.507	4.9	94	0.00
19	P	trans-1,2-Dichloroethene	0.398	0.394	1.0	91	0.00
20	P	1,1-Dichloroethane	0.491	0.479	2.4	92	0.00
21		Vinyl acetate	0.195	0.187	4.1	90	0.00
22		2,2-Dichloropropane	0.358	0.351	2.0	91	0.00
23	P	2-Butanone	0.049	0.048#	2.0	96	0.00
24	P	cis-1,2-Dichloroethene	0.338	0.327	3.3	92	0.00
25		Bromochloromethane	0.155	0.157	-1.3	97	0.00
26	P	Chloroform	0.510	0.504	1.2	93	0.00
27	S	Pentafluorobenzene	0.633	0.684	-8.1	101	0.00
28		Tetrahydrofuran	0.054	0.055	-1.9	95	0.00
29	P	1,1,1-Trichloroethane	0.442	0.442	0.0	92	0.00
30	P	Cyclohexane	0.479	0.476	0.6	91	0.00
31	S	1,2-Dichloroethane-d4	0.221	0.237	-7.2	101	0.00
32	P	Carbon Tetrachloride	0.410	0.416	-1.5	94	0.00
33	P	Benzene	1.139	1.127	1.1	93	0.00
34	P	1,2-Dichloroethane	0.324	0.324	0.0	95	0.00
35	P	Trichloroethene	0.365	0.360	1.4	93	0.00
36		tert-Butyl Acetate	0.000	0.018	0.0	0#	0.20
37	P	Methylcyclohexane	0.531	0.522	1.7	90	0.00
38		1,4-Dioxane	0.003	0.002	33.3#	90	-0.01
39	UN	Ethyl acetate	0.000	0.000	0.0	0#	0.00
40	P	1,2-Dichloropropane	0.286	0.286	0.0	93	0.00
41	UN	Isobutyl alcohol	0.000	0.000	0.0	0#	0.00
42		Dibromomethane	0.155	0.157	-1.3	95	0.00
43	P	Bromodichloromethane	0.368	0.369	-0.3	94	0.00
44		2-Chloroethyl vinyl Ether	0.001	0.001	0.0	91	0.00
45	UN	Isopropyl acetate	0.000	0.000	0.0	0#	-0.06
46		1,1-Dichloropropene	0.409	0.405	1.0	92	0.00

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	P	cis-1,3-Dichloropropene	0.405	0.401	1.0	93	0.00
48	P	4-Methyl-2-pentanone	0.085	0.088#	-3.5	97	0.00
49	S	Toluene-D8	0.742	0.811	-9.3	100	0.00
50	P	Toluene	1.021	1.035	-1.4	92	0.00
51	P	trans-1,3-Dichloropropene	0.310	0.310	0.0	93	0.00
52	P	1,1,2-Trichloroethane	0.209	0.213	-1.9	96	0.00
53		1,3-Dichloropropane	0.291	0.298	-2.4	95	0.00
54	P	Tetrachloroethene	0.382	0.387	-1.3	94	0.00
55	P	2-Hexanone	0.220	0.216	1.8	89	0.00
56	P	Dibromochloromethane	0.251	0.264	-5.2	96	0.00
57	P	1,2-Dibromoethane	0.179	0.186	-3.9	97	0.00
58	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
59	P	Chlorobenzene	1.240	1.076	13.2	91	0.00
60		1,1,1,2-Tetrachloroethane	0.503	0.449	10.7	92	0.00
61	P	Ethylbenzene	1.669	1.473	11.7	89	0.00
62	P	m,p-Xylene	0.580	0.520	10.3	90	0.00
63	P	o-Xylene	0.517	0.462	10.6	91	0.00
64	P	Styrene	0.770	0.679	11.8	92	0.00
65	P	Bromoform	0.290	0.260	10.3	97	0.00
66	P	Isopropylbenzene	1.273	1.133	11.0	89	0.00
67		1,2,3-Trichloropropane	0.099	0.082	17.2	99	0.00
68	S	4-Bromofluorobenzene	0.259	0.275	-6.2	109	0.00
69		Bromobenzene	0.402	0.361	10.2	93	0.00
70	P	1,1,2,2-Tetrachloroethane	0.368	0.316	14.1	96	0.00
71		n-Propylbenzene	1.381	1.137	17.7	90	0.00
72		2-Chlorotoluene	0.325	0.289	11.1	92	0.00
73		4-Chlorotoluene	0.317	0.271	14.5	90	0.00
74		1,3,5-Trimethylbenzene	1.065	0.871	18.2	88	0.00
75		tert-Butylbenzene	0.229	0.182	20.5#	92	0.00
76		1,2,4-Trimethylbenzene	1.129	0.868	23.1#	91	0.00
77		sec-Butylbenzene	1.239	0.938	24.3#	92	0.00
78		p-Isopropyltoluene	1.275	0.928	27.2#	91	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
80	P	1,3-Dichlorobenzene	2.299	1.942	15.5	94	0.00
81	P	1,4-Dichlorobenzene	2.342	1.911	18.4	93	0.00
82		n-Butylbenzene	4.665	3.596	22.9#	91	0.00
83	P	1,2-Dichlorobenzene	2.322	1.798	22.6#	93	0.00
84	UN	Tetraethyllead	0.000	0.000	0.0	0#	0.00
85	P	1,2-Dibromo-3-Chloropropane	0.451	0.368	18.4	92	0.00
86	P	1,2,4-Trichlorobenzene	2.621	1.989	24.1#	91	0.00
87		1,2,3-Trichlorobenzene	2.701	2.189	19.0	92	0.00
88		Hexachlorobutadiene	1.438	1.010	29.8#	89	0.00
89		Naphthalene	6.416	5.370	16.3	90	0.00

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06009.D
Acq On : 13 Dec 2021 11:14 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 13 11:32:00 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 3 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06010.D
Acq On : 13 Dec 2021 11:33 am
Operator : Bill Brew
Sample : 1ppb RL Std
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 11:51:23 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/13/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	780007	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	379533	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	150599	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	326025	33.01	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 110.03%			
31) 1,2-Dichloroethane-d4	5.213	65	114053	33.02	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 110.07%			
49) Toluene-D8	7.129	98	363300	31.38	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 104.60%			
68) 4-Bromofluorobenzene	10.068	95	65537	33.33	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 111.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	2515	1.02	ug/L	91
3) Chloromethane	1.708	50	3798	1.65	ug/L	97
4) Vinyl chloride	1.801	62	3982	1.19	ug/L	95
5) Bromomethane	2.094	94	4391	1.95	ug/L	96
6) Chloroethane	2.181	64	2486	1.35	ug/L	97
7) Trichlorofluoromethane	2.406	101	7887	1.12	ug/L	99
8) Ethyl ether	2.663	59	3265	1.23	ug/L	79
9) Freon 113	2.856	101	5079	1.13	ug/L	96
10) 1,1-Dichloroethene	2.865	61	8079	1.20	ug/L	97
11) Acetone	2.943	43	5340	Below Cal		87
13) Carbon disulfide	3.068	76	16939	1.26	ug/L	99
14) Methyl acetate	3.219	43	3086	2.50	ug/L #	79
15) Methylene chloride	3.290	84	4788	1.29	ug/L	89
16) Acrylonitrile	3.531	53	1236	1.58	ug/L #	40
17) tert-Butyl Alcohol	3.422	59	8314	19.80	ug/L #	65
18) Methyl tert-butyl Ether	3.537	73	8717	1.05	ug/L	98
19) trans-1,2-Dichloroethene	3.534	61	8699	1.40	ug/L	95
20) 1,1-Dichloroethane	3.914	63	9026	1.18	ug/L	95
21) Vinyl acetate	3.962	43	3023	0.99	ug/L	73
22) 2,2-Dichloropropane	4.444	77	6251	1.12	ug/L	96
23) 2-Butanone	4.470	72	447	0.63	ug/L #	1
24) cis-1,2-Dichloroethene	4.444	96	7517	1.42	ug/L	91
25) Bromochloromethane	4.669	128	3036	1.26	ug/L #	81
26) Chloroform	4.734	83	9727	1.22	ug/L	97
28) Tetrahydrofuran	4.746	42	3372	4.01	ug/L #	57
29) 1,1,1-Trichloroethane	4.917	97	7250	1.05	ug/L #	1
30) Cyclohexane	4.968	56	7750	1.04	ug/L	88
32) Carbon Tetrachloride	5.071	117	7103	1.11	ug/L #	76
33) Benzene	5.271	78	23731	1.34	ug/L	97
34) 1,2-Dichloroethane	5.287	62	6338	1.25	ug/L	97
35) Trichloroethene	5.891	130	7965	1.40	ug/L	97
37) Methylcyclohexane	6.078	83	8534	1.03	ug/L	92
40) 1,2-Dichloropropane	6.123	63	5020	1.13	ug/L	95
42) Dibromomethane	6.238	93	3121	1.29	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06010.D
Acq On : 13 Dec 2021 11:33 am
Operator : Bill Brew
Sample : 1ppb RL Std
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 11:51:23 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

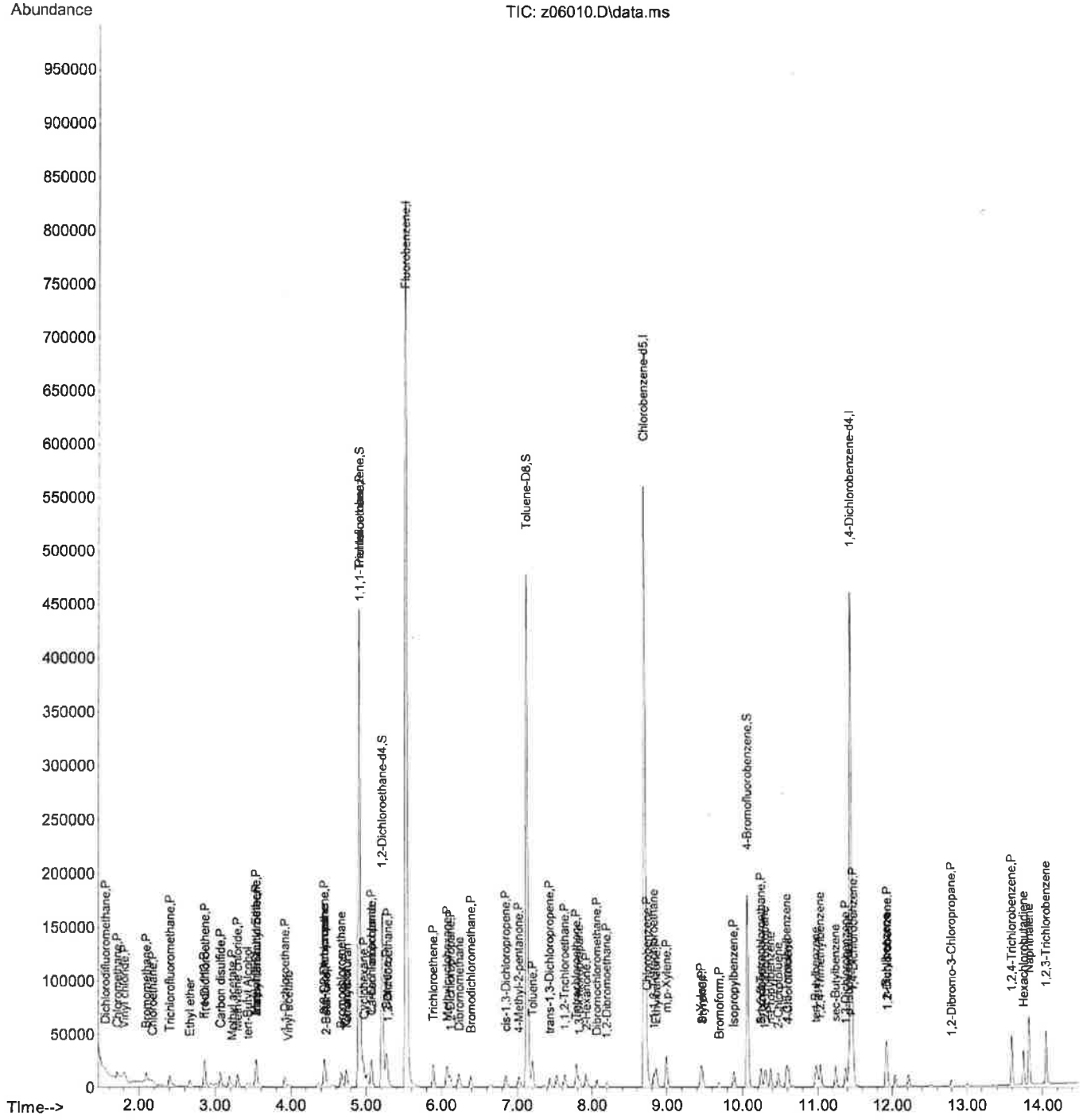
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
43) Bromodichloromethane	6.393	83	6731	1.17 ug/L	95	
46) 1,1-Dichloropropene	5.068	75	7596	1.19 ug/L	92	
47) cis-1,3-Dichloropropene	6.849	75	6771	1.07 ug/L	98	
48) 4-Methyl-2-pentanone	7.020	58	3147	1.98 ug/L #	70	
50) Toluene	7.200	91	19088	1.20 ug/L	98	
51) trans-1,3-Dichloropropene	7.431	75	4863	1.01 ug/L	88	
52) 1,1,2-Trichloroethane	7.631	97	3776	1.16 ug/L	97	
53) 1,3-Dichloropropane	7.824	76	5142	1.13 ug/L	95	
54) Tetrachloroethene	7.785	166	7593	1.27 ug/L	96	
55) 2-Hexanone	7.917	43	10081	2.93 ug/L	97	
56) Dibromochloromethane	8.065	129	4403	1.12 ug/L #	95	
57) 1,2-Dibromoethane	8.196	107	3173	1.13 ug/L	92	
59) Chlorobenzene	8.740	112	11514	1.22 ug/L	95	
60) 1,1,1,2-Tetrachloroethane	8.830	131	4037	1.06 ug/L	96	
61) Ethylbenzene	8.862	91	13458	1.06 ug/L	100	
62) m,p-Xylene	8.997	106	8901	2.02 ug/L	92	
63) o-Xylene	9.457	106	4398	1.12 ug/L	93	
64) Styrene	9.470	104	7249	1.24 ug/L	96	
65) Bromoform	9.692	173	2597	1.18 ug/L	91	
66) Isopropylbenzene	9.885	105	10827	1.12 ug/L	93	
67) 1,2,3-Trichloropropane	10.296	110	1194	1.59 ug/L	95	
69) Bromobenzene	10.248	156	4540	1.49 ug/L	98	
70) 1,1,2,2-Tetrachloroethane	10.248	83	3769	1.35 ug/L	98	
71) n-Propylbenzene	10.373	91	16005	1.53 ug/L	97	
72) 2-Chlorotoluene	10.473	126	3203	1.30 ug/L	92	
73) 4-Chlorotoluene	10.605	126	3760	1.56 ug/L	93	
74) 1,3,5-Trimethylbenzene	10.586	105	10850	1.34 ug/L	99	
75) tert-Butylbenzene	10.971	134	2638	1.52 ug/L	97	ok if ND
76) 1,2,4-Trimethylbenzene	11.032	105	13080	1.53 ug/L	99	↓
77) sec-Butylbenzene	11.238	105	15147	1.61 ug/L	99	
78) p-Isopropyltoluene	11.415	119	14559	1.50 ug/L	97	
80) 1,3-Dichlorobenzene	11.376	146	9905	1.43 ug/L	95	
81) 1,4-Dichlorobenzene	11.479	146	10501	1.49 ug/L #	76	
82) n-Butylbenzene	11.917	91	20285	1.44 ug/L	97	ok if ND
83) 1,2-Dichlorobenzene	11.933	146	11121	1.59 ug/L	93	↓
85) 1,2-Dibromo-3-Chloropr...	12.798	157	1923	1.42 ug/L #	82	
86) 1,2,4-Trichlorobenzene	13.598	180	14372	1.82 ug/L	97	ok if ND
87) 1,2,3-Trichlorobenzene	14.052	180	16540	2.03 ug/L	97	
88) Hexachlorobutadiene	13.753	225	6552	1.51 ug/L	97	
89) Naphthalene	13.827	128	48650	2.52 ug/L	99	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06010.D
Acq On : 13 Dec 2021 11:33 am
Operator : Bill Brew
Sample : 1ppb RL Std
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 11:51:23 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



211208.M Mon Dec 13 11:51:44 2021 Page: 3

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	800638	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	444892	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	132147	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	329067	32.45	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 108.17%			
31) 1,2-Dichloroethane-d4	5.213	65	107759	30.39	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 101.30%			
49) Toluene-D8	7.129	98	390048	32.82	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 109.40%			
68) 4-Bromofluorobenzene	10.065	95	68533	29.73	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 99.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	124862	49.28	ug/L	98
3) Chloromethane	1.708	50	130144	55.89	ug/L	99
4) Vinyl chloride	1.801	62	187652	54.62	ug/L	96
5) Bromomethane	2.094	94	133278	59.31	ug/L	98
6) Chloroethane	2.181	64	96860	55.21	ug/L	99
7) Trichlorofluoromethane	2.402	101	414816	57.20	ug/L	99
8) Ethyl ether	2.660	59	145096	53.43	ug/L	93
9) Freon 113	2.856	101	263121	56.79	ug/L	98
10) 1,1-Dichloroethene	2.862	61	383621	55.32	ug/L	97
11) Acetone	2.933	43	123501m	58.81	ug/L	
13) Carbon disulfide	3.068	76	748611	54.13	ug/L	99
14) Methyl acetate	3.209	43	73505	57.91	ug/L	97
15) Methylene chloride	3.290	84	207401	54.61	ug/L	95
16) Acrylonitrile	3.528	53	48230	60.23	ug/L	97
17) tert-Butyl Alcohol	3.425	59	223751	519.02	ug/L	96
18) Methyl tert-butyl Ether	3.534	73	446458	52.36	ug/L	95
19) trans-1,2-Dichloroethene	3.534	61	362022	56.74	ug/L	94
20) 1,1-Dichloroethane	3.914	63	436764	55.58	ug/L	98
21) Vinyl acetate	3.955	43	160856	51.53	ug/L	93
22) 2,2-Dichloropropane	4.444	77	326345	56.96	ug/L	96
23) 2-Butanone	4.470	72	38968m	55.88	ug/L	
24) cis-1,2-Dichloroethene	4.444	96	297848	54.97	ug/L	95
25) Bromochloromethane	4.669	128	136678	55.22	ug/L #	89
26) Chloroform	4.734	83	452554	55.38	ug/L	100
28) Tetrahydrofuran	4.727	42	98039	113.46	ug/L	96
29) 1,1,1-Trichloroethane	4.914	97	401578	56.72	ug/L	98
30) Cyclohexane	4.965	56	435225	56.71	ug/L #	83
32) Carbon Tetrachloride	5.071	117	377799	57.50	ug/L #	68
33) Benzene	5.271	78	1022110	56.06	ug/L	98
34) 1,2-Dichloroethane	5.287	62	279932	54.00	ug/L	99
35) Trichloroethene	5.888	130	329668	56.36	ug/L	98
37) Methylcyclohexane	6.078	83	483614	56.89	ug/L	95
38) 1,4-Dioxane	6.306	88	2274m	53.60	ug/L	
40) 1,2-Dichloropropane	6.119	63	255357	55.76	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

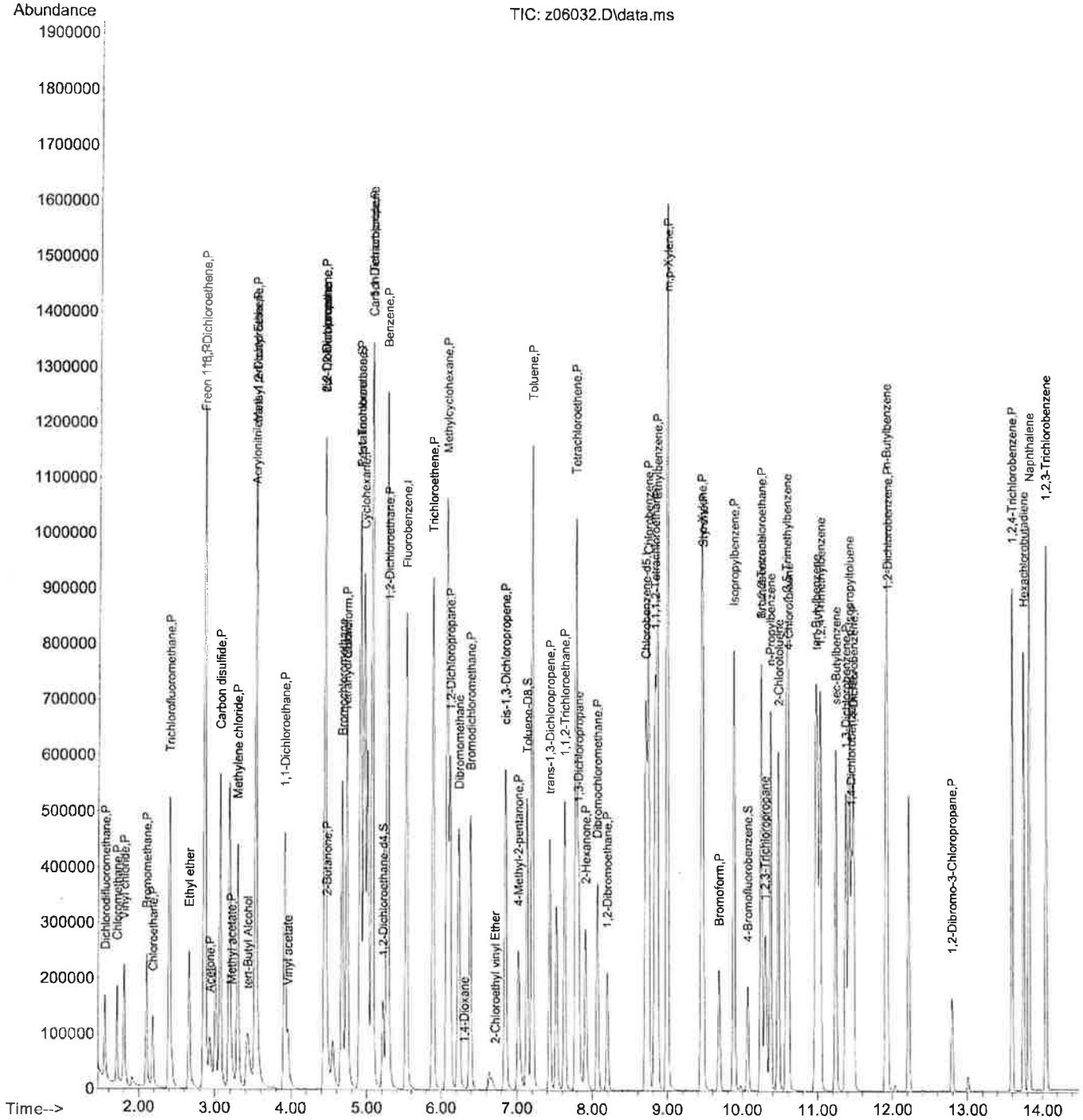
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Dibromomethane	6.238	93	136673	55.09 ug/L	96
43) Bromodichloromethane	6.389	83	325728	55.28 ug/L	99
44) 2-Chloroethyl vinyl Ether	6.711	63	622	51.44 ug/L #	43
46) 1,1-Dichloropropene	5.068	75	372653	56.88 ug/L	97
47) cis-1,3-Dichloropropene	6.846	75	359583	55.51 ug/L	96
48) 4-Methyl-2-pentanone	7.016	58	81143	55.51 ug/L #	77
50) Toluene	7.200	91	944461	57.75 ug/L	100
51) trans-1,3-Dichloropropene	7.431	75	272477	54.91 ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	183769	54.81 ug/L	98
53) 1,3-Dichloropropane	7.817	76	256637	55.16 ug/L	99
54) Tetrachloroethene	7.785	166	352668	57.62 ug/L	99
55) 2-Hexanone	7.910	43	219359	62.17 ug/L	99
56) Dibromochloromethane	8.065	129	227147	56.49 ug/L	99
57) 1,2-Dibromoethane	8.196	107	160767	55.97 ug/L	100
59) Chlorobenzene	8.740	112	536192	48.60 ug/L	97
60) 1,1,1,2-Tetrachloroethane	8.833	131	225023	50.28 ug/L	98
61) Ethylbenzene	8.862	91	753391	50.72 ug/L	98
62) m,p-Xylene	8.997	106	535582	103.82 ug/L	100
63) o-Xylene	9.454	106	232002	50.41 ug/L	97
64) Styrene	9.470	104	345686	50.46 ug/L	99
65) Bromoform	9.688	173	122984	47.59 ug/L	99
66) Isopropylbenzene	9.885	105	591750	52.25 ug/L	99
67) 1,2,3-Trichloropropane	10.296	110	39794	45.31 ug/L	93
69) Bromobenzene	10.245	156	180525	50.43 ug/L	93
70) 1,1,2,2-Tetrachloroethane	10.245	83	150817	46.11 ug/L	99
71) n-Propylbenzene	10.370	91	594986	48.42 ug/L	97
72) 2-Chlorotoluene	10.476	126	148061	51.21 ug/L	97
73) 4-Chlorotoluene	10.605	126	141288	50.06 ug/L	95
74) 1,3,5-Trimethylbenzene	10.582	105	462167	48.76 ug/L	99
75) tert-Butylbenzene	10.975	134	94974	46.67 ug/L	95
76) 1,2,4-Trimethylbenzene	11.032	105	455553	45.37 ug/L	99
77) sec-Butylbenzene	11.238	105	492568	44.68 ug/L	98
78) p-Isopropyltoluene	11.418	119	489475	43.16 ug/L	98
80) 1,3-Dichlorobenzene	11.373	146	274576	45.19 ug/L	98
81) 1,4-Dichlorobenzene	11.479	146	274385	44.33 ug/L	98
82) n-Butylbenzene	11.913	91	535309	43.42 ug/L	98
83) 1,2-Dichlorobenzene	11.930	146	259504	42.29 ug/L	99
85) 1,2-Dibromo-3-Chloropr...	12.794	157	54633	45.88 ug/L	98
86) 1,2,4-Trichlorobenzene	13.598	180	292666	42.24 ug/L	99
87) 1,2,3-Trichlorobenzene	14.048	180	319466	44.76 ug/L	99
88) Hexachlorobutadiene	13.749	225	154781	40.72 ug/L	99
89) Naphthalene	13.823	128	773740	45.63 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

12/14/21 BB

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
1	I	Fluorobenzene	50.000	50.000	0.0	83	0.00	
2	P	Dichlorodifluoromethane	50.000	49.281	1.4	85	0.00	
3	P	Chloromethane	50.000	55.887	-11.8	90	0.00	
4	P	Vinyl chloride	50.000	54.621	-9.2	93	0.00	
5	P	Bromomethane	50.000	59.312	-18.6	94	0.00	
6	P	Chloroethane	50.000	55.213	-10.4	93	0.00	
7	P	Trichlorofluoromethane	50.000	57.199	-14.4	93	0.00	
8		Ethyl ether	50.000	53.425	-6.8	91	0.00	
9	P	Freon 113	50.000	56.785	-13.6	93	0.00	
10	P	1,1-Dichloroethene	50.000	55.319	-10.6	91	0.00	
11	P	Acetone	50.000	58.807	-17.6	89	0.00	
12		Isopropyl Alcohol	500.000	0.000	100.0#	0	0.00	
13	P	Carbon disulfide	50.000	54.132	-8.3	91	0.00	
14	P	Methyl acetate	50.000	57.914	-15.8	91	0.00	
15	P	Methylene chloride	50.000	54.606	-9.2	94	0.00	
16		Acrylonitrile	50.000	60.233	-20.5#	99	0.00	NT
17		tert-Butyl Alcohol	500.000	519.019	-3.8	95	0.00	
18	P	Methyl tert-butyl Ether	50.000	52.357	-4.7	92	0.00	
19	P	trans-1,2-Dichloroethene	50.000	56.740	-13.5	93	0.00	
20	P	1,1-Dichloroethane	50.000	55.579	-11.2	93	0.00	
21		Vinyl acetate	50.000	51.530	-3.1	86	0.00	
22		2,2-Dichloropropane	50.000	56.958	-13.9	94	0.00	
23	P	2-Butanone	50.000	55.879	-11.8	87	0.00	
24	P	cis-1,2-Dichloroethene	50.000	54.974	-9.9	93	0.00	
25		Bromochloromethane	50.000	55.221	-10.4	94	0.00	
26	P	Chloroform	50.000	55.385	-10.8	93	0.00	
27	S	Pentafluorobenzene	30.000	32.455	-8.2	90	0.00	
28		Tetrahydrofuran	100.000	113.458	-13.5	93	0.00	
29	P	1,1,1-Trichloroethane	50.000	56.724	-13.4	93	0.00	
30	P	Cyclohexane	50.000	56.710	-13.4	93	0.00	
31	S	1,2-Dichloroethane-d4	30.000	30.389	-1.3	85	0.00	
32	P	Carbon Tetrachloride	50.000	57.501	-15.0	95	0.00	
33	P	Benzene	50.000	56.061	-12.1	94	0.00	
34	P	1,2-Dichloroethane	50.000	53.997	-8.0	92	0.00	
35	P	Trichloroethene	50.000	56.364	-12.7	94	0.00	
36		tert-Butyl Acetate	50.000	0.000	100.0#	0	0.20	
37	P	Methylcyclohexane	50.000	56.887	-13.8	92	0.00	
38		1,4-Dioxane	50.000	53.602	-7.2	92	0.00	
39	UN	Ethyl acetate	-1.000	0.000	0.0	0	0.00	
40	P	1,2-Dichloropropane	50.000	55.763	-11.5	93	0.00	
41	UN	Isobutyl alcohol	-1.000	0.000	0.0	0	0.00	
42		Dibromomethane	50.000	55.088	-10.2	92	0.00	
43	P	Bromodichloromethane	50.000	55.278	-10.6	93	0.00	
44		2-Chloroethyl vinyl Ether	50.000	51.439	-2.9	81	0.00	
45	UN	Isopropyl acetate	-1.000	0.000	0.0	0	-0.06	
46		1,1-Dichloropropene	50.000	56.881	-13.8	94	0.00	

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)	
47	P	cis-1,3-Dichloropropene	50.000	55.509	-11.0	92	0.00	
48	P	4-Methyl-2-pentanone	50.000	55.514	-11.0	99	0.00	
49	S	Toluene-D8	30.000	32.818	-9.4	90	0.00	
50	P	Toluene	50.000	57.748	-15.5	93	0.00	
51	P	trans-1,3-Dichloropropene	50.000	54.907	-9.8	91	0.00	
52	P	1,1,2-Trichloroethane	50.000	54.808	-9.6	93	0.00	
53		1,3-Dichloropropane	50.000	55.158	-10.3	91	0.00	
54	P	Tetrachloroethene	50.000	57.619	-15.2	95	0.00	
55	P	2-Hexanone	50.000	62.166	-24.3#	101	0.00	ok if ND
56	P	Dibromochloromethane	50.000	56.489	-13.0	92	0.00	
57	P	1,2-Dibromoethane	50.000	55.965	-11.9	93	0.00	
58	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00	
59	P	Chlorobenzene	50.000	48.603	2.8	92	0.00	
60		1,1,1,2-Tetrachloroethane	50.000	50.280	-0.6	93	0.00	
61	P	Ethylbenzene	50.000	50.723	-1.4	92	0.00	
62	P	m,p-Xylene	100.000	103.819	-3.8	94	0.00	
63	P	o-Xylene	50.000	50.410	-0.8	92	0.00	
64	P	Styrene	50.000	50.462	-0.9	94	0.00	
65	P	Bromoform	50.000	47.595	4.8	92	0.00	
66	P	Isopropylbenzene	50.000	52.253	-4.5	94	0.00	
67		1,2,3-Trichloropropane	50.000	45.309	9.4	97	0.00	
68	S	4-Bromofluorobenzene	30.000	29.734	0.9	91	0.00	
69		Bromobenzene	50.000	50.429	-0.9	94	0.00	
70	P	1,1,2,2-Tetrachloroethane	50.000	46.108	7.8	92	0.00	
71		n-Propylbenzene	50.000	48.420	3.2	95	0.00	
72		2-Chlorotoluene	50.000	51.205	-2.4	95	0.00	
73		4-Chlorotoluene	50.000	50.058	-0.1	95	0.00	
74		1,3,5-Trimethylbenzene	50.000	48.755	2.5	94	0.00	
75		tert-Butylbenzene	50.000	46.671	6.7	97	0.00	
76		1,2,4-Trimethylbenzene	50.000	45.368	9.3	96	0.00	
77		sec-Butylbenzene	50.000	44.678	10.6	98	0.00	
78		p-Isopropyltoluene	50.000	43.160	13.7	97	0.00	
79	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00	
80	P	1,3-Dichlorobenzene	50.000	45.194	9.6	96	0.00	
81	P	1,4-Dichlorobenzene	50.000	44.328	11.3	97	0.00	
82		n-Butylbenzene	50.000	43.420	13.2	98	0.00	
83	P	1,2-Dichlorobenzene	50.000	42.288	15.4	97	0.00	
84	UN	Tetraethyllead	-1.000	0.000	0.0	0	0.00	
85	P	1,2-Dibromo-3-Chloropropane	50.000	45.881	8.2	99	0.00	
86	P	1,2,4-Trichlorobenzene	50.000	42.242	15.5	97	0.00	
87		1,2,3-Trichlorobenzene	50.000	44.758	10.5	97	0.00	
88		Hexachlorobutadiene	50.000	40.724	18.6	98	0.00	
89		Naphthalene	50.000	45.626	8.7	94	0.00	

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
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QLast Update : Thu Dec 09 11:02:01 2021
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

12/14/21 BB

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	83	0.00
2	P	Dichlorodifluoromethane	0.158	0.156	1.3	85	0.00
3	P	Chloromethane	0.164	0.163	0.6	90	0.00
4	P	Vinyl chloride	0.215	0.234	-8.8	93	0.00
5	P	Bromomethane	0.164	0.166	-1.2	94	0.00
6	P	Chloroethane	0.110	0.121	-10.0	93	0.00
7	P	Trichlorofluoromethane	0.453	0.518	-14.3	93	0.00
8		Ethyl ether	0.170	0.181	-6.5	91	0.00
9	P	Freon 113	0.289	0.329	-13.8	93	0.00
10	P	1,1-Dichloroethene	0.433	0.479	-10.6	91	0.00
11	P	Acetone	0.170	0.154	9.4	89	0.00
12		Isopropyl Alcohol	0.000	0.000	0.0	0#	0.00
13	P	Carbon disulfide	0.864	0.935	-8.2	91	0.00
14	P	Methyl acetate	0.079	0.092#	-16.5	91	0.00
15	P	Methylene chloride	0.237	0.259	-9.3	94	0.00
16		Acrylonitrile	0.050	0.060	-20.0	99	0.00
17		tert-Butyl Alcohol	0.027	0.028	-3.7	95	0.00
18	P	Methyl tert-butyl Ether	0.533	0.558	-4.7	92	0.00
19	P	trans-1,2-Dichloroethene	0.398	0.452	-13.6	93	0.00
20	P	1,1-Dichloroethane	0.491	0.546	-11.2	93	0.00
21		Vinyl acetate	0.195	0.201	-3.1	86	0.00
22		2,2-Dichloropropane	0.358	0.408	-14.0	94	0.00
23	P	2-Butanone	0.049	0.049#	0.0	87	0.00
24	P	cis-1,2-Dichloroethene	0.338	0.372	-10.1	93	0.00
25		Bromochloromethane	0.155	0.171	-10.3	94	0.00
26	P	Chloroform	0.510	0.565	-10.8	93	0.00
27	S	Pentafluorobenzene	0.633	0.685	-8.2	90	0.00
28		Tetrahydrofuran	0.054	0.061	-13.0	93	0.00
29	P	1,1,1-Trichloroethane	0.442	0.502	-13.6	93	0.00
30	P	Cyclohexane	0.479	0.544	-13.6	93	0.00
31	S	1,2-Dichloroethane-d4	0.221	0.224	-1.4	85	0.00
32	P	Carbon Tetrachloride	0.410	0.472	-15.1	95	0.00
33	P	Benzene	1.139	1.277	-12.1	94	0.00
34	P	1,2-Dichloroethane	0.324	0.350	-8.0	92	0.00
35	P	Trichloroethene	0.365	0.412	-12.9	94	0.00
36		tert-Butyl Acetate	0.000	0.021	0.0	0#	0.20
37	P	Methylcyclohexane	0.531	0.604	-13.7	92	0.00
38		1,4-Dioxane	0.003	0.003	0.0	92	0.00
39	UN	Ethyl acetate	0.000	0.000	0.0	0#	0.00
40	P	1,2-Dichloropropane	0.286	0.319	-11.5	93	0.00
41	UN	Isobutyl alcohol	0.000	0.000	0.0	0#	0.00
42		Dibromomethane	0.155	0.171	-10.3	92	0.00
43	P	Bromodichloromethane	0.368	0.407	-10.6	93	0.00
44		2-Chloroethyl vinyl Ether	0.001	0.001	0.0	81	0.00
45	UN	Isopropyl acetate	0.000	0.000	0.0	0#	-0.06
46		1,1-Dichloropropene	0.409	0.465	-13.7	94	0.00

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	P	cis-1,3-Dichloropropene	0.405	0.449	-10.9	92	0.00
48	P	4-Methyl-2-pentanone	0.085	0.101	-18.8	99	0.00
49	S	Toluene-D8	0.742	0.812	-9.4	90	0.00
50	P	Toluene	1.021	1.180	-15.6	93	0.00
51	P	trans-1,3-Dichloropropene	0.310	0.340	-9.7	91	0.00
52	P	1,1,2-Trichloroethane	0.209	0.230	-10.0	93	0.00
53		1,3-Dichloropropane	0.291	0.321	-10.3	91	0.00
54	P	Tetrachloroethene	0.382	0.440	-15.2	95	0.00
55	P	2-Hexanone	0.220	0.274	-24.5#	101	0.00
56	P	Dibromochloromethane	0.251	0.284	-13.1	92	0.00
57	P	1,2-Dibromoethane	0.179	0.201	-12.3	93	0.00
58	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
59	P	Chlorobenzene	1.240	1.205	2.8	92	0.00
60		1,1,1,2-Tetrachloroethane	0.503	0.506	-0.6	93	0.00
61	P	Ethylbenzene	1.669	1.693	-1.4	92	0.00
62	P	m,p-Xylene	0.580	0.602	-3.8	94	0.00
63	P	o-Xylene	0.517	0.521	-0.8	92	0.00
64	P	Styrene	0.770	0.777	-0.9	94	0.00
65	P	Bromoform	0.290	0.276	4.8	92	0.00
66	P	Isopropylbenzene	1.273	1.330	-4.5	94	0.00
67		1,2,3-Trichloropropane	0.099	0.089	10.1	97	0.00
68	S	4-Bromofluorobenzene	0.259	0.257	0.8	91	0.00
69		Bromobenzene	0.402	0.406	-1.0	94	0.00
70	P	1,1,2,2-Tetrachloroethane	0.368	0.339	7.9	92	0.00
71		n-Propylbenzene	1.381	1.337	3.2	95	0.00
72		2-Chlorotoluene	0.325	0.333	-2.5	95	0.00
73		4-Chlorotoluene	0.317	0.318	-0.3	95	0.00
74		1,3,5-Trimethylbenzene	1.065	1.039	2.4	94	0.00
75		tert-Butylbenzene	0.229	0.213	7.0	97	0.00
76		1,2,4-Trimethylbenzene	1.129	1.024	9.3	96	0.00
77		sec-Butylbenzene	1.239	1.107	10.7	98	0.00
78		p-Isopropyltoluene	1.275	1.100	13.7	97	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
80	P	1,3-Dichlorobenzene	2.299	2.078	9.6	96	0.00
81	P	1,4-Dichlorobenzene	2.342	2.076	11.4	97	0.00
82		n-Butylbenzene	4.665	4.051	13.2	98	0.00
83	P	1,2-Dichlorobenzene	2.322	1.964	15.4	97	0.00
84	UN	Tetraethyllead	0.000	0.000	0.0	0#	0.00
85	P	1,2-Dibromo-3-Chloropropane	0.451	0.413	8.4	99	0.00
86	P	1,2,4-Trichlorobenzene	2.621	2.215	15.5	97	0.00
87		1,2,3-Trichlorobenzene	2.701	2.418	10.5	97	0.00
88		Hexachlorobutadiene	1.438	1.171	18.6	98	0.00
89		Naphthalene	6.416	5.855	8.7	94	0.00

Evaluate Continuing Calibration Report

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06032.D
Acq On : 14 Dec 2021 11:15 am
Operator : Bill Brew
Sample : 50ppb mega CC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 11:33:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06033.D
Acq On : 14 Dec 2021 11:34 am
Operator : Bill Brew
Sample : 1ppb RLStd
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 11:51:37 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 15:13

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.531	96	674305	50.00	ug/L		0.00
58) Chlorobenzene-d5	8.711	117	333481	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	135797	50.00	ug/L		0.00
System Monitoring Compounds							
27) Pentafluorobenzene	4.910	168	285225	33.40	ug/L		0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 111.33%				
31) 1,2-Dichloroethane-d4	5.216	65	94665	31.70	ug/L		0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 105.67%				
49) Toluene-D8	7.132	98	294743	29.44	ug/L		0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 98.13%				
68) 4-Bromofluorobenzene	10.068	95	53079	30.72	ug/L		0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 102.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.550	85	2783	1.30	ug/L		90
3) Chloromethane	1.708	50	3952	1.98	ug/L		99
4) Vinyl chloride	1.801	62	4538	1.57	ug/L		97
5) Bromomethane	2.097	94	4585	2.35	ug/L		95
6) Chloroethane	2.184	64	2571	1.62	ug/L		93
7) Trichlorofluoromethane	2.402	101	8820	1.44	ug/L		99
8) Ethyl ether	2.663	59	2906	1.27	ug/L		89
9) Freon 113	2.859	101	5887	1.51	ug/L		95
10) 1,1-Dichloroethene	2.865	61	9430	1.61	ug/L		92
13) Carbon disulfide	3.071	76	17238	1.48	ug/L		98
14) Methyl acetate	3.216	43	2674	2.50	ug/L	#	77
15) Methylene chloride	3.290	84	7418	2.32	ug/L		96
16) Acrylonitrile	3.528	53	861	1.28	ug/L	#	48
17) tert-Butyl Alcohol	3.418	59	4645m	12.79	ug/L		
18) Methyl tert-butyl Ether	3.534	73	8511	1.19	ug/L		91
19) trans-1,2-Dichloroethene	3.534	61	8941	1.66	ug/L		97
20) 1,1-Dichloroethane	3.917	63	9120	1.38	ug/L		95
21) Vinyl acetate	3.962	43	2875	1.09	ug/L		76
22) 2,2-Dichloropropane	4.444	77	6217	1.29	ug/L		78
23) 2-Butanone	4.473	72	1180	1.94	ug/L	#	1
24) cis-1,2-Dichloroethene	4.444	96	7959	1.74	ug/L		99
25) Bromochloromethane	4.666	128	2944	1.41	ug/L		86
26) Chloroform	4.737	83	10606	1.54	ug/L		93
28) Tetrahydrofuran	4.737	42	3128	4.30	ug/L	#	76
29) 1,1,1-Trichloroethane	4.917	97	7980	1.34	ug/L	#	1
30) Cyclohexane	4.965	56	9111	1.41	ug/L		88
32) Carbon Tetrachloride	5.071	117	7465	1.35	ug/L	#	74
33) Benzene	5.271	78	23065	1.50	ug/L		96
34) 1,2-Dichloroethane	5.290	62	5872	1.34	ug/L		93
35) Trichloroethene	5.888	130	7301	1.48	ug/L		97
37) Methylcyclohexane	6.081	83	9261	1.29	ug/L		89
40) 1,2-Dichloropropane	6.119	63	5114	1.33	ug/L		94
42) Dibromomethane	6.242	93	2881	1.38	ug/L		99
43) Bromodichloromethane	6.389	83	6675	1.35	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06033.D
Acq On : 14 Dec 2021 11:34 am
Operator : Bill Brew
Sample : 1ppb RLStd
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 11:51:37 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

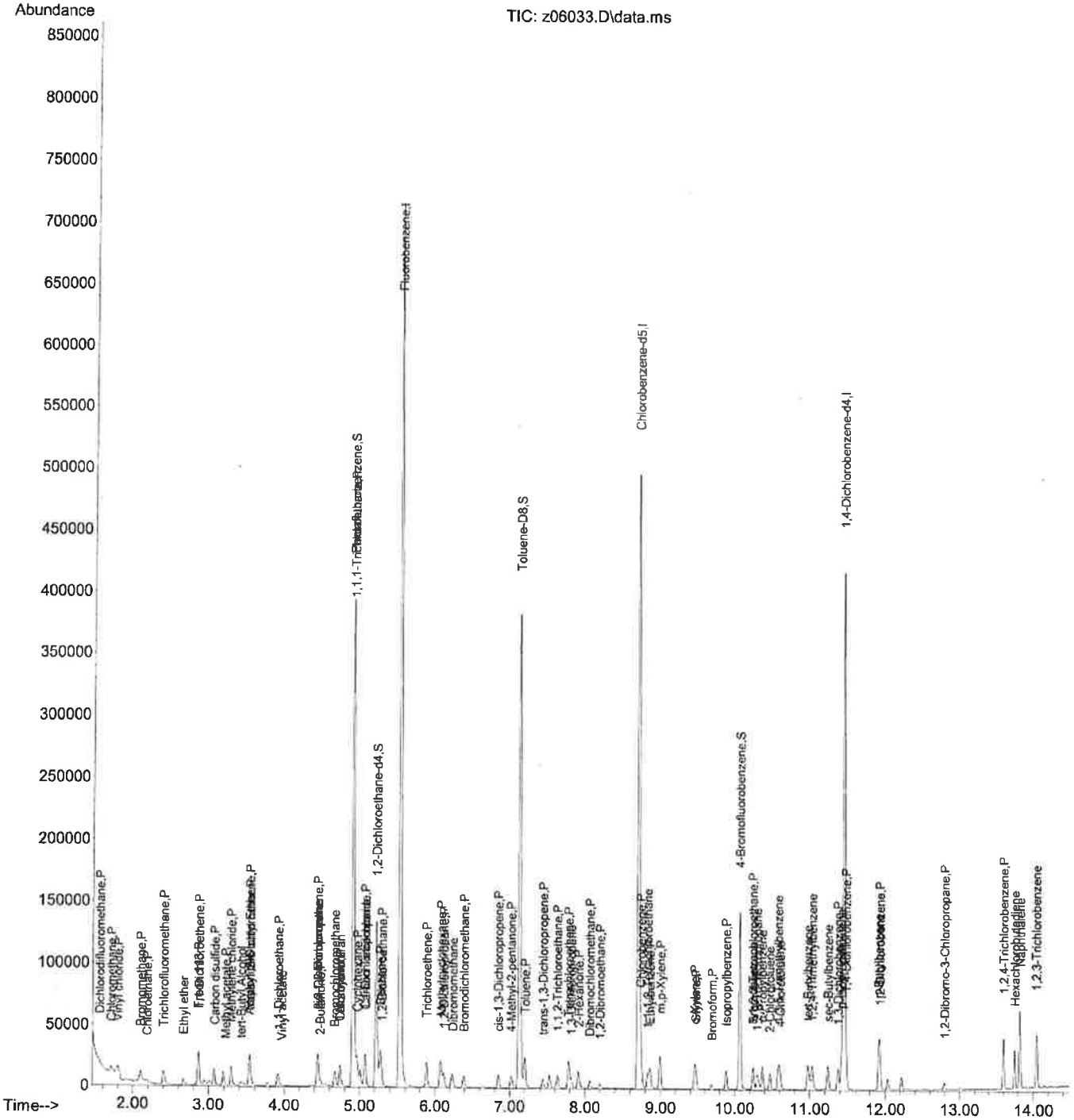
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) 1,1-Dichloropropene	5.071	75	8025	1.45 ug/L	91
47) cis-1,3-Dichloropropene	6.846	75	6564	1.20 ug/L	98
48) 4-Methyl-2-pentanone	7.020	58	2998	2.19 ug/L #	62
50) Toluene	7.203	91	18886	1.37 ug/L	100
51) trans-1,3-Dichloropropene	7.438	75	4908	1.17 ug/L	94
52) 1,1,2-Trichloroethane	7.634	97	3749	1.33 ug/L	90
53) 1,3-Dichloropropane	7.820	76	4913	1.25 ug/L	98
54) Tetrachloroethene	7.785	166	7655	1.48 ug/L	95
55) 2-Hexanone	7.914	43	11354	3.82 ug/L	98
56) Dibromochloromethane	8.065	129	4280	1.26 ug/L #	99
57) 1,2-Dibromoethane	8.200	107	3188	1.32 ug/L #	93
59) Chlorobenzene	8.740	112	10907	1.32 ug/L #	74
60) 1,1,1,2-Tetrachloroethane	8.830	131	4248	1.27 ug/L	93
61) Ethylbenzene	8.862	91	13456	1.21 ug/L	98
62) m,p-Xylene	9.000	106	9066	2.34 ug/L	94
63) o-Xylene	9.454	106	4415	1.28 ug/L	95
64) Styrene	9.470	104	7693	1.50 ug/L	94
65) Bromoform	9.692	173	2312	1.19 ug/L #	92
66) Isopropylbenzene	9.885	105	11802	1.39 ug/L	91
67) 1,2,3-Trichloropropane	10.299	110	1220	1.85 ug/L #	80
69) Bromobenzene	10.245	156	4616	1.72 ug/L	90
70) 1,1,2,2-Tetrachloroethane	10.245	83	3360	1.37 ug/L	87
71) n-Propylbenzene	10.370	91	16056	1.74 ug/L	98
72) 2-Chlorotoluene	10.467	126	1573	0.73 ug/L #	1
73) 4-Chlorotoluene	10.608	126	3597	1.70 ug/L	98
74) 1,3,5-Trimethylbenzene	10.582	105	11242	1.58 ug/L	96
75) tert-Butylbenzene	10.975	134	2626	1.72 ug/L	98
76) 1,2,4-Trimethylbenzene	11.032	105	13446	1.79 ug/L	93
77) sec-Butylbenzene	11.241	105	15891	1.92 ug/L	96
78) p-Isopropyltoluene	11.418	119	15508	1.82 ug/L	99
80) 1,3-Dichlorobenzene	11.373	146	9116	1.46 ug/L	97
81) 1,4-Dichlorobenzene	11.479	146	10028	1.58 ug/L #	85
82) n-Butylbenzene	11.913	91	20019	1.58 ug/L	98
83) 1,2-Dichlorobenzene	11.930	146	10059	1.60 ug/L	94
85) 1,2-Dibromo-3-Chloropr...	12.798	157	1851	1.51 ug/L	98
86) 1,2,4-Trichlorobenzene	13.598	180	12941	1.82 ug/L	99
87) 1,2,3-Trichlorobenzene	14.048	180	14430	1.97 ug/L	96
88) Hexachlorobutadiene	13.749	225	6373	1.63 ug/L	95
89) Naphthalene	13.827	128	47205	2.71 ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06033.D
Acq On : 14 Dec 2021 11:34 am
Operator : Bill Brew
Sample : 1ppb RLStd
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 11:51:37 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



211208.M Tue Dec 14 11:52:13 2021 Page: 3

VOLATILE ORGANICS

RAW QC DATA

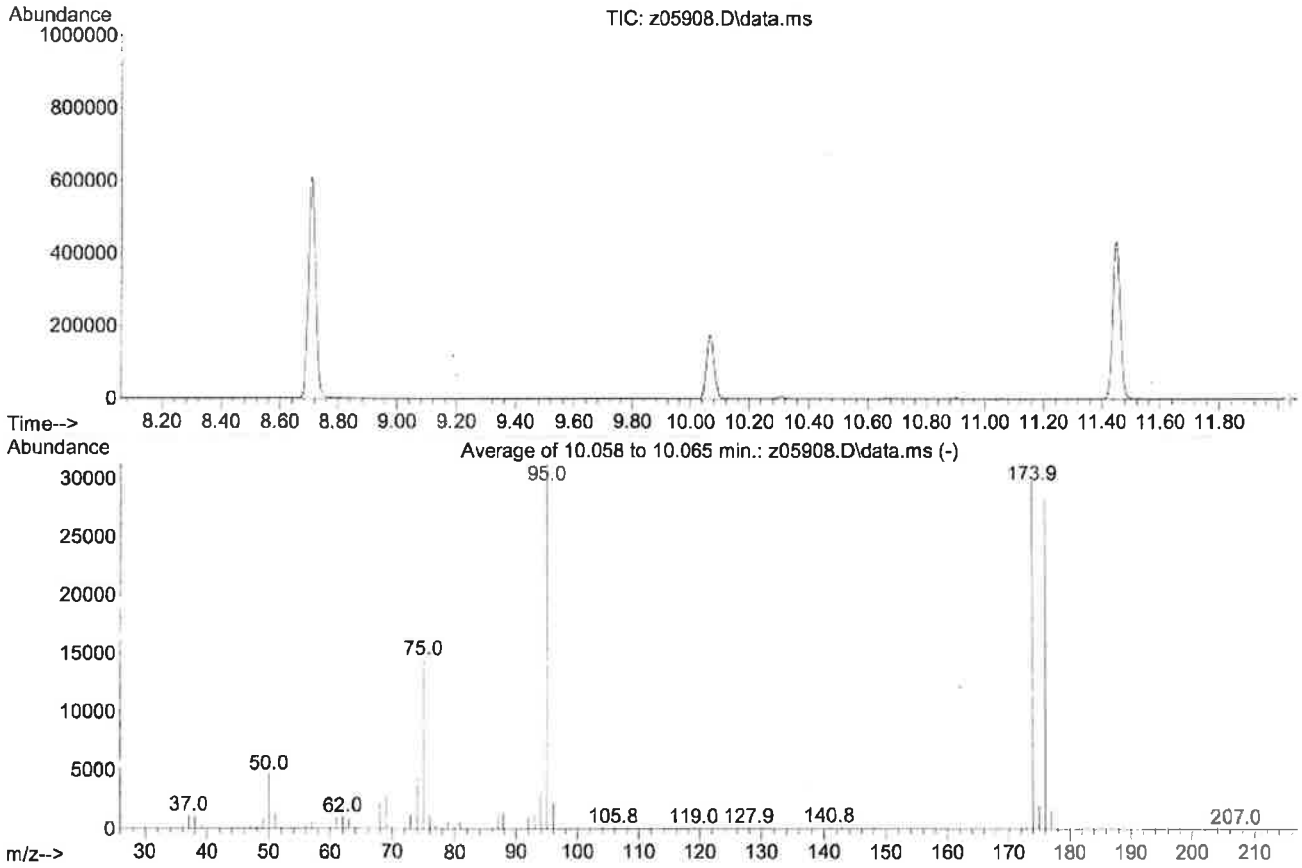
BFB

Data Path : D:\MassHunter\GCMS\1\data\211208\
Data File : z05908.D
Acq On : 08 Dec 2021 10:22 am
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: rteint.p

Method : D:\MassHunter\GCMS\1\methods\211201.M
Title : 8260/624 Analysis
Last Update : Wed Dec 01 13:23:55 2021

12/8/21 BB



Spectrum Information: Average of 10.058 to 10.065 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	4688	PASS
75	95	30	60	48.4	14527	PASS
95	95	100	100	100.0	30009	PASS
96	95	5	9	7.4	2230	PASS
173	174	0.00	2	1.0	292	PASS
174	95	50	100	99.4	29819	PASS
175	174	5	9	6.8	2027	PASS
176	174	95	101	95.0	28328	PASS
177	176	5	9	5.9	1667	PASS

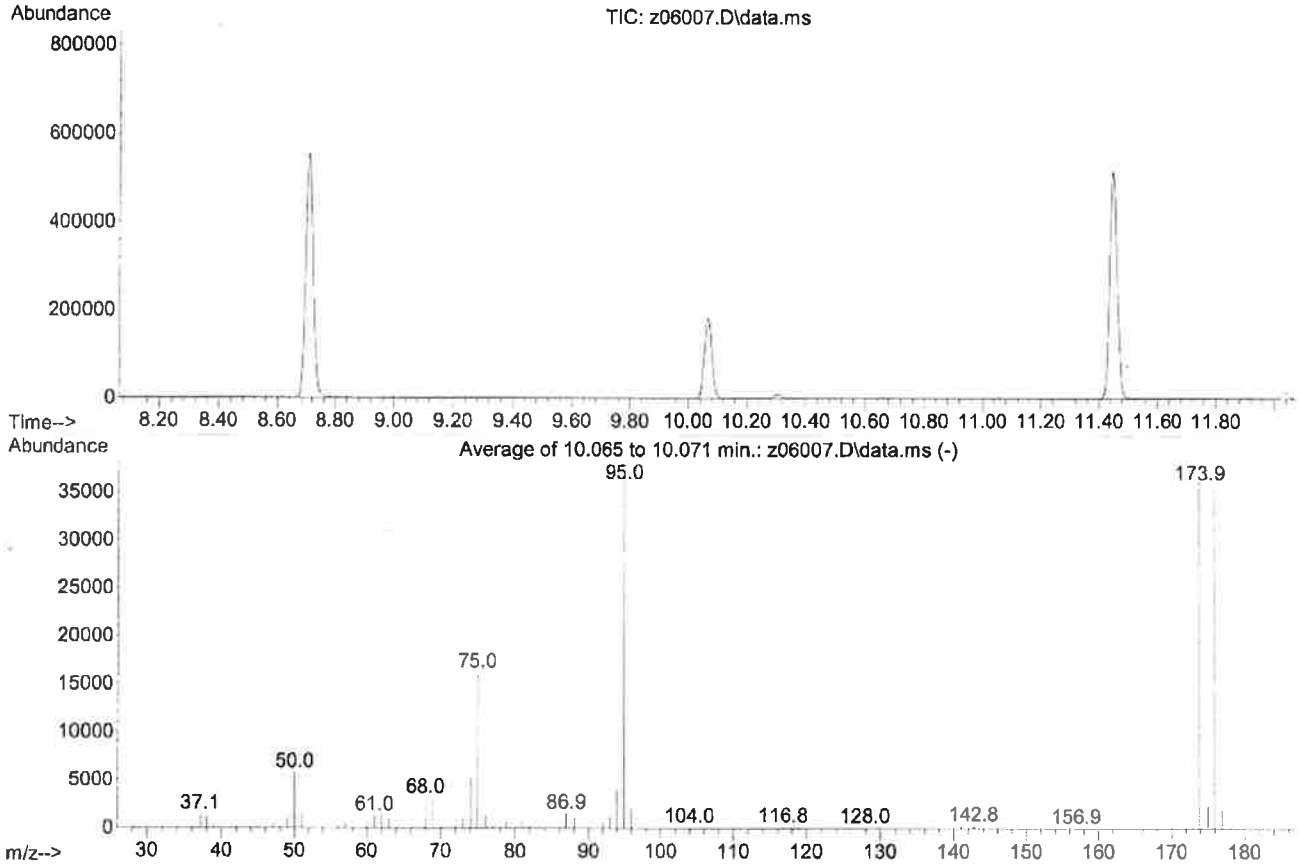
BFB

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06007.D
Acq On : 13 Dec 2021 10:35 am
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : D:\MassHunter\GCMS\1\methods\211208.M
Title : 8260/624 Analysis
Last Update : Thu Dec 09 11:02:01 2021

12/13/21 BB



AutoFind: Scans 2677, 2678, 2679; Background Corrected with Scan 2663

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.9	5795	PASS
75	95	30	60	44.4	16200	PASS
95	95	100	100	100.0	36483	PASS
96	95	5	9	6.6	2391	PASS
173	174	0.00	2	1.0	371	PASS
174	95	50	100	99.3	36219	PASS
175	174	5	9	6.7	2439	PASS
176	174	95	101	97.7	35373	PASS
177	176	5	9	6.5	2300	PASS

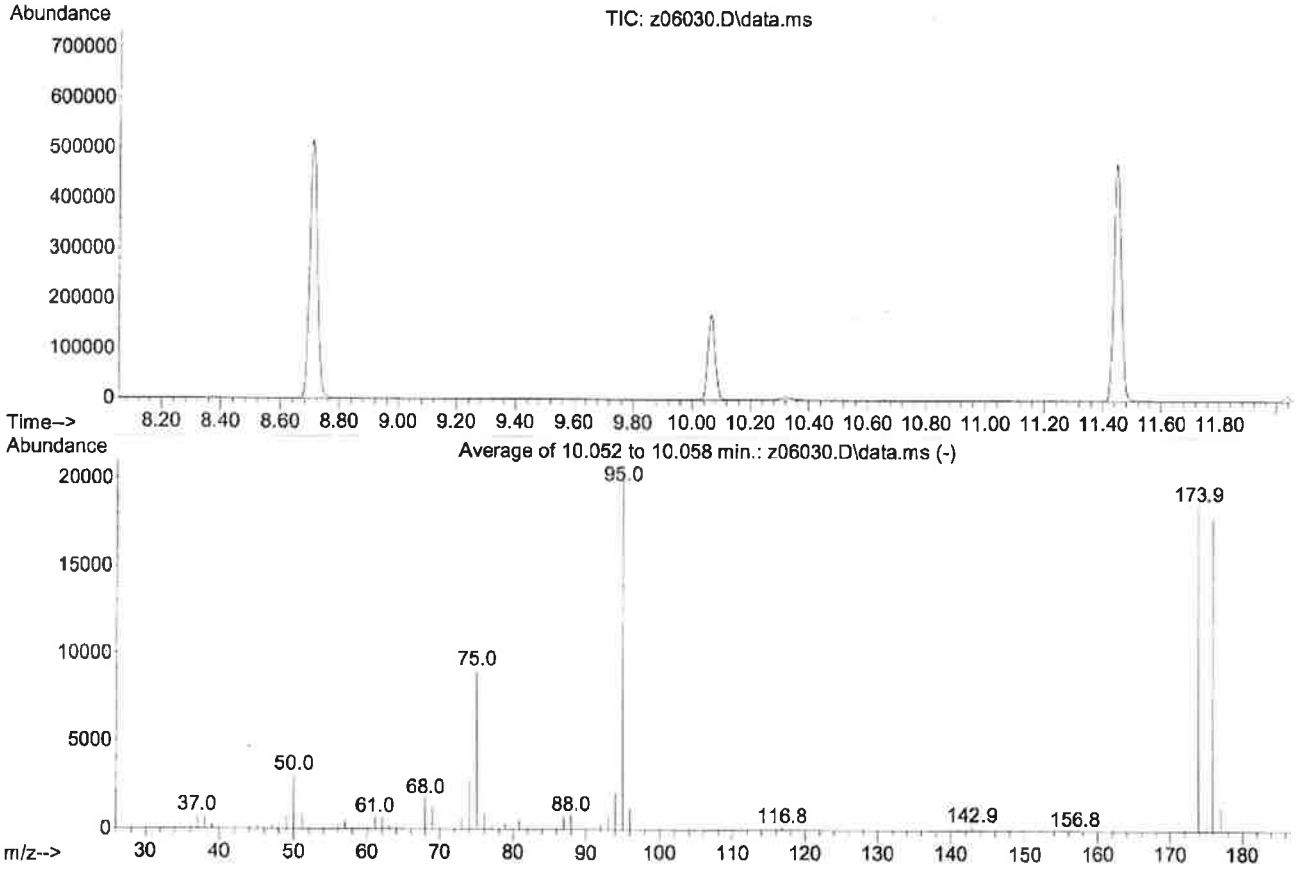
BFB

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06030.D
Acq On : 14 Dec 2021 10:36 am
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : D:\MassHunter\GCMS\1\methods\211208.M
Title : 8260/624 Analysis
Last Update : Thu Dec 09 11:02:01 2021

12/14/21 BB



Spectrum Information: Average of 10.052 to 10.058 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	3079	PASS
75	95	30	60	45.4	9077	PASS
95	95	100	100	100.0	19982	PASS
96	95	5	9	6.2	1230	PASS
173	174	0.00	2	0.3	48	PASS
174	95	50	100	93.1	18609	PASS
175	174	5	9	8.0	1484	PASS
176	174	95	101	96.3	17927	PASS
177	176	5	9	7.8	1403	PASS

New - Velle

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06015.D
Acq On : 13 Dec 2021 01:10 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 09:23:03 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	854010	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	475032	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	142021	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	349461	32.31	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 107.70%			
31) 1,2-Dichloroethane-d4	5.216	65	130785	34.58	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 115.27%			
49) Toluene-D8	7.129	98	441162	34.80	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 116.00%			
68) 4-Bromofluorobenzene	10.068	95	81563	33.14	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 110.47%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	78680	29.11	ug/L	98
3) Chloromethane	1.708	50	63507	25.32	ug/L	98
4) Vinyl chloride	1.801	62	87115	23.77	ug/L	96
5) Bromomethane	2.094	94	63053	25.85	ug/L	96
6) Chloroethane	2.184	64	42940	21.92	ug/L	99
7) Trichlorofluoromethane	2.406	101	172748	22.33	ug/L	97
8) Ethyl ether	2.660	59	59020	20.37	ug/L	92
9) Freon 113	2.859	101	107020	21.65	ug/L	99
10) 1,1-Dichloroethene	2.865	61	141530	19.13	ug/L	95
11) Acetone	2.936	43	29627m	10.69	ug/L	
13) Carbon disulfide	3.068	76	298049	20.21	ug/L	99
15) Methylene chloride	3.293	84	85414	21.08	ug/L	96
16) Acrylonitrile	3.528	53	17224	20.17	ug/L	98
18) Methyl tert-butyl Ether	3.534	73	183836	20.21	ug/L	96
19) trans-1,2-Dichloroethene	3.534	61	140132	20.59	ug/L	94
20) 1,1-Dichloroethane	3.914	63	172302	20.56	ug/L	99
21) Vinyl acetate	3.955	43	65706	19.73	ug/L	96
22) 2,2-Dichloropropane	4.444	77	128483	21.02	ug/L	97
23) 2-Butanone	4.473	72	12350	16.17	ug/L #	73
24) cis-1,2-Dichloroethene	4.444	96	112490	19.46	ug/L	96
25) Bromochloromethane	4.669	128	57668	21.84	ug/L #	89
26) Chloroform	4.734	83	185407	21.27	ug/L	99
28) Tetrahydrofuran	4.734	42	17541	19.03	ug/L	88
29) 1,1,1-Trichloroethane	4.917	97	161447	21.38	ug/L #	58
32) Carbon Tetrachloride	5.071	117	145817	20.81	ug/L #	70
33) Benzene	5.270	78	398812	20.51	ug/L	99
34) 1,2-Dichloroethane	5.287	62	112052	20.26	ug/L	99
35) Trichloroethene	5.888	130	124542	19.96	ug/L	97
38) 1,4-Dioxane	6.296	88	887m	19.60	ug/L	
40) 1,2-Dichloropropane	6.119	63	96451	19.75	ug/L	98
42) Dibromomethane	6.238	93	55581	21.00	ug/L	94
43) Bromodichloromethane	6.389	83	123785	19.69	ug/L	99
46) 1,1-Dichloropropene	5.068	75	140940	20.17	ug/L	97
47) cis-1,3-Dichloropropene	6.846	75	131899	19.09	ug/L	97

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06015.D
Acq On : 13 Dec 2021 01:10 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 10 Sample Multiplier: 1

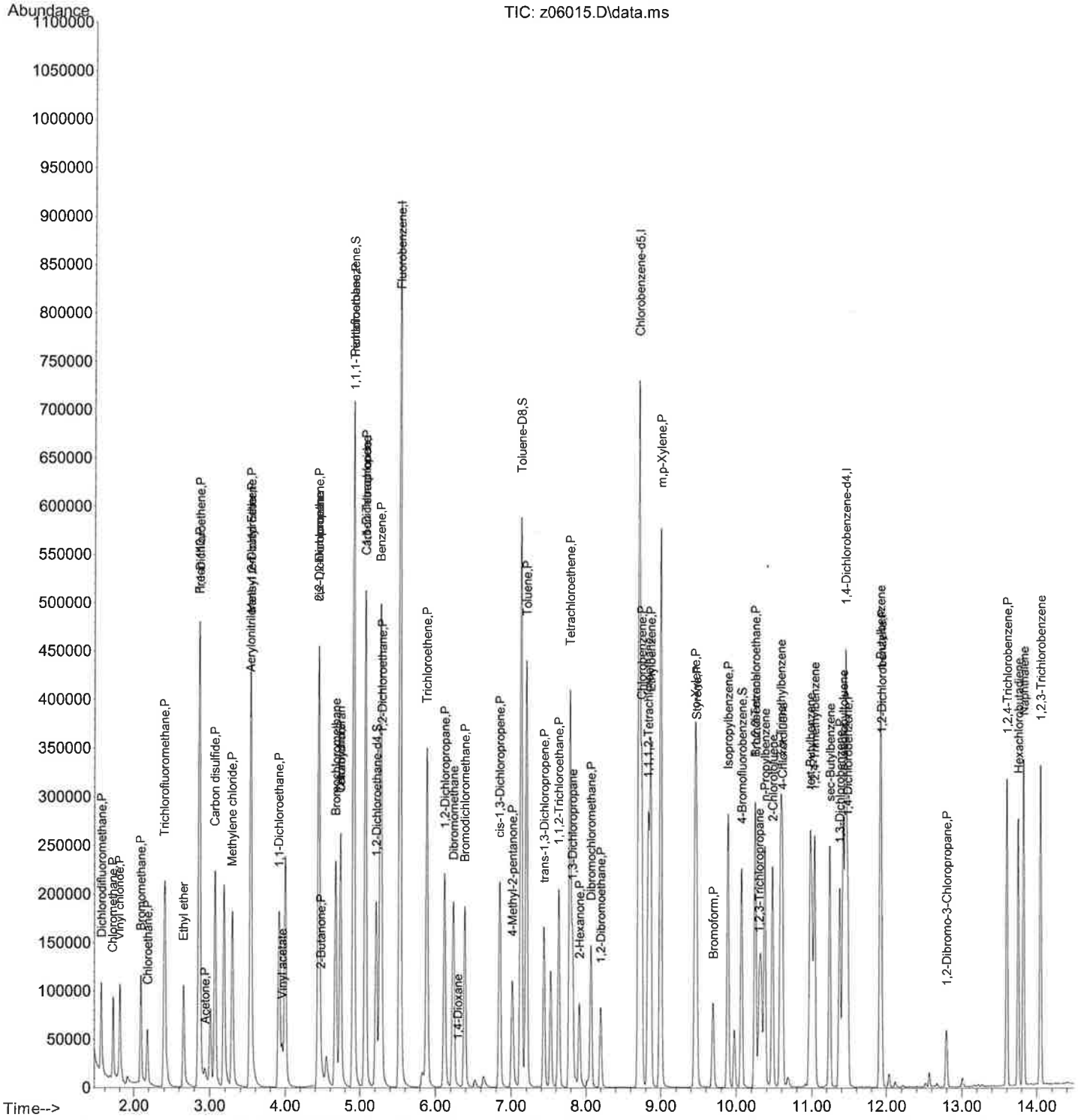
Quant Time: Dec 14 09:23:03 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 4-Methyl-2-pentanone	7.016	58	36552	21.88	ug/L		93
50) Toluene	7.200	91	355090	20.35	ug/L		99
51) trans-1,3-Dichloropropene	7.434	75	98175	18.55	ug/L		99
52) 1,1,2-Trichloroethane	7.634	97	71905	20.10	ug/L		97
53) 1,3-Dichloropropane	7.817	76	99130	19.97	ug/L		99
54) Tetrachloroethene	7.785	166	138855	21.27	ug/L		99
55) 2-Hexanone	7.910	43	64607	17.17	ug/L		99
56) Dibromochloromethane	8.065	129	88143	20.55	ug/L		99
57) 1,2-Dibromoethane	8.196	107	61941	20.21	ug/L		99
59) Chlorobenzene	8.740	112	204001	17.32	ug/L		98
60) 1,1,1,2-Tetrachloroethane	8.830	131	84690	17.72	ug/L		98
61) Ethylbenzene	8.862	91	273991	17.28	ug/L		98
62) m,p-Xylene	8.997	106	188644	34.25	ug/L		99
63) o-Xylene	9.454	106	87667	17.84	ug/L		100
64) Styrene	9.470	104	127517	17.43	ug/L		98
65) Bromoform	9.692	173	49072	17.79	ug/L		99
66) Isopropylbenzene	9.884	105	212729	17.59	ug/L		98
67) 1,2,3-Trichloropropane	10.296	110	14938	15.93	ug/L		94
69) Bromobenzene	10.245	156	68652	17.96	ug/L		94
70) 1,1,2,2-Tetrachloroethane	10.245	83	59034	16.90	ug/L		98
71) n-Propylbenzene	10.373	91	217334	16.56	ug/L		97
72) 2-Chlorotoluene	10.476	126	53922	17.47	ug/L		96
73) 4-Chlorotoluene	10.605	126	52513	17.42	ug/L		97
74) 1,3,5-Trimethylbenzene	10.582	105	161184	15.92	ug/L		99
75) tert-Butylbenzene	10.975	134	34430	15.85	ug/L	#	92
76) 1,2,4-Trimethylbenzene	11.032	105	164731	15.36	ug/L		98
77) sec-Butylbenzene	11.241	105	198492	16.86	ug/L		98
78) p-Isopropyltoluene	11.418	119	177955	14.70	ug/L		98
80) 1,3-Dichlorobenzene	11.373	146	105820	16.21	ug/L		99
81) 1,4-Dichlorobenzene	11.479	146	105723	15.89	ug/L		99
82) n-Butylbenzene	11.913	91	194146	14.65	ug/L		98
83) 1,2-Dichlorobenzene	11.929	146	98345	14.91	ug/L		99
85) 1,2-Dibromo-3-Chloropr...	12.794	157	17674	13.81	ug/L		95
86) 1,2,4-Trichlorobenzene	13.598	180	102959	13.83	ug/L		99
87) 1,2,3-Trichlorobenzene	14.048	180	107959	14.07	ug/L		97
88) Hexachlorobutadiene	13.753	225	54979	13.46	ug/L		99
89) Naphthalene	13.827	128	255399	14.01	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06015.D
Acq On : 13 Dec 2021 01:10 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 09:23:03 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



Neu-Velle

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06040.D
Acq On : 14 Dec 2021 01:49 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 14 14:04:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	729148m	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	396592	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	129013	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.910	168	298218	32.30	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 107.67%			
31) 1,2-Dichloroethane-d4	5.216	65	104812	32.46	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 108.20%			
49) Toluene-D8	7.129	98	354068	32.71	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 109.03%			
68) 4-Bromofluorobenzene	10.068	95	63515	30.91	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 103.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.550	85	69424	30.09	ug/L	99
3) Chloromethane	1.708	50	57027	26.64	ug/L	98
4) Vinyl chloride	1.801	62	78471	25.08	ug/L	98
5) Bromomethane	2.094	94	53130	25.50	ug/L	97
6) Chloroethane	2.180	64	39492	23.67	ug/L	99
7) Trichlorofluoromethane	2.405	101	158414	23.99	ug/L	98
8) Ethyl ether	2.659	59	49510	20.02	ug/L	91
9) Freon 113	2.856	101	100399	23.79	ug/L	97
10) 1,1-Dichloroethene	2.865	61	126852	20.09	ug/L	97
11) Acetone	2.936	43	29298	12.94	ug/L	95
13) Carbon disulfide	3.068	76	271755	21.58	ug/L	100
15) Methylene chloride	3.293	84	86647	25.05	ug/L	95
16) Acrylonitrile	3.528	53	17364	23.81	ug/L	96
18) Methyl tert-butyl Ether	3.534	73	152256	19.61	ug/L	96
19) trans-1,2-Dichloroethene	3.534	61	126987	21.85	ug/L	92
20) 1,1-Dichloroethane	3.917	63	156063	21.81	ug/L	99
21) Vinyl acetate	3.958	43	58746	20.66	ug/L	97
22) 2,2-Dichloropropane	4.444	77	113388	21.73	ug/L	98
23) 2-Butanone	4.473	72	13136	20.20	ug/L #	76
24) cis-1,2-Dichloroethene	4.444	96	100359	20.34	ug/L	97
25) Bromochloromethane	4.669	128	48901	21.69	ug/L #	86
26) Chloroform	4.737	83	166844	22.42	ug/L	98
28) Tetrahydrofuran	4.733	42	17917	22.77	ug/L	96
29) 1,1,1-Trichloroethane	4.913	97	145904	22.63	ug/L #	61
32) Carbon Tetrachloride	5.071	117	134228	22.43	ug/L #	68
33) Benzene	5.270	78	348417	20.98	ug/L	99
34) 1,2-Dichloroethane	5.286	62	96969	20.54	ug/L	99
35) Trichloroethene	5.888	130	112258	21.07	ug/L	97
38) 1,4-Dioxane	6.293	88	770m	19.93	ug/L	
40) 1,2-Dichloropropane	6.119	63	85140	20.42	ug/L	98
42) Dibromomethane	6.238	93	47832	21.17	ug/L	96
43) Bromodichloromethane	6.389	83	107423	20.02	ug/L	100
46) 1,1-Dichloropropene	5.068	75	127765	21.41	ug/L	97
47) cis-1,3-Dichloropropene	6.849	75	114602	19.43	ug/L	97

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06040.D
Acq On : 14 Dec 2021 01:49 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 12 Sample Multiplier: 1

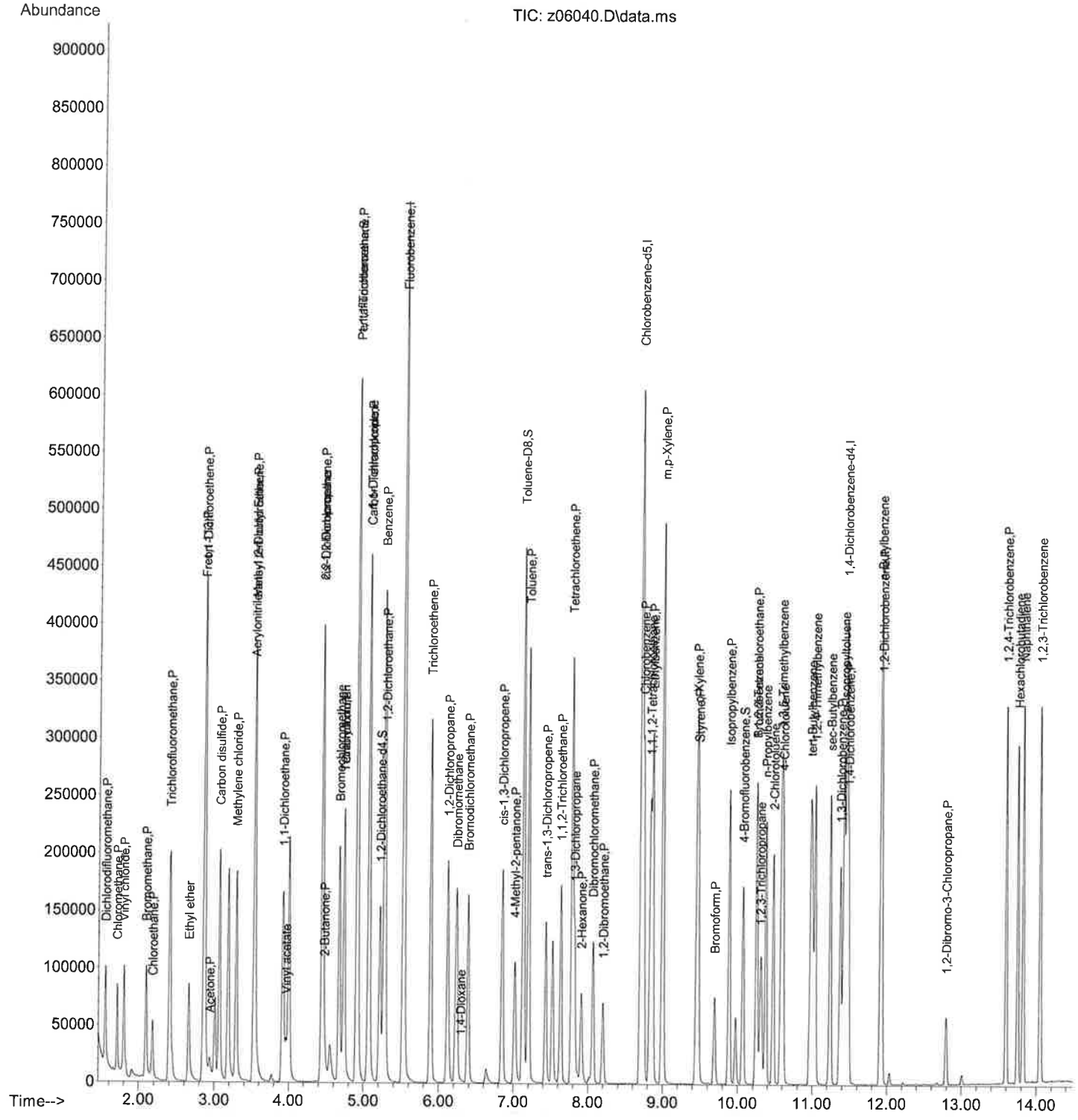
Quant Time: Dec 14 14:04:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 4-Methyl-2-pentanone	7.016	58	34027	23.95	ug/L	99
50) Toluene	7.200	91	307022	20.61	ug/L	99
51) trans-1,3-Dichloropropene	7.434	75	85107	18.83	ug/L	97
52) 1,1,2-Trichloroethane	7.634	97	61802	20.24	ug/L	99
53) 1,3-Dichloropropane	7.820	76	84797	20.01	ug/L	99
54) Tetrachloroethene	7.785	166	122032m	21.89	ug/L	
55) 2-Hexanone	7.910	43	61910	19.27	ug/L	99
56) Dibromochloromethane	8.064	129	74698	20.40	ug/L	99
57) 1,2-Dibromoethane	8.200	107	53572	20.48	ug/L	100
59) Chlorobenzene	8.740	112	173760	17.67	ug/L	97
60) 1,1,1,2-Tetrachloroethane	8.833	131	72424	18.15	ug/L	96
61) Ethylbenzene	8.862	91	236597	17.87	ug/L	97
62) m,p-Xylene	8.997	106	161353	35.09	ug/L	100
63) o-Xylene	9.453	106	74050	18.05	ug/L	97
64) Styrene	9.473	104	113556	18.60	ug/L	99
65) Bromoform	9.688	173	43018	18.68	ug/L	99
66) Isopropylbenzene	9.884	105	189550	18.78	ug/L	99
67) 1,2,3-Trichloropropane	10.296	110	14432	18.43	ug/L	97
69) Bromobenzene	10.244	156	59854	18.76	ug/L	94
70) 1,1,2,2-Tetrachloroethane	10.244	83	54334	18.63	ug/L	97
71) n-Propylbenzene	10.370	91	198236	18.10	ug/L	98
72) 2-Chlorotoluene	10.476	126	48080	18.65	ug/L	97
73) 4-Chlorotoluene	10.605	126	46966	18.67	ug/L	94
74) 1,3,5-Trimethylbenzene	10.582	105	156376	18.51	ug/L	99
75) tert-Butylbenzene	10.974	134	32140	17.72	ug/L	97
76) 1,2,4-Trimethylbenzene	11.032	105	165064	18.44	ug/L	100
77) sec-Butylbenzene	11.238	105	199532	20.30	ug/L	98
78) p-Isopropyltoluene	11.418	119	184402	18.24	ug/L	99
80) 1,3-Dichlorobenzene	11.373	146	97486	16.44	ug/L	99
81) 1,4-Dichlorobenzene	11.479	146	98489	16.30	ug/L	98
82) n-Butylbenzene	11.913	91	206911	17.19	ug/L	98
83) 1,2-Dichlorobenzene	11.929	146	97797	16.32	ug/L	98
85) 1,2-Dibromo-3-Chloropr...	12.794	157	18287	15.73	ug/L	95
86) 1,2,4-Trichlorobenzene	13.598	180	105721	15.63	ug/L	99
87) 1,2,3-Trichlorobenzene	14.048	180	110525	15.86	ug/L	99
88) Hexachlorobutadiene	13.752	225	58136	15.67	ug/L	98
89) Naphthalene	13.826	128	250116	15.11	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06040.D
Acq On : 14 Dec 2021 01:49 pm
Operator : Bill Brew
Sample : LCS
Misc : Water_JVTCL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 14 14:04:20 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		12/13/2021	13:29
1,1,2,2-Tetrachloroethane	<2.00	ug/L		12/13/2021	13:29
1,1,2-Trichloroethane	<2.00	ug/L		12/13/2021	13:29
1,1-Dichloroethane	<2.00	ug/L		12/13/2021	13:29
1,1-Dichloroethene	<2.00	ug/L		12/13/2021	13:29
1,2,3-Trichlorobenzene	<5.00	ug/L		12/13/2021	13:29
1,2,4-Trichlorobenzene	<5.00	ug/L		12/13/2021	13:29
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		12/13/2021	13:29
1,2-Dibromoethane	<2.00	ug/L		12/13/2021	13:29
1,2-Dichlorobenzene	<2.00	ug/L		12/13/2021	13:29
1,2-Dichloroethane	<2.00	ug/L		12/13/2021	13:29
1,2-Dichloropropane	<2.00	ug/L		12/13/2021	13:29
1,3-Dichlorobenzene	<2.00	ug/L		12/13/2021	13:29
1,4-Dichlorobenzene	<2.00	ug/L		12/13/2021	13:29
1,4-Dioxane	<10.0	ug/L		12/13/2021	13:29
2-Butanone	<10.0	ug/L		12/13/2021	13:29
2-Hexanone	<5.00	ug/L		12/13/2021	13:29
4-Methyl-2-pentanone	<5.00	ug/L		12/13/2021	13:29
Acetone	<10.0	ug/L		12/13/2021	13:29
Benzene	<1.00	ug/L		12/13/2021	13:29
Bromochloromethane	<5.00	ug/L		12/13/2021	13:29
Bromodichloromethane	<2.00	ug/L		12/13/2021	13:29
Bromoform	<5.00	ug/L		12/13/2021	13:29
Bromomethane	<2.00	ug/L		12/13/2021	13:29
Carbon disulfide	<2.00	ug/L		12/13/2021	13:29
Carbon Tetrachloride	<2.00	ug/L		12/13/2021	13:29
Chlorobenzene	<2.00	ug/L		12/13/2021	13:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Chloroethane	<2.00	ug/L		12/13/2021	13:29
Chloroform	<2.00	ug/L		12/13/2021	13:29
Chloromethane	<2.00	ug/L		12/13/2021	13:29
cis-1,2-Dichloroethene	<2.00	ug/L		12/13/2021	13:29
cis-1,3-Dichloropropene	<2.00	ug/L		12/13/2021	13:29
Cyclohexane	<10.0	ug/L		12/13/2021	13:29
Dibromochloromethane	<2.00	ug/L		12/13/2021	13:29
Dichlorodifluoromethane	<2.00	ug/L		12/13/2021	13:29
Ethylbenzene	<2.00	ug/L		12/13/2021	13:29
Freon 113	<2.00	ug/L		12/13/2021	13:29
Isopropylbenzene	<2.00	ug/L		12/13/2021	13:29
m,p-Xylene	<2.00	ug/L		12/13/2021	13:29
Methyl acetate	<2.00	ug/L		12/13/2021	13:29
Methyl tert-butyl Ether	<2.00	ug/L		12/13/2021	13:29
Methylcyclohexane	<2.00	ug/L		12/13/2021	13:29
Methylene chloride	<5.00	ug/L		12/13/2021	13:29
o-Xylene	<2.00	ug/L		12/13/2021	13:29
Styrene	<5.00	ug/L		12/13/2021	13:29
Tetrachloroethene	<2.00	ug/L		12/13/2021	13:29
Toluene	<2.00	ug/L		12/13/2021	13:29
trans-1,2-Dichloroethene	<2.00	ug/L		12/13/2021	13:29
trans-1,3-Dichloropropene	<2.00	ug/L		12/13/2021	13:29
Trichloroethene	<2.00	ug/L		12/13/2021	13:29
Trichlorofluoromethane	<2.00	ug/L		12/13/2021	13:29
Vinyl chloride	<2.00	ug/L		12/13/2021	13:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**108**	77.9 - 132		12/13/2021 13:29
4-Bromofluorobenzene	**99.9**	62.6 - 133		12/13/2021 13:29
Pentafluorobenzene	**109**	88.9 - 114		12/13/2021 13:29
Toluene-D8	**103**	75.6 - 117		12/13/2021 13:29

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z06016.D

QC Batch ID: voaw211213

QC Number: Blk 1

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		12/14/2021	14:08
1,1,2,2-Tetrachloroethane	<2.00	ug/L		12/14/2021	14:08
1,1,2-Trichloroethane	<2.00	ug/L		12/14/2021	14:08
1,1-Dichloroethane	<2.00	ug/L		12/14/2021	14:08
1,1-Dichloroethene	<2.00	ug/L		12/14/2021	14:08
1,2,3-Trichlorobenzene	<5.00	ug/L		12/14/2021	14:08
1,2,4-Trichlorobenzene	<5.00	ug/L		12/14/2021	14:08
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		12/14/2021	14:08
1,2-Dibromoethane	<2.00	ug/L		12/14/2021	14:08
1,2-Dichlorobenzene	<2.00	ug/L		12/14/2021	14:08
1,2-Dichloroethane	<2.00	ug/L		12/14/2021	14:08
1,2-Dichloropropane	<2.00	ug/L		12/14/2021	14:08
1,3-Dichlorobenzene	<2.00	ug/L		12/14/2021	14:08
1,4-Dichlorobenzene	<2.00	ug/L		12/14/2021	14:08
1,4-Dioxane	<10.0	ug/L		12/14/2021	14:08
2-Butanone	<10.0	ug/L		12/14/2021	14:08
2-Hexanone	<5.00	ug/L		12/14/2021	14:08
4-Methyl-2-pentanone	<5.00	ug/L		12/14/2021	14:08
Acetone	<10.0	ug/L		12/14/2021	14:08
Benzene	<1.00	ug/L		12/14/2021	14:08
Bromochloromethane	<5.00	ug/L		12/14/2021	14:08
Bromodichloromethane	<2.00	ug/L		12/14/2021	14:08
Bromoform	<5.00	ug/L		12/14/2021	14:08
Bromomethane	<2.00	ug/L		12/14/2021	14:08
Carbon disulfide	<2.00	ug/L		12/14/2021	14:08
Carbon Tetrachloride	<2.00	ug/L		12/14/2021	14:08
Chlorobenzene	<2.00	ug/L		12/14/2021	14:08

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Chloroethane	<2.00	ug/L		12/14/2021	14:08
Chloroform	<2.00	ug/L		12/14/2021	14:08
Chloromethane	<2.00	ug/L		12/14/2021	14:08
cis-1,2-Dichloroethene	<2.00	ug/L		12/14/2021	14:08
cis-1,3-Dichloropropene	<2.00	ug/L		12/14/2021	14:08
Cyclohexane	<10.0	ug/L		12/14/2021	14:08
Dibromochloromethane	<2.00	ug/L		12/14/2021	14:08
Dichlorodifluoromethane	<2.00	ug/L		12/14/2021	14:08
Ethylbenzene	<2.00	ug/L		12/14/2021	14:08
Freon 113	<2.00	ug/L		12/14/2021	14:08
Isopropylbenzene	<2.00	ug/L		12/14/2021	14:08
m,p-Xylene	<2.00	ug/L		12/14/2021	14:08
Methyl acetate	<2.00	ug/L		12/14/2021	14:08
Methyl tert-butyl Ether	<2.00	ug/L		12/14/2021	14:08
Methylcyclohexane	<2.00	ug/L		12/14/2021	14:08
Methylene chloride	<5.00	ug/L		12/14/2021	14:08
o-Xylene	<2.00	ug/L		12/14/2021	14:08
Styrene	<5.00	ug/L		12/14/2021	14:08
Tetrachloroethene	<2.00	ug/L		12/14/2021	14:08
Toluene	<2.00	ug/L		12/14/2021	14:08
trans-1,2-Dichloroethene	<2.00	ug/L		12/14/2021	14:08
trans-1,3-Dichloropropene	<2.00	ug/L		12/14/2021	14:08
Trichloroethene	<2.00	ug/L		12/14/2021	14:08
Trichlorofluoromethane	<2.00	ug/L		12/14/2021	14:08
Vinyl chloride	<2.00	ug/L		12/14/2021	14:08

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Lab Project ID: 215562

SDG #: 5562-01

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**109**	77.9 - 132		12/14/2021 14:08
4-Bromofluorobenzene	**107**	62.6 - 133		12/14/2021 14:08
Pentafluorobenzene	**111**	88.9 - 114		12/14/2021 14:08
Toluene-D8	**103**	75.6 - 117		12/14/2021 14:08

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z06041.D

QC Batch ID: voaw211214

QC Number: Blk 1

Neu-Vella

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06016.D
Acq On : 13 Dec 2021 01:29 pm
Operator : ~~Bill~~ Brew
Sample : Blk
Misc : Water_JVTCL
ALS Vial : ~~11~~ Sample Multiplier: 1

BDL

Quant Time: Dec 14 09:22:14 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

12/14/21 BB

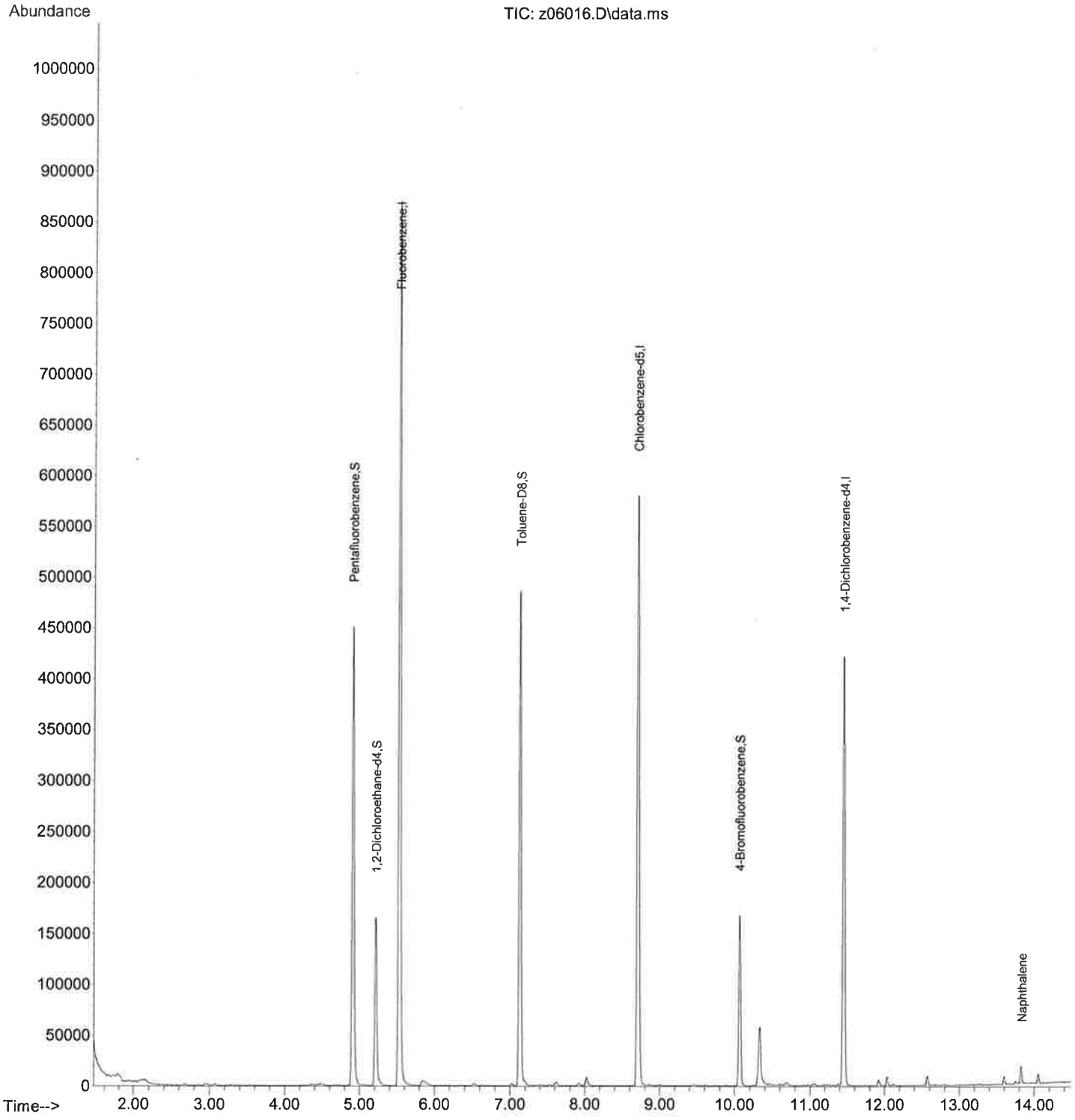
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	810111	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.707	117	382071	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	139596	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.910	168	336740	32.82	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 109.40%			
31) 1,2-Dichloroethane-d4	5.215	65	116483	32.47	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 108.23%			
49) Toluene-D8	7.132	98	370780	30.83	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 102.77%			
68) 4-Bromofluorobenzene	10.067	95	59352	29.98	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 99.93%			
Target Compounds						Qvalue
11) Acetone	2.942	43	3279	Below Cal	< 10	80
89) Naphthalene	13.826	128	13269	0.74	ug/L < 5	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211213\
Data File : z06016.D
Acq On : 13 Dec 2021 01:29 pm
Operator : Bill Brew
Sample : Blk
Misc : Water_JVTCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 14 09:22:14 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



Neu-Velle

Quantitation Report (QT Reviewed)

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06041.D
Acq On : 14 Dec 2021 02:08 pm
Operator : ~~Bill Brew~~
Sample : Blk
Misc : Water_JVTCL
ALS Vial : ~~13~~ Sample Multiplier: 1

BDL

Quant Time: Dec 14 14:28:40 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration

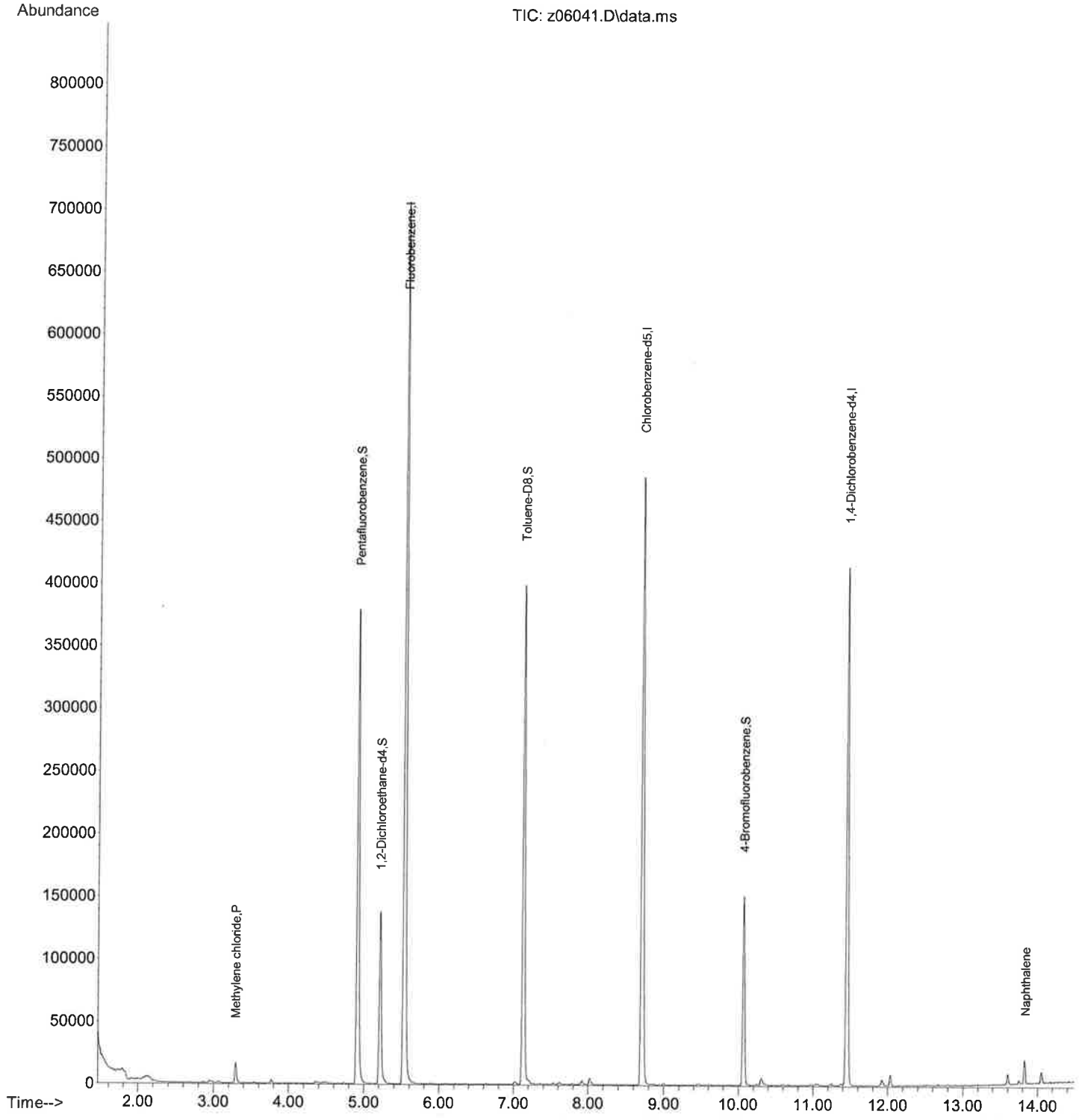
12/14/21 BB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.531	96	662622	50.00	ug/L	0.00
58) Chlorobenzene-d5	8.708	117	326654	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.450	152	137355	50.00	ug/L	0.00
System Monitoring Compounds						
27) Pentafluorobenzene	4.914	168	279201m	33.27	ug/L	0.00
Spiked Amount 30.000	Range 89 - 114		Recovery = 110.90%			
31) 1,2-Dichloroethane-d4	5.213	65	96066	32.73	ug/L	0.00
Spiked Amount 30.000	Range 78 - 132		Recovery = 109.10%			
49) Toluene-D8	7.129	98	302658	30.77	ug/L	0.00
Spiked Amount 30.000	Range 76 - 117		Recovery = 102.57%			
68) 4-Bromofluorobenzene	10.068	95	54173	32.01	ug/L	0.00
Spiked Amount 30.000	Range 63 - 133		Recovery = 106.70%			
Target Compounds						Qvalue
11) Acetone	2.939	43	4365	Below Cal		83
15) Methylene chloride	3.293	84	7635	2.43	ug/L	94
89) Naphthalene	13.823	128	14943	0.85	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\MassHunter\GCMS\1\data\211214\
Data File : z06041.D
Acq On : 14 Dec 2021 02:08 pm
Operator : Bill Brew
Sample : Blk
Misc : Water_JVTCL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 14:28:40 2021
Quant Method : D:\MassHunter\GCMS\1\methods\211208.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Dec 09 11:02:01 2021
Response via : Initial Calibration



GC/MS VOA System 8860/5977B

Initial Calibration Date 12/8/21

Date	GC Method	Vial#	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Initials
12/7/21	8260(UN	15	205901	water	5473-01	5 ml	V1	V624BTEX	S+5	BB
		16	5902		-02					
		17	5903		-02 MS					
		18	5904		-02 MSD					
		20	5905		water				S+10	BB
12/8/21	8260(UN	1	205906		Bromoform Degrade	1 l	23972		S+5	BB
		2	5907		50 ng BFB					
		3	5908							
		4	5909		1 ppb mega Cal	5 ml				
		5	5910		5		updated			
		6	5911		20		12/8/21 BB			
		7	5912		50					
		8	5913		100		(21208.M)			
		9	5914		150					
		10	5915		200					
		11	5916		water					
		12	5917							
		13	5918	soil	LCS/SS Ref	5 ml		VTCL		
		14	5919		BIK				S+10	
		15	5920		215528-01	1.65 g	63-2	V375		
		16	5921		5455-01	1.45 g	G1	VTCL		
		17	5922	water	LCS	5 ml		JV Misc	S+5	
		18	5923		BIK					
		19	5924		5533-01	5 ml	V1	VTCL		
		20	5925		-02					
		21	5926		-03					

1.0ul combined 150ppm Surrogate / 250ppm Internal Standard # 24026/23978 added to each sample 24145/24146 12/8/21 BB

A	R	pH	Res Cl	Comments	Initials
		<2	neg.		BB
		1			
				made new IS/SS	BB
					BB
					BB
		1.00 l		#24144 → 50.0 ml H2O	
		5.00			
		20.0			
		50.0			
		100.			
		150.			
		200.			
		20.0 l		#24129 → 50.0 ml H2O	BB
		(VOAS 21208)			
		20.0 l		#24129 → 50.0 ml H2O	
		(VOAW 21208)			

A=Accepted; R=Rejected

pH and Res Cl recorded for 624 only

GC/MS VOA System 8860/5977B

Initial Calibration Date 12/8/21

Date	GC Method	Vial#	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Initials
12/13/21	8260K VN	1	Z06006		Bromofluorobenzene	1 µl	23972		5+5	BJB
		2	6007		50 ng BFB					
		3	6008		↓					
		4	6009		50 ppb Inorganics cc	5 ml				
		5	6010		1 ppb IC std	↓				
		6	6011	TCLP	LCS			XVOA		
		7	6012	↓	BLK			↓		
		8	6013	↓	215509-01	0.5 ml		↓		
		9	6014	WAQ	BJB DE 5508-01A	5 ml	S3	VTCL		
		10	6015	water	LCS	5 ml		JVTCL		
		11	6016	↓	BLK			↓		
		12	6017		HL PB	0.1 ml		VTCL		
		13	6018	~~WAQ~~	~~5508-01HL~~	~~5 µl~~		~~VTCL~~		
		14	6019	water	5558-01	5 ml	V1	↓		
		15	6020	↓	-02	↓	↓			
		16	6021	↓	-03			↓		
		17	22		5559-01			VSTAKS		
		18	23		-02			↓		
		19	24		-03					
		20	25		-04	↓	↓	↓		
		21	26		215562-05	5 ml	V	JVTCL		
		22	27		-01	↓	V1	↓		
		23	28		-02		↓			
		24	29		-03					
		25	30	↓	-04	↓	↓	↓		
		26	31	TCLP	5505-01A	0.5 ml		XVOA		
		27	32						↓	↓

1.0ul combined 150ppm Surrogate / 250ppm Internal Standard # 24145 / 24146 added to each sample

A	R	pH	Res Cl	Comments	Initials
					BJB
					↓
		5.0	0	* 24144 → 50.0 ml H2O	BJB
		1.0	0	↓	
		20	0	* 24129 → 50.0 ml	
				fluid # 8459	
		(voax	211213)		
				(voah 211213)	
		2.0	0	* 24129 → 50.0 ml H2O	
					↓
				not run	
		(voaw	211213)		BJB
					↓
	X			RL 2.5 ml	
	X			A/S error	↓
	X			A/S error	
	X			↓	
	X				

A=Accepted; R=Rejected

pH and Res Cl recorded for 624 only

GC/MS VOA System 8860/5977B

Initial Calibration Date 12/8/21

Date	GC Method	Vial#	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Initials
12/14/21	8260 KUN	1	206029		Bromoform Degrade	1 ml	23972		S+5	BB
		2	6030		50 ng BFB					
		3	6031		↓					
		4	6032		50 ppb mega CC	5 ml				
		5	6033		1 ppb RL std	↓				
		6	6034	TCLP	LCS			X VOA		
		7	6035		BLK			↓		
		8	6036		215525-01A	0.5 ml				
		9	6037		5599-01A	↓		X BEH2		
		10	6038		5600-01A	↓		↓		
		11	6039	↓	5601-01A	50 ml		↓		
		12	6040	water	LCS	5 ml		JVTCL		
		13	6041		BLK	↓		↓		
		14	6042		5582-01	5 ml	4 comp	V624		
		15	6043		215562-02		V2	JVTCL		
		16	6044		↓ -03					
		17	6045		↓ -04	↓	↓	↓		
		18	6046		5559-04	2.5 ml	V2	VSTAKS		
		19	6047		5577-01	5 ml	V1	VTCL		
		20	6048		5583-01	1 ml		VSTAKS		
		21	6049	↓	5595-01	5 ml	↓	V624		
		22	6050	soil	LCS	5 ml		VSTAKS	↓	
		23	6051		BLK				S+10	
		24	6052		5641-01	1.82g	G3			
		25	6053		↓ -02	1.59g				
		26	6054		↓ -03	1.26g				
	↓	27	6055	↓	↓ -04	1.25g	↓	↓	↓	↓

1.0ul combined 150ppm Surrogate / 250ppm Internal Standard # 24145 / 24146 added to each sample

A	R	pH	Res Cl	Comments	Initials
					BB
					↓
		50.0 ml		#24144 → 50.0 ml H2O	BB
		1.00 ml		↓	
		20.0 ml		#24129 → 50.0 ml	
				fluid #8459	
		(VOAX 2/12/14)			
				Elev. D.L. - NTS	
		20.0 ml		#24129 → 50.0 ml H2O	
		(VOAW 2/12/14)			
		<2 neg.			
		<2 neg.			
		20.0 ml		#24129 → 50.0 ml H2O	
		(VOAS 2/12/14)			

A=Accepted; R=Rejected

pH and Res Cl recorded for 624 only

Appendix D

NEU-VELLE LLC

Low Flow Sampling Data Logs

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	12/ 7 /2021	Personnel	K R Miller / A Rothfuss	Weather	cloudy ± 32°F
Site Name	3130 Monroe Avenue	Evacuation Method	Bladder Pump	Well #	MW 4
Site Location	Pittsford (T), NY	Sampling Method	Bladder Pump	Project #	

Well information:

Depth of Well * 14.43 ft.
Depth to Water * 8.65 ft. 12/7/21 well
Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 13:05

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1310	8.95	13.8	6.91	0.94	-66.3	1.25	35.8	T-100
13:15	9.14	14.0	6.87	0.91	-64.5	1.17	41.8	
13:20	9.40	14.2	6.84	0.86	-34.3	0.90	20.3	
13:25	9.50	14.5	6.83	0.88	-36.4	0.87	12.5	
13:30	9.62	14.3	6.80	0.95	-51.6	0.83	12.6	
13:35	9.72	14.5	6.81	0.99	-59.7	0.82	9.4	
13:40	9.79	14.4	6.77	1.06	-68.0	0.72	10.9	

End Purge Time: 13:40

Water sample:
Time collected: 13:45

Total volume of purged water removed: ± 1 gal

Physical appearance at start
Color clear then gray then clear
Odor slight petro?
Sheen/Free Product No

Physical appearance at sampling
Color clear
Odor slight petro odor ?
Sheen/Free Product No

"MW4 - 202127"

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	No	HCl	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	12/ 8 /2021	Personnel	K R Miller / A Rothfuss	Weather	Overcast ± 30° F
Site Name	3130 Monroe Avenue	Evacuation Method	Bladder Pump	Well #	MW 3
Site Location	Pittsford (T), NY	Sampling Method	Bladder Pump	Project #	

Well information:

Depth of Well * 14.5' ft. 2" well

Depth to Water * 11.49 ft. 12/7/21

Length of Water Column ~~11.35~~ ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 11:35

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
~~11:45~~	10.72	13.1	7.98	0.64	-22.4	2.34	19.7	75 mL/
11:50	10.98	12.1	8.09	0.67	-7.1	5.86	16.3	±80
11:55	11.36	13.1	8.02	0.69	-0.3	5.82	19.5	
12:00	11.60	13.1	8.03	0.69	5.1	5.81	13.1	
12:05	11.95	13.3	8.01	0.70	-13.7	1.68	9.12	
12:10	12.10	13.3	7.95	0.71	-23.5	1.71	6.85	
12:15	12.25	13.4	7.84	0.73	-46.6	1.73	3.11	
12:20	12.40	13.3	7.82	0.74	-50.8	1.65	3.15	
12:25	12.55	13.2	7.79	0.75	-54.4	1.55	3.22	

End Purge Time: 12:25

Water sample:

Time collected: 12:30

Total volume of purged water removed: ±1.5 gal

Physical appearance at start

Color: clear

Odor: NONE

Sheen/Free Product: NO

Physical appearance at sampling

Color: clear

Odor: NO

Sheen/Free Product: NONE

"MW3-20211208"

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	No	HCl	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 12/ 8 /2021 | Personnel K R Miller / A Rothfuss | Weather snowy, overcast ± 35 °F

Site Name 3130 Monroe Avenue | Evacuation Method Bladder Pump | Well # MW2

Site Location Pittsford (T), NY | Sampling Method Bladder Pump | Project #

Well information: 2" well

Depth of Well * ft.

Depth to Water * No measmt. 12/7/21 (product)

Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: 14:00

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
14:05	12.4	10.2	6.83	2.86	-58.8	1.16	43.5	± 80
14:10	12.55	10.7	6.84	2.77	-65.7	1.85	29.6	
14:15	12.71	10.6	6.88	2.76	-67.9	2.73	18.8	
14:20	12.9	10.7	6.90	2.75	-69.9	2.77	20.2	
14:25	13.08	10.7	6.93	2.74	-63.8	2.76	14.5	
14:30	13.1	10.6	6.88	2.81	-65.5	2.81	12.6	

End Purge Time: 14:30

Water sample:

Time collected: 14:45

Total volume of purged water removed: ± 1 gal

Physical appearance at start

Color lt. gray

Odor petroleum odor

Sheen/Free Product sheen

Physical appearance at sampling

Color clear

Odor petro

Sheen/Free Product sheen

"MW2-20211208"

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	No	HCl	NM

NEU-VELLE, LLC — Low Flow Ground Water Sampling Log

Date	12/ 9 /2021	Personnel	K R Miller / A Rothfuss	Weather	overcast ± 30° F
Site Name	3130 Monroe Avenue	Evacuation Method	Bladder Pump	Well #	MW 1
Site Location	Pittsford (T), NY	Sampling Method	Bladder Pump	Project #	

Well information:

Depth of Well * 12.07 ft. 1" well

Depth to Water * 7.14 ft. 12/9/21

Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

Start Purge Time: ~~12:30~~ 12:30

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
12:35	NM	6.40	6.93	4.15	36.7	1.48	11.0	± 600
12:40	7.16	5.9	6.93	3.70	46.9	1.08	10.99	
12:45	7.15	6.3	6.90	3.67	49.8	0.98	8.76	
12:50	7.16	6.2	6.92	3.50	56.5	0.72	6.62	
12:55	7.17	6.5	6.92	3.51	57.3	0.64	5.87	
13:00	7.16	6.5	6.92	3.50	57.5	0.63	5.47	
13:05	7.17	6.6	6.92	3.51	57.6	0.66	4.97	

End Purge Time: 13:05

Water sample:

Time collected: 13:15

Total volume of purged water removed: ± 0.5 gal

Physical appearance at start

Color: clear

Odor: NONE

Sheen/Free Product: NO

Physical appearance at sampling

Color: clear

Odor: NONE

Sheen/Free Product: NO

" MW 1 - 20211209 "

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml	Glass	2	No	HCl	NM

Appendix E

NEU-VELLE LLC

Data Usability Summary Reports

DATA USABILITY SUMMARY REPORT (DUSR)

3130 Monroe Avenue
Rochester, NY

SDGs: 215562
4 Water Samples and a Trip Blank

Prepared for:

Neu Velle, LLC
1667 Lake Ave., Bldg. 59, Suite 101
Rochester, NY 14615
Attention: Kyle Miller

February 2022

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Tables

REVIEWER'S NARRATIVE
Neu-Velle SDG 215562: 3130 Monroe Ave.

The data associated with this Sample Delivery Group (SDG) 215562, analyzed by Paradigm Environmental Services, Inc. Rochester, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 2/8/2022

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	3130 Monroe Avenue Rochester, NY
SAMPLING DATE:	December 07 – 09, 2021
SAMPLE TYPE:	4 water samples and trip blank
LABORATORY:	Paradigm Environmental Services, Inc. Rochester, NY
SDG No.:	215562

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data packages consists of analytical results for four water samples and trip blank collected on December 07 – 09, 2021. These samples were analyzed for Volatile Organic Compounds (VOCs).

All analyses were performed by Paradigm Environmental Services, Inc., Rochester, NY and analyzed as SDG: 215562. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Table 6-1. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDGs 215562, five samples were analyzed and results were reported for 265 analytes. Five results were rejected. Even though some results were flagged with a "J" as estimated, all other results (99 %) are considered usable. See the summary table for the analyses that have been qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW1-20211209	All analytes	J detects	Surrogate recovery PFB > QC limit	Data are estimated
All samples	1,4-Dioxane	R	ICAL RF < 0.005	Sample data are rejected

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

LAB PROJECT NARRATIVE: 215562
PROJECT NAME: 3130 Monroe Avenue
SDG: 5562-01
CLIENT: Neu-Velle

Four groundwater samples were collected by the client between December 07 and 09, 2021 and were received by the Paradigm laboratory on December 09, 2021. Samples were accompanied by a trip blank. Samples were received under the conditions as noted on the chain-of-custody supplement. The samples were submitted with the Chain-of-Custody requesting the TCL list for Volatiles. All analyses were performed using EPA SW-846 Methods and the associated holding times.

The items noted in this case narrative address compliance with the referenced methods, NYSDOH ELAP rules, and any project specific data quality requirements. These may be different from the usability criteria referenced in any "Functional Guidelines" or other data review standards used by data validators.

GENERAL NOTES

ALL ANALYSES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

VOLATILES

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the "#" symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

Compounds flagged with an "*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table.

Holding times were met for the samples.

Surrogate recoveries for the samples and associated QC were within acceptance limits, with the following exception: Pentafluorobenzene recovered outside of acceptance limits (high) in MW1-20211209. This outlier has been flagged with an "*" on the summary form and the sample report.

Site specific QC was not requested on this SDG. The Laboratory Control Samples recovered within acceptance limits.

The Method Blanks were free from contamination within reportable ranges.

The instrument tunes passed all criteria and samples were within a 12-hour window.

The internal standards areas and retention times were within acceptance ranges for the samples and QC.

All data for the initial calibration was within acceptance limits for the reported analytes.

All continuing calibration data was within acceptance limits for the reported analytes, with the following exceptions: 1,2-Dichlorobenzene and 1,2,4-Trichlorobenzene were out low in the CCV analyzed on December 13, 2021. A single point 1ppb standard was analyzed to verify sensitivity at the reporting limit. This is usable for non-detects only. 2-Hexanone was out high in the CCV analyzed on December 14, 2021. This is usable for non-detects only. All samples were non-detect for these compounds.

(signed) Steven DeVito (date) 12/23/2021
Steven DeVito – Technical Director

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 215562
Client Name: Neu-Velle
Client Project Name: 3130 Monroe Avenue
Client Project #: N/A
SDG No.: 5562-01

Protocol: SW846 Report Due Date: 12/16/2021 Batch Due Date: 1/8/2022

LAB SAMPLE NO.	MATRIX	CLIENT SAMPLE ID	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
215562-01	Groundwater	MW4-20211207	VOAs	12/7/2021	12/9/2021
215562-02	Groundwater	MW3-20211208	VOAs	12/8/2021	12/9/2021
215562-03	Groundwater	MW2-20211208	VOAs	12/8/2021	12/9/2021
215562-04	Groundwater	MW1-20211209	VOAs	12/9/2021	12/9/2021
215562-05	Water	Trip Blank T1084	VOAs	12/6/2021	12/9/2021

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT:	New-Velle LLC	CLIENT:	Same	LAB PROJECT ID: 215562
ADDRESS:	1667 Lake Ave	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14615	CITY: STATE: ZIP:		
PHONE:	(585) 478-1666	PHONE:		Email: kmiller@new-velle.com arothfuss@new-velle.com alm@new-velle.com
ATTN:	Kyle Miller	ATTN:		

PROJECT REFERENCE
3130 Monroe Avenue

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER (Per KM KRH 12/14/21)	MATRIX CODES	NUMBER OF CONTAINERS	TCL VOCs 8260	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/7/21	13:45		X	MW4-20211207	WG	2	X		01
12/8/21	12:30		X	MW3-20211208	WG	2	X		02
12/8/21	14:45		X	MW2-20211208	WG	2	X		03
12/9/21	13:15		X	MW1-20211209	WG	2	X		04
12/6/21				Trip Blank FT1084	W	1	X		05
								6°C iced per KM 12/9/21 @ 1530	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B	X		
Rush 1 day					
Date Needed _____ please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed :	

Kyle Miller & A. Rothfuss 12/7-9/21

Sampled By: Date/Time: 12/9/21 15:30

Relinquished By: Date/Time: 12/9/21 1530

Received By: Mail Date/Time: 12/9/21 1534

Received @ Lab By: Date/Time:

custody seal intact Mail

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

VOLATILE ORGANICS

SAMPLE DATA

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW4-20211207
Lab Sample ID: 215562-01 **Date Sampled:** 12/7/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1,2-Trichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1-Dichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,1-Dichloroethene	< 2.00	ug/L		12/13/2021 17:02
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/13/2021 17:02
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/13/2021 17:02
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/13/2021 17:02
1,2-Dibromoethane	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichloroethane	< 2.00	ug/L		12/13/2021 17:02
1,2-Dichloropropane	< 2.00	ug/L		12/13/2021 17:02
1,3-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,4-Dichlorobenzene	< 2.00	ug/L		12/13/2021 17:02
1,4-Dioxane	< 10.0	ug/L	R	12/13/2021 17:02
2-Butanone	< 10.0	ug/L		12/13/2021 17:02
2-Hexanone	< 5.00	ug/L		12/13/2021 17:02
4-Methyl-2-pentanone	< 5.00	ug/L		12/13/2021 17:02
Acetone	< 10.0	ug/L		12/13/2021 17:02
Benzene	< 1.00	ug/L		12/13/2021 17:02
Bromochloromethane	< 5.00	ug/L		12/13/2021 17:02
Bromodichloromethane	< 2.00	ug/L		12/13/2021 17:02
Bromoform	< 5.00	ug/L		12/13/2021 17:02

Report Prepared Thursday, December 23, 2021

MKP 2/8/2022

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW4-20211207
Lab Sample ID: 215562-01 **Date Sampled:** 12/7/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Bromomethane	< 2.00	ug/L	12/13/2021	17:02
Carbon disulfide	< 2.00	ug/L	12/13/2021	17:02
Carbon Tetrachloride	< 2.00	ug/L	12/13/2021	17:02
Chlorobenzene	< 2.00	ug/L	12/13/2021	17:02
Chloroethane	< 2.00	ug/L	12/13/2021	17:02
Chloroform	< 2.00	ug/L	12/13/2021	17:02
Chloromethane	< 2.00	ug/L	12/13/2021	17:02
cis-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	17:02
cis-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	17:02
Cyclohexane	< 10.0	ug/L	12/13/2021	17:02
Dibromochloromethane	< 2.00	ug/L	12/13/2021	17:02
Dichlorodifluoromethane	< 2.00	ug/L	12/13/2021	17:02
Ethylbenzene	< 2.00	ug/L	12/13/2021	17:02
Freon 113	< 2.00	ug/L	12/13/2021	17:02
Isopropylbenzene	< 2.00	ug/L	12/13/2021	17:02
m,p-Xylene	< 2.00	ug/L	12/13/2021	17:02
Methyl acetate	< 2.00	ug/L	12/13/2021	17:02
Methyl tert-butyl Ether	< 2.00	ug/L	12/13/2021	17:02
Methylcyclohexane	< 2.00	ug/L	12/13/2021	17:02
Methylene chloride	< 5.00	ug/L	12/13/2021	17:02
o-Xylene	< 2.00	ug/L	12/13/2021	17:02
Styrene	< 5.00	ug/L	12/13/2021	17:02
Tetrachloroethene	< 2.00	ug/L	12/13/2021	17:02
Toluene	< 2.00	ug/L	12/13/2021	17:02
trans-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	17:02

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW4-20211207
Lab Sample ID: 215562-01 **Date Sampled:** 12/7/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	17:02
Trichloroethene	< 2.00	ug/L	12/13/2021	17:02
Trichlorofluoromethane	< 2.00	ug/L	12/13/2021	17:02
Vinyl chloride	< 2.00	ug/L	12/13/2021	17:02

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	77.9 - 132		12/13/2021	17:02
4-Bromofluorobenzene	**101**	62.6 - 133		12/13/2021	17:02
Pentafluorobenzene	**110**	88.9 - 114		12/13/2021	17:02
Toluene-D8	**99.0**	75.6 - 117		12/13/2021	17:02

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06027.D

Report Prepared Thursday, December 23, 2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW3-20211208
Lab Sample ID: 215562-02 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 14:47
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 14:47
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 14:47
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 14:47
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 14:47
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 14:47
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 14:47
1,4-Dioxane	< 10.0	ug/L	R	12/14/2021 14:47
2-Butanone	< 10.0	ug/L		12/14/2021 14:47
2-Hexanone	< 5.00	ug/L		12/14/2021 14:47
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 14:47
Acetone	< 10.0	ug/L		12/14/2021 14:47
Benzene	< 1.00	ug/L		12/14/2021 14:47
Bromochloromethane	< 5.00	ug/L		12/14/2021 14:47
Bromodichloromethane	< 2.00	ug/L		12/14/2021 14:47
Bromoform	< 5.00	ug/L		12/14/2021 14:47

Report Prepared Thursday, December 23, 2021

MKP 2/8/2022

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW3-20211208		
Lab Sample ID:	215562-02	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00	ug/L		12/14/2021	14:47
Carbon disulfide	< 2.00	ug/L		12/14/2021	14:47
Carbon Tetrachloride	< 2.00	ug/L		12/14/2021	14:47
Chlorobenzene	< 2.00	ug/L		12/14/2021	14:47
Chloroethane	< 2.00	ug/L		12/14/2021	14:47
Chloroform	< 2.00	ug/L		12/14/2021	14:47
Chloromethane	< 2.00	ug/L		12/14/2021	14:47
cis-1,2-Dichloroethene	**2.02**	ug/L		12/14/2021	14:47
cis-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	14:47
Cyclohexane	< 10.0	ug/L		12/14/2021	14:47
Dibromochloromethane	< 2.00	ug/L		12/14/2021	14:47
Dichlorodifluoromethane	< 2.00	ug/L		12/14/2021	14:47
Ethylbenzene	< 2.00	ug/L		12/14/2021	14:47
Freon 113	< 2.00	ug/L		12/14/2021	14:47
Isopropylbenzene	< 2.00	ug/L		12/14/2021	14:47
m,p-Xylene	< 2.00	ug/L		12/14/2021	14:47
Methyl acetate	< 2.00	ug/L		12/14/2021	14:47
Methyl tert-butyl Ether	< 2.00	ug/L		12/14/2021	14:47
Methylcyclohexane	< 2.00	ug/L		12/14/2021	14:47
Methylene chloride	**4.24**	ug/L	J	12/14/2021	14:47
o-Xylene	< 2.00	ug/L		12/14/2021	14:47
Styrene	< 5.00	ug/L		12/14/2021	14:47
Tetrachloroethene	< 2.00	ug/L		12/14/2021	14:47
Toluene	< 2.00	ug/L		12/14/2021	14:47
trans-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	14:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW3-20211208
Lab Sample ID: 215562-02 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/14/2021	14:47
Trichloroethene	< 2.00	ug/L	12/14/2021	14:47
Trichlorofluoromethane	< 2.00	ug/L	12/14/2021	14:47
Vinyl chloride	< 2.00	ug/L	12/14/2021	14:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**117**	77.9 - 132		12/14/2021	14:47
4-Bromofluorobenzene	**115**	62.6 - 133		12/14/2021	14:47
Pentafluorobenzene	**113**	88.9 - 114		12/14/2021	14:47
Toluene-D8	**107**	75.6 - 117		12/14/2021	14:47

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06043.D

Report Prepared Thursday, December 23, 2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW2-20211208
Lab Sample ID: 215562-03 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 15:06
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:06
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:06
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 15:06
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 15:06
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 15:06
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:06
1,4-Dioxane	~~< 10.0~~	ug/L	R	12/14/2021 15:06
2-Butanone	< 10.0	ug/L		12/14/2021 15:06
2-Hexanone	< 5.00	ug/L		12/14/2021 15:06
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 15:06
Acetone	< 10.0	ug/L		12/14/2021 15:06
Benzene	< 1.00	ug/L		12/14/2021 15:06
Bromochloromethane	< 5.00	ug/L		12/14/2021 15:06
Bromodichloromethane	< 2.00	ug/L		12/14/2021 15:06
Bromoform	< 5.00	ug/L		12/14/2021 15:06

Report Prepared Thursday, December 23, 2021 MKP 2/8/2022

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW2-20211208		
Lab Sample ID:	215562-03	**Date Sampled:**	12/8/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00	ug/L		12/14/2021	15:06
Carbon disulfide	< 2.00	ug/L		12/14/2021	15:06
Carbon Tetrachloride	< 2.00	ug/L		12/14/2021	15:06
Chlorobenzene	< 2.00	ug/L		12/14/2021	15:06
Chloroethane	< 2.00	ug/L		12/14/2021	15:06
Chloroform	< 2.00	ug/L		12/14/2021	15:06
Chloromethane	< 2.00	ug/L		12/14/2021	15:06
cis-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:06
cis-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	15:06
Cyclohexane	< 10.0	ug/L		12/14/2021	15:06
Dibromochloromethane	< 2.00	ug/L		12/14/2021	15:06
Dichlorodifluoromethane	< 2.00	ug/L		12/14/2021	15:06
Ethylbenzene	< 2.00	ug/L		12/14/2021	15:06
Freon 113	< 2.00	ug/L		12/14/2021	15:06
Isopropylbenzene	< 2.00	ug/L		12/14/2021	15:06
m,p-Xylene	< 2.00	ug/L		12/14/2021	15:06
Methyl acetate	< 2.00	ug/L		12/14/2021	15:06
Methyl tert-butyl Ether	< 2.00	ug/L		12/14/2021	15:06
Methylcyclohexane	< 2.00	ug/L		12/14/2021	15:06
Methylene chloride	**3.22**	ug/L	J	12/14/2021	15:06
o-Xylene	< 2.00	ug/L		12/14/2021	15:06
Styrene	< 5.00	ug/L		12/14/2021	15:06
Tetrachloroethene	< 2.00	ug/L		12/14/2021	15:06
Toluene	< 2.00	ug/L		12/14/2021	15:06
trans-1,2-Dichloroethene	< 2.00	ug/L		12/14/2021	15:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW2-20211208
Lab Sample ID: 215562-03 **Date Sampled:** 12/8/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/14/2021	15:06
Trichloroethene	< 2.00	ug/L	12/14/2021	15:06
Trichlorofluoromethane	< 2.00	ug/L	12/14/2021	15:06
Vinyl chloride	< 2.00	ug/L	12/14/2021	15:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**109**	77.9 - 132		12/14/2021	15:06
4-Bromofluorobenzene	**104**	62.6 - 133		12/14/2021	15:06
Pentafluorobenzene	**113**	88.9 - 114		12/14/2021	15:06
Toluene-D8	**105**	75.6 - 117		12/14/2021	15:06

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06044.D

Report Prepared Thursday, December 23, 2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW1-20211209
Lab Sample ID: 215562-04 **Date Sampled:** 12/9/2021
Matrix: Groundwater **Date Received:** 12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1,2-Trichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1-Dichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,1-Dichloroethene	< 2.00	ug/L		12/14/2021 15:26
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:26
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/14/2021 15:26
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/14/2021 15:26
1,2-Dibromoethane	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichloroethane	< 2.00	ug/L		12/14/2021 15:26
1,2-Dichloropropane	< 2.00	ug/L		12/14/2021 15:26
1,3-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,4-Dichlorobenzene	< 2.00	ug/L		12/14/2021 15:26
1,4-Dioxane	~~< 10.0~~	ug/L	R	12/14/2021 15:26
2-Butanone	< 10.0	ug/L		12/14/2021 15:26
2-Hexanone	< 5.00	ug/L		12/14/2021 15:26
4-Methyl-2-pentanone	< 5.00	ug/L		12/14/2021 15:26
Acetone	< 10.0	ug/L		12/14/2021 15:26
Benzene	< 1.00	ug/L		12/14/2021 15:26
Bromochloromethane	< 5.00	ug/L		12/14/2021 15:26
Bromodichloromethane	< 2.00	ug/L		12/14/2021 15:26
Bromoform	< 5.00	ug/L		12/14/2021 15:26

Report Prepared Thursday, December 23, 2021 MKP 2/8/2022

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier:	MW1-20211209		
Lab Sample ID:	215562-04	**Date Sampled:**	12/9/2021
Matrix:	Groundwater	**Date Received:**	12/9/2021

Bromomethane	< 2.00		ug/L			12/14/2021	15:26
Carbon disulfide	< 2.00		ug/L			12/14/2021	15:26
Carbon Tetrachloride	< 2.00		ug/L			12/14/2021	15:26
Chlorobenzene	< 2.00		ug/L			12/14/2021	15:26
Chloroethane	< 2.00		ug/L			12/14/2021	15:26
Chloroform	< 2.00		ug/L			12/14/2021	15:26
Chloromethane	< 2.00		ug/L			12/14/2021	15:26
cis-1,2-Dichloroethene	< 2.00		ug/L			12/14/2021	15:26
cis-1,3-Dichloropropene	< 2.00		ug/L			12/14/2021	15:26
Cyclohexane	< 10.0		ug/L			12/14/2021	15:26
Dibromochloromethane	< 2.00		ug/L			12/14/2021	15:26
Dichlorodifluoromethane	< 2.00		ug/L			12/14/2021	15:26
Ethylbenzene	< 2.00		ug/L			12/14/2021	15:26
Freon 113	< 2.00		ug/L			12/14/2021	15:26
Isopropylbenzene	< 2.00		ug/L			12/14/2021	15:26
m,p-Xylene	< 2.00		ug/L			12/14/2021	15:26
Methyl acetate	< 2.00		ug/L			12/14/2021	15:26
Methyl tert-butyl Ether	< 2.00		ug/L			12/14/2021	15:26
Methylcyclohexane	< 2.00		ug/L			12/14/2021	15:26
Methylene chloride	**4.95**	J	ug/L		J	12/14/2021	15:26
o-Xylene	< 2.00		ug/L			12/14/2021	15:26
Styrene	< 5.00		ug/L			12/14/2021	15:26
Tetrachloroethene	< 2.00		ug/L			12/14/2021	15:26
Toluene	< 2.00		ug/L			12/14/2021	15:26
trans-1,2-Dichloroethene	< 2.00		ug/L			12/14/2021	15:26

Report Prepared Thursday, December 23, 2021

MKP 2/8/2022

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: MW1-20211209
Lab Sample ID: 215562-04 **Date Sampled:** 12/9/2021
Matrix: Groundwater **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		12/14/2021	15:26
Trichloroethene	< 2.00	ug/L		12/14/2021	15:26
Trichlorofluoromethane	< 2.00	ug/L		12/14/2021	15:26
Vinyl chloride	< 2.00	ug/L		12/14/2021	15:26

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**111**	77.9 - 132		12/14/2021	15:26
4-Bromofluorobenzene	**105**	62.6 - 133		12/14/2021	15:26
Pentafluorobenzene	**115**	88.9 - 114	*	12/14/2021	15:26
Toluene-D8	**103**	75.6 - 117		12/14/2021	15:26

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06045.D

Report Prepared Thursday, December 23, 2021

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: Trip Blank T1084
Lab Sample ID: 215562-05 **Date Sampled:** 12/6/2021
Matrix: Water **Date Received:** 12/9/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1,2-Trichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1-Dichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,1-Dichloroethene	< 2.00	ug/L		12/13/2021 16:43
1,2,3-Trichlorobenzene	< 5.00	ug/L		12/13/2021 16:43
1,2,4-Trichlorobenzene	< 5.00	ug/L		12/13/2021 16:43
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		12/13/2021 16:43
1,2-Dibromoethane	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichloroethane	< 2.00	ug/L		12/13/2021 16:43
1,2-Dichloropropane	< 2.00	ug/L		12/13/2021 16:43
1,3-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,4-Dichlorobenzene	< 2.00	ug/L		12/13/2021 16:43
1,4-Dioxane	~~< 10.0~~	ug/L	R	12/13/2021 16:43
2-Butanone	< 10.0	ug/L		12/13/2021 16:43
2-Hexanone	< 5.00	ug/L		12/13/2021 16:43
4-Methyl-2-pentanone	< 5.00	ug/L		12/13/2021 16:43
Acetone	< 10.0	ug/L		12/13/2021 16:43
Benzene	< 1.00	ug/L		12/13/2021 16:43
Bromochloromethane	< 5.00	ug/L		12/13/2021 16:43
Bromodichloromethane	< 2.00	ug/L		12/13/2021 16:43
Bromoform	< 5.00	ug/L		12/13/2021 16:43

Report Prepared Thursday, December 23, 2021

MKP 2/8/2022

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: Trip Blank T1084
Lab Sample ID: 215562-05 **Date Sampled:** 12/6/2021
Matrix: Water **Date Received:** 12/9/2021

Bromomethane	< 2.00	ug/L	12/13/2021	16:43
Carbon disulfide	< 2.00	ug/L	12/13/2021	16:43
Carbon Tetrachloride	< 2.00	ug/L	12/13/2021	16:43
Chlorobenzene	< 2.00	ug/L	12/13/2021	16:43
Chloroethane	< 2.00	ug/L	12/13/2021	16:43
Chloroform	< 2.00	ug/L	12/13/2021	16:43
Chloromethane	< 2.00	ug/L	12/13/2021	16:43
cis-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	16:43
cis-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	16:43
Cyclohexane	< 10.0	ug/L	12/13/2021	16:43
Dibromochloromethane	< 2.00	ug/L	12/13/2021	16:43
Dichlorodifluoromethane	< 2.00	ug/L	12/13/2021	16:43
Ethylbenzene	< 2.00	ug/L	12/13/2021	16:43
Freon 113	< 2.00	ug/L	12/13/2021	16:43
Isopropylbenzene	< 2.00	ug/L	12/13/2021	16:43
m,p-Xylene	< 2.00	ug/L	12/13/2021	16:43
Methyl acetate	< 2.00	ug/L	12/13/2021	16:43
Methyl tert-butyl Ether	< 2.00	ug/L	12/13/2021	16:43
Methylcyclohexane	< 2.00	ug/L	12/13/2021	16:43
Methylene chloride	< 5.00	ug/L	12/13/2021	16:43
o-Xylene	< 2.00	ug/L	12/13/2021	16:43
Styrene	< 5.00	ug/L	12/13/2021	16:43
Tetrachloroethene	< 2.00	ug/L	12/13/2021	16:43
Toluene	< 2.00	ug/L	12/13/2021	16:43
trans-1,2-Dichloroethene	< 2.00	ug/L	12/13/2021	16:43

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 215562

Client: **Neu-Velle**

Project Reference: 3130 Monroe Avenue

Sample Identifier: Trip Blank T1084
Lab Sample ID: 215562-05 **Date Sampled:** 12/6/2021
Matrix: Water **Date Received:** 12/9/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	12/13/2021	16:43
Trichloroethene	< 2.00	ug/L	12/13/2021	16:43
Trichlorofluoromethane	< 2.00	ug/L	12/13/2021	16:43
Vinyl chloride	< 2.00	ug/L	12/13/2021	16:43

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**108**	77.9 - 132		12/13/2021	16:43
4-Bromofluorobenzene	**111**	62.6 - 133		12/13/2021	16:43
Pentafluorobenzene	**110**	88.9 - 114		12/13/2021	16:43
Toluene-D8	**106**	75.6 - 117		12/13/2021	16:43

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z06026.D

Report Prepared Thursday, December 23, 2021

Appendix B

Laboratory QC Documentation

VOLATILE SURROGATE RECOVERY

Lab Name: Paradigm Environmental Services
Lab Project #: 215562
Client Name: Neu-Velle
Client Project Name: 3130 Monroe Avenue
Client Project #: N/A
SDG No.: 5562-01
Matrix: Groundwater
QC Batch: voaw211214

Instrument ID: Instrument1
GC Column 1: DB-624 ID (mm): 0.20 Detector: MSD

	LAB SAMPLE NO.	CLIENT SAMPLE ID	PFB %REC	12DCEd4 %REC	TD8 %REC	4BFB %REC	Total Out
1	Blk 1	N/A	111	109	103	107	0
2	LCS 1	N/A	108	108	109	103	0
3	215562-02	MW3-20211208	113	117	107	115	0
4	215562-03	MW2-20211208	113	109	105	104	0
5	215562-04	MW1-20211209	115 *	111	103	105	1
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

	QC LIMITS %
PFB = Pentafluorobenzene	(88.9 - 114)
12DCEd4 = 1,2-Dichloroethane-d4	(77.9 - 132)
TD8 = Toluene-d8	(75.6 - 117)
4BFB = 4-Bromofluorobenzene	(62.6 - 133)

* Values outside of current required QC limits
D Surrogate diluted out

FORM II VOA

Response Factor Report VOA

Method Path : D:\MassHunter\GCMS\1\methods\
Method File : 211208.M
Title : 8260/624 Analysis
Last Update : Wed Dec 08 14:34:39 2021
Response Via : Initial Calibration

12/8/21 BB

Calibration Files
1 =z05909.D 2 =z05910.D 3 =z05911.D 4 =z05912.D 5 =z05913.D 6 =z05914.D 7 =z05915.D

		Compound	1	2	3	4	5	6	7	Avg	%RSD	
1)	I	Fluorobenzene	----------	ISTD	----------							
2)	P	Dichlorodifluo...	0.206	0.158	0.160	0.153	0.148	0.141	0.143	0.158	13.98	
3)	P	Chloromethane	0.256	0.169	0.154	0.150	0.142	0.141	0.139	0.164	25.51	*
4)	P	Vinyl chloride	0.255	0.224	0.216	0.210	0.207	0.195	0.194	0.215	9.77	
5)	P	Bromomethane	0.238	0.201	0.163	0.146	0.141	0.127	0.132	0.164	24.95	*
6)	P	Chloroethane	0.158	0.106	0.112	0.108	0.104	0.095	0.087	0.110	20.88	*
7)	P	Trichlorofluor...	0.490	0.460	0.444	0.464	0.439	0.440	0.433	0.453	4.40	
8)		Ethyl ether	0.155	0.160	0.159	0.165	0.169	0.180	0.198	0.170	8.89	
9)	P	Freon 113	0.309	0.298	0.287	0.293	0.282	0.278	0.280	0.289	3.83	
10)	P	1,1-Dichloroet...	0.488	0.427	0.422	0.434	0.420	0.420	0.419	0.433	5.74	
11)	P	Acetone	0.357	0.147	0.153	0.144	0.134	0.124	0.136	0.170	48.47	*
12)		Isopropyl Alcohol								0.000	-1.00	
13)	P	Carbon disulfide	1.140	0.889	0.843	0.849	0.781	0.785	0.760	0.864	15.05	
14)	P	Methyl acetate	0.086	0.079	0.075	0.083	0.080	0.074	0.076	0.079#	5.61	
15)	P	Methylene chlo...	0.292	0.246	0.237	0.228	0.223	0.218	0.217	0.237	11.08	
16)		Acrylonitrile	0.064	0.048	0.049	0.051	0.048	0.044	0.046	0.050	12.88	
17)		tert-Butyl Alc...	0.034	0.027	0.026	0.024	0.025	0.026	0.025	0.027	12.15	
18)	P	Methyl tert-bu...	0.528	0.443	0.475	0.504	0.529	0.583	0.667	0.533	13.87	
19)	P	trans-1,2-Dich...	0.406	0.388	0.397	0.401	0.395	0.397	0.405	0.398	1.58	
20)	P	1,1-Dichloroet...	0.531	0.475	0.482	0.484	0.483	0.489	0.492	0.491	3.78	
21)		Vinyl acetate	0.182	0.166	0.184	0.194	0.208	0.235		0.195	12.40	
22)		2,2-Dichloropr...	0.375	0.336	0.337	0.360	0.354	0.365	0.379	0.358	4.71	
23)	P	2-Butanone	0.078	0.049	0.049	0.046	0.044	0.038	0.040	0.049#	27.16	*
24)	P	cis-1,2-Dichlo...	0.374	0.323	0.330	0.331	0.332	0.337	0.342	0.338	4.91	
25)		Bromochloromet...	0.162	0.150	0.156	0.150	0.154	0.156	0.154	0.155	2.61	
26)	P	Chloroform	0.573	0.488	0.501	0.502	0.500	0.502	0.506	0.510	5.52	
27)	S	Pentafluoroben...	0.646	0.639	0.636	0.628	0.623	0.621	0.639	0.633	1.44	
28)		Tetrahydrofuran	0.069	0.053	0.057	0.054	0.050	0.048	0.046	0.054	14.03	
29)	P	1,1,1-Trichlor...	0.468	0.431	0.425	0.446	0.436	0.443	0.445	0.442	3.11	
30)	P	Cyclohexane	0.536	0.468	0.464	0.485	0.461	0.468	0.473	0.479	5.45	
31)	S	1,2-Dichloroet...	0.224	0.228	0.214	0.218	0.222	0.219	0.227	0.221	2.27	
32)	P	Carbon Tetrach...	0.430	0.400	0.398	0.413	0.408	0.410	0.412	0.410	2.60	
33)	P	Benzene	1.240	1.086	1.116	1.128	1.121	1.134	1.145	1.139	4.24	
34)	P	1,2-Dichloroet...	0.350	0.305	0.321	0.316	0.321	0.325	0.329	0.324	4.21	
35)	P	Trichloroethene	0.411	0.353	0.352	0.362	0.357	0.359	0.363	0.365	5.67	
36)		tert-Butyl Ace...								0.000	-1.00	
37)	P	Methylcyclohexane	0.563	0.498	0.514	0.543	0.528	0.531	0.540	0.531	3.97	
38)		1,4-Dioxane			0.003	0.003	0.003	0.003	0.003	0.003	2.04	

RF < 0.005

* curve is not avg. of response factors

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

Appendix F

NEU-VELLE LLC

Institutional Control/Engineering Control (IC/EC) Certification

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C828109**

Site Name Speedy's Cleaners

Site Address: 3130 Monroe Avenue Zip Code: 14618
City/Town: Pittsford
County: Monroe
Site Acreage: 0.293

Reporting Period: November 30, 2020 to November 30, 2021

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	X	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Matt D Lyon 12/10/21

Signature of Owner, Remedial Party or Designated Representative — Date

SITE NO. C828109 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
150.120-1-6	Monroe Oaks LLC	Ground Water Use Restriction Soil Management Plan Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The elements of the institutional and engineering controls are listed below:

1) A site cover (consisting of the building and paved parking lot) currently exists and will be maintained to allow for commercial use of the site.

2) Imposition of an institutional control in the form of an environmental easement for the controlled property that:

a) requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
b) allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
c) restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
d) requires compliance with the Department approved Site Management Plan.

3) A Site Management Plan is required, which includes the following:

A) An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The environmental easement discussed above.

Engineering Controls: The sub-slab depressurization system, and the site cover system discussed above.

This plan includes, but may not be limited to:
a) an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
b) descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
c) a provision for evaluation of the potential for soil vapor intrusion for any new buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
d) a provision for the continued operation, maintenance, and monitoring of the existing sub-slab depressurization system at the on-site building;
e) provisions for the management and inspection of the identified engineering controls;
f) maintaining site access controls and Department notification; and
g) the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

B) A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
a) monitoring of groundwater and indoor air to assess the performance and effectiveness of the remedy;
b) a schedule of monitoring and frequency of submittals to the Department; and
c) monitoring for soil vapor intrusion for any buildings occupied or developed on the site, as may be

required by the Institutional and Engineering Control Plan discussed above.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
150.120-1-6	Vapor Mitigation Cover System

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C828109

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Albert G. Lyons, Jr (print name) at Neu-Velle LLC, 1667 LAKE AVE, Rochester, NY 14615 (print business address),

am certifying as Owner Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Albert G Lyons Jr — 12/10/21

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

EC CERTIFICATIONS

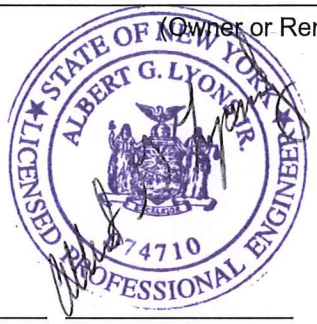
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Albert G. Lyons, Jr. (print name) at Neu-Velle LLC, 1667 LAKE AVE, Rochester, NY 14615 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)



Albert G Lyons — Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

12/10/21 — Date