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Via e-mail

February 23, 2018

Mr. Luis Negron
Project Manager
US EPA-Region 2
Caribbean Environmental Protection Division
City View Plaza II, Suite 7000
Guaynabo, Puerto Rico 00968

**RE: Pfizer Pharmaceuticals, LLC, Barceloneta Site, EPA ID PRD090346909
Groundwater Sampling (Data) Report for January 2018**

Dear Mr. Negron:

On behalf of Pfizer Pharmaceuticals, LLC (PPLLC), please find attached the Groundwater Sampling (Data) Report prepared by ERTEC that summarizes groundwater sampling results for samples collected in January 2018.

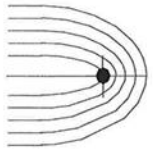
If you have any questions, please don't hesitate to contact me at 908-901-8630 or Wanda Morales with ERTEC at 787-792-8902.

Sincerely,

A handwritten signature in blue ink, reading "William G. Gierke".

William G. Gierke, P.G., Senior Manager
Pfizer Inc.

cc. Ron Schott (Pfizer)
Jorge Esquilin and Ruth Llorens (Pfizer)



ERTEC

**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO**

ERTEC JOB NO. E175487

Prepared for:

**PFIZER GLOBAL ENGINEERING – PFIZER INC.
100 ROUTE 206 NORTH M/S 610
PEAPACK, NJ 07977**

February 23, 2018

Prepared by:

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TABLE OF CONTENTS

	PAGE
1.0 INTRODUCTION.....	1
2.0 FIELD ACTIVITIES	2
2.1 Water Level Measurements	2
2.2 Groundwater Sampling	2
2.3 Investigation Derived Waste.....	3
3.0 SAMPLING AND TEST DATA	3
3.1 Water Level Measurements	4
3.2 Groundwater Samples Analytical Results	4
3.3 Historical Groundwater Data	5
4.0 ACTIVITIES PLANNED	5

FIGURES

1. Site Location Map
2. Monitoring Wells Location
3. VOCs Detections – January 2018

APPENDICES

1. Monitoring Well Sampling Logs
2. Chain of Custody Documentation
3. VOCs Analytical Results
4. Historical Groundwater Monitoring Data
5. Chlorobenzene Concentrations vs. Time Graphs for Monitoring Wells

**GROUNDWATER SAMPLING REPORT –JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO**

Date Prepared: February 23, 2018

Period: January 2018 Groundwater Sampling

Project: RCRA Facility Investigation (RFI)
Pfizer Pharmaceuticals LLC
Barceloneta, Puerto Rico
EPA ID: PRD090346909

Prepared by: Wanda I. Morales
Project Manager

1.0 INTRODUCTION

This report contains a summary of groundwater monitoring and sampling activities performed during January 2018 at the Pfizer Pharmaceuticals LLC (Pfizer) facilities in Barceloneta, Puerto Rico. The site is located at State Road PR-2, Kilometer 58.2, Cruce Dávila Sector of the Municipality of Barceloneta, Puerto Rico. **Figure 1** presents the location of the site on a topographic map corresponding to the Barceloneta quadrangle (scale 1:20,000) and an excerpt of a Google Earth Photo.

Site sampling activities began on January 22, 2018 with a round of water levels from the monitoring wells network. Groundwater samples were obtained on January 24 and 25, 2018 from four (4) monitoring wells.

This report includes a description of the work performed, a summary of data collected and laboratory analytical results for this groundwater sampling event.

2.0 FIELD ACTIVITIES

The following activities were completed in January 2018 specific to groundwater sampling activities in support of the soil vacuum extraction (SVE) pilot study performed by Pfizer for RCRA Corrective Measures evaluation. Separate progress reports are provided for SVE activities/data. The groundwater monitoring network at Pfizer Barceloneta includes five existing monitoring wells: MW-1, MW-2, MW-3, MW-5 and MW-6. Wells locations are shown in **Figure 2**.

2.1 Water Level Measurements

A round of water levels from monitoring wells MW-1, MW-2, MW-3, MW-5 and MW-6 was performed on January 22, 2018. Water levels were measured using an electronic water level probe.

2.2 Groundwater Sampling

Groundwater sampling activities were performed on January 24 and 25, 2018 with samples collected from wells MW-1, MW-2, MW-5 and MW-6. Samples were collected using dedicated bladder pumps following low-flow procedures. Field measurements of temperature, pH, specific conductance, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were performed from each well during purging and sampling activities.

Field parameters were measured with a low flow cell instrument (Troll 9500). Also, total VOCs (or absence thereof) were measured with a portable organic vapor analyzer equipped with a Photoionization detector (PID) at each well head during sampling activities. Monitoring and field parameters (Troll 9500) instruments were calibrated

daily prior to field activities. Monitoring well sampling logs with water sampling data obtained during this sampling event are included in **Appendix 1**.

Groundwater samples collected were analyzed for volatile organic compounds (VOCs) following SW 846 Method 8260B. One (1) field blind duplicate identified as MW-A was collected from sample MW-6. One field blank was collected per day of sampling during the January 2018 groundwater sampling activities. Field blanks were collected with reagent VOA-free water provided by the laboratory. A trip blank was included with each sample shipment to the laboratory.

Groundwater samples were preserved on ice and delivered to Environmental Quality Laboratories (EQLab) of Bayamón, Puerto Rico. Samples collected on January 24 and 25, 2018 were preserved on ice and secure until delivery to the laboratory on January 26, 2018. Proper chain of custody documentation accompanied the samples to the laboratory. Copies of chain of custodies for groundwater samples are included in **Appendix 2**.

2.3 Investigation Derived Waste

Purging and wash water generated during sampling activities were containerized in one (1) UN-approved 30-gallon steel container. Discarded tubing and personnel protective equipment were containerized in one (1) UN-approved 30-gallon steel container.

3.0 SAMPLING AND TEST DATA

The following sections present a summary of sampling and field monitoring data obtained during this period.

3.1 Water Level Measurements

Water level readings obtained during January 22, 2018 and wells dedicated pump installation data from five (5) monitoring wells are summarized in the following table:

TABLE A
WATER LEVEL READINGS – JANUARY 2018

Well ID	Depth of Well Casing ^{1/} (feet)	Depth of Well Pump Intake ^{1/} (feet)	Well Reference Elevation ^{1/} (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)
MW-1	317.00	314.00	308.922	292.62	16.30
MW-2	316.00	314.00	307.817	291.86	15.96
MW-3	296.00	291.00	294.117	272.42	21.70
MW-5	378.00	375.00	315.775	302.12	13.66
MW-6	394.00	387.50	328.026	317.67	10.36

Note:

^{1/} Wells details and pump installation data from TRC report.

3.2 Groundwater Samples Analytical Results

Table B presents a summary of analytical results of groundwater samples collected during January 2018. This table presents a summary of VOCs detected in groundwater samples. No VOCs were detected in any of the QA/QC samples except for acetone in field FB012518 at a concentration of 11.0 micrograms per liter (ug/L).

TABLE B
GROUNDWATER SAMPLES ANALYTICAL RESULTS – JANUARY 2018

Well ID	Collection Date	Acetone (µg/L)	Chlorobenzene (µg/L)
MW-1	01-25-2018	BDL	8.20
MW-2	01-25-2018	6.80	20.4
MW-5	01-24-2018	BDL	ND
MW-6	01-24-2018	BDL	BDL
MW-A ^{1/}	01-24-2018	BDL	BDL

Notes:

^{1/} Field blind duplicate of sample MW-6.

ND Not detected.

BDL Below detection limit.

Figure 3 includes VOCs detected in groundwater samples. Copies of laboratory certified analytical results are included in **Appendix 3**.

3.3 Historical Groundwater Data

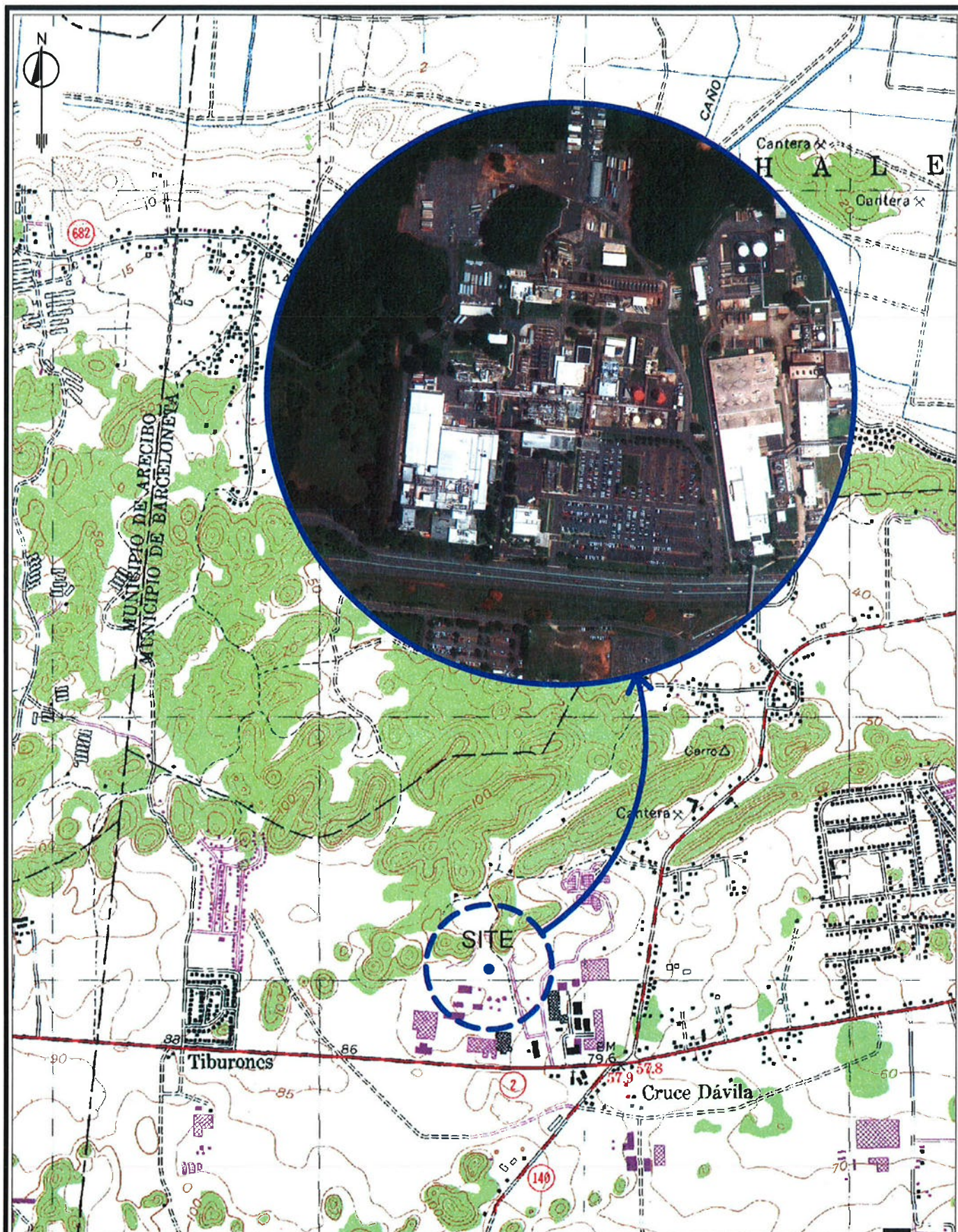
Historical data summary tables for detected compounds as measured in groundwater samples collected from monitoring wells are included in **Appendix 4**. Graphs depicting Chlorobenzene concentrations versus time prepared for each well where a sufficient historical record of detectable concentrations and current data is available are included in **Appendix 5**. Such wells include MW-1, MW-2, MW-5, and MW-6.

4.0 ACTIVITIES PLANNED

Considering results of the January 2018 and 2017 sampling events were all below MCLs, the next groundwater sampling event during year 2018 is tentatively scheduled for July 2018.

FIGURES

**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E175487**



SCALE: 1:20,000

REV.: WM

FILE: FIG 1

DWG. BY: EGN

JOB: E175487

FIGURE 1 - SITE LOCATION MAP
PFIZER PHARMACEUTICALS, LLC
BARCELONETA, PUERTO RICO



SCALE: NTS

REV: WM

FILE: FIG 2

DWG. BY: EGN

JOB: E175487

FIGURE 2 - MONITORING WELL LOCATIONS
PFIZER PHARMACEUTICALS, LLC
BARCELONETA, PUERTO RICO

LEGEND:
MONITORING WELL LOCATIONS





ACETONE (ug/L)	BDL
CHLOROBENZENE (ug/L)	NOT DETECTED

MW-5

ACETONE (ug/L)	BDL
CHLOROBENZENE (ug/L)	8.20

MW-1

MW-2

ACETONE (ug/L)	6.80
CHLOROBENZENE (ug/L)	20.4

SVE
SYSTEM
AREA

MW-3

ACETONE (ug/L)	BDL
CHLOROBENZENE (ug/L)	BDL

MW-6

LEGEND:	MONITORING WELL LOCATIONS
	MW-3
ug/L	MICROGRAMS PER LITER
ND	NOT DETECTED
BDL	BELOW DETECTION LIMIT

SCALE: NTS
REV.: WIM
FILE: FIG 3
DWG. BY: PCR
JOB: E175487

FIGURE 3 - VOCs DETECTIONS - JANUARY 2018
PFIZER PHARMACEUTICALS, LLC
BARCELONETA, PUERTO RICO



APPENDIX 1

MONITORING WELL SAMPLING LOGS

**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E175487**

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location:	Pfizer Barceloneta	Page 1 of 2	
Well ID	MW-1	Date	01/25/18	Well Integrity	Yes No
Time	1025	Weather	Rainy	Protective Casing Secure	✓
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact	✓
Depth to Bottom (ft)	317.00	Installation Date	2003	Security Lock Present	NA
Depth to Water (ft)	292.62	Reference Elevation (ft)	308.922	PID Reading (ppm)	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	16.302	Background	0.0
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Well Mouth	0.0
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM		

Low Flow Data					
Depth of Pump Intake (ft)	314.00	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	380 ml/min	1028
Static WL (ft)	292.62	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	380 ml/min	

	Purging Parameters							
	Start	0.4 gal.	0.4 gal.	0.5 gal.	0.4 gal.	0.4 gal.	0.5 gal.	0.5 gal.
Time (max 5 min)	1030	1034	1038	1043	1047	1051	1056	1101
Flow Rate (ml/min)	380	380	380	380	380	380	380	380
Temp (°C)	27.97	27.71	27.63	27.56	27.23	27.22	27.14	27.04
pH (SU) +/- 0.10 SU	7.02	6.88	6.87	6.90	6.86	6.88	6.87	6.88
Cond. (mS/cm) +/- 3%	1.518	1.501	1.493	1.486	1.498	1.499	1.501	1.506
Turb (NTU) +/- 10%	50.4	39.8	12.2	19.3	7.6	6.9	7.0	7.4
DO (mg/L) +/- 10%	1.98	1.34	1.14	0.96	1.02	1.03	1.00	0.90
ORP (mV) +/- 10 mV	311	327	337	352	374	377	386	400
Depth to Water (ft)	NM	NM	NM	NM	NM	NM	NM	NM
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	Purging Parameters							
	0.5 gal.	0.4 gal.	0.5 gal.	0.5 gal.				
Time (max 5 min)	1106	1110	1115	1120				
Flow Rate (ml/min)	380	380	380	380				
Temp (°C)	26.78	26.76	26.74	26.71				
pH (SU) +/- 0.10 SU	6.86	6.86	6.86	6.86				
Cond. (mS/cm) +/- 3%	1.513	1.513	1.514	1.515				
Turb (NTU) +/- 10%	4.6	5.4	5.0	4.2				
DO (mg/L) +/- 10%	0.98	0.99	0.98	0.98				
ORP (mV) +/- 10 mV	430	433	437	443				
Depth to Water (ft)	NM	NM	NM	NM				
PID (ppm)	0.0	0.0	0.0	0.0				

Sample Data					
Sampling Flow Rate (ml/min):	200	Temp (°C)	26.68	DO (mg/L)	0.99
Sample Time:	1123	pH (SU)	6.80	ORP (mV)	450
Sample ID:	MW-1	Cond. (mS/cm)	1.495	Color	Clear
Duplicate ID:	NA	Turb. (NTU)	7.8	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location:	Pfizer Barceloneta	Page 2 of 2		
Well ID	MW-1	Date	01/25/18	Well Integrity	Yes	No
Time	1025	Weather	Rainy	Protective Casing Secure	✓	
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact	✓	
Depth to Bottom (ft)	317.00	Installation Date	2003	Security Lock Present	NA	
Depth to Water (ft)	292.62	Reference Elevation (ft)	308.922	PID Reading (ppm)		
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	16.302	Background	0.0	
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Well Mouth	0.0	
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM			

Equipment				Decon. Materials		Decon. Procedures
Water Level Indicator	✓	Troll 9500	✓	DI Water	✓	Wash with water/alconox.
Bladder Pump	✓	Air lift controller	✓	Alconox	✓	Rinse with DI water.

TOC - Top of casing	NM - Not measured	°C - Degrees Centigrade	mV - Millivolt
ft - Feet	NA - Not applicable	SU - Standard units	ml - Milliliters
gal/ft - Gallons per foot	ppm - Parts per million	mS/cm - Millisiemens per centimeter	HCl - Hydrochloric acid
gal - Gallons	WL - Water level	NTU - Nephelometric turbidity units	
in - inches	ml/min - Milliliter per minute	mg/L - Milligrams per liter	

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location: Pfizer Barceloneta			Page 1 of 2		
Well ID	MW-2	Date	01/25/18	Well Integrity		Yes	No
Time	1440	Weather	Rainy	Protective Casing Secure		√	
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact		√	
Depth to Bottom (ft)	316.00	Installation Date	2003	Security Lock Present		NA	
Depth to Water (ft)	291.86	Reference Elevation (ft)	307.817				
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.957	PID Reading (ppm)			
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background	0.0		
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM	Well Mouth	0.0		

Low Flow Data					
Depth of Pump Intake (ft)	314.00	Purging (±400 ml/min):	Initial Purge Rate/Time/WL:	390 ml/min	1446
Static WL (ft)	291.86	Sampling (±100-250 ml/min):	Adjusted Purge Rate/Time WL:	390 ml/min	

Purging Parameters								
	Start	0.51 gal.	0.41 gal.	0.41 gal.	0.41 gal.	0.41 gal.	0.41 gal.	0.51 gal.
Time (max 5 min)	1450	1455	1459	1503	1507	1511	1515	1520
Flow Rate (ml/min)	390	390	390	390	390	390	390	390
Temp (°C)	28.08	28.06	28.04	28.00	27.99	27.97	27.99	27.97
pH (SU) +/- 0.10 SU	6.85	6.89	6.85	6.84	6.92	6.78	6.79	6.77
Cond. (mS/cm) +/- 3%	2.153	2.145	2.141	2.138	2.140	2.142	2.164	2.199
Turb (NTU) +/- 10%	9.3	8.8	12.6	6.7	14.9	15.2	11.4	7.4
DO (mg/L) +/- 10%	1.68	1.48	1.39	1.15	1.03	0.80	0.76	0.65
ORP (mV) +/- 10 mV	-50	-58	-59	-69	-74	-77	-78	-79
Depth to Water (ft)	NM	NM	NM	NM	NM	NM	NM	NM
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Purging Parameters								
	0.41 gal.	0.41 gal.	0.51 gal.	0.41 gal.				
Time (max 5 min)	1524	1528	1533	1537				
Flow Rate (ml/min)	390	390	390	390				
Temp (°C)	27.97	27.95	27.97	27.96				
pH (SU) +/- 0.10 SU	6.78	6.79	6.78	6.78				
Cond. (mS/cm) +/- 3%	2.165	2.150	2.140	2.136				
Turb (NTU) +/- 10%	8.9	9.5	12.0	12.3				
DO (mg/L) +/- 10%	0.58	0.52	0.58	0.55				
ORP (mV) +/- 10 mV	-87	-88	-90	-92				
Depth to Water (ft)	NM	NM	NM	NM				
PID (ppm)	0.0	0.0	0.0	0.0				

Sample Data					
Sampling Flow Rate (ml/min):	250	Temp (°C)	27.94	DO (mg/L)	0.45
Sample Time:	1541	pH (SU)	6.86	ORP (mV)	-94
Sample ID:	MW-2	Cond. (mS/cm)	2.125	Color	Clear
Duplicate ID:		Turb. (NTU)	12.5	Other:	
				Sampling Parameters:	VOC 8260B
				Sampling Container:	40ml vials
				Container provided:	Lab
				Preservative:	HCl

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location: Pfizer Barceloneta			Page 2 of 2		
Well ID	MW-2	Date	01/25/18	Well Integrity		Yes	No
Time	1440	Weather	Rainy	Protective Casing Secure		√	
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact		√	
Depth to Bottom (ft)	316.00	Installation Date	2003	Security Lock Present		NA	
Depth to Water (ft)	291.86	Reference Elevation (ft)	307.817				
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.957	PID Reading (ppm)			
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background	0.0		
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM	Well Mouth	0.0		

Equipment				Decon. Materials		Decon. Procedures
Water Level Indicator	✓	Troll 9500	✓	DI Water	✓	Wash with water/alconox.
Bladder Pump	✓	Air lift controller	✓	Alconox	✓	Rinse with DI water.

TOC - Top of casing	NM - Not measured	°C - Degrees Centigrade	mV - Millivolt
ft - Feet	NA - Not applicable	SU - Standard units	ml - Milliliters
gal/ft - Gallons per foot	ppm - Parts per million	mS/cm - Millisiemens per centimeter	HCl - Hydrochloric acid
gal - Gallons	WL - Water level	NTU - Nephelometric turbidity units	
in - inches	ml/min - Milliliter per minute	mg/L - Milligrams per liter	

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location:	Pfizer Barceloneta	Page 1 of 2	
Well ID	MW-5	Date	01/24/18	Well Integrity	Yes No
Time	1125	Weather	Cloudy	Protective Casing Secure	v
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact	v
Depth to Bottom (ft)	378.00	Installation Date	2006	Security Lock Present	NA
Depth to Water (ft)	302.12	Reference Elevation (ft)	315.775	PID Reading (ppm)	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	13.655	Background	0.0
Depth to Pump/Intake	375.00	Purging Method	Low Flow	Well Mouth	0.0
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM		

Low Flow Data					
Depth of Pump Intake (ft)	375.00	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	350 ml/min	1127
Static WL (ft)	302.12	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	300 ml/min	

	Purging Parameters							
	Start	0.40 gal.	0.32 gal.	0.32 gal.	0.32 gal.	0.32 gal.	0.32 gal.	0.32 gal.
Time (max 5 min)	1130	1135	1139	1143	1147	1151	1155	1159
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Temp (°C)	28.44	28.46	28.30	28.23	28.15	28.06	28.03	28.01
pH (SU) +/- 0.10 SU	7.44	7.41	7.32	7.25	7.20	7.16	7.14	7.11
Cond. (mS/cm) +/- 3%	0.3730	0.3733	0.4390	0.4690	1.057	1.069	1.080	1.092
Turb (NTU) +/- 10%	0.6	0.5	1.6	4.2	3.8	2.7	5.6	8.3
DO (mg/L) +/- 10%	0.90	0.93	1.63	2.46	2.64	2.63	2.49	2.60
ORP (mV) +/- 10 mV	342	345	367	379	380	383	389	398
Depth to Water (ft)	NM	NM	NM	NM	NM	NM	NM	NM
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	Purging Parameters							
	0.40 gal.	0.32 gal.	0.32 gal.	0.40 gal.	0.32 gal.	0.32 gal.	0.40 gal.	0.40 gal.
Time (max 5 min)	1204	1208	1212	1217	1221	1225	1230	1235
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Temp (°C)	28.00	28.15	28.38	28.47	28.72	28.80	28.91	28.92
pH (SU) +/- 0.10 SU	7.08	7.05	7.07	7.16	7.03	7.02	7.02	7.01
Cond. (mS/cm) +/- 3%	1.093	1.084	1.086	1.081	1.089	1.100	1.102	1.104
Turb (NTU) +/- 10%	14.0	22.2	8.4	14.9	20.1	20.8	13.4	13.7
DO (mg/L) +/- 10%	2.72	2.74	2.67	2.87	2.79	2.81	2.74	2.80
ORP (mV) +/- 10 mV	405	407	407	411	424	427	437	439
Depth to Water (ft)	NM	NM	NM	NM	NM	NM	NM	NM
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sample Data					
Sampling Flow Rate (ml/min):	200	Temp (°C)	29.98	DO (mg/L)	2.84
Sample Time:	1239	pH (SU)	7.12	ORP (mV)	430
Sample ID:	MW-5	Cond. (mS/cm)	1.091	Color	Clear
Duplicate ID:		Turb. (NTU)	26.6	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location:	Pfizer Barceloneta	Page 2 of 2		
Well ID	MW-5	Date	01/24/18	Well Integrity	Yes	No
Time	1125	Weather	Cloudy	Protective Casing Secure	✓	
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact	✓	
Depth to Bottom (ft)	378.00	Installation Date	2006	Security Lock Present	NA	
Depth to Water (ft)	302.12	Reference Elevation (ft)	315.775			
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	13.655	PID Reading (ppm)		
Depth to Pump/Intake	375.00	Purging Method	Low Flow	Background	0.0	
Total Purged Volume (gal)	5.0	Final Depth to Water (ft)	NM	Well Mouth	0.0	

Equipment				Decon. Materials		Decon. Procedures
Water Level Indicator	✓	Troll 9500	✓	DI Water	✓	Wash with water/alconox.
Bladder Pump	✓	Air lift controller	✓	Alconox	✓	Rinse with DI water.

TOC - Top of casing	NM - Not measured	°C - Degrees Centigrade	mV - Millivolt
ft - Feet	NA - Not applicable	SU - Standard units	ml - Milliliters
gal/ft - Gallons per foot	ppm - Parts per million	mS/cm - Millisiemens per centimeter	HCl - Hydrochloric acid
gal - Gallons	WL - Water level	NTU - Nephelometric turbidity units	
in - inches	ml/min - Milliliter per minute	mg/L - Milligrams per liter	

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location: Pfizer Barceloneta			Page 1 of 2		
Well ID	MW-6	Date	01/24/18	Well Integrity		Yes	No
Time	1407	Weather	Cloudy	Protective Casing Secure		✓	
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact		✓	
Depth to Bottom (ft)	394.00	Installation Date	2006	Security Lock Present		NA	
Depth to Water (ft)	317.67	Reference Elevation (ft)	328.026				
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	10.356	PID Reading (ppm)			
Depth to Pump/Intake	387.50	Purging Method	Low Flow	Background	0.0		
Total Purged Volume (gal)	4.0	Final Depth to Water (ft)	NM	Well Mouth	0.0		

Low Flow Data					
Depth of Pump Intake (ft)	387.50	Purging (±400 ml/min):	Initial Purge Rate/Time/WL:	300 ml/min	1409
Static WL (ft)	317.67	Sampling (±100-250 ml/min):	Adjusted Purge Rate/Time WL:	300 ml/min	

Purging Parameters								
	Start	0.32 gal.	0.32 gal.	0.40 gal.	0.32 gal.	0.40 gal.	0.40 gal.	0.32 gal.
Time (max 5 min)	1412	1416	1420	1425	1429	1434	1439	1443
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Temp (°C)	27.97	27.73	27.85	27.98	27.96	28.36	28.69	29.59
pH (SU) +/- 0.10 SU	7.02	7.02	7.05	7.04	7.03	7.03	7.00	7.00
Cond. (mS/cm) +/- 3%	1.162	1.159	1.152	1.147	1.148	1.143	1.140	1.131
Turb (NTU) +/- 10%	31.1	29.8	30.3	27.0	26.4	22.4	21.4	21.6
DO (mg/L) +/- 10%	5.90	4.53	3.52	2.98	2.79	2.28	2.24	2.00
ORP (mV) +/- 10 mV	366	297	210	181	114	62	64	99
Depth to Water (ft)	NM	NM	NM	NM	NM	NM	NM	NM
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Purging Parameters							
	0.40 gal.	0.32 gal.	0.32 gal.				
Time (max 5 min)	1448	1452	1456				
Flow Rate (ml/min)	300	300	300				
Temp (°C)	30.41	31.27	31.86				
pH (SU) +/- 0.10 SU	7.00	7.01	7.01				
Cond. (mS/cm) +/- 3%	1.121	1.110	1.103				
Turb (NTU) +/- 10%	21.8	21.6	21.7				
DO (mg/L) +/- 10%	2.10	2.23	2.28				
ORP (mV) +/- 10 mV	105	115	126				
Depth to Water (ft)	NM	NM	NM				
PID (ppm)	0.0	0.0	0.0				

Sample Data					
Sampling Flow Rate (ml/min):	210	Temp (°C)	32.20	DO (mg/L)	3.44
Sample Time:	1501	pH (SU)	7.06	ORP (mV)	90
Sample ID:	MW-6	Cond. (mS/cm)	1.129	Color	Clear
Duplicate ID:	MW-A	Turb. (NTU)	25.5	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E175487	Project Location:	Pfizer Barceloneta	Page 2 of 2		
Well ID	MW-6	Date	01/24/18	Well Integrity		
Time	1407	Weather	Cloudy		Yes	No
Measuring Point	TOC	Casing Diameter (in)	2.0	Protective Casing Secure	v	
Depth to Bottom (ft)	394.00	Installation Date	2006	Concrete Collar Intact	v	
Depth to Water (ft)	317.67	Reference Elevation (ft)	328.026	Security Lock Present	NA	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	10.356	PID Reading (ppm)		
Depth to Pump/Intake	387.50	Purging Method	Low Flow	Background	0.0	
Total Purged Volume (gal)	4.0	Final Depth to Water (ft)	NM	Well Mouth	0.0	

Equipment				Decon. Materials		Decon. Procedures
Water Level Indicator	√	Troll 9500	√	DI Water	√	Wash with water/alconox.
Bladder Pump	√	Air lift controller	√	Alconox	√	Rinse with DI water.

TOC - Top of casing	NM - Not measured	°C - Degrees Centigrade	mV - Millivolt
ft - Feet	NA - Not applicable	SU - Standard units	ml - Milliliters
gal/ft - Gallons per foot	ppm - Parts per million	mS/cm - Millisiemens per centimeter	HCl - Hydrochloric acid
gal - Gallons	WL - Water level	NTU - Nephelometric turbidity units	
in - inches	ml/min - Milliliter per minute	mg/L - Milligrams per liter	

APPENDIX 2

CHAIN OF CUSTODY DOCUMENTATION

**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E175487**

ENVIRONMENTAL QUALITY LABORATORIES, INC.
SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01701

CLIENT NAME: ERTEC

CLIENT ID: 567-01-82 W.O. #.

SITE: Riozer Barceloneta CLIENT REP: W. Morales

P.O. #:

PWSID #:

FOLDER # 246452

PROJECT: Riozer Barceloneta EQLAB REP: E. Garcia

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED
SAMPLE #: <u>2798576</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>		EPA 8260B VOC
MATRIX: <u>water</u>	TIME: <u>1008</u>	PRESERVATIVE: <u>HCl pH < 2, Cool 4°C</u>					
SOURCE: <u>TB 012418</u>							
SAMPLE #: <u>2798577</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>		EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1239</u>	PRESERVATIVE: <u>HCl pH < 2, Cool 4°C</u>					
SOURCE: <u>MW-5</u>							
SAMPLE #: <u>2798578</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>		EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1501</u>	PRESERVATIVE: <u>HCl pH < 2, Cool 4°C</u>					
SOURCE: <u>MW-6</u>							
SAMPLE #: <u>2798579</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>		EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1505</u>	PRESERVATIVE: <u>HCl pH < 2, Cool 4°C</u>					
SOURCE: <u>MW-A</u>							
SPECIAL INSTRUCTIONS / COMMENTS: <u>samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQlab on 01/26/18. Robert Garcia</u>							

CUSTODY RECORD	SIGNATURE	DATE	TIME
Collected in field by:	<u>Roberto de Jesus</u>	<u>01/24/18</u>	<u>varias</u>
Fixed in field by:	<u>Roberto de Jesus</u>	<u>01/24/18</u>	<u>varias</u>
Authorized by:	<u>[Signature]</u>		
Received by EQLF:			
Released to EQLL by:	<u>[Signature]</u>	<u>01/26/18</u>	<u>0930</u>
Received by EQLL:	<u>[Signature]</u>	<u>01/26/18</u>	<u>0930</u>

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-In Personnel.

Arrival Temperature: 20°C

Signature: [Signature]

Eqlab's general terms and conditions on reverse side of this document.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

CLIENT NAME: ERTC

CLIENT ID: 567-01-82 W.O. #:

SITE: Puerto Rico Barceloneta CLIENT REP: W. Morales

P.O. #:

PWSID #:

FOLDER #:

PROJECT: 446 452 EQLAB REP: E. Garcia

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED
SAMPLE #: <u>2798580</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>		EPA 8260B VOC
MATRIX: <u>Dr. water</u>	TIME: <u>1515</u>		PRESERVATIVE				
SOURCE: <u>FB012418</u>			<u>HCl pH 2, Cool 4°C</u>				
SAMPLE #:	DATE:		TYPE:	COLOR:	VOLUME:		
MATRIX:	TIME:		PRESERVATIVE				
SOURCE:	TYPE:						
SAMPLE #:	DATE:		TYPE:	COLOR:	VOLUME:		
MATRIX:	TIME:		PRESERVATIVE				
SOURCE:	TYPE:						
SAMPLE #:	DATE:		TYPE:	COLOR:	VOLUME:		
MATRIX:	TIME:		PRESERVATIVE				
SOURCE:	TYPE:						
CUSTODY RECORD	SIGNATURE		DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS		
Collected in field by:	<u>Roberto de Jesus</u>		<u>01/24/18</u>	<u>1515</u>	<u>samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQ lab on 01/26/18. Robert de Jesus</u>		
Fixed in field by:	<u>Roberto de Jesus</u>		<u>01/24/18</u>	<u>1515</u>			
Authorized by:	<u>N/A</u>						
Received by EQLF:	<u>N/A</u>						
Released to EQLL by:	<u>Roberto de Jesus</u>		<u>01/26/18</u>	<u>0930</u>			
Received by EQLL:	<u>Roberto de Jesus</u>		<u>01/26/18</u>	<u>0930</u>			

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

RTM

Arrival Temperature: 20°C

Signature: RTM

Eqlab's general terms and conditions on reverse side of this document.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01703

CLIENT NAME: ERTec

CLIENT ID: 567-01-82 W.O. #:

SITE: Rizer Barcelona CLIENT REP: W. Morales

P.O. #:

PWSID #:

FOLDER # 246457

PROJECT: Rizer Barcelona EQLAB REP: E. Barcia

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED
SAMPLE #: 2799587	DATE: 01/25/18	TYPE: Grab	TYPE: Grab	COLOR: Clear	VOLUME: 40ml		EPA 8260B VOC
MATRIX: P1 water	TIME: 1000		PRESERVATIVE				
SOURCE: T8012518			HCl pH < 2, Cool 4°C				
SAMPLE #: 2799588	DATE: 01/25/18	TYPE: Grab	TYPE: Grab	COLOR: Clear	VOLUME: 40ml		EPA 8260B VOC
MATRIX: Ground water	TIME: 1123		PRESERVATIVE				
SOURCE: MW-1			HCl pH < 2, Cool 4°C				
SAMPLE #: 2799589	DATE: 01/25/18	TYPE: Grab	TYPE: Grab	COLOR: Clear	VOLUME: 40ml		EPA 8260B VOC
MATRIX: Ground water	TIME: 1541		PRESERVATIVE				
SOURCE: MW-2			HCl pH < 2, Cool 4°C				
SAMPLE #: 2799590	DATE: 01/25/18	TYPE: Grab	TYPE: Grab	COLOR: Clear	VOLUME: 40ml		EPA 8260B VOC
MATRIX: P1 water	TIME: 1546		PRESERVATIVE				
SOURCE: F8012518			HCl pH < 2, Cool 4°C				
CUSTODY RECORD			SIGNATURE		DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS:
Collected in field by:	Roberto de Jesus		01/25/18		varias		Samples were collected on 01/25/18 preserved on ice and secure until delivery @ EQ lab on 01/26/18. Roberto de Jesus
Fixed in field by:	Roberto de Jesus		01/25/18		varias		
Authorized by:	Roberto de Jesus						
Received by EQLF:	Roberto de Jesus						
Released to EQLL by:	Roberto de Jesus						
Received by EQLL:	Stephane		01/26/18		0930		

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 20°C

Signature: ~~Roberto de Jesus~~

Eqlab's general terms and conditions on reverse side of this document.

APPENDIX 3

CERTIFIED LABORATORY ANALYTICAL RESULTS

**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E175487**



February 02, 2018

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples 2798576 to 2798580 and 2798587 to 2798590 have been reviewed by me and are correct as presented herein.



To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,2-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTKL = Pattern Recognition Level. All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eq1lab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959

PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level. All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	11:38	KMOR	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignore MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTML = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method			
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	EPA 5030B



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ACCREDITED IN ACCORDANCE WITH
nelac
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A

Laboratory Test Report

Page 1 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method			
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	16:28	KMOR	01/29/2018	--

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PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA L. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method			
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignore MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



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Refer to eq1lab certification number E87783 at www.eq1lab.com

ENVIRONMENTAL QUALITY LABORATORIES, INC.
60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	EPA 5030B



ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignore MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTKL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PRDOH Certified
EPA ID PR000014



The results presented herein meet all NELAP requirements.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018	15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246452				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2,4-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level FTPL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level. All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR000014

To:

ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5536

Attn:

MRS. WANDA I. MORALES

Source:

MW-6
BARCELONETA, PR

Project Name:

SITE ASSESSMENT

Facility:

PFIZER BARCELONETA

Description:

GROUND WATER - Grab

Client Ref. #:

N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	BDL	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	17:20	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PRIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Vinyl Acetate	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
Vinyl chloride	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	17:20	KMOR	01/29/2018	--

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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--



ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to the sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www.eq1ab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1ab.com

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-A
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-A
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA L. MORALES
Source: MW-A
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	BDL	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	13:48	KMOR	01/29/2018	--

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ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDAL MORALES
Source: MW-A
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	13:48	KMOR	01/29/2018	--

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ENVIRONMENTAL QUALITY LABORATORIES, INC.

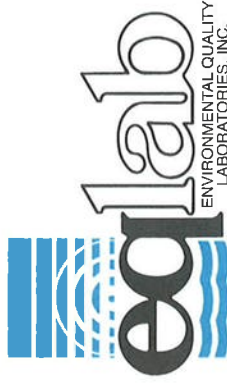
60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www eqlab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA L. MORALES
Source: MW-A
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



ENVIRONMENTAL QUALITY
LABORATORIES, INC.

Laboratory Test Report

Page 5 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCLA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--



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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PROOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PEIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCLA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,2-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref #: N/A



Laboratory Test Report

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www.eq1lab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number: 2798580	Collected Date & Time: 01/24/2018 15:15	Date of Report: 02/02/2018
Work Order: 567-01-82	Received Date & Time: 01/26/2018 09:30	Collected By: RDEJESUS
Delivery Slip: 2018-01701	Temperature at Arrival: 2.0 °C	Eq1ab Rep.: EGARCIA
Folder Number: 246452		Proposal Number: 20402 - 1
Remarks:		

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	10:20	KMOR	01/29/2018

ND = Not Detected MCL = Maximum Contaminant Level EDL = Below Detection Limit DNL = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	10:20	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level FTPL = Pattern Recognition Level. All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

The results presented herein meet all NELAP requirements
Refer to eqlab certification number E87783 at www.eqlab.com



ND = Not Detected MCL = Maximum Contaminant Level EDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01701

CLIENT NAME: ERTEC

CLIENT ID: SG7-01-82 W.O. #:

SITE: Rezer Barcelona CLIENT REP: w. Morales

O. #:

PWSID #:

FOLDER # 246452

PROJECT: Rezer Barcelona EQLAB REP: E. Garcia

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED
SAMPLE #:	DATE:	TYPE:	TYPE:	COLOR:	VOLUME:		
2798576 Matrix: <u>Water</u> Source: <u>TB 012418</u>	01/24/18 TIME: 1008 TYPE: <u>Grab</u>	Grab PRESERVATIVE <u>HCl pH < 2, Cool 40C</u>					EPA 8260B VOC
2798577 Matrix: <u>Ground water</u> Source: <u>MW-5</u>	01/24/18 TIME: 1239 TYPE: <u>Grab</u>	Grab PRESERVATIVE <u>HCl pH < 2, Cool 40C</u>					EPA 8260B VOC
2798578 Matrix: <u>Ground water</u> Source: <u>MW-6</u>	01/24/18 TIME: 1501 TYPE: <u>Grab</u>	Grab PRESERVATIVE <u>HCl pH < 2, Cool 40C</u>					EPA 8260B VOC
2798579 Matrix: <u>Ground water</u> Source: <u>MW-A</u>	01/24/18 TIME: 1505 TYPE: <u>Grab</u>	Grab PRESERVATIVE <u>HCl pH < 2, Cool 40C</u>					EPA 8260B VOC
CUSTODY RECORD			SIGNATURE		DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS: samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQlab on 01/26/18. <u>Robert Garcia</u>
Collected in field by:	Robert de Jesus		01/24/18		varias		
Fixed in field by:	Robert de Jesus		01/24/18		varias		
Authorized by:	<u>[Signature]</u>						
Received by EQLF:	<u>[Signature]</u>						
Released to EQLL by:	<u>[Signature]</u>		01/26/18		0930		Arrival Temperature: <u>2.0°C</u> Signature: <u>[Signature]</u>
Received by EQLL:	<u>[Signature]</u>		01/26/18		0930		

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Eqlab's general terms and conditions on reverse side of this document.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01701

CLIENT NAME: ERTEC

CLIENT ID: 567-01-82 W.O. #:

SITE: Pfizer Barcelona CLIENT REP: W. Morales

O. #:

PWSID #:

FOLDER #:

246452

PROJECT: Pfizer Barcelona

EQLAB REP: E. Garcia

SAMPLE INFORMATION			CONTAINER INFORMATION			FIELD TESTING			ANALYSIS REQUESTED		
SAMPLE #: <u>2798580</u>	DATE: <u>01/24/18</u>	TYPE: <u>Grab</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>				EPA 8260B VOC		
MATRIX: <u>Pi water</u>	TIME: <u>1515</u>	PRESERVATIVE: <u>HCl pH 2, Cool 40C</u>	PRESERVATIVE: <u>HCl pH 2, Cool 40C</u>								
SOURCE: <u>FB012418</u>											
SAMPLE #:	DATE:	TYPE:	TYPE:	COLOR:	VOLUME:						
MATRIX:	TIME:	PRESERVATIVE:	PRESERVATIVE:								
SOURCE:											
SAMPLE #:	DATE:	TYPE:	TYPE:	COLOR:	VOLUME:						
MATRIX:	TIME:	PRESERVATIVE:	PRESERVATIVE:								
SOURCE:											
SAMPLE #:	DATE:	TYPE:	TYPE:	COLOR:	VOLUME:						
MATRIX:	TIME:	PRESERVATIVE:	PRESERVATIVE:								
SOURCE:											
CUSTODY RECORD			SIGNATURE			DATE			TIME		
Collected in field by: <u>Roberto de Jesus</u>			<u>Roberto de Jesus</u>			<u>01/24/18</u>			<u>1515</u>		
Fixed in field by: <u>Roberto de Jesus</u>			<u>Roberto de Jesus</u>			<u>01/24/18</u>			<u>1515</u>		
Authorized by: <u>[Signature]</u>			<u>[Signature]</u>			<u>01/26/18</u>			<u>0930</u>		
Received by EQLF: <u>[Signature]</u>			<u>[Signature]</u>			<u>01/26/18</u>			<u>0930</u>		
Released to EQLL by: <u>[Signature]</u>			<u>[Signature]</u>			<u>01/26/18</u>			<u>0930</u>		
Received by EQLL: <u>[Signature]</u>			<u>[Signature]</u>			<u>01/26/18</u>			<u>0930</u>		
SPECIAL INSTRUCTIONS / COMMENTS: <u>samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQ lab on 01/26/18. Robert de Jesus</u>											

*EQLF = Eqlab's Field Personnel.
*EQLL = Eqlab's Log-in Personnel.

[Signature]

Arrival Temperature: 20C

Signature: [Signature]

Eqlab's general terms and conditions on reverse side of this document.

To: ERTIC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018	10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246457				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1ab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	10:46	KMOR	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B

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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDAL MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018	10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246457				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	10:46	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018	10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246457				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	10:46	KMOR	01/29/2018	--

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PEIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018	10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246457				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	EPA 5030B



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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA L. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,2-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	EPA 5030B

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PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number: 2798588	Collected Date & Time: 01/25/2018 11:23	Date of Report: 02/02/2018
Work Order: 567-01-82	Received Date & Time: 01/26/2018 09:30	Collected By: RDEJESUS
Delivery Slip: 2018-01703	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 246457		Proposal Number: 20402 - 1
Remarks:		

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	8.20	µg/L	--	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	14:14	KMOR	01/29/2018	--

ND = Not Detected, MCL = Maximum Contaminant Level, BDL = Below Detection Limit, DNI = Does Not Ignore, MDL = Minimum Detection Limit, N/A = Not Applicable
MO = Monitoring Only, MRL = Minimum Reporting Level, PTRL = Pattern Recognition Level. All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E37783 at www.eqlab.com.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	14:14	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	EPA 5030B



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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2-Dibromooethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level AU results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR000014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Acetone	EPA 8260B	6.80	µg/L	--	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignore MDL = Minimum Detection Limit N/A = Not Applicable
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Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	20.4	µg/L	--	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	16:54	KMOR	01/29/2018	--

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignore MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



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Refer to eq1lab certification number E87783 at www.eq1lab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1lab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method			
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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Accredited in accordance with
nelac
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name:	SITE ASSESSMENT
Facility:	PFIZER BARCELONETA
Description:	GROUND WATER - Grab
Client Ref. #:	N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018	15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246457				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B



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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to the parameter listed. + = Parameter is not accredited under EOLab's NELAP Certification

PRDOH Certified
EPA ID PR00014

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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Acetone	EPA 8260B	11.0	µg/L	--	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--

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Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	11:12	KMOR	01/29/2018	--

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Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
m,p-Xylenc	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B
		ND	µg/L	U	1.8	6.0	--	01/30/2018	11:12	KMOR	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eq1ab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eq1ab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--



ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQLab's NELAP Certification

ACREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at www eqlab com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01703

CLIENT NAME: ERTec

CLIENT ID: 567-01-82 W.O. #:

SITE: Rizer Barceloneta CLIENT REP: W. Morales

O. #:

PWSID #:

FOLDER #:

PROJECT: 46457

PROJECT: Rizer Barceloneta EQLAB REP: E. Garcia

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED
SAMPLE #	DATE	TIME	TYPE	COLOR	VOLUME		
2799587 MATRIX: 71 water SOURCE: T8012518	01/25/18	1000	Grab	clear	40ml		EPA 8260B VOC
2799588 MATRIX: Ground water SOURCE: MW-1	01/25/18	1123	Grab	clear	40ml		EPA 8260B VOC
2799589 MATRIX: Ground water SOURCE: MW-2	01/25/18	1541	Grab	clear	40ml		EPA 8260B VOC
2799590 MATRIX: 71 water SOURCE: F8012518	01/25/18	1546	Grab	clear	40ml		EPA 8260B VOC

CUSTODY RECORD	SIGNATURE	DATE	TIME
Collected in field by:	Roberto de Jesus	01/25/18	varias
Fixed in field by:	Roberto de Jesus	01/25/18	varias
Authorized by:	N/A		
Received by EQLF:	N/A		
Released to EQLL by:	Roberto de Jesus	01/26/18	0930
Received by EQLL:	Roberto de Jesus	01/26/18	0930

SPECIAL INSTRUCTIONS / COMMENTS:
SAMPLES were collected on 01/25/18 preserved on PCE and secure until delivery @ EQLab on 01/26/18. Roberto de Jesus

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 2.0°C Signature:

Eqlab's general terms and conditions on reverse side of this document.

QUALITY ASSURANCE REPORT

Prepared for:

ERTEC

Facility:

PFIZER BARCELONETA

Project

SITE ASSESSMENT

Samples Received on:

January 26, 2018

Folder #: 246452, 246457

W.O. #:

567-01-82





February 12, 2018

**ERTEC
PO Box 195336
San Juan, PR 00919-5336**

Attn: Mrs. Wanda I. Morales

Re: Quality Assurance Report for the samples received on January 26, 2018

Dear Mrs. Morales

Enclosed you will find the Quality Assurance Report for the samples received on January 26, 2018 for the Site Assessment project. The QC data submitted reflects the precision and accuracy of the analyzed samples.

Please feel free to contact us if you require any further information.

Cordially,

Environmental Quality Laboratories, Inc.



Lic. Janet Gómez-Rosario
QA/QC Supervisor

TABLE OF CONTENTS

Section	Description
1	Quality Assurance Narrative
2	Laboratory Test Report
3	Analytical Test Results Quality Assurance Report

List of Appendices

Appendix	Description
A	Chain of Custody Documentation
B	Raw Data Worksheets

SECTION 1
QUALITY ASSURANCE NARRATIVE



QUALITY ASSURANCE NARRATIVE

OVERVIEW

On January 26, 2018, Environmental Quality Laboratories, Inc. received from ERTEC nine samples. (Four DI Water and Five Ground Water) The samples were collected on January 24 and 25, 2018 at Pfizer Barceloneta facility for the Site Assessment project. The samples were analyzed for EPA 8260B VOC The samples were received in good condition (2°C) and stored at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ in the refrigerator until the time of analysis. The following table shows the samples sources and the EQLAB sample number assigned to your samples upon receipt:

SAMPLE #	SOURCE	MATRIX
2798576	TB 012418	DI WATER
2798577	MW-5	GROUND WATER
2798578	MW-6	GROUND WATER
2798579	MW-A	GROUND WATER
2798580	FB 012418	DI WATER
2798587	TB 012418	DI WATER
2798588	MW-1	GROUND WATER
2798589	MW-2	GROUND WATER
2798590	FB 012518	DI WATER

In the Appendices you will find copies of the supporting documentation of your samples. Appendix A contains the Chain of Custody Documentation.

Quality Control Remarks

The QC data has been released after being subjected to a series of inspections. General deviations are summarized below. Specific QC issues associated with your samples are:



Sample Collection: All samples were collected by the client personnel. EQLab personnel did not find any deviations about of this item.

Sample Management: EQ Lab did not find any deviation about this item.

Sample Preparation: EQ Lab did not find any deviation about this item.

Laboratory Test Report: EQ Lab did not find any deviation about this item.

Sample Analysis: **VOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/
MASS SPECTROMETRY (GC/MS) EPA 8260B VOC Rev. 2,
December 1996**

RUN # 195717

Analysis Date: January 30, 2018

Sample	Analyte	Deviation	Recovery	Range
2800026/MS	1,2-Dibromo-3-chloropropane	00S	60.5%	67-140%

Explanation: The above sample (2800026/MS) analyte (1,2-Dibromo-3-chloropropane) appears to have matrix spike interference and not to an instrument or process related issue since the recoveries in the associated 2800037/LFB are within acceptable limits. See the following table:

Analysis Date: January 30, 2018

Sample	Analyte	Recovery	Range
2800037/LFB	1,2-Dibromo-3-chloropropane	99%	66-139%

General Comments

All the analyses were performed in accordance with the latest Environmental Protection Agency and Standard Method for the Examination of Water and Wastewater Approved Methodology. All the results associated with quality control samples were found within acceptable criteria established for these parameters.

After reviewing the documentation mentioned above we conclude that the data presented herein is valid and acceptable.

Formulas:

1. RPD = Relative Percent Difference

All Duplicates (DUP, MSD and LFBD) are calculated as follow:

$$RPD = \left\{ \frac{(\text{Final Result QC}) - (\text{Final Result Ref})}{\frac{(\text{Final Result QC}) + (\text{Final Result Ref})}{2}} \right\} \times 100$$

RPD is reported N.C. when the (value of Final Result) < 10X (value of MDL)

RPD General Acceptance criteria is ($\leq 20\%$) for all matrices except Solid / Soil ($\leq 40\%$)

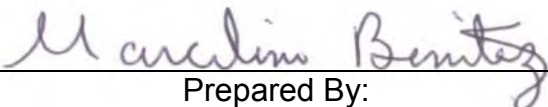
RPD_{Micro} = (Log₁₀ Final Result QC) – (Log₁₀ Final Result Ref) which is expressed as Precision.

2. The % of Recovery is calculated as follow:

$$\% \text{ Rec} = \left\{ \frac{(\text{Final Result QC})}{\text{Amount Added of QC}} \right\} \times 100$$

3. The % of Recovery for MS and MSD is calculated as follow:

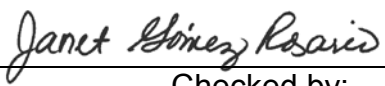
$$\% \text{ Rec} = \left\{ \frac{(\text{Final Result QC}) - (\text{Final Result Ref})}{\text{Amount Added of QC}} \right\} \times 100$$



Prepared By:
Lcdo. Marcelino Benítez
QA/QC Coordinador Licensed

February 12, 2018

Date



Checked by:
Lcda. Janet Gómez
QA/QC Supervisor

February 12, 2018

Date

SECTION 2
LABORATORY TEST REPORT



February 02, 2018

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples 2798576 to 2798580 and 2798587 to 2798590 have been reviewed by me and are correct as presented herein.



To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018 10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798576	Collected Date & Time:	01/24/2018	10:08	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018	09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	246452				Proposal Number:	20402 - 1
Remarks:						

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:38	KMOR	01/29/2018	--	EPA 5030B

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Certified by Laboratory Director

PRDOH Certified
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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

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Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

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Laboratory Test Report

Page 4 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-5
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A

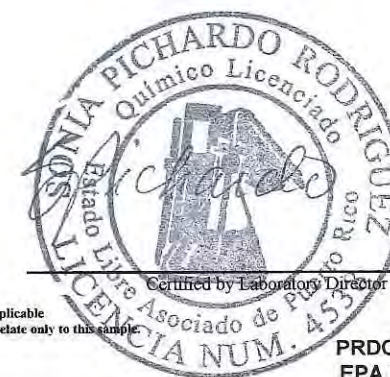


Laboratory Test Report

Page 5 of 5

Sample Number:	2798577	Collected Date & Time:	01/24/2018 12:39	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:28	KMOR	01/29/2018	--	EPA 5030B



Certified by Laboratory Director

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Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U,J	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B

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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	BDL	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B

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Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B

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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-6
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798578	Collected Date & Time:	01/24/2018 15:01	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	17:20	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B

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BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B

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Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	BDL	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B

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Laboratory Test Report

Page 4 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B

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Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798579	Collected Date & Time:	01/24/2018 15:05	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	13:48	KMOR	01/29/2018	--	EPA 5030B

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60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com



To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012418
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

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BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
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BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798580	Collected Date & Time:	01/24/2018 15:15	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01701	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246452			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:20	KMOR	01/29/2018	--	EPA 5030B

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PR00H Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B

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P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B

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Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B

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Attn: MRS. WANDA I. MORALES
Source: TB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798587	Collected Date & Time:	01/25/2018 10:00	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	10:46	KMOR	01/29/2018	--	EPA 5030B

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Attn: MRS. WANDA I. MORALES
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BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B

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Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	BDL	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	8.20	µg/L	--	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B

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P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	14:14	KMOR	01/29/2018	--	EPA 5030B

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P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-1
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A

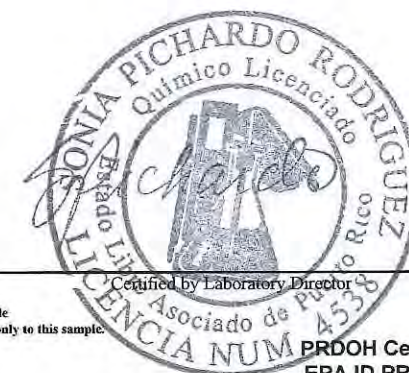


Laboratory Test Report

Page 5 of 5

Sample Number:	2798588	Collected Date & Time:	01/25/2018 11:23	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	—	01/30/2018	14:14	KMOR	01/29/2018	—	EPA 5030B



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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

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Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	6.80	µg/L	--	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	20.4	µg/L	--	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

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Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-2
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 5 of 5

Sample Number:	2798589	Collected Date & Time:	01/25/2018 15:41	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	16:54	KMOR	01/29/2018	--	EPA 5030B

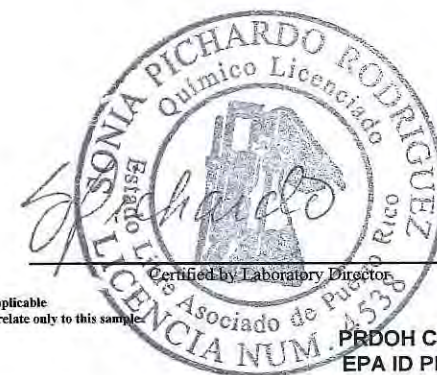
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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 1 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B

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Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 2 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Acetone	EPA 8260B	11.0	µg/L	--	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B

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Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 3 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Bromobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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PRDOH Certified
EPA ID PR00014

To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: DI WATER - Grab
Client Ref. #: N/A



Laboratory Test Report

Page 4 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B

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Attn: MRS. WANDA I. MORALES
Source: FB 012518
BARCELONETA, PR

Project Name: SITE ASSESSMENT
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Description: DI WATER - Grab
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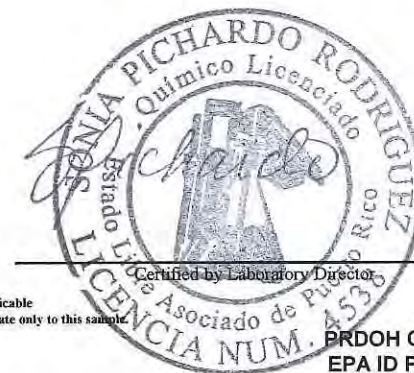
Laboratory Test Report

Page 5 of 5

Sample Number:	2798590	Collected Date & Time:	01/25/2018 15:46	Date of Report:	02/02/2018
Work Order:	567-01-82	Received Date & Time:	01/26/2018 09:30	Collected By:	RDEJESUS
Delivery Slip:	2018-01703	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	246457			Proposal Number:	20402 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method		
					MDL	MRL	MCL	Date	Time	By	Date	By	Method
n-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	01/30/2018	11:12	KMOR	01/29/2018	--	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results are calculated on a wet weight basis unless otherwise stated. All results relate only to this sample.
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SECTION 3
ANALYTICAL TEST RESULTS
QUALITY ASSURANCE REPORT



Analytical Test Results Quality Assurance Report

W. O. # 567-01-82
Page 1 of 2

Date: February 12, 2018

1.0 Samples Analyzed:

EQL SAMPLE #	DATE COLLECTED	DATE RECEIVED
2798576, 2798577, 2798578, 2798579, 2798580	January 24, 2018	January 26, 2018
2798587, 2798588, 2798589, 2798590	January 25, 2018	January 26, 2018

2.0 Instrumentation:

Parameter	Instrumentation Used
EPA 8260B VOC	(V-7) AG7890MS Gas Chromatograph with a Mass Selective Detector

3.0 Methodology:

Parameter	Method	Date Analyzed	Analyst
PP / EPA 8260B VOC	EPA 8260 B	January 30, 2018	K. Otero

Lcdo Marcelino Benítez
QA/QC Coordinador Licensed

QUALITY CONTROL SUMMARY



EPA 8260B VOC - Run #195717

2800030 - LRB

Reference Sample Number is: 2798578

Analyte Name	Accuracy								Precision						
	Reference Result	QC Result	DQ	Units	MDL	MRL	A/A	Rec. %	Acceptance Criteria		RPD	Acceptance Criteria	Analysis		
									Low Limit	High Limit		High Limit	Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1,1-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1,2,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1,2-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1-Dichloroethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1-Dichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,1-Dichloropropene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2,3-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2,3-Trichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2,4-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2,4-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2-Dibromo-3-chloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2-Dibromoethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2-Dichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,3,5-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,3-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,3-Dichloropropane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1,4-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
1-Chlorohexane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
2,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
2-Butanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
2-Chloroethyl vinyl ether	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
2-Chlorotoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR



QUALITY CONTROL SUMMARY



Page 2 of 18

2-Hexanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
4-Bromofluorobenzene-SURR	18.7	18.5	--	µg/L	N/A	N/A	20.0	92.7	79	121	N/A	N/A	01/30/18	09:03	KMOR
4-Chlorotoluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
4-Isopropyltoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
4-Methyl-2-pentanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Acetone	BDL	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Acrolein	N.D	N.D.	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Acrylonitrile	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Benzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Bromobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Bromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Bromodichloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Bromoform	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Bromomethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Carbon disulfide	N.D	N.D.	U	µg/L	7.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Carbon tetrachloride	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Chlorobenzene	BDL	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Chloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Chloroform	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Chloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Dibromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Dibromofluoromethane-SURR	22.3	21.9	--	µg/L	N/A	N/A	20.0	110	83	120	N/A	N/A	01/30/18	09:03	KMOR
Dibromomethane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Dichlorodifluoromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Dichloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Epichlorohydrin	N.D	N.D.	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Ethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Hexachlorobutadiene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Iodomethane	N.D	N.D.	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Isopropylbenzene	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Naphthalene	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR



QUALITY CONTROL SUMMARY



Page 3 of 18

Styrene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Tetrachloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Tetrahydrofuran	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Toluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Toluene-d8-SURR	20.0	20.0	--	µg/L	N/A	N/A	20.0	100	80	116	N/A	N/A	01/30/18	09:03	KMOR
Trichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Trichlorofluoromethane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Vinyl Acetate	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
Vinyl chloride	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
cis-1,2-Dichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
cis-1,3-Dichloropropene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
m,p-Xylene	N.D	N.D.	U	µg/L	1.8	6.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
n-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
n-Propylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
o-Dichlorobenzene	N.D	N.D.	U	µg/L	1.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
o-Xylene	N.D	N.D.	U	µg/L	2.3	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
sec-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
tert-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
trans-1,2-Dichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
trans-1,3-Dichloropropene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR
trans-1,4-Dichloro-2-butene	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	01/30/18	09:03	KMOR

2800031 - ICV

Reference Sample Number is: 2798578

Analyte Name	Accuracy								Precision						
	Reference Result	QC Result	DQ	Units	MDL	MRL	A/A	Rec. %	Acceptance Criteria		RPD	Acceptance Criteria High Limit	Analysis		
									Low Limit	High Limit			Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	21.2	--	µg/L	1.2	3.0	20.0	106	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,1,1-Trichloroethane	N.D	19.4	--	µg/L	1.2	3.0	20.0	97.0	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,1,2,2-Tetrachloroethane	N.D	20.8	--	µg/L	1.2	3.0	20.0	104	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,1,2-Trichloroethane	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,1-Dichloroethane	N.D	21.0	--	µg/L	2.0	3.0	20.0	105	80	120	N/A	N/A	01/30/18	09:54	KMOR



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC. P.O. BOX 11458, SAN JUAN, P.R. 00910-1458
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QUALITY CONTROL SUMMARY



Page 4 of 18

1,1-Dichloroethene	N.D	21.5	--	µg/L	1.2	3.0	20.0	108	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,1-Dichloropropene	N.D	17.9	--	µg/L	1.4	3.0	20.0	89.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2,3-Trichlorobenzene	N.D	16.6	--	µg/L	1.2	3.0	20.0	82.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2,3-Trichloropropane	N.D	20.0	--	µg/L	1.2	3.0	20.0	100	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2,4-Trichlorobenzene	N.D	18.1	--	µg/L	1.2	3.0	20.0	90.3	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2,4-Trimethylbenzene	N.D	20.7	--	µg/L	1.2	3.0	20.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2-Dibromo-3-chloropropane	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.2	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2-Dibromoethane	N.D	16.1	--	µg/L	1.2	3.0	20.0	80.6	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2-Dichloroethane	N.D	20.5	--	µg/L	1.2	3.0	20.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,2-Dichloropropane	N.D	17.4	--	µg/L	1.2	3.0	20.0	86.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,3,5-Trimethylbenzene	N.D	21.2	--	µg/L	1.2	3.0	20.0	106	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,3-Dichlorobenzene	N.D	19.3	--	µg/L	1.2	3.0	20.0	96.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,3-Dichloropropane	N.D	17.5	--	µg/L	2.0	3.0	20.0	87.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
1,4-Dichlorobenzene	N.D	17.5	--	µg/L	1.2	3.0	20.0	87.5	80	120	N/A	N/A	01/30/18	09:54	KMOR
1-Chlorohexane	N.D	19.9	--	µg/L	1.5	3.0	20.0	99.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
2,2-Dichloropropane	N.D	21.6	--	µg/L	1.2	3.0	20.0	108	80	120	N/A	N/A	01/30/18	09:54	KMOR
2-Butanone	N.D	86.4	--	µg/L	6.0	15.0	100	86.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
2-Chloroethyl vinyl ether	N.D	88.4	--	µg/L	6.0	15.0	100	88.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
2-Chlorotoluene	N.D	20.9	--	µg/L	1.4	3.0	20.0	104	80	120	N/A	N/A	01/30/18	09:54	KMOR
2-Hexanone	N.D	92.4	--	µg/L	6.0	15.0	100	92.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
4-Bromofluorobenzene-SURR	18.7	23.4	--	µg/L	N/A	N/A	20.0	117	79	121	N/A	N/A	01/30/18	09:54	KMOR
4-Chlorotoluene	N.D	21.0	--	µg/L	1.2	3.0	20.0	105	80	120	N/A	N/A	01/30/18	09:54	KMOR
4-Isopropyltoluene	N.D	17.3	--	µg/L	1.4	3.0	20.0	86.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
4-Methyl-2-pentanone	N.D	84.7	--	µg/L	6.0	15.0	100	84.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
Acetone	BDL	103.5	--	µg/L	6.0	15.0	100	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
Acrolein	N.D	458.6	--	µg/L	25.0	75.0	500	91.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
Acrylonitrile	N.D	87.9	--	µg/L	6.0	15.0	100	87.9	80	120	N/A	N/A	01/30/18	09:54	KMOR
Benzene	N.D	17.9	--	µg/L	1.2	3.0	20.0	89.6	80	120	N/A	N/A	01/30/18	09:54	KMOR
Bromobenzene	N.D	21.6	--	µg/L	1.2	3.0	20.0	108	80	120	N/A	N/A	01/30/18	09:54	KMOR
Bromochloromethane	N.D	20.4	--	µg/L	1.2	3.0	20.0	102	80	120	N/A	N/A	01/30/18	09:54	KMOR
Bromodichloromethane	N.D	18.9	--	µg/L	1.2	3.0	20.0	94.6	80	120	N/A	N/A	01/30/18	09:54	KMOR



QUALITY CONTROL SUMMARY



Page 5 of 18

Bromoform	N.D	16.6	--	µg/L	1.2	3.0	20.0	82.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
Bromomethane	N.D	20.7	--	µg/L	2.0	3.0	20.0	104	80	120	N/A	N/A	01/30/18	09:54	KMOR
Carbon disulfide	N.D	110.1	--	µg/L	7.0	15.0	100	110	80	120	N/A	N/A	01/30/18	09:54	KMOR
Carbon tetrachloride	N.D	19.8	--	µg/L	1.2	3.0	20.0	98.9	80	120	N/A	N/A	01/30/18	09:54	KMOR
Chlorobenzene	BDL	20.3	--	µg/L	1.2	3.0	20.0	102	80	120	N/A	N/A	01/30/18	09:54	KMOR
Chloroethane	N.D	23.2	--	µg/L	1.2	3.0	20.0	116	80	120	N/A	N/A	01/30/18	09:54	KMOR
Chloroform	N.D	20.9	--	µg/L	1.2	3.0	20.0	105	80	120	N/A	N/A	01/30/18	09:54	KMOR
Chloromethane	N.D	20.5	--	µg/L	1.2	3.0	20.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
Dibromochloromethane	N.D	17.3	--	µg/L	1.2	3.0	20.0	86.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
Dibromofluoromethane-SURR	22.3	22.9	--	µg/L	N/A	N/A	20.0	114	83	120	N/A	N/A	01/30/18	09:54	KMOR
Dibromomethane	N.D	16.3	--	µg/L	1.5	3.0	20.0	81.7	80	120	N/A	N/A	01/30/18	09:54	KMOR
Dichlorodifluoromethane	N.D	22.7	--	µg/L	1.2	3.0	20.0	113	80	120	N/A	N/A	01/30/18	09:54	KMOR
Dichloromethane	N.D	22.0	--	µg/L	1.2	3.0	20.0	110	80	120	N/A	N/A	01/30/18	09:54	KMOR
Epichlorohydrin	N.D	438.8	--	µg/L	30.0	75.0	500	87.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
Ethylbenzene	N.D	21.4	--	µg/L	1.2	3.0	20.0	107	80	120	N/A	N/A	01/30/18	09:54	KMOR
Hexachlorobutadiene	N.D	17.1	--	µg/L	1.4	3.0	20.0	85.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
Iodomethane	N.D	84.2	--	µg/L	8.0	15.0	100	84.2	80	120	N/A	N/A	01/30/18	09:54	KMOR
Isopropylbenzene	N.D	20.6	--	µg/L	2.0	3.0	20.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
Naphthalene	N.D	18.0	--	µg/L	2.0	3.0	20.0	89.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
Styrene	N.D	20.0	--	µg/L	1.2	3.0	20.0	99.9	80	120	N/A	N/A	01/30/18	09:54	KMOR
Tetrachloroethene	N.D	17.5	--	µg/L	1.2	3.0	20.0	87.3	80	120	N/A	N/A	01/30/18	09:54	KMOR
Tetrahydrofuran	N.D	20.1	--	µg/L	1.2	3.0	20.0	101	80	120	N/A	N/A	01/30/18	09:54	KMOR
Toluene	N.D	16.5	--	µg/L	1.2	3.0	20.0	82.4	80	120	N/A	N/A	01/30/18	09:54	KMOR
Toluene-d8-SURR	20.0	20.7	--	µg/L	N/A	N/A	20.0	103	80	116	N/A	N/A	01/30/18	09:54	KMOR
Trichloroethene	N.D	17.2	--	µg/L	1.2	3.0	20.0	85.9	80	120	N/A	N/A	01/30/18	09:54	KMOR
Trichlorofluoromethane	N.D	23.9	--	µg/L	1.5	3.0	20.0	120	80	120	N/A	N/A	01/30/18	09:54	KMOR
Vinyl Acetate	N.D	92.1	--	µg/L	6.0	15.0	100	92.1	80	120	N/A	N/A	01/30/18	09:54	KMOR
Vinyl chloride	N.D	21.7	--	µg/L	1.2	3.0	20.0	109	80	120	N/A	N/A	01/30/18	09:54	KMOR
cis-1,2-Dichloroethene	N.D	18.1	--	µg/L	1.2	3.0	20.0	90.3	80	120	N/A	N/A	01/30/18	09:54	KMOR
cis-1,3-Dichloropropene	N.D	16.9	--	µg/L	1.2	3.0	20.0	84.3	80	120	N/A	N/A	01/30/18	09:54	KMOR
m,p-Xylene	N.D	41.3	--	µg/L	1.8	6.0	40.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR



QUALITY CONTROL SUMMARY



Page 6 of 18

n-Butylbenzene	N.D	18.1	--	µg/L	1.2	3.0	20.0	90.3	80	120	N/A	N/A	01/30/18	09:54	KMOR
n-Propylbenzene	N.D	21.6	--	µg/L	1.2	3.0	20.0	108	80	120	N/A	N/A	01/30/18	09:54	KMOR
o-Dichlorobenzene	N.D	16.7	--	µg/L	1.0	3.0	20.0	83.6	80	120	N/A	N/A	01/30/18	09:54	KMOR
o-Xylene	N.D	20.0	--	µg/L	2.3	3.0	20.0	99.8	80	120	N/A	N/A	01/30/18	09:54	KMOR
sec-Butylbenzene	N.D	21.7	--	µg/L	1.2	3.0	20.0	108	80	120	N/A	N/A	01/30/18	09:54	KMOR
tert-Butylbenzene	N.D	20.8	--	µg/L	1.2	3.0	20.0	104	80	120	N/A	N/A	01/30/18	09:54	KMOR
trans-1,2-Dichloroethene	N.D	20.5	--	µg/L	1.2	3.0	20.0	103	80	120	N/A	N/A	01/30/18	09:54	KMOR
trans-1,3-Dichloropropene	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	80	120	N/A	N/A	01/30/18	09:54	KMOR
trans-1,4-Dichloro-2-butene	N.D	96.8	--	µg/L	6.0	15.0	100	96.8	80	120	N/A	N/A	01/30/18	09:54	KMOR

2800041 - DUP

Reference Sample Number is: 2798588

2800041 - DUP							Accuracy				Precision				
Reference Sample Number is: 2798588															
	Reference	QC							Acceptance Criteria			Acceptance Criteria	Analysis		
Analyte Name	Result	Result	DQ	Units	MDL	MRL	A/A	Rec. %	Low Limit	High Limit	RPD	High Limit	Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1,1-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1,2,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1,2-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1-Dichloroethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1-Dichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,1-Dichloropropene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2,3-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2,3-Trichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2,4-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2,4-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2-Dibromo-3-chloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2-Dibromoethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2-Dichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,3,5-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,3-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

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QUALITY CONTROL SUMMARY



Page 7 of 18

1,3-Dichloropropane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1,4-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
1-Chlorohexane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
2,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
2-Butanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
2-Chloroethyl vinyl ether	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
2-Chlorotoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
2-Hexanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
4-Bromofluorobenzene-SURR	18.6	18.6	--	µg/L	N/A	N/A	20.0	93.2	71	125	N/A	N/A	01/30/18	14:40	KMOR
4-Chlorotoluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
4-Isopropyltoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
4-Methyl-2-pentanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Acetone	BDL	BDL	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N.C.	20	01/30/18	14:40	KMOR
Acrolein	N.D	N.D.	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Acrylonitrile	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Benzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Bromobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Bromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Bromodichloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Bromoform	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Bromomethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Carbon disulfide	N.D	N.D.	U	µg/L	7.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Carbon tetrachloride	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Chlorobenzene	8.2	8.5	--	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N.C.	20	01/30/18	14:40	KMOR
Chloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Chloroform	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Chloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Dibromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Dibromofluoromethane-SURR	22.8	22.2	--	µg/L	N/A	N/A	20.0	111	76	123	N/A	N/A	01/30/18	14:40	KMOR
Dibromomethane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Dichlorodifluoromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR



QUALITY CONTROL SUMMARY



Page 8 of 18

Dichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Epichlorohydrin	N.D.	N.D.	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Ethylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Hexachlorobutadiene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Iodomethane	N.D.	N.D.	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Isopropylbenzene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Naphthalene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Styrene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Tetrachloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Tetrahydrofuran	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Toluene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Toluene-d8-SURR	20.7	20.4	--	µg/L	N/A	N/A	20.0	102	77	122	N/A	N/A	01/30/18	14:40	KMOR
Trichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Trichlorofluoromethane	N.D.	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Vinyl Acetate	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
Vinyl chloride	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
cis-1,2-Dichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
cis-1,3-Dichloropropene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
m,p-Xylene	N.D.	N.D.	U	µg/L	1.8	6.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
n-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
n-Propylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
o-Dichlorobenzene	N.D.	N.D.	U	µg/L	1.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
o-Xylene	N.D.	N.D.	U	µg/L	2.3	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
sec-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
tert-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
trans-1,2-Dichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
trans-1,3-Dichloropropene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR
trans-1,4-Dichloro-2-butene	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	14:40	KMOR



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

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QUALITY CONTROL SUMMARY



2800027 - DUP

Reference Sample Number is: 2798589

2800027 - DUP							Accuracy				Precision				
Reference Sample Number is: 2798589															
Analyte Name	Reference Result	QC Result	DQ	Units	MDL	MRL	A/A	Rec. %	Acceptance Criteria		RPD	Acceptance Criteria	Analysis		
									Low Limit	High Limit		High Limit	Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1,1-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1,2,2-Tetrachloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1,2-Trichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1-Dichloroethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1-Dichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,1-Dichloropropene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2,3-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2,3-Trichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2,4-Trichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2,4-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2-Dibromo-3-chloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2-Dibromoethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2-Dichloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,3,5-Trimethylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,3-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,3-Dichloropropane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1,4-Dichlorobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
1-Chlorohexane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
2,2-Dichloropropane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
2-Butanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
2-Chloroethyl vinyl ether	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
2-Chlorotoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
2-Hexanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
4-Bromofluorobenzene-SURR	18.5	18.6	--	µg/L	N/A	N/A	20.0	92.8	71	125	N/A	N/A	01/30/18	17:46	KMOR
4-Chlorotoluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR



QUALITY CONTROL SUMMARY



Page 10 of 18

4-Isopropyltoluene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
4-Methyl-2-pentanone	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Acetone	6.8	7.8	J	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N.C.	20	01/30/18	17:46	KMOR
Acrolein	N.D.	N.D.	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Acrylonitrile	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Benzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Bromobenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Bromochloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Bromodichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Bromoform	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Bromomethane	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Carbon disulfide	N.D.	N.D.	U	µg/L	7.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Carbon tetrachloride	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Chlorobenzene	20.4	20.0	--	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	1.98	20	01/30/18	17:46	KMOR
Chloroethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Chloroform	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Chloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Dibromochloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Dibromofluoromethane-SURR	22.5	22.6	--	µg/L	N/A	N/A	20.0	113	76	123	N/A	N/A	01/30/18	17:46	KMOR
Dibromomethane	N.D.	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Dichlorodifluoromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Dichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Epichlorohydrin	N.D.	N.D.	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Ethylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Hexachlorobutadiene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Iodomethane	N.D.	N.D.	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Isopropylbenzene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Naphthalene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Styrene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Tetrachloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Tetrahydrofuran	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR



QUALITY CONTROL SUMMARY



Page 11 of 18

Toluene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Toluene-d8-SURR	19.9	20.3	--	µg/L	N/A	N/A	20.0	101	77	122	N/A	N/A	01/30/18	17:46	KMOR
Trichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Trichlorofluoromethane	N.D.	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Vinyl Acetate	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
Vinyl chloride	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
cis-1,2-Dichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
cis-1,3-Dichloropropene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
m,p-Xylene	N.D.	N.D.	U	µg/L	1.8	6.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
n-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
n-Propylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
o-Dichlorobenzene	N.D.	N.D.	U	µg/L	1.0	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
o-Xylene	N.D.	N.D.	U	µg/L	2.3	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
sec-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
tert-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
trans-1,2-Dichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
trans-1,3-Dichloropropene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR
trans-1,4-Dichloro-2-butene	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	01/30/18	17:46	KMOR

2800026 - MS

Reference Sample Number is: 2798578

2800026 - MS								Accuracy			Precision				
Reference Sample Number is: 2798578															
	Reference	QC							Acceptance Criteria			Acceptance Criteria	Analysis		
Analyte Name	Result	Result	DQ	Units	MDL	MRL	A/A	Rec. %	Low Limit	High Limit	RPD	High Limit	Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	67	124	N/A	N/A	01/30/18	18:12	KMOR
1,1,1-Trichloroethane	N.D	20.3	--	µg/L	1.2	3.0	20.0	102	69	140	N/A	N/A	01/30/18	18:12	KMOR
1,1,2,2-Tetrachloroethane	N.D	17.2	--	µg/L	1.2	3.0	20.0	86.0	64	122	N/A	N/A	01/30/18	18:12	KMOR
1,1,2-Trichloroethane	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	78	125	N/A	N/A	01/30/18	18:12	KMOR
1,1-Dichloroethane	N.D	19.6	--	µg/L	2.0	3.0	20.0	98.0	56	141	N/A	N/A	01/30/18	18:12	KMOR
1,1-Dichloroethene	N.D	20.6	--	µg/L	1.2	3.0	20.0	103	44	155	N/A	N/A	01/30/18	18:12	KMOR
1,1-Dichloropropene	N.D	18.6	--	µg/L	1.4	3.0	20.0	93.0	83	110	N/A	N/A	01/30/18	18:12	KMOR
1,2,3-Trichlorobenzene	N.D	14.8	--	µg/L	1.2	3.0	20.0	74.0	71	119	N/A	N/A	01/30/18	18:12	KMOR



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC. P.O. BOX 11458, SAN JUAN, P.R. 00910-1458
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QUALITY CONTROL SUMMARY



Page 12 of 18

1,2,3-Trichloropropane	N.D	16.7	--	µg/L	1.2	3.0	20.0	83.5	47	131	N/A	N/A	01/30/18	18:12	KMOR
1,2,4-Trichlorobenzene	N.D	14.7	--	µg/L	1.2	3.0	20.0	73.5	53	139	N/A	N/A	01/30/18	18:12	KMOR
1,2,4-Trimethylbenzene	N.D	17.0	--	µg/L	1.2	3.0	20.0	85.0	52	141	N/A	N/A	01/30/18	18:12	KMOR
1,2-Dibromo-3-chloropropane	N.D	12.1	Q	µg/L	1.2	3.0	20.0	60.5	67	140	N/A	N/A	01/30/18	18:12	KMOR
1,2-Dibromoethane	N.D	16.0	--	µg/L	1.2	3.0	20.0	80.0	66	140	N/A	N/A	01/30/18	18:12	KMOR
1,2-Dichloroethane	N.D	21.1	--	µg/L	1.2	3.0	20.0	106	60	139	N/A	N/A	01/30/18	18:12	KMOR
1,2-Dichloropropane	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.0	71	121	N/A	N/A	01/30/18	18:12	KMOR
1,3,5-Trimethylbenzene	N.D	17.3	--	µg/L	1.2	3.0	20.0	86.5	61	125	N/A	N/A	01/30/18	18:12	KMOR
1,3-Dichlorobenzene	N.D	15.8	--	µg/L	1.2	3.0	20.0	79.0	61	129	N/A	N/A	01/30/18	18:12	KMOR
1,3-Dichloropropane	N.D	17.3	--	µg/L	2.0	3.0	20.0	86.5	69	124	N/A	N/A	01/30/18	18:12	KMOR
1,4-Dichlorobenzene	N.D	17.1	--	µg/L	1.2	3.0	20.0	85.5	73	122	N/A	N/A	01/30/18	18:12	KMOR
1-Chlorohexane	N.D	14.0	--	µg/L	1.5	3.0	20.0	70.0	48	136	N/A	N/A	01/30/18	18:12	KMOR
2,2-Dichloropropane	N.D	9.5	--	µg/L	1.2	3.0	20.0	47.5	13	157	N/A	N/A	01/30/18	18:12	KMOR
2-Butanone	N.D	78.1	--	µg/L	6.0	15.0	100	78.1	43	151	N/A	N/A	01/30/18	18:12	KMOR
2-Chloroethyl vinyl ether	N.D	N.D.	U	µg/L	6.0	15.0	100	N/A	10	178	N/A	N/A	01/30/18	18:12	KMOR
2-Chlorotoluene	N.D	17.1	--	µg/L	1.4	3.0	20.0	85.5	64	139	N/A	N/A	01/30/18	18:12	KMOR
2-Hexanone	N.D	73.6	--	µg/L	6.0	15.0	100	73.6	53	147	N/A	N/A	01/30/18	18:12	KMOR
4-Bromofluorobenzene-SURR	18.7	20.5	--	µg/L	N/A	N/A	20.0	102	71	125	N/A	N/A	01/30/18	18:12	KMOR
4-Chlorotoluene	N.D	17.2	--	µg/L	1.2	3.0	20.0	86.0	64	128	N/A	N/A	01/30/18	18:12	KMOR
4-Isopropyltoluene	N.D	16.3	--	µg/L	1.4	3.0	20.0	81.5	66	129	N/A	N/A	01/30/18	18:12	KMOR
4-Methyl-2-pentanone	N.D	83.4	--	µg/L	6.0	15.0	100	83.4	57	143	N/A	N/A	01/30/18	18:12	KMOR
Acetone	BDL	102.4	--	µg/L	6.0	15.0	100	102	33	154	N/A	N/A	01/30/18	18:12	KMOR
Acrolein	N.D	416.5	--	µg/L	25.0	75.0	500	83.3	47	157	N/A	N/A	01/30/18	18:12	KMOR
Acrylonitrile	N.D	79.8	--	µg/L	6.0	15.0	100	79.8	34	160	N/A	N/A	01/30/18	18:12	KMOR
Benzene	N.D	18.6	--	µg/L	1.2	3.0	20.0	93.0	65	139	N/A	N/A	01/30/18	18:12	KMOR
Bromobenzene	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	64	120	N/A	N/A	01/30/18	18:12	KMOR
Bromochloromethane	N.D	18.7	--	µg/L	1.2	3.0	20.0	93.5	49	150	N/A	N/A	01/30/18	18:12	KMOR
Bromodichloromethane	N.D	19.4	--	µg/L	1.2	3.0	20.0	97.0	64	141	N/A	N/A	01/30/18	18:12	KMOR
Bromoform	N.D	15.6	--	µg/L	1.2	3.0	20.0	78.0	61	132	N/A	N/A	01/30/18	18:12	KMOR
Bromomethane	N.D	23.4	--	µg/L	2.0	3.0	20.0	117	35	163	N/A	N/A	01/30/18	18:12	KMOR
Carbon disulfide	N.D	103.2	--	µg/L	7.0	15.0	100	103	48	158	N/A	N/A	01/30/18	18:12	KMOR



QUALITY CONTROL SUMMARY



Page 13 of 18

Carbon tetrachloride	N.D	20.7	--	µg/L	1.2	3.0	20.0	104	73	137	N/A	N/A	01/30/18	18:12	KMOR
Chlorobenzene	BDL	17.5	--	µg/L	1.2	3.0	20.0	87.5	68	121	N/A	N/A	01/30/18	18:12	KMOR
Chloroethane	N.D	22.7	--	µg/L	1.2	3.0	20.0	114	50	142	N/A	N/A	01/30/18	18:12	KMOR
Chloroform	N.D	19.2	--	µg/L	1.2	3.0	20.0	96.0	59	140	N/A	N/A	01/30/18	18:12	KMOR
Chloromethane	N.D	24.2	--	µg/L	1.2	3.0	20.0	121	42	139	N/A	N/A	01/30/18	18:12	KMOR
Dibromochloromethane	N.D	15.2	--	µg/L	1.2	3.0	20.0	76.0	67	137	N/A	N/A	01/30/18	18:12	KMOR
Dibromofluoromethane-SURR	22.3	23.3	--	µg/L	N/A	N/A	20.0	116	76	123	N/A	N/A	01/30/18	18:12	KMOR
Dibromomethane	N.D	15.7	--	µg/L	1.5	3.0	20.0	78.5	72	139	N/A	N/A	01/30/18	18:12	KMOR
Dichlorodifluoromethane	N.D	18.1	--	µg/L	1.2	3.0	20.0	90.5	42	157	N/A	N/A	01/30/18	18:12	KMOR
Dichloromethane	N.D	24.6	--	µg/L	1.2	3.0	20.0	123	56	135	N/A	N/A	01/30/18	18:12	KMOR
Epichlorohydrin	N.D	271.3	--	µg/L	30.0	75.0	500	54.3	37	129	N/A	N/A	01/30/18	18:12	KMOR
Ethylbenzene	N.D	17.9	--	µg/L	1.2	3.0	20.0	89.5	58	136	N/A	N/A	01/30/18	18:12	KMOR
Hexachlorobutadiene	N.D	15.0	--	µg/L	1.4	3.0	20.0	75.0	62	124	N/A	N/A	01/30/18	18:12	KMOR
Iodomethane	N.D	68.3	--	µg/L	8.0	15.0	100	68.3	45	148	N/A	N/A	01/30/18	18:12	KMOR
Isopropylbenzene	N.D	16.8	--	µg/L	2.0	3.0	20.0	84.0	64	122	N/A	N/A	01/30/18	18:12	KMOR
Naphthalene	N.D	17.2	--	µg/L	2.0	3.0	20.0	86.0	66	135	N/A	N/A	01/30/18	18:12	KMOR
Styrene	N.D	16.4	--	µg/L	1.2	3.0	20.0	82.0	65	123	N/A	N/A	01/30/18	18:12	KMOR
Tetrachloroethene	N.D	17.0	--	µg/L	1.2	3.0	20.0	85.0	64	138	N/A	N/A	01/30/18	18:12	KMOR
Tetrahydrofuran	N.D	16.3	--	µg/L	1.2	3.0	20.0	81.5	51	147	N/A	N/A	01/30/18	18:12	KMOR
Toluene	N.D	16.6	--	µg/L	1.2	3.0	20.0	83.0	65	140	N/A	N/A	01/30/18	18:12	KMOR
Toluene-d8-SURR	20.0	20.3	--	µg/L	N/A	N/A	20.0	101	77	122	N/A	N/A	01/30/18	18:12	KMOR
Trichloroethene	N.D	17.5	--	µg/L	1.2	3.0	20.0	87.5	76	126	N/A	N/A	01/30/18	18:12	KMOR
Trichlorofluoromethane	N.D	24.3	--	µg/L	1.5	3.0	20.0	122	60	144	N/A	N/A	01/30/18	18:12	KMOR
Vinyl Acetate	N.D	82.5	--	µg/L	6.0	15.0	100	82.5	52	141	N/A	N/A	01/30/18	18:12	KMOR
Vinyl chloride	N.D	21.3	--	µg/L	1.2	3.0	20.0	107	39	151	N/A	N/A	01/30/18	18:12	KMOR
cis-1,2-Dichloroethene	N.D	16.1	--	µg/L	1.2	3.0	20.0	80.5	66	127	N/A	N/A	01/30/18	18:12	KMOR
cis-1,3-Dichloropropene	N.D	13.1	--	µg/L	1.2	3.0	20.0	65.5	57	131	N/A	N/A	01/30/18	18:12	KMOR
m,p-Xylene	N.D	34.2	--	µg/L	1.8	6.0	40.0	85.5	56	145	N/A	N/A	01/30/18	18:12	KMOR
n-Butylbenzene	N.D	16.4	--	µg/L	1.2	3.0	20.0	82.0	72	114	N/A	N/A	01/30/18	18:12	KMOR
n-Propylbenzene	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.0	61	123	N/A	N/A	01/30/18	18:12	KMOR
o-Dichlorobenzene	N.D	16.4	--	µg/L	1.0	3.0	20.0	82.0	73	124	N/A	N/A	01/30/18	18:12	KMOR



QUALITY CONTROL SUMMARY



Page 14 of 18

o-Xylene	N.D	16.4	--	µg/L	2.3	3.0	20.0	82.0	54	143	N/A	N/A	01/30/18	18:12	KMOR
sec-Butylbenzene	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.0	64	114	N/A	N/A	01/30/18	18:12	KMOR
tert-Butylbenzene	N.D	17.2	--	µg/L	1.2	3.0	20.0	86.0	68	113	N/A	N/A	01/30/18	18:12	KMOR
trans-1,2-Dichloroethene	N.D	18.9	--	µg/L	1.2	3.0	20.0	94.5	56	146	N/A	N/A	01/30/18	18:12	KMOR
trans-1,3-Dichloropropene	N.D	13.9	--	µg/L	1.2	3.0	20.0	69.5	59	130	N/A	N/A	01/30/18	18:12	KMOR
trans-1,4-Dichloro-2-butene	N.D	62.3	--	µg/L	6.0	15.0	100	62.3	47	129	N/A	N/A	01/30/18	18:12	KMOR

2800037 - LFB

Reference Sample Number is: 2798578

Reference QC									Acceptance Criteria			Acceptance Criteria	Analysis		
Analyte Name	Result	Result	DQ	Units	MDL	MRL	A/A	Rec. %	Low Limit	High Limit	RPD	High Limit	Date	Time	By
1,1,1,2-Tetrachloroethane	N.D	19.1	--	µg/L	1.2	3.0	20.0	95.5	67	126	N/A	N/A	01/30/18	20:22	KMOR
1,1,1-Trichloroethane	N.D	20.7	--	µg/L	1.2	3.0	20.0	104	64	139	N/A	N/A	01/30/18	20:22	KMOR
1,1,2,2-Tetrachloroethane	N.D	18.3	--	µg/L	1.2	3.0	20.0	91.5	60	131	N/A	N/A	01/30/18	20:22	KMOR
1,1,2-Trichloroethane	N.D	19.3	--	µg/L	1.2	3.0	20.0	96.5	70	129	N/A	N/A	01/30/18	20:22	KMOR
1,1-Dichloroethane	N.D	19.1	--	µg/L	2.0	3.0	20.0	95.5	63	133	N/A	N/A	01/30/18	20:22	KMOR
1,1-Dichloroethene	N.D	20.9	--	µg/L	1.2	3.0	20.0	105	55	139	N/A	N/A	01/30/18	20:22	KMOR
1,1-Dichloropropene	N.D	19.4	--	µg/L	1.4	3.0	20.0	97.0	67	131	N/A	N/A	01/30/18	20:22	KMOR
1,2,3-Trichlorobenzene	N.D	17.3	--	µg/L	1.2	3.0	20.0	86.5	68	131	N/A	N/A	01/30/18	20:22	KMOR
1,2,3-Trichloropropane	N.D	18.0	--	µg/L	1.2	3.0	20.0	90.0	52	131	N/A	N/A	01/30/18	20:22	KMOR
1,2,4-Trichlorobenzene	N.D	17.1	--	µg/L	1.2	3.0	20.0	85.5	51	132	N/A	N/A	01/30/18	20:22	KMOR
1,2,4-Trimethylbenzene	N.D	17.9	--	µg/L	1.2	3.0	20.0	89.5	63	129	N/A	N/A	01/30/18	20:22	KMOR
1,2-Dibromo-3-chloropropane	N.D	19.8	--	µg/L	1.2	3.0	20.0	99.0	66	139	N/A	N/A	01/30/18	20:22	KMOR
1,2-Dibromoethane	N.D	17.8	--	µg/L	1.2	3.0	20.0	89.0	76	126	N/A	N/A	01/30/18	20:22	KMOR
1,2-Dichloroethane	N.D	21.7	--	µg/L	1.2	3.0	20.0	109	60	136	N/A	N/A	01/30/18	20:22	KMOR
1,2-Dichloropropane	N.D	19.1	--	µg/L	1.2	3.0	20.0	95.5	70	124	N/A	N/A	01/30/18	20:22	KMOR
1,3,5-Trimethylbenzene	N.D	18.3	--	µg/L	1.2	3.0	20.0	91.5	68	123	N/A	N/A	01/30/18	20:22	KMOR
1,3-Dichlorobenzene	N.D	17.2	--	µg/L	1.2	3.0	20.0	86.0	62	127	N/A	N/A	01/30/18	20:22	KMOR
1,3-Dichloropropane	N.D	19.1	--	µg/L	2.0	3.0	20.0	95.5	74	124	N/A	N/A	01/30/18	20:22	KMOR
1,4-Dichlorobenzene	N.D	18.7	--	µg/L	1.2	3.0	20.0	93.5	73	123	N/A	N/A	01/30/18	20:22	KMOR
1-Chlorohexane	N.D	15.9	--	µg/L	1.5	3.0	20.0	79.5	56	139	N/A	N/A	01/30/18	20:22	KMOR



The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E87783 at www.eqlab.com.

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QUALITY CONTROL SUMMARY



Page 15 of 18

2,2-Dichloropropane	N.D	19.0	--	µg/L	1.2	3.0	20.0	95.0	37	148	N/A	N/A	01/30/18	20:22	KMOR
2-Butanone	N.D	80.4	--	µg/L	6.0	15.0	100	80.4	57	136	N/A	N/A	01/30/18	20:22	KMOR
2-Chloroethyl vinyl ether	N.D	78.9	--	µg/L	6.0	15.0	100	78.9	47	143	N/A	N/A	01/30/18	20:22	KMOR
2-Chlorotoluene	N.D	18.3	--	µg/L	1.4	3.0	20.0	91.5	66	127	N/A	N/A	01/30/18	20:22	KMOR
2-Hexanone	N.D	80.0	--	µg/L	6.0	15.0	100	80.0	62	136	N/A	N/A	01/30/18	20:22	KMOR
4-Bromofluorobenzene-SURR	18.7	20.5	--	µg/L	N/A	N/A	20.0	102	79	121	N/A	N/A	01/30/18	20:22	KMOR
4-Chlorotoluene	N.D	18.3	--	µg/L	1.2	3.0	20.0	91.5	63	125	N/A	N/A	01/30/18	20:22	KMOR
4-Isopropyltoluene	N.D	18.1	--	µg/L	1.4	3.0	20.0	90.5	68	131	N/A	N/A	01/30/18	20:22	KMOR
4-Methyl-2-pentanone	N.D	90.4	--	µg/L	6.0	15.0	100	90.4	62	135	N/A	N/A	01/30/18	20:22	KMOR
Acetone	BDL	94.1	--	µg/L	6.0	15.0	100	94.1	46	142	N/A	N/A	01/30/18	20:22	KMOR
Acrolein	N.D	539.2	--	µg/L	25.0	75.0	500	108	40	153	N/A	N/A	01/30/18	20:22	KMOR
Acrylonitrile	N.D	80.7	--	µg/L	6.0	15.0	100	80.7	53	141	N/A	N/A	01/30/18	20:22	KMOR
Benzene	N.D	19.2	--	µg/L	1.2	3.0	20.0	96.0	66	131	N/A	N/A	01/30/18	20:22	KMOR
Bromobenzene	N.D	19.2	--	µg/L	1.2	3.0	20.0	96.0	61	126	N/A	N/A	01/30/18	20:22	KMOR
Bromochloromethane	N.D	18.9	--	µg/L	1.2	3.0	20.0	94.5	60	133	N/A	N/A	01/30/18	20:22	KMOR
Bromodichloromethane	N.D	20.7	--	µg/L	1.2	3.0	20.0	104	72	129	N/A	N/A	01/30/18	20:22	KMOR
Bromoform	N.D	14.3	--	µg/L	1.2	3.0	20.0	71.5	61	130	N/A	N/A	01/30/18	20:22	KMOR
Bromomethane	N.D	21.9	--	µg/L	2.0	3.0	20.0	110	47	151	N/A	N/A	01/30/18	20:22	KMOR
Carbon disulfide	N.D	105.7	--	µg/L	7.0	15.0	100	106	58	140	N/A	N/A	01/30/18	20:22	KMOR
Carbon tetrachloride	N.D	21.4	--	µg/L	1.2	3.0	20.0	107	69	134	N/A	N/A	01/30/18	20:22	KMOR
Chlorobenzene	BDL	18.1	--	µg/L	1.2	3.0	20.0	90.5	67	122	N/A	N/A	01/30/18	20:22	KMOR
Chloroethane	N.D	22.1	--	µg/L	1.2	3.0	20.0	111	47	144	N/A	N/A	01/30/18	20:22	KMOR
Chloroform	N.D	20.0	--	µg/L	1.2	3.0	20.0	100	61	134	N/A	N/A	01/30/18	20:22	KMOR
Chloromethane	N.D	22.4	--	µg/L	1.2	3.0	20.0	112	43	142	N/A	N/A	01/30/18	20:22	KMOR
Dibromochloromethane	N.D	16.7	--	µg/L	1.2	3.0	20.0	83.5	69	134	N/A	N/A	01/30/18	20:22	KMOR
Dibromofluoromethane-SURR	22.3	22.6	--	µg/L	N/A	N/A	20.0	113	83	120	N/A	N/A	01/30/18	20:22	KMOR
Dibromomethane	N.D	17.9	--	µg/L	1.5	3.0	20.0	89.5	76	131	N/A	N/A	01/30/18	20:22	KMOR
Dichlorodifluoromethane	N.D	21.6	--	µg/L	1.2	3.0	20.0	108	49	145	N/A	N/A	01/30/18	20:22	KMOR
Dichloromethane	N.D	23.6	--	µg/L	1.2	3.0	20.0	118	62	129	N/A	N/A	01/30/18	20:22	KMOR
Epichlorohydrin	N.D	525.5	--	µg/L	30.0	75.0	500	105	52	134	N/A	N/A	01/30/18	20:22	KMOR
Ethylbenzene	N.D	18.6	--	µg/L	1.2	3.0	20.0	93.0	69	131	N/A	N/A	01/30/18	20:22	KMOR



QUALITY CONTROL SUMMARY



Page 16 of 18

Hexachlorobutadiene	N.D	17.3	--	µg/L	1.4	3.0	20.0	86.5	51	139	N/A	N/A	01/30/18	20:22	KMOR
Iodomethane	N.D	94.1	--	µg/L	8.0	15.0	100	94.1	54	143	N/A	N/A	01/30/18	20:22	KMOR
Isopropylbenzene	N.D	18.0	--	µg/L	2.0	3.0	20.0	90.0	69	121	N/A	N/A	01/30/18	20:22	KMOR
Naphthalene	N.D	16.4	--	µg/L	2.0	3.0	20.0	82.0	71	134	N/A	N/A	01/30/18	20:22	KMOR
Styrene	N.D	17.7	--	µg/L	1.2	3.0	20.0	88.5	65	127	N/A	N/A	01/30/18	20:22	KMOR
Tetrachloroethene	N.D	18.0	--	µg/L	1.2	3.0	20.0	90.0	62	135	N/A	N/A	01/30/18	20:22	KMOR
Tetrahydrofuran	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.0	67	134	N/A	N/A	01/30/18	20:22	KMOR
Toluene	N.D	17.6	--	µg/L	1.2	3.0	20.0	88.0	59	143	N/A	N/A	01/30/18	20:22	KMOR
Toluene-d8-SURR	20.0	20.5	--	µg/L	N/A	N/A	20.0	103	80	116	N/A	N/A	01/30/18	20:22	KMOR
Trichloroethene	N.D	18.5	--	µg/L	1.2	3.0	20.0	92.5	67	138	N/A	N/A	01/30/18	20:22	KMOR
Trichlorofluoromethane	N.D	20.6	--	µg/L	1.5	3.0	20.0	103	45	157	N/A	N/A	01/30/18	20:22	KMOR
Vinyl Acetate	N.D	77.0	--	µg/L	6.0	15.0	100	77.0	53	144	N/A	N/A	01/30/18	20:22	KMOR
Vinyl chloride	N.D	22.7	--	µg/L	1.2	3.0	20.0	114	52	140	N/A	N/A	01/30/18	20:22	KMOR
cis-1,2-Dichloroethene	N.D	17.1	--	µg/L	1.2	3.0	20.0	85.5	71	128	N/A	N/A	01/30/18	20:22	KMOR
cis-1,3-Dichloropropene	N.D	16.4	--	µg/L	1.2	3.0	20.0	82.0	63	125	N/A	N/A	01/30/18	20:22	KMOR
m,p-Xylene	N.D	36.3	--	µg/L	1.8	6.0	40.0	90.8	63	130	N/A	N/A	01/30/18	20:22	KMOR
n-Butylbenzene	N.D	18.0	--	µg/L	1.2	3.0	20.0	90.0	67	127	N/A	N/A	01/30/18	20:22	KMOR
n-Propylbenzene	N.D	18.4	--	µg/L	1.2	3.0	20.0	92.0	64	124	N/A	N/A	01/30/18	20:22	KMOR
o-Dichlorobenzene	N.D	18.2	--	µg/L	1.0	3.0	20.0	91.0	75	121	N/A	N/A	01/30/18	20:22	KMOR
o-Xylene	N.D	17.7	--	µg/L	2.3	3.0	20.0	88.5	66	124	N/A	N/A	01/30/18	20:22	KMOR
sec-Butylbenzene	N.D	18.6	--	µg/L	1.2	3.0	20.0	93.0	66	122	N/A	N/A	01/30/18	20:22	KMOR
tert-Butylbenzene	N.D	18.1	--	µg/L	1.2	3.0	20.0	90.5	65	126	N/A	N/A	01/30/18	20:22	KMOR
trans-1,2-Dichloroethene	N.D	18.7	--	µg/L	1.2	3.0	20.0	93.5	66	129	N/A	N/A	01/30/18	20:22	KMOR
trans-1,3-Dichloropropene	N.D	15.2	--	µg/L	1.2	3.0	20.0	76.0	60	131	N/A	N/A	01/30/18	20:22	KMOR
trans-1,4-Dichloro-2-butene	N.D	101.2	--	µg/L	6.0	15.0	100	101	53	123	N/A	N/A	01/30/18	20:22	KMOR



QUALITY CONTROL SUMMARY



Footnotes:

Data Qualifiers (DQ) to be used by EQLab are listed below:

B – Analyte was detected in the blank.

D – Diluted Sample.

J – The reported result is an estimated value (e.g., matrix interference was observed or the analyte was detected at a concentration outside the quantitation range and/or final result was found between MDL and MRL).

N – Non-target analyte.

P – Does not meet preservation criteria (e.g. does not meet arrival temperature criteria or acid/base preservation criteria or incorrect container, among others).

Q – One or more quality control criteria failed (e.g., fails in Holding Time, LFB/LCS recovery, surrogate (SURR) spike recovery, matrix spike recovery or CCV recovery, out of RPD acceptance criteria among other).

R – Recognition Level. ND Results are reported “<PTRL” – Pattern Recognition Level (applicable for EPA 508 (PCB) mixtures (Aroclors), Toxaphene, and Chlordane only).

T – Thomas Formula (applicable for Microbiology testing only). The combination of positives tubes did not appear in Table 9221.IV. SM 9221C “Estimation of Bacterial Density”

U – Analyte was not detected and is reported as less than the MDL or as defined by the client. The MDL has been adjusted for any dilution or concentration of the sample.

Definitions:

A / A – Amount Added

ASTM – American Society for Testing and Materials

BDL – Below Detection Limit

CCB – Continues Calibration Blank

CCV – Continues Calibration Verification

DNI – Does not Ignite

DQ – Data Qualifiers

DUP – Duplicate

LRB – Laboratory Reagent Blank

MB – Method Blank

MCL – Maximum Contaminant Level

MDL – Method Detection Limit

MO – Monitoring Only

MRL – Minimum Reporting Limit

MS – Matrix Spike



QUALITY CONTROL SUMMARY



EB/ ERB – Equipment Blank / Equipment Reagent Blank
EPA – Environmental Protection Agency
EQLab – Environmental Quality Laboratories, Inc.
FB – Field Blank
FD – Field Duplicate
FRB – Field Reagent Blank
ICB – Initial Calibration Blank
ICV – Initial Calibration Verification
LCS – Laboratory Control Sample
LFB – Laboratory Fortified Blank
LFBD – Laboratory Fortified Blank Duplicate

MSD – Matrix Spike Duplicate
N/A – Not Applicable
N.D. – Not Detected
NELAC – National Environmental Laboratory Accreditation Conference
PRDOH – Puerto Rico Department of Health
PTRL – Pattern Recognition Level
TB – Trip Blank
Rec. – Recovery
RPD – Relative Percent Difference
SM – Standard Method
SURR – Surrogate

Formulas:

1. The Relative Percent Difference (RPD) is calculated as follows:

$$RPD = \left\{ \left[\frac{\text{QC Final Result} - \text{Reference Final Result}}{\text{QC Final Result} + \text{Reference Final Result}} \right] \times 100 \right\}$$

$$RPD \text{ Micro} = (\log_{10} \text{QC Final Result}) - (\log_{10} \text{Reference Final Result}) \quad (\text{Expressed as Precision})$$

The RPD applies to the following Quality Controls: DUP, MSD, LFBD. The RPD is reported N.C. when the QC Final Result is less than ten times the value of MDL. The RPD general acceptance criteria is as close to zero as possible; no more than 20% for all matrices except Solid / Soil which is < or = 40%.

2. The Recovery Percentage (% Rec) is calculated as follows:

$$\%Rec = \left[\left(\frac{\text{QC Final Result}}{\text{QC Fortified Concentration}} \right) \times 100 \right]$$

3. For the MS and MSD Quality Controls, the Recovery Percentage (% Rec) is calculated as follows:

$$\%Rec = \left[\left(\frac{\text{QC Final Result} - \text{Reference Final Result}}{\text{QC Fortified Concentration}} \right) \times 100 \right]$$



APPENDIX A
CHAIN OF CUSTODY DOCUMENTATION

ENVIRONMENTAL QUALITY LABORATORIES, INC.
SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01701

CLIENT NAME: ERTEC CLIENT ID: 567-01-82 W.O. #: SITE: Rioer Barceloneta CLIENT REP: W. Morales
P.O. #: PWSID #: FOLDER #: 246452 PROJECT: Rioer Barceloneta EQLAB REP: E. Garcia

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: <u>2798576</u>	DATE: <u>01/24/18</u>	TYPE	COLOR	VOLUME			EPA 8260B VOC
MATRIX: <u>DI water</u>	TIME: <u>1008</u>	Grab	clear	40ml			
SOURCE: <u>TB 012418</u>	TYPE: <u>Grab</u>	PRESERVATIVE					
		HCl pH < 2, Cool 4°C					
SAMPLE #: <u>2798577</u>	DATE: <u>01/24/18</u>	TYPE	COLOR	VOLUME			EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1239</u>	Grab	clear	40ml			
SOURCE: <u>nw-5</u>	TYPE: <u>Grab</u>	PRESERVATIVE					
		HCl pH < 2, Cool 4°C					
SAMPLE #: <u>2798578</u>	DATE: <u>01/24/18</u>	TYPE	COLOR	VOLUME			EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1501</u>	Grab	clear	40ml			
SOURCE: <u>nw-6</u>	TYPE: <u>Grab</u>	PRESERVATIVE					
		HCl pH < 2, Cool 4°C					
SAMPLE #: <u>2798579</u>	DATE: <u>01/24/18</u>	TYPE	COLOR	VOLUME			EPA 8260B VOC
MATRIX: <u>Ground water</u>	TIME: <u>1505</u>	Grab	clear	40ml			
SOURCE: <u>nw-A</u>	TYPE: <u>Grab</u>	PRESERVATIVE					
		HCl pH < 2, Cool 4°C					
CUSTODY RECORD	SIGNATURE	DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS: samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQ Lab on 01/26/18. <u>Roberto de Jesus</u>			
Collected in field by:	<u>Roberto de Jesus</u>	<u>01/24/18</u>	<u>varias</u>				
Fixed in field by:	<u>Roberto de Jesus</u>	<u>01/24/18</u>	<u>varias</u>				
Authorized by:	<u>N/A</u>						
Received by EQLF:	<u>N/A</u>						
Released to EQLL by:	<u>Roberto de Jesus</u>	<u>01/26/18</u>	<u>0930</u>				
Received by EQLL:	<u>Roberto de Jesus</u>	<u>01/26/18</u>	<u>0930</u>				

*EQLF = Eqlab's Field Personnel.
 *EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 20°C Signature: HR
 Eqlab's general terms and conditions on reverse side of this document.

ENVIRONMENTAL QUALITY LABORATORIES, INC.
SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01701

CLIENT NAME: *ERTEC* CLIENT ID: *567-01-82* W.O. #: SITE: *Pfizer Barceloneta* CLIENT REP: *W. Morales*
P.O. #: PWSID #: FOLDER #: *346 452* PROJECT: *Pfizer Barceloneta* EQLAB REP: *E. Garcia*

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: <i>2798580</i>	DATE: <i>01/24/18</i>	TYPE: <i>Grab</i>	COLOR: <i>clear</i>	VOLUME: <i>40ml</i>			<i>EPA 8260B VOC</i>
MATRIX: <i>Pi water</i>	TIME: <i>15 15</i>	PRESERVATIVE: <i>HCl pH 2, Cool 4°C</i>					
SOURCE: <i>FB012418</i>	TYPE: <i>Grab</i>						
SAMPLE #:	DATE:	TYPE:	COLOR:	VOLUME:			
MATRIX:	TIME:	PRESERVATIVE:					
SOURCE:	TYPE:						
SAMPLE #:	DATE:	TYPE:	COLOR:	VOLUME:			
MATRIX:	TIME:	PRESERVATIVE:					
SOURCE:	TYPE:						
SAMPLE #:	DATE:	TYPE:	COLOR:	VOLUME:			
MATRIX:	TIME:	PRESERVATIVE:					
SOURCE:	TYPE:						

CUSTODY RECORD	SIGNATURE	DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS: <i>samples were collected on 01/24/18 preserved on ice and secure until delivery @ EQ Lab on 01/26/18. Roberto</i>
Collected in field by:	<i>Roberto de Jesus</i>	<i>01/24/18</i>	<i>15 15</i>	
Fixed in field by:	<i>Roberto de Jesus</i>	<i>01/24/18</i>	<i>15 15</i>	
Authorized by:	<i>N/A</i>	<i>N/A</i>		
Received by EQLF:	<i>N/A</i>			
Released to EQLL by:	<i>Roberto de Jesus</i>	<i>01/26/18</i>	<i>09 30</i>	
Received by EQLL:	<i>Roberto de Jesus</i>	<i>01/26/18</i>	<i>09 30</i>	

*EQLF = Eqlab's Field Personnel.
 *EQLL = Eqlab's Log-in Personnel.

PJHRC

Arrival Temperature: *20°C* Signature: *AR*
 Eqlab's general terms and conditions on reverse side of this document.

ENVIRONMENTAL QUALITY LABORATORIES, INC.
SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

PO BOX 11458, SAN JUAN, PR 00910-1458 • TEL. (787) 288-6420, FAX (787) 288-6465, e-mail: info@eqlab.com

2018-01703

CLIENT NAME: ERTEC

CLIENT ID: 567-01-82 W.O. #:

SITE: Pfizer Barceloneta CLIENT REP: W. Morales

P.O. #:

PWSID #:

FOLDER #: 246457

PROJECT: Pfizer Barceloneta EQLAB REP: E. Garcia

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: <u>2798587</u>	DATE: <u>01/25/18</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>			<u>EPA 8260B VOC</u>
MATRIX: <u>PI water</u>	TIME: <u>1000</u>	PRESERVATIVE: <u>HCl pH<2, cool 4°C</u>					
SOURCE: <u>TB012518</u>	TYPE: <u>Grab</u>						
SAMPLE #: <u>2798588</u>	DATE: <u>01/25/18</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>			<u>EPA 8260B VOC</u>
MATRIX: <u>Ground water</u>	TIME: <u>1123</u>	PRESERVATIVE: <u>HCl pH<2, cool 4°C</u>					
SOURCE: <u>MW-1</u>	TYPE: <u>Grab</u>						
SAMPLE #: <u>2798589</u>	DATE: <u>01/25/18</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>			<u>EPA 8260B VOC</u>
MATRIX: <u>Ground water</u>	TIME: <u>1541</u>	PRESERVATIVE: <u>HCl pH<2, cool 4°C</u>					
SOURCE: <u>MW-2</u>	TYPE: <u>Grab</u>						
SAMPLE #: <u>2798590</u>	DATE: <u>01/25/18</u>	TYPE: <u>Grab</u>	COLOR: <u>clear</u>	VOLUME: <u>40ml</u>			<u>EPA 8260B VOC</u>
MATRIX: <u>PI water</u>	TIME: <u>1546</u>	PRESERVATIVE: <u>HCl pH<2, cool 4°C</u>					
SOURCE: <u>FB012518</u>	TYPE: <u>Grab</u>						

CUSTODY RECORD	SIGNATURE	DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS: <u>samples were collected on 01/25/18 preserved on ice and secure until delivery @ EQ Lab on 01/26/18.</u> <u>Roberto de Jesus</u>
Collected in field by:	<u>Roberto de Jesus</u>	<u>01/25/18</u>	<u>varias</u>	
Fixed in field by:	<u>Roberto de Jesus</u>	<u>01/25/18</u>	<u>varias</u>	
Authorized by:	<u>N/A</u>			
Received by EQLF:	<u>N/A</u>			
Released to EQLL by:	<u>Roberto de Jesus</u>	<u>01/26/18</u>	<u>0930</u>	
Received by EQLL:	<u>Augo Oras</u>	<u>01/26/18</u>	<u>0930</u>	

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 2.0°C

Signature: [Signature]

Eqlab's general terms and conditions on reverse side of this document.

APPENDIX B
RAW DATA WORKSHEETS



ORGANICS DEPARTMENT
RAW DATA PACKAGE CHECKLIST

RUN NUMBER: 195717 & 195721

- ☒ 1. Run Cover Sheet general information check.
- ☒ 2. Check if the reagents and / or support equipment information are on the Pre-Run Worksheet.
- ☒ 3. Check if the Pre-Run Worksheet and the Run Cover Sheet are signed.
- ☒ 4. Check for the presence of:

Present Not Applicable

☐☒

a. Markers

☐☒

b. Pesticides Degradation

☐☒

c. Calculated LPC

☒☐

d. BFB

☐☒

e. Tailing Factor

☐☒

f. Height of Valley

☒☐

g. Bromoform Degradation

☒☐

h. %RFD

☐☒

i. DFTPP

☐☒

j. Other: n/a

- ☒ 5. Check for the attachment of the LIMS Run Worksheet.
- ☒ 6. Check for the attachment of the Initial Calibration and its RSD or Lineal Correlation calculation, if applicable.

Prepared by: [Signature]
Analyst

Date: 01/31/18

Checked by: [Signature]
Laboratory Group Leader

Date: 01/31/18

Approved by: [Signature]
Supervisor

Date: 02-01-2018

ORGANICS DEPARTMENT RUN COVER SHEET



Method Number	Run Number	Sequence Number	Sample prep by	Sample Setup by	Sample Evaluated by	Run Approved by
EPA 8260B VOC	195717	195717R	KOTERO	KOTERO	KOTERO	KOTERO
EPA 624 VOC	195721		PR60838			

Calib. Curve Name	NBK Reference	Description / Identification Number
8260VOC-JAN2-LIQ-18	NBK 090 Pg. 002	V7-AG7890MS
		PM Expiration Date: 10/2018

☒ LRB	☒ BFB / LPC	☐ DFTPP / Degradation	☒ ICV / CCS	☐ QCS	☒ CCV / CCS	☐ PT
Amount μ L	Solution Name	NBK Reference	Expiration Date	Solution Concentration ppm	Dilution Volume mL	Analyte Concentration μ g/L
N/A	Agua para VOC	NBK 090 Pg. 004	N/A	N/A	N/A	N/A
1	p-Bromofluorobenzene	NBK 062 Pg. 089	4/23/2022	250	50	5
10	Mix 8260 & 624 VOC	NBK 079 Pg. 099	7/11/2018	100	50	20
10	Mix 8260 & 624 VOC Gases	NBK 079 Pg. 0100	2/19/2018	100	50	20
5	SIM VOC	NBK 079 Pg. 083	4/13/2018	20	5	20

☐ MB	☒ MDLV	☐ MRL	☒ MS / LFM	☐ MSD / LFMD	☒ LFB	☐ LFBD
Amount μ L	Solution Name	NBK Reference	Expiration Date	Solution Concentration ppm	Dilution Volume mL	Analyte Concentration μ g/L
N/A	Agua para VOC	NBK 090 Pg. 004	N/A	N/A	N/A	N/A
0.5	Mix 8260 & 624 VOC	NBK 079 Pg. 099	7/11/2018	100	50	1
0.5	Mix 8260 & 624 VOC Gases	NBK 079 Pg. 0100	2/19/2018	100	50	1
10	Mix 8260 & 624 VOC	NBK 079 Pg. 099	7/11/2018	100	50	20
10	Mix 8260 & 624 VOC Gases	NBK 079 Pg. 0100	2/19/2018	100	50	20

SOP-QC-004 Accepted Exemption: ☐ #1 ☐ #2 ☐ #3 ☐ #4 ☐ #5
☐ #6 ☒ #7 ☐ #8 ☐ #9 ☐ #10
☐ #11 ☐ #12 ☐ #13 ☐ #14

Analysis and Reviewed by / Date: SDC 01/21/18

Run and Preparation Controls are within acceptance criteria for method. Manual integrations were performed according to QC-014 / Rev. 01.

All QC Type samples were shared within mentioned RUN#s.

Discarded levels in Calibration Curve exceeded acceptance criteria for Initial Calibration according to QC-002 / Rev. 17. RFD of discarded levels were > 20%.

2ND SOURCE DATA FILE: DATA\195537CC\553704.D NBK REF: 099 Pg. 002 (exp. 07/23/2018).

Supervisor Review and Approval / Date: [Signature] 02-10-2018

QA/QC Review and Approval / Date:

Run Worksheet

For: Monday, January 29, 2018

Analyst: KOTERO

Cup#	TYPE	ORDER#	METHOD	QC LINK	MATRIX	TEST NAME	PRE RUN	VOLUME	FINALVOL	WEIGHT	
1	LRB	LRB/2800030-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	
2	MDL	MDL/2800032-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	
3	ICV	ICV/2800031-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	
4	FIELD BL	FIELD BLK/2798580-1	A		DI WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
5	TRIP BL	TRIP BLK/2798587-1	A		DI WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
6	FIELD BL	FIELD BLK/2798590-1	A		DI WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
7	TRIP BL	TRIP BLK/2798576-1	A		DI WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
8		2795816-5	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
9		2795818-2	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
10		2795815-3	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
11		2795817-4	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
12		2798579-1	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
13		2798588-1	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
14	DUP	DUP/2800041-1	B	2798588	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
15	CCV	CCV/2800039-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	
16	LRB	LRB/2800040-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	
17		2798577-1	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
18		2798589-1	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
19		2798578-1	A		EPA 8260B	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A
20	DUP	DUP/2800027-1	B	2798589	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
21	MS	MS/2800026-1	B	2798578	GROUND WATER	EPA 8260B VOC	PR60838	50.0	50.0	N/A	
22	LFB	LFB/2800037-1		2798578	GROUND WATER	EPA 8260B VOC	--	--	--	0	

Run Worksheet

For: Monday, January 29, 2018

[REDACTED]

[REDACTED]

Analyst: KOTERO

Cup#	TYPE	ORDER#	METHOD	QC LINK	MATRIX	TEST NAME	PRE RUN	VOLUME	FINALVOL	WEIGHT
1	LRB	LRB/2800225-1		2796582	PROCESS WATER	EPA 624 VOC	--	--	--	--
2	MDL	MDL/2800227-1		2796582	PROCESS WATER	EPA 624 VOC	--	--	--	--
3	ICV	ICV/2800226-1		2796582	PROCESS WATER	EPA 624 VOC	--	--	--	--
4		2796582-6	A	EPA 624	PROCESS WATER	TTO 624 VOC	--	--	--	0
5		2795799-12	A	EPA 624	STORMWATER	EPA 624 VOC	--	--	--	0
6	MS	MS/2800230-1	B	2795799	STORMWATER	EPA 624 VOC	--	--	--	0
7	LFB	LFB/2800229-1		2796582	PROCESS WATER	EPA 624 VOC	--	--	--	--

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 60838

TEMPLATE NAME: EPA 8260B VOC BY GC/MS

<u>ORDNO</u>	<u>CUP NO</u>	<u>STATUS</u>	<u>MATRIX</u>	<u>METHOD</u>	<u>TESTS</u>	<u>PREP DATE</u>	<u>PREP BY</u>	<u>PREP TIME</u>	<u>COLLEC DATE</u>	<u>VOL (mL)</u>	<u>FINAL VOLUME (mL)</u>	<u>WEIGHT (g)</u>	<u>pH</u> init final
2798580-1	1	Done	DI WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2
2798587-1	2	Done	DI WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/25/2018	50.0	50.0	N/A	<2
2798590-1	3	Done	DI WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/25/2018	50.0	50.0	N/A	<2
2798576-1	4	Done	DI WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2
2795816-5	5	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2
2795818-2	6	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2
2795815-3	7	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2
2795817-4	8	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	<2

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 60838

TEMPLATE NAME: EPA 8260B VOC BY GC/MS

2798579-1	9	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	< 2
2798588-1	10	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/25/2018	50.0	50.0	N/A	< 2
2800041-1/D UP Linked to 2798588	11	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/29/2018	50.0	50.0	N/A	< 2
2798577-1	12	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	< 2
2798589-1	13	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/25/2018	50.0	50.0	N/A	< 2
2798578-1	14	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/24/2018	50.0	50.0	N/A	< 2
2800027-1/D UP Linked to 2798589	15	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/29/2018	50.0	50.0	N/A	< 2
2800026-1/ MS Linked to 2798578	16	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	1/29/2018	KOTERO	15:41	1/29/2018	50.0	50.0	N/A	< 2

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 60838

TEMPLATE NAME: EPA 8260B VOC BY GC/MS

Solution Name: Lot #: N/A Refer. Notebook: N/A Amount Added: N/A Exp. Date: N/A

Prepered Sample(s) Transferred by / Date: DLZ / 01/29/18

Prepared Sample(s) Received by / Date: N/A / N/A

Comments:

Calibration Status Report V7-AG7890MS

Method Path : C:\msdchem\1\METHODS\
 Method File : 8260VOC-JAN2-LIQ-18.M
 Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 Last Update : Thu Jan 25 13:53:13 2018
 Response Via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	1	1	20	C:\msdchem\1\DATA\195537CC\8260BL01.D
2	2	3	20	C:\msdchem\1\DATA\195537CC\8260BL02.D
3	3	5	20	C:\msdchem\1\DATA\195537CC\8260BL03.D
4	4	10	20	C:\msdchem\1\DATA\195537CC\8260BL04.D
5	5	20	20	C:\msdchem\1\DATA\195537CC\8260BL05.D
6	6	50	20	C:\msdchem\1\DATA\195537CC\8260BL06.D
7	7	100	20	C:\msdchem\1\DATA\195537CC\8260BL07.D
8	8	200	20	C:\msdchem\1\DATA\195537CC\8260BL08.D

#	ID	Update Time	Quant Time	Acquisition Time
1	1	Jan 25 11:56 2018	Jan 25 08:33 2018	24 Jan 2018 10:12 am
2	2	Jan 25 11:57 2018	Jan 25 11:48 2018	24 Jan 2018 10:39 am
3	3	Jan 25 11:57 2018	Jan 25 11:49 2018	24 Jan 2018 11:05 am
4	4	Jan 25 11:57 2018	Jan 25 11:51 2018	24 Jan 2018 11:32 am
5	5	Jan 25 11:57 2018	Jan 25 11:53 2018	24 Jan 2018 11:58 am
6	6	Jan 25 11:57 2018	Jan 25 11:54 2018	24 Jan 2018 12:25 pm
7	7	Jan 25 11:57 2018	Jan 25 11:55 2018	24 Jan 2018 12:51 pm
8	8	Jan 25 11:57 2018	Jan 25 11:56 2018	24 Jan 2018 1:18 pm

8260VOC-JAN2-LIQ-18.M Wed Jan 31 08:50:13 2018

Method Path : C:\msdchem\1\METHODS\
 Method File : 8260VOC-JAN2-LIQ-18.M
 Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 Last Update : Thu Jan 25 13:53:13 2018
 Response Via : Initial Calibration

Calibration Files

1 =8260BL01.D 2 =8260BL02.D 3 =8260BL03.D 4 =8260BL04.D 5 =8260BL05.D 6 =8260BL06.D 7 =8260BL07.D
 8 =8260BL08.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
-----ISTD-----										
1) I IPENTAFLUOROBENZENE										
2) M DICLDFLUOROME...	0.332	0.258	0.218	0.260	0.286	0.257	0.244	0.225	0.260	13.88
3) P,T CHLOROMETHANE	0.730	0.520	0.440	0.441	0.448	0.380	0.340	0.307	0.451	29.14
4) C,T VINYL CHLORIDE	0.335	0.264	0.219	0.269	0.299	0.276	0.258	0.250	0.271	12.61
5) T BROMOMETHANE	0.353	0.326	0.355		0.268	0.170		0.089	0.260	41.93
6) T CHLOROETHANE	0.173	0.168	0.135	0.146	0.146	0.124			0.148	12.83
7) T TRICLFLUOROMET...	0.570	0.453	0.381	0.467	0.507	0.458	0.423	0.372	0.454	14.27
8) T ACROLEIN		0.005	0.006	0.006	0.006	0.005	0.005		0.006#	12.00
9) T ACETONE	0.111	0.099	0.117	0.107	0.099	0.092	0.078		0.100	12.77
10) C,T 11-DICHLOROETHENE		0.188	0.236	0.248	0.233	0.214	0.188		0.218	11.83
11) T IODOMETHANE	0.051	0.074	0.126	0.183	0.233	0.303	0.343	0.324	0.205	55.82
12) T CARBON DISULFIDE		0.445	0.612	0.667	0.645	0.623	0.540		0.589	13.98
13) T ACRYLONITRILE		0.128	0.168	0.167	0.156	0.154	0.142	0.127	0.149	11.38
14) T DICHLOROMETHANE	0.911	0.416	0.375	0.333	0.280	0.254	0.224	0.194	0.373	61.55
15) T TRANS12DICLETHENE		0.221	0.255	0.265	0.248	0.232	0.209	0.185	0.231	12.20
16) P,T 11-DICHLOROETHANE		0.428	0.531	0.537	0.501	0.480	0.439	0.391	0.472	11.71
17) VINYL ACETATE		0.621	0.821	0.831	0.777	0.758	0.665		0.746	11.42
18) 2-BUTANONE		0.185	0.239	0.238	0.225	0.218	0.199	0.178	0.212	11.70
19) T CIS12DICHLOROE...		0.239	0.304	0.308	0.287	0.280	0.262	0.248	0.275	9.71
20) T 22-DICHLOROPRO...		0.303	0.385	0.392	0.366	0.353	0.322	0.291	0.345	11.57
21) C,T CHLOROFORM	0.454	0.526	0.648	0.650	0.603	0.574	0.525	0.476	0.557	13.29
22) T BROMOCHLOROMET...		0.296	0.373	0.362	0.331	0.298	0.254		0.319	14.07
-----ISTD-----										
23) I I14-DIFLUOROBENZENE										
24) S SDIBRFLUOROMET...	0.395	0.398	0.403	0.409	0.410	0.408	0.402	0.391	0.402	1.76
25) T TETRAHYDROFURAN	0.188	0.222	0.286	0.278	0.265	0.261	0.235	0.215	0.244	14.09
26) T 111-TRICHLOROE...		0.258	0.335	0.342	0.327	0.312	0.287	0.266	0.304	11.08
27) T 11-DICHLOROPRO...		0.189	0.242	0.248	0.236	0.228	0.210	0.198	0.222	10.30
28) T 12-DICHLOROETHANE		0.273	0.355	0.351	0.325	0.311	0.282	0.255	0.307	12.64
29) T CARBONTETRACHL...		0.191	0.251	0.270	0.271	0.273	0.258	0.245	0.251	11.49
30) T BENZENE		0.579	0.743	0.731	0.695	0.669	0.616	0.580	0.659	10.41
31) T TRICHLOROETHENE		0.146	0.187	0.187	0.178	0.173	0.163	0.158	0.170	9.06
32) C,T 12-DICHLOROPRO...		0.170	0.220	0.216	0.204	0.200	0.186	0.175	0.196	9.93
33) T DIBROMOMETHANE		0.111	0.141	0.141	0.135	0.137	0.130	0.129	0.132	7.95
34) T BROMODICLMETHANE		0.196	0.264	0.282	0.278	0.286	0.271	0.256	0.262	11.82
35) T 2-CLETHYLVINYL...		0.086	0.117	0.121	0.119	0.127	0.129	0.123	0.117	12.43
36) T EPICHLOROHYDRIN		0.017	0.024	0.024	0.024	0.025	0.023	0.022	0.023#	11.49
37) T 4METHYL-2-PENT...		0.241	0.328	0.331	0.312	0.309	0.284	0.243	0.293	12.89
38) T CIS13DICLPROPENE		0.194	0.269	0.289	0.289	0.305	0.296	0.284	0.275	13.57
39) S STOLUENE-D8	1.205	1.200	1.203	1.200	1.189	1.177	1.139	1.109	1.178	3.01
40) C,T TOLUENE		0.638	0.886	0.813	0.807	0.768	0.718	0.697	0.761	10.94

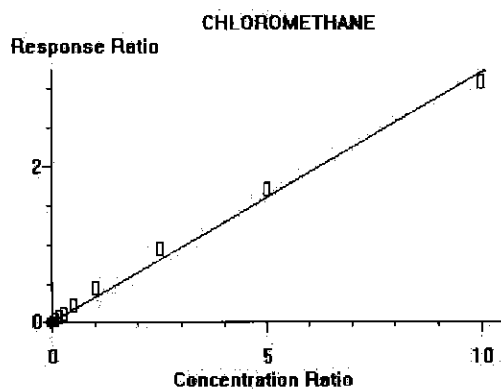
Method Path : C:\msdchem\1\METHODS\

Method File : 8260VOC-JAN2-LIQ-18.M

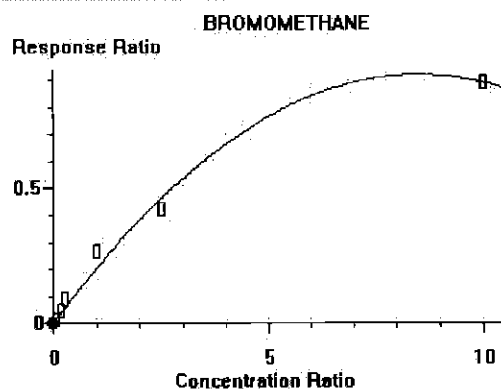
Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

41)	T	TRANS13DICLPRO...	0.099	0.158	0.232	0.248	0.253	0.278	0.279	0.272	0.227	28.59
42)	T	112-TRICHLOROE...		0.157	0.201	0.207	0.193	0.192	0.186	0.179	0.188	8.67
43)		2-HEXANONE		0.161	0.219	0.227	0.223	0.217	0.211	0.192	0.207	11.24
44)	T	13-DICHLOROPRO...		0.271	0.354	0.359	0.340	0.339	0.331	0.314	0.330	9.07
45)	T	DIBRCHLOROMETHANE	0.076	0.122	0.172	0.198	0.204	0.224	0.232	0.231	0.182	31.10
46)	T	TETRACHLOROETHENE		0.143	0.186	0.188	0.181	0.181	0.177	0.179	0.176	8.68
47)	T	12-DIBROMOETHANE		0.148	0.190	0.200	0.190	0.195	0.196	0.194	0.188	9.48
48)	I	CHLOROBENZEN-d5-IS		-----ISTD-----								
49)	P,T	CHLOROBENZENE		0.481	0.596	0.601	0.568	0.563	0.541	0.540	0.556	7.34
50)		1-CHLOROHEXANE		0.212	0.267	0.277	0.274	0.282	0.284	0.296	0.270	10.07
51)	T	1112-TETRACLET...		0.149	0.203	0.219	0.215	0.224	0.214	0.210	0.205	12.44
52)	C,T	ETHYLBENZENE	0.647	0.791	1.017	1.001	0.957	0.943	0.907	0.899	0.895	13.64
53)	T	MP-XYLENE		0.605	0.816	0.804	0.787	0.774	0.728	0.702	0.745	9.95
54)	T	STYRENE		0.403	0.557	0.572	0.567	0.583	0.554	0.549	0.541	11.45
55)	T	O-XYLENE		0.593	0.805	0.817	0.811	0.800	0.751	0.726	0.758	10.58
56)	P,T	BROMOFORM	0.055	0.087	0.125	0.147	0.162	0.194	0.196	0.200	0.146	36.78
57)	P,T	1122-TETRACLET...		0.287	0.383	0.390	0.377	0.384	0.360	0.345	0.361	10.03
58)	T	ISOPROPYL BENZENE		0.658	0.886	0.933	0.919	0.909	0.854	0.827	0.855	11.06
59)	S	S4BRFLUOROBENZENE	0.523	0.537	0.543	0.556	0.555	0.559	0.541	0.519	0.542	2.76
60)	T	123-TRICLPROPANE		0.082	0.112	0.116	0.110	0.110	0.102	0.100	0.105	11.02
61)	T	TRANS14DICL2BU...	0.022	0.037	0.047	0.050	0.048	0.049	0.049	0.048	0.044#	22.26
62)	T	BROMOBENZENE		0.374	0.492	0.497	0.476	0.480	0.455	0.436	0.458	9.35
63)	T	N-PROPYLBENZENE		0.805	1.072	1.125	1.101	1.107	1.050	1.021	1.040	10.55
64)	T	2-CHLOROTOLUENE		0.584	0.780	0.814	0.788	0.790	0.756	0.730	0.749	10.35
65)	T	4-CHLOROTOLUENE		0.530	0.700	0.734	0.680	0.688	0.652	0.647	0.662	9.82
66)	T	135TRIMETHYLBE...		0.585	0.806	0.843	0.834	0.842	0.811	0.797	0.788	11.60
67)	T	TERT-BUTYLBENZENE		0.467	0.627	0.664	0.651	0.657	0.623	0.629	0.617	11.00
68)	T	124TRIMETHYLBE...		0.568	0.795	0.831	0.821	0.825	0.788	0.762	0.770	12.01
69)	T	SEC-BUTYLBENZENE		0.664	0.890	0.949	0.938	0.922	0.866	0.855	0.869	11.18
70)	T	13-DICHLOROBEN...		0.308	0.419	0.433	0.424	0.431	0.420	0.435	0.410	11.11
71)	I	I14-DICLBENZENE-D4		-----ISTD-----								
72)	T	4-ISOPROPYLTOL...		1.032	1.378	1.419	1.417	1.385	1.344	1.319	1.328	10.18
73)	T	14-DICHLOROBEN...	0.543	0.674	0.870	0.833	0.797	0.793	0.778	0.790	0.760	13.64
74)	T	12-DICHLOROBEN...		0.625	0.816	0.813	0.792	0.795	0.779	0.789	0.773	8.57
75)	T	N-BUTYLBENZENE		0.964	1.257	1.305	1.312	1.259	1.211	1.180	1.212	9.85
76)	T	12-DIBR-3CLPRO...	0.042	0.072	0.102	0.110	0.115	0.124	0.122	0.123	0.101	29.17
77)		124-TRICLBENZENE		0.339	0.469	0.481	0.489	0.497	0.506	0.522	0.472	12.91
78)	T	NAPHTHALENE		0.994	1.393	1.445	1.469	1.519	1.514	1.512	1.407	13.34
79)	T	HEXACHLOROBUTA...	0.134	0.165	0.210	0.211	0.212	0.204	0.202	0.206	0.193	14.66
80)		123-TRICLBENZENE		0.344	0.472	0.479	0.484	0.491	0.492	0.504	0.466	11.76

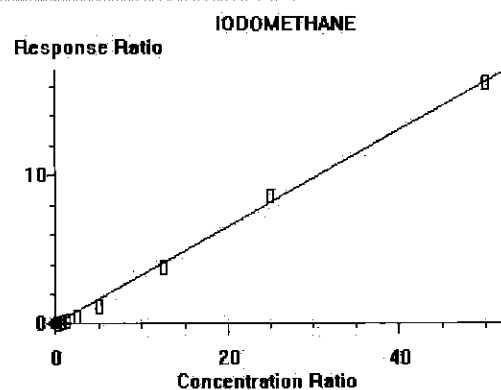
(#)= Out of Range



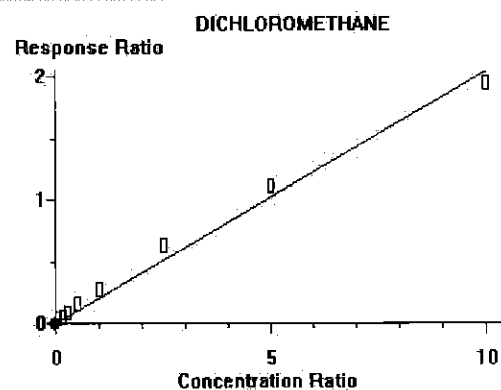
0.0285×10^0	Quadratic term
2.1889×10^1	Linear term
0.0016×10^0	Constant term
0.999923	Coef of Det (r^2)



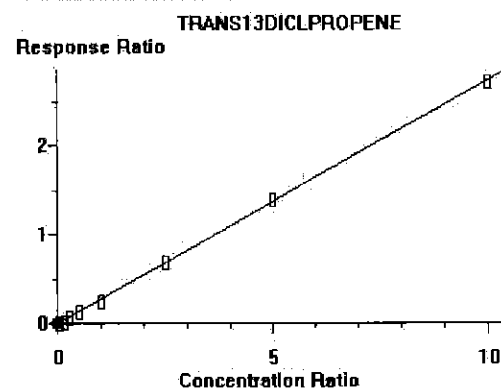
-1.2738×10^2	Quadratic term
8.1226×10^1	Linear term
8.7559×10^0	Constant term
0.991565	Coef of Det (r^2)



0.0003×10^0	Quadratic term
0.0076×10^0	Linear term
0.0000×10^0	Constant term
0.999968	Coef of Det (r^2)



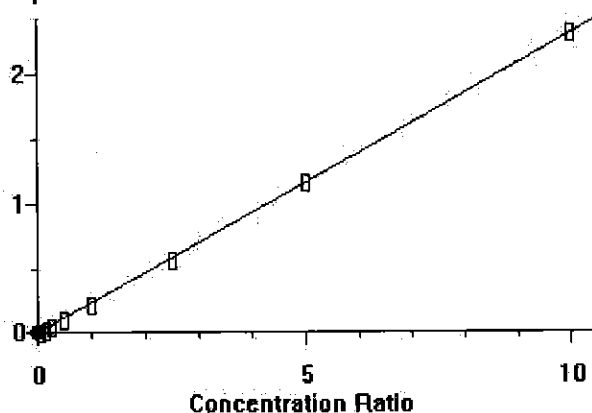
0.0000×10^0	Quadratic term
2.0506×10^1	Linear term
0.0000×10^0	Constant term
0.999995	Coef of Det (r^2)



0.0000×10^0	Quadratic term
2.7349×10^1	Linear term
0.0000×10^0	Constant term
0.999990	Coef of Det (r^2)

DIBRCHLOROMETHANE

Response Ratio



Concentration Ratio

0.000e+000

Quadratic term

2.305e-001

Linear term

0.000e+000

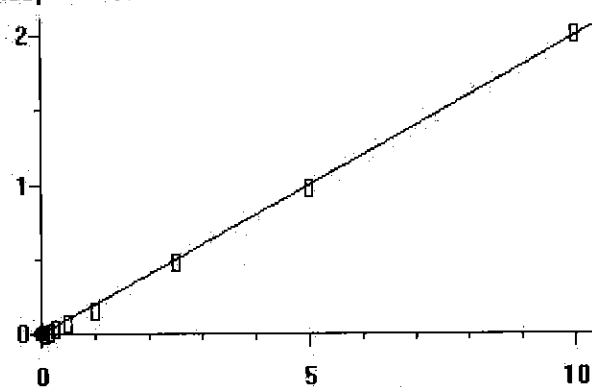
Constant term

0.999909

Coef of Det (r^2)

BROMOFORM

Response Ratio



Concentration Ratio

0.000e+000

Quadratic term

1.886e-001

Linear term

0.000e+000

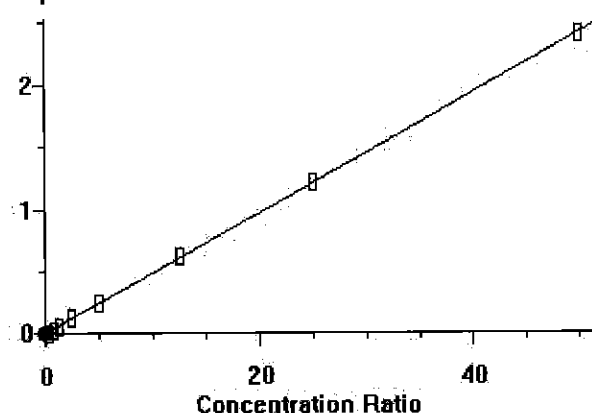
Constant term

0.999807

Coef of Det (r^2)

TRANS14DICL2BUTENE

Response Ratio



Concentration Ratio

0.000e+000

Quadratic term

4.825e-002

Linear term

0.000e+000

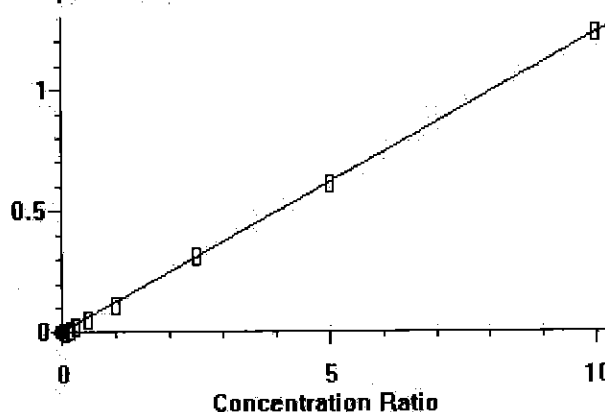
Constant term

0.999889

Coef of Det (r^2)

12-DIBR-3CLPROPANE

Response Ratio



Concentration Ratio

0.000e+000

Quadratic term

1.231e-001

Linear term

0.000e+000

Constant term

0.999963

Coef of Det (r^2)

Sequence Name: C:\msdchem\1\sequence\195717R.S

Comment: EPA 8260B VOC BY GC/MS

Operator: KMOR

Data Path: C:\MSDCHEM\1\DATA\195717R\

Instrument Control Pre-Seq Cmd:

Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:

Data Analysis Post-Seq Cmd:

Method Sections To Run On A Barcode Mismatch

(X) Full Method (X) Inject Anyway

() Reprocessing Only () Don't Inject

```
-----
Line      Sample Name/Misc Info
1) Sample 1 571700 VOC BFB
2) Sample 2 571701 VOC LRB/2800030
3) Sample 3 571702 VOC MDL/2800032
4) Sample 4 571703 VOC ICV/2800031
5) Sample 5 571704 VOC FB 012418/2798580
6) Sample 6 571705 VOC TB 012518/2798587
7) Sample 7 571706 VOC FB 012518/2798590
8) Sample 8 571707 VOC TB 012418/2798576
9) Sample 9 571708 VOC AML - 3/2795816
10) Sample 10 571709 VOC AML - 5/2795818
11) Sample 11 571710 VOC AML - 1/2795815
12) Sample 12 571711 VOC AML - 4/2795817
13) Sample 13 571712 VOC MW-A/2798579
14) Sample 14 571713 VOC MW-1/2798588
15) Sample 15 571714 VOC 2798588DUP/2800041
16) Sample 16 571715 VOC BFB
17) Sample 17 571716 VOC CCV/2800039
18) Sample 18 571717 VOC LRB/2800040
19) Sample 19 571718 VOC MW-5/2798577
20) Sample 20 571719 VOC MW-2/2798589
21) Sample 21 571720 VOC MW-6/2798578
22) Sample 22 571721 VOC 2798589DUP/2800027
23) Sample 23 571722 VOC 2798578MS/2800026
24) Sample 24 571723 VOC 2796582
25) Sample 25 571724 VOC 2795799
26) Sample 26 571725 VOC 2795799MS/2800230
27) Sample 27 571726 VOC LFB/2800037
28) Sample 28 571727 VOC LFB/2800037
29) Sample 29 CCEFF0 VOC BFB/BROMOFORMO
30) Sample 30 CCEFF00 VOC LRB
31) Sample 31 CCEFF01 VOC 3 ppb
32) Sample 32 CCEFF02 VOC 5 ppb
33) Sample 33 CCEFF03 VOC 10 ppb
34) Sample 34 CCEFF04 VOC 20 ppb
35) Sample 35 CCEFF05 VOC 50 ppb
36) Sample 36 CCEFF06 VOC 100 ppb
37) Sample 37 CCEFF07 VOC 200 ppb
38) Sample 38 574400 VOC LRB/2800691
39) Sample 39 574401 VOC MDL/2800692
40) Sample 40 574402 VOC ICV/2800690
41) Sample 41 2ND SOURCE
    Datafile 2ND SOURCE
    Method VOC
42) Sample 42 574403 VOC 2798142
43) Sample 43 574404 VOC 2798142DUP/2800694
```

Sequence Name: C:\msdchem\1\sequence\195717R.S

Line	Type	Vial	DataFile	Method	Sample Name
44)	Sample	44	574405	VOC	2798142MS/2800695
45)	Sample	45	574406	VOC	LFB/2800696
46)	Sample	46	574407	VOC	BFB
47)	Sample	47	574408	VOC	2798142, DF
48)	Sample	48	574409	VOC	2800830
49)	Sample	49	574410	VOC	2798142DUP/
50)	Sample	50	574411	VOC	2798142MS/
51)	Sample	51	574412	VOC	LFB/2800701
52)	Sample	52	574413	VOC	2798412MS/
53)	Sample	53	574414	VOC	LFB/2800703

Sequence Name: C:\msdchem\1\sequence\195717R.S

Comment: EPA 8260B VOC BY GC/MS

Operator: KMOR

Data Path: C:\MSDCHEM\1\DATA\195717R\

Instrument Control Pre-Seq Cmd:

Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:

Data Analysis Post-Seq Cmd:

Method Sections To Run On A Barcode Mismatch

(X) Full Method (X) Inject Anyway

() Reprocessing Only () Don't Inject

Line	Sample Name/Misc Info
1	Type: Sample BFB Vial: 1 RUN195717 Method : VOC.M Datafile: 571700.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
2	Type: Sample LRB/2800030 Vial: 2 RUN195717 Method : VOC.M Datafile: 571701.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
3	Type: Sample MDL/2800032 Vial: 3 RUN195717 Method : VOC.M Datafile: 571702.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
4	Type: Sample ICV/2800031 Vial: 4 RUN195717 Method : VOC.M Datafile: 571703.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
5	Type: Sample FB 012418/2798580 Vial: 5 RUN195717 Method : VOC.M Datafile: 571704.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
6	Type: Sample TB 012518/2798587 Vial: 6 RUN195717 Method : VOC.M Datafile: 571705.D Bar Code: Samp Amt: 0 Multiplr: 1 Area% Report :per Method Lib. Search Rep :per Method Quant Report :per Method Post-Quant Macro:per Method CR Database :per Method CR Spreadsheet :per Method
7	Type: Sample FB 012518/2798590 Vial: 7 RUN195717 Method : VOC.M

```

Datafile: 571706.D
Bar Code:                      Samp Amt: 0          Multiplr: 1
Area% Report      :per Method    Lib. Search Rep :per Method
Quant Report      :per Method    Post-Quant Macro:per Method
CR Database       :per Method    CR Spreadsheet  :per Method
-----
8  Type: Sample      TB 012418/2798576
   Vial: 8           RUN195717
   Method : VOC.M
   Datafile: 571707.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
9  Type: Sample      AML - 3/2795816
   Vial: 9           RUN195717
   Method : VOC.M
   Datafile: 571708.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
10 Type: Sample      AML - 5/2795818
   Vial: 10          RUN195717
   Method : VOC.M
   Datafile: 571709.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
11 Type: Sample      AML - 1/2795815
   Vial: 11          RUN195717
   Method : VOC.M
   Datafile: 571710.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
12 Type: Sample      AML - 4/2795817
   Vial: 12          RUN195717
   Method : VOC.M
   Datafile: 571711.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
13 Type: Sample      MW-A/2798579
   Vial: 13          RUN195717
   Method : VOC.M
   Datafile: 571712.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
14 Type: Sample      MW-1/2798588
   Vial: 14          RUN195717
   Method : VOC.M
   Datafile: 571713.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1
   Area% Report      :per Method    Lib. Search Rep :per Method
   Quant Report      :per Method    Post-Quant Macro:per Method
   CR Database       :per Method    CR Spreadsheet  :per Method
-----
15 Type: Sample      2798588DUP/2800041
   Vial: 15          RUN195717
   Method : VOC.M
   Datafile: 571714.D
   Bar Code:                      Samp Amt: 0          Multiplr: 1

```

Area% Report	:per Method	Lib. Search Rep	:per Method
Quant Report	:per Method	Post-Quant Macro	:per Method
CR Database	:per Method	CR Spreadsheet	:per Method

16 Type: Sample BFB
Vial: 16 RUN195717
Method : VOC.M
Datafile: 571715.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

17 Type: Sample CCV/2800039
Vial: 17 RUN195717
Method : VOC.M
Datafile: 571716.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

18 Type: Sample LRB/2800040
Vial: 18 RUN195717
Method : VOC.M
Datafile: 571717.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

19 Type: Sample MW-5/2798577
Vial: 19 RUN195717
Method : VOC.M
Datafile: 571718.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

20 Type: Sample MW-2/2798589
Vial: 20 RUN195717
Method : VOC.M
Datafile: 571719.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

21 Type: Sample MW-6/2798578
Vial: 21 RUN195717
Method : VOC.M
Datafile: 571720.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

22 Type: Sample 2798589DUP/2800027
Vial: 22 RUN195717
Method : VOC.M
Datafile: 571721.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

23 Type: Sample 2798578MS/2800026
Vial: 23 RUN195717
Method : VOC.M
Datafile: 571722.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method

	CR Database	:per Method	CR Spreadsheet	:per Method
24	Type: Sample	2796582		
	Vial: 24	RUN195721		
	Method : VOC.M			
	Datafile: 571723.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
25	Type: Sample	2795799		
	Vial: 25	RUN195721		
	Method : VOC.M			
	Datafile: 571724.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
26	Type: Sample	2795799MS/2800230		
	Vial: 26	RUN195721		
	Method : VOC.M			
	Datafile: 571725.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
27	Type: Sample	LFB/2800037		
	Vial: 27	RUN195717		
	Method : VOC.M			
	Datafile: 571726.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
28	Type: Sample	LFB/2800037		
	Vial: 28	RUN195717		
	Method : VOC.M			
	Datafile: 571727.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
29	Type: Sample	BFB/BROMOFORMO		
	Vial: 29	CC ACETATES		
	Method : VOC.M			
	Datafile: CCEFF0.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
30	Type: Sample	LRB		
	Vial: 30	CC ACETATES		
	Method : VOC.M			
	Datafile: CCEFF00.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method
31	Type: Sample	3 ppb		
	Vial: 31	CC ACETATES		
	Method : VOC.M			
	Datafile: CCEFF01.D			
	Bar Code:	Samp Amt: 0	Multiplr: 1	
	Area% Report	:per Method	Lib. Search Rep	:per Method
	Quant Report	:per Method	Post-Quant Macro	:per Method
	CR Database	:per Method	CR Spreadsheet	:per Method

32 Type: Sample 5 ppb
Vial: 32 CC ACETATES
Method : VOC.M
Datafile: CCEFF02.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

33 Type: Sample 10 ppb
Vial: 33 CC ACETATES
Method : VOC.M
Datafile: CCEFF03.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

34 Type: Sample 20 ppb
Vial: 34 CC ACETATES
Method : VOC.M
Datafile: CCEFF04.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

35 Type: Sample 50 ppb
Vial: 35 CC ACETATES
Method : VOC.M
Datafile: CCEFF05.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

36 Type: Sample 100 ppb
Vial: 36 CC ACETATES
Method : VOC.M
Datafile: CCEFF06.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

37 Type: Sample 200 ppb
Vial: 37 CC ACETATES
Method : VOC.M
Datafile: CCEFF07.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

38 Type: Sample LRB/2800691
Vial: 38 RUN195744
Method : VOC.M
Datafile: 574400.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

39 Type: Sample MDL/2800692
Vial: 39 RUN195744
Method : VOC.M
Datafile: 574401.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

40 Type: Sample ICV/2800690
Vial: 40 RUN195744

Method : VOC.M
Datafile: 574402.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

41 Type: Sample 2ND SOURCE
Vial: 41 RUN195744

Method : VOC.M
Datafile: 2ND SOURCE.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

42 Type: Sample 2798142
Vial: 42 RUN195744

Method : VOC.M
Datafile: 574403.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

43 Type: Sample 2798142DUP/2800694
Vial: 43 RUN195744

Method : VOC.M
Datafile: 574404.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

44 Type: Sample 2798142MS/2800695
Vial: 44 RUN195744

Method : VOC.M
Datafile: 574405.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

45 Type: Sample LFB/2800696
Vial: 45 RUN195744

Method : VOC.M
Datafile: 574406.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

46 Type: Sample BFB
Vial: 46 RUN195744

Method : VOC.M
Datafile: 574407.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

47 Type: Sample 2798142, DF
Vial: 47 RUN195744

Method : VOC.M
Datafile: 574408.D
Bar Code: Samp Amt: 0 Multiplr: 1
Area% Report :per Method Lib. Search Rep :per Method
Quant Report :per Method Post-Quant Macro:per Method
CR Database :per Method CR Spreadsheet :per Method

48 Type: Sample 2800830
Vial: 48 RUN195744

Method : VOC.M
Datafile: 574409.D

Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

49 Type: Sample 2798142DUP/
Vial: 49 RUN195744
Method : VOC.M
Datafile: 574410.D

Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

50 Type: Sample 2798142MS/
Vial: 50 RUN195744
Method : VOC.M
Datafile: 574411.D

Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

51 Type: Sample LFB/2800701
Vial: 51 RUN195744
Method : VOC.M
Datafile: 574412.D

Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

52 Type: Sample 2798412MS/
Vial: 52 RUN195744
Method : VOC.M
Datafile: 574413.D

Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

53 Type: Sample LFB/2800703
Vial: 53 RUN195744
Method : VOC.M
Datafile: 574414.D

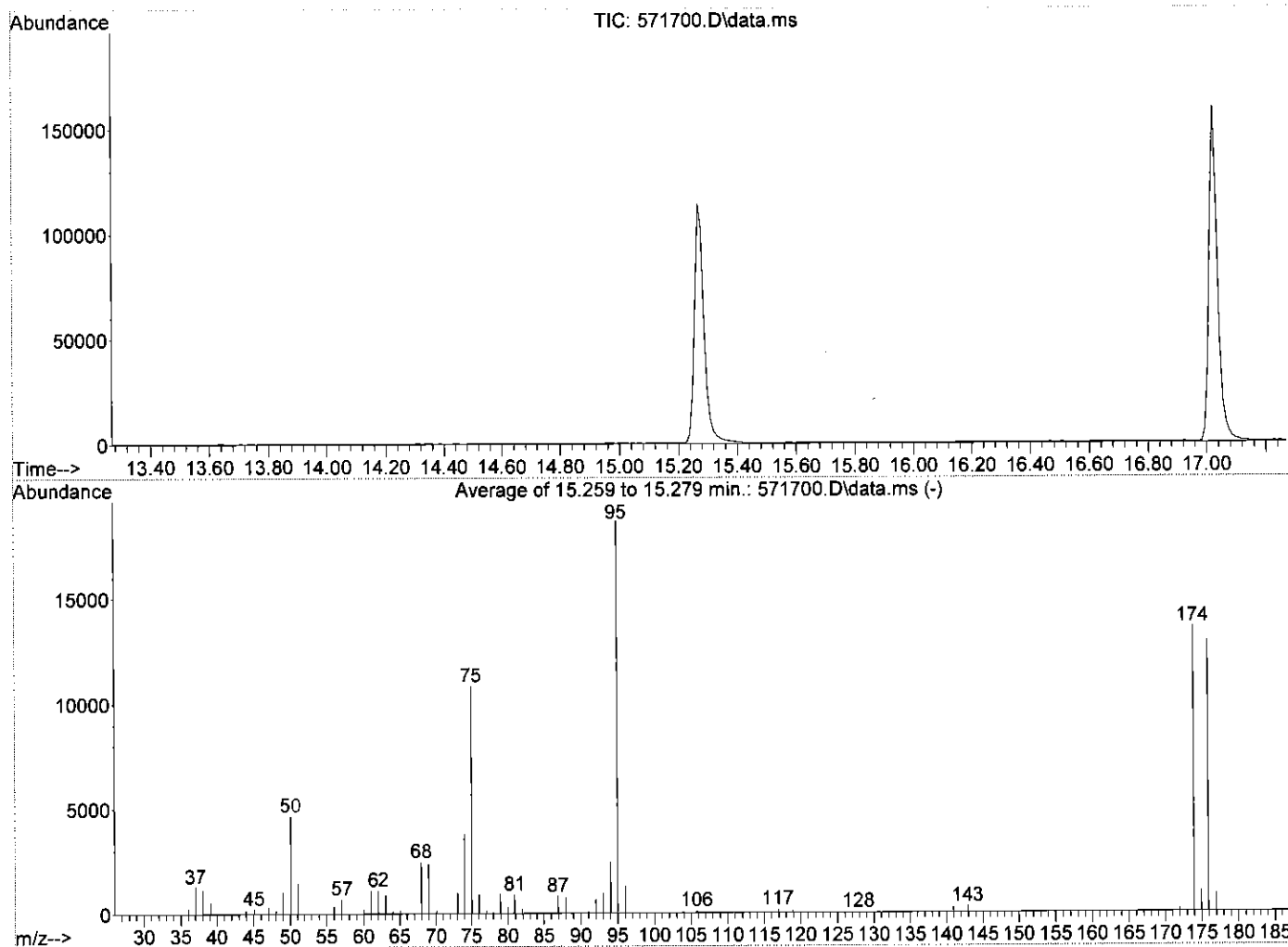
Bar Code:	Samp Amt: 0	Multiplr: 1
Area% Report :per Method	Lib. Search Rep :per Method	
Quant Report :per Method	Post-Quant Macro:per Method	
CR Database :per Method	CR Spreadsheet :per Method	

Method VOC

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571700.D
Acq On : 30 Jan 2018 8:37 am
Operator : KMOR
Sample : BFB
Misc : RUN195717
ALS Vial : 1 Sample Multiplier: 1

Integration File: VOC.P

Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M
Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
Last Update : Thu Jan 25 13:53:13 2018



AutoFind: Scans 1396, 1397, 1398; Background Corrected with Scan 1390

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	24.9	4665	PASS
75	95	30	60	57.9	10829	PASS
95	95	100	100	100.0	18717	PASS
96	95	5	9	7.0	1307	PASS
173	174	0.00	2	0.3	43	PASS
174	95	50	150	72.5	13572	PASS
175	174	5	9	7.2	975	PASS
176	174	95	101	95.1	12910	PASS
177	176	5	9	6.5	840	PASS

Average of 15.259 to 15.279 min.: 571700.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	245	51.05	1445	69.90	62	80.90	879
37.05	1288	56.00	357	70.10	156	81.95	209
38.05	1152	57.05	685	72.00	76	86.95	818
39.10	536	60.05	211	73.05	995	88.00	752
40.00	5	61.00	1082	74.00	3785	91.00	84
44.00	165	62.05	1109	75.05	10829	92.00	659
45.05	229	63.05	890	76.05	924	93.00	951
47.05	319	64.05	125	77.05	144	94.05	2433
48.05	137	65.05	157	78.00	46	95.00	18717
49.00	1002	68.00	2452	78.95	943	96.05	1307
50.10	4665	69.00	2376	79.95	290	103.90	91

Average of 15.259 to 15.279 min.: 571700.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
105.85	103	176.95	840				
116.90	162						
118.90	111						
127.90	34						
140.95	243						
142.95	280						
171.95	152						
172.90	43						
173.95	13572						
174.95	975						
175.95	12910						

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571701.D
 Acq On : 30 Jan 2018 9:03 am
 Operator : KMOR
 Sample : LRB/2800030
 Misc : RUN195717
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 08:59:14 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	217278	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	349058	20.00	µg/L	-0.07
48) CHLOROBENZEN-d5-IS	13.025	117	290996	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	129347	20.00	µg/L	#-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	153825	21.94	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	=	109.70%	
39) STOLUENE-D8	10.345	98	411603	20.02	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	100.10%	
59) S4BRFLUOROBENZENE	15.269	95	145973	18.53	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	92.65%	
Target Compounds						
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		Qvalue
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	397	N.D.		
6) CHLOROETHANE	3.564	64	68	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.671	142	393	N.D.		
12) CARBON DISULFIDE	4.549	76	724	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.168	96	458	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.132	43	83	N.D.		
18) 2-BUTANONE	7.564	43	402	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.823	83	774	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	738	N.D.		
25) TETRAHYDROFURAN	7.005	42	63	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	478	N.D.		
30) BENZENE	7.564	78	71	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	0.000		0	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571701.D
 Acq On : 30 Jan 2018 9:03 am
 Operator : KMOR
 Sample : LRB/2800030
 Misc : RUN195717
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 08:59:14 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	666	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	666	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.279	77	982	N.D.		
63) N-PROPYLBENZENE	15.269	91	623	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571701.D
Acq On : 30 Jan 2018 9:03 am
Operator : KMOR
Sample : LRB/2800030
Misc : RUN195717
ALS Vial : 2 Sample Multiplier: 1

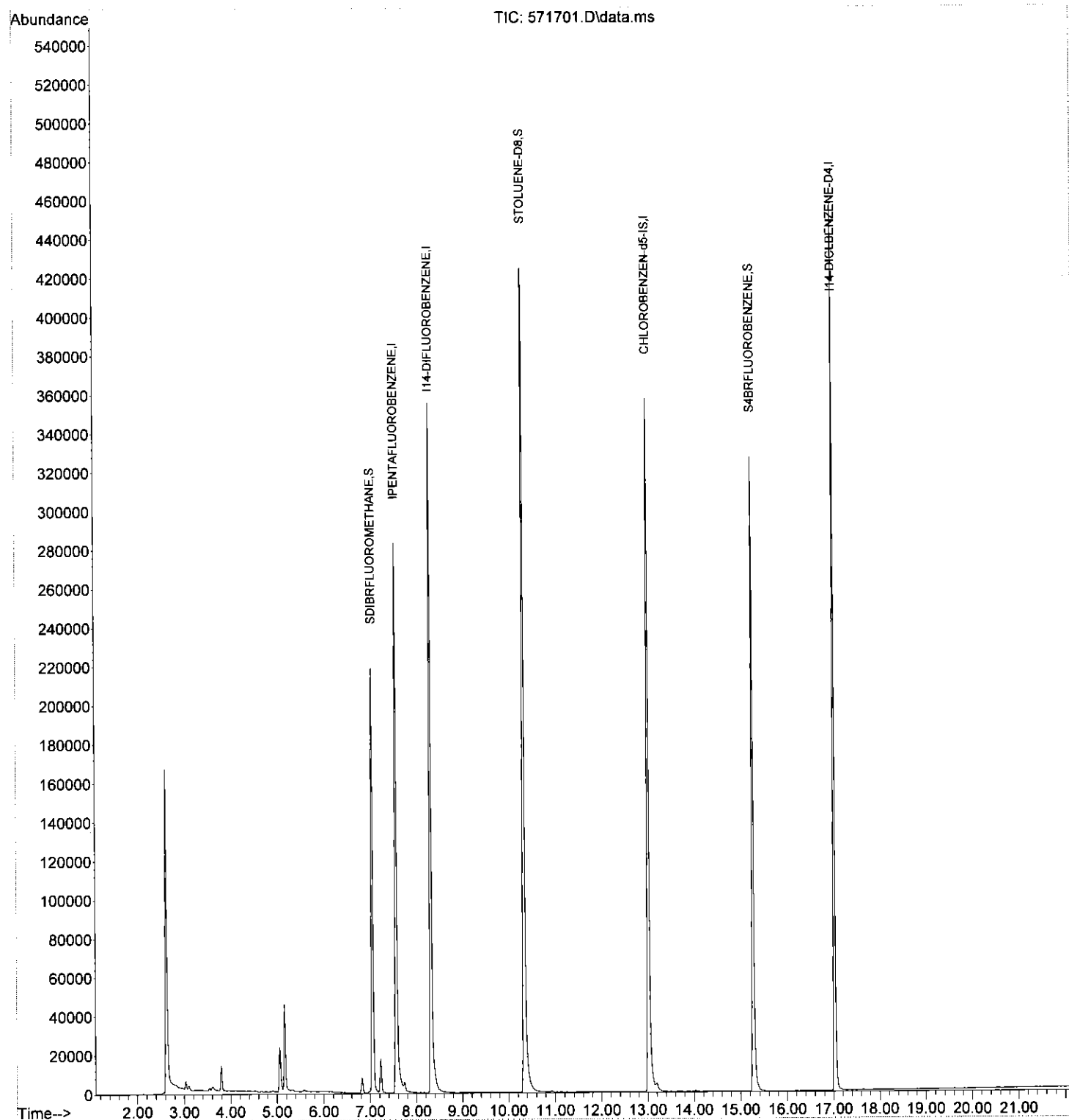
Quant Time: Jan 31 08:59:14 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571702.D
 Acq On : 30 Jan 2018 9:29 am
 Operator : KMOR
 Sample : MDL/2800032
 Misc : RUN195717
 ALS Vial : 3 Sample Multiplier: 1

*0.000 - integration of peak due
 noisy baseline. DX 01/31/18.*

Quant Time: Jan 31 09:01:25 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
 .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	222792	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	354122	20.00	µg/L	-0.07
48) CHLOROENZEN-d5-IS	13.025	117	304886	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	139704	20.00	µg/L	#-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	158123	22.23	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	=	111.15%	
39) STOLUENE-D8	10.345	98	418705	20.08	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	100.40%	
59) S4BRFLUOROBENZENE	15.269	95	153510	18.60	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	93.00%	
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	2.843	85	4125	1.42	µg/L	96
3) CHLOROMETHANE	3.097	50	3835m	1.08	µg/L	
4) VINYL CHLORIDE	3.209	62	4802	1.59	µg/L	99
5) BROMOMETHANE	3.604	94	4460m	1.86	µg/L	
6) CHLOROETHANE	3.747	64	3264	1.97	µg/L	97
7) TRICLFLUOROMETHANE	3.899	101	9203	1.82	µg/L	# 99
8) ACROLEIN	4.813	56	1202	19.26	µg/L	# 96
9) ACETONE	5.117	43	7511	6.72	µg/L	# 86
10) 11-DICHLOROETHENE	4.467	61	2390	0.99	µg/L	93
11) IODOMETHANE	4.660	142	8724	2.40	µg/L	99
12) CARBON DISULFIDE	4.549	76	23553	3.59	µg/L	# 90
13) ACRYLONITRILE	5.980	53	6487	3.91	µg/L	98
14) DICHLOROMETHANE	5.077	84	2914m	1.28	µg/L	
15) TRANS12DICLETHENE	5.259	96	2450	0.95	µg/L	96
16) 11-DICHLOROETHANE	5.929	63	4930	0.94	µg/L	99
17) VINYL ACETATE	6.142	43	28709	3.46	µg/L	# 92
18) 2-BUTANONE	7.188	43	8670	3.67	µg/L	# 89
19) CIS12DICHLOROETHENE	6.538	96	2327	0.76	µg/L	# 78
20) 22-DICHLOROPROPANE	6.670	77	3276	0.85	µg/L	93
21) CHLOROFORM	6.833	83	6544	1.05	µg/L	# 98
22) BROMOCHLOROMETHANE	6.782	49	3949	1.11	µg/L	# 59
25) TETRAHYDROFURAN	7.066	42	2742	0.64	µg/L	# 82
26) 111-TRICHLOROETHANE	7.127	97	4230	0.79	µg/L	92
27) 11-DICHLOROPROPENE	7.269	75	2795	0.71	µg/L	# 85
28) 12-DICHLOROETHANE	7.828	62	4786	0.88	µg/L	# 98
29) CARBONTETRACHLORIDE	7.046	117	3314	0.74	µg/L	# 74
30) BENZENE	7.584	78	9206	0.79	µg/L	# 74
31) TRICHLOROETHENE	8.325	132	2160	0.72	µg/L	# 52
32) 12-DICHLOROPROPANE	9.046	63	2476	0.71	µg/L	92
33) DIBROMOMETHANE	8.924	174	1535	0.66	µg/L	# 78
34) BROMODICLMETHANE	9.117	83	2898	0.62	µg/L	97
35) 2-CLETHYLVINYLETHER	9.899	63	3633	1.75	µg/L	# 83
36) EPICHLOROHYDRIN	10.427	57	4630	11.49	µg/L	81
37) 4METHYL-2-PENTANONE	10.985	43	13217	2.55	µg/L	# 82
38) CIS13DICLPROPENE	10.051	75	2203	0.45	µg/L	86
40) TOLUENE	10.427	91	8570	0.64	µg/L	93
41) TRANS13DICLPROPENE	11.076	75	1765	0.36	µg/L	# 52
42) 112-TRICHLOROETHANE	11.350	97	2193	0.66	µg/L	# 84
43) 2-HEXANONE	12.426	43	6934	1.89	µg/L	# 81
44) 13-DICHLOROPROPANE	11.838	76	3542	0.61	µg/L	85

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571702.D
 Acq On : 30 Jan 2018 9:29 am
 Operator : KMOR
 Sample : MDL/2800032
 Misc : RUN195717
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 31 09:01:25 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	1670	0.41	µg/L	92
46) TETRACHLOROETHENE	11.086	166	1868	0.60	µg/L #	80
47) 12-DIBROMOETHANE	12.142	107	1626	0.49	µg/L #	88
49) CHLOROBENZENE	13.056	112	5665	0.67	µg/L #	14
50) 1-CHLOROHEXANE	12.954	91	1843	0.45	µg/L #	47
51) 1112-TETRACLETHANE	13.157	131	1808	0.58	µg/L #	1
52) ETHYLBENZENE	13.066	91	10282	0.75	µg/L	92
53) MP-XYLENE	13.330	91	11341	1.00	µg/L	91
54) STYRENE	14.274	104	2994	0.36	µg/L	90
55) O-XYLENE	14.173	91	4814	0.42	µg/L	91
56) BROMOFORM	14.365	173	952	0.31	µg/L	89
57) 1122-TETRACLETHANE	15.584	83	3391	0.62	µg/L #	96
58) ISOPROPYL BENZENE	14.751	105	5111	0.39	µg/L	91
60) 123-TRICLPROPANE	15.817	110	744	0.47	µg/L	88
61) TRANS14DICL2BUTENE	15.868	53	1626	2.21	µg/L #	62
62) BROMOBENZENE	15.462	77	4591	0.66	µg/L	71
63) N-PROPYLBENZENE	15.472	91	8014	0.51	µg/L	90
64) 2-CHLOROTOLUENE	15.756	91	5576	0.49	µg/L	81
65) 4-CHLOROTOLUENE	16.020	91	4936	0.49	µg/L	91
66) 135TRIMETHYLBENZENE	15.777	105	4865	0.40	µg/L	90
67) TERT-BUTYLBENZENE	16.294	119	3748	0.40	µg/L	83
68) 124TRIMETHYLBENZENE	16.406	105	4525	0.39	µg/L	91
69) SEC-BUTYLBENZENE	16.568	105	5692	0.43	µg/L	95
70) 13-DICHLOROBENZENE	16.924	146	2840	0.45	µg/L	91
72) 4-ISOPROPYLTOLUENE	16.771	119	4160	0.45	µg/L	93
73) 14-DICHLOROBENZENE	17.046	146	4175	0.79	µg/L #	1
74) 12-DICHLOROBENZENE	17.655	146	3320	0.62	µg/L	91
75) N-BUTYLBENZENE	17.381	91	4475	0.53	µg/L	88
76) 12-DIBR-3CLPROPANE	18.771	157	232	0.27	µg/L #	50
77) 124-TRICLBENZENE	19.736	180	1742	0.53	µg/L #	79
78) NAPHTHALENE	20.223	128	3631	0.37	µg/L	94
79) HEXACHLOROBUTADIENE	19.665	225	975	0.72	µg/L	95
80) 123-TRICLBENZENE	20.507	182	1722	0.53	µg/L	87

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

(OT Reviewed)

```
Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571702.D
Acq On    : 30 Jan 2018    9:29 am
Operator  : KMOR
Sample    : MDL/2800032
Misc      : RUN195717
ALS Vial  : 3    Sample Multiplier: 1
```

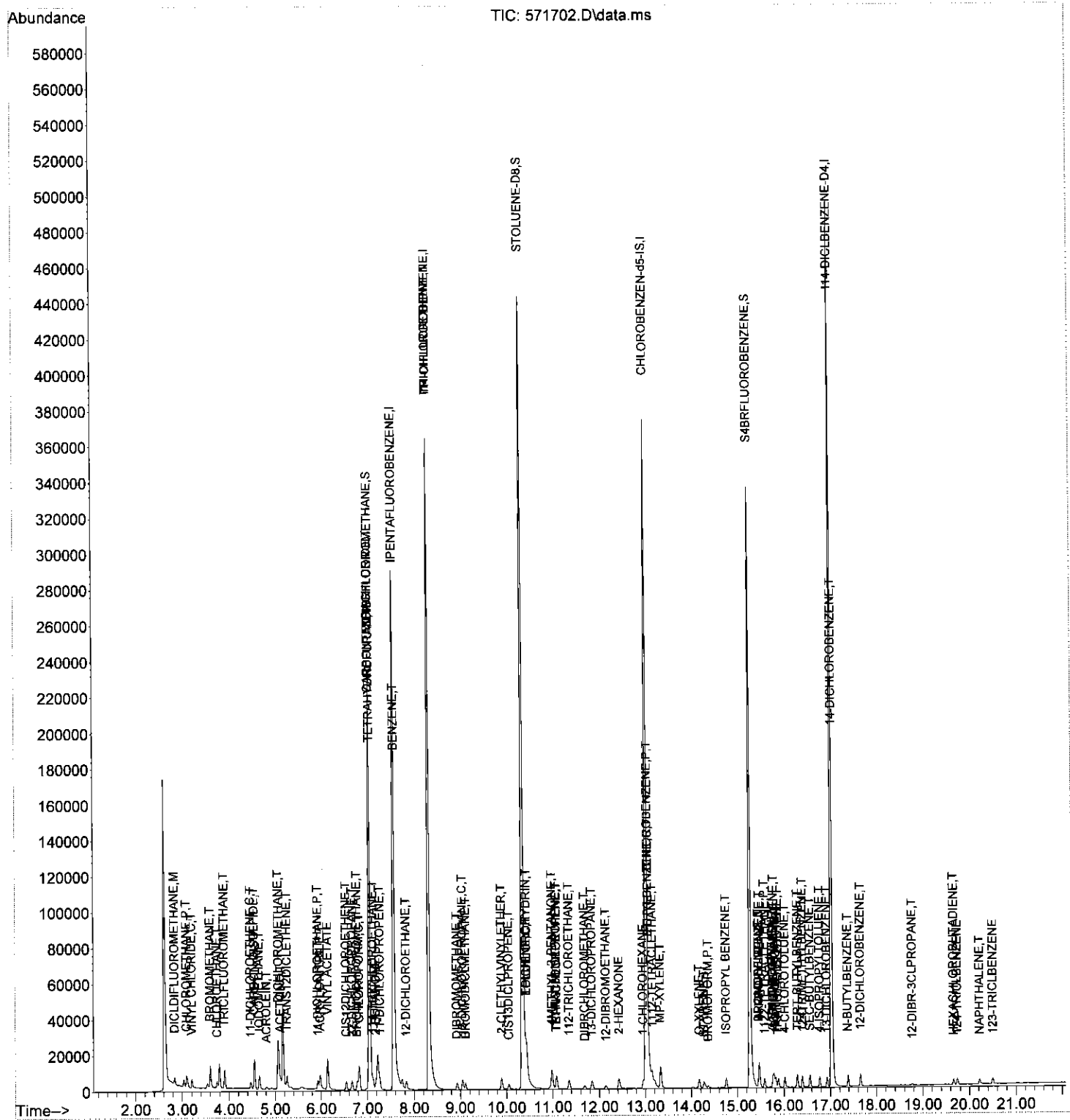
Quant Time: Jan 31 09:01:25 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571703.D
 Acq On : 30 Jan 2018 9:54 am
 Operator : KMOR
 Sample : ICV/2800031
 Misc : RUN195717
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 09:07:51 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	IPENTAFLUOROBENZENE	20.000	20.000	0.0	63	-0.07
2 M	DICLDIFLUOROMETHANE	20.000	22.694	-13.5	65	-0.02
3 P,T	CHLOROMETHANE	20.000	20.524	-2.6	46	-0.03
4 C,T	VINYL CHLORIDE	20.000	21.701	-8.5	62	-0.04
5 T	BROMOMETHANE	20.000	20.741	-3.7	50	-0.03
6 T	CHLOROETHANE	20.000	23.225	-16.1	75	-0.02
7 T	TRICLFLUOROMETHANE	20.000	23.908	-19.5	68	0.01
8 T	ACROLEIN	500.000	458.613	8.3	55	-0.05
9 T	ACETONE	100.000	103.477	-3.5	66	-0.06
10 C,T	11-DICHLOROETHENE	20.000	21.534	-7.7	64	-0.04
11 T	IODOMETHANE	100.000	84.235	15.8	75	-0.04
12 T	CARBON DISULFIDE	100.000	110.058	-10.1	64	-0.05
13 T	ACRYLONITRILE	100.000	87.928	12.1	53	-0.07
14 T	DICHLOROMETHANE	20.000	21.956	-9.8	51	-0.06
15 T	TRANS12DICLETHENE	20.000	20.524	-2.6	61	-0.05
16 P,T	11-DICHLOROETHANE	20.000	20.957	-4.8	63	-0.06
17	VINYL ACETATE	100.000	92.092	7.9	56	-0.07
18	2-BUTANONE	100.000	86.355	13.6	51	-0.07
19 T	CIS12DICHLOROETHENE	20.000	18.058	9.7	55	-0.07
20 T	22-DICHLOROPROPANE	20.000	21.629	-8.1	65	-0.07
21 C,T	CHLOROFORM	20.000	20.937	-4.7	61	-0.06
22 T	BROMOCHLOROMETHANE	20.000	20.361	-1.8	62	-0.07
23 I	I14-DIFLUOROBENZENE	20.000	20.000	0.0	65	-0.07
24 S	SDIBRFLUOROMETHANE	20.000	22.888	-14.4	73	-0.07
25 T	TETRAHYDROFURAN	20.000	20.096	-0.5	60	-0.07
26 T	111-TRICHLOROETHANE	20.000	19.405	3.0	59	-0.07
27 T	11-DICHLOROPROPENE	20.000	17.941	10.3	55	-0.08
28 T	12-DICHLOROETHANE	20.000	20.539	-2.7	64	-0.07
29 T	CARBONTETRACHLORIDE	20.000	19.783	1.1	60	-0.08
30 T	BENZENE	20.000	17.906	10.5	55	-0.08
31 T	TRICHLOROETHENE	20.000	17.171	14.1	54	-0.08
32 C,T	12-DICHLOROPROPANE	20.000	17.350	13.2	54	-0.09
33 T	DIBROMOMETHANE	20.000	16.338	18.3	52	-0.08
34 T	BROMODICLMETHANE	20.000	18.914	5.4	58	-0.08
35 T	2-CLETHYLVINYLETHER	100.000	88.427	11.6	57	-0.09
36 T	EPICHLOROHYDRIN	500.000	438.812	12.2	54	-0.09
37 T	4METHYL-2-PENTANONE	100.000	84.656	15.3	52	-0.09
38 T	CIS13DICLPROPENE	20.000	16.845	15.8	52	-0.09
39 S	STOLUENE-D8	20.000	20.673	-3.4	67	-0.09
40 C,T	TOLUENE	20.000	16.467	17.7	51	-0.09
41 T	TRANS13DICLPROPENE	20.000	17.802	11.0	63	-0.09
42 T	112-TRICHLOROETHANE	20.000	17.803	11.0	57	-0.09
43	2-HEXANONE	100.000	92.404	7.6	56	-0.10
44 T	13-DICHLOROPROPANE	20.000	17.529	12.4	56	-0.09
45 T	DIBRCHLOROMETHANE	20.000	17.326	13.4	64	-0.09
46 T	TETRACHLOROETHENE	20.000	17.454	12.7	56	-0.09
47 T	12-DIBROMOETHANE	20.000	16.113	19.4	52	-0.09
48 I	CHLOROBENZEN-d5-IS	20.000	20.000	0.0	57	-0.10
49 P,T	CHLOROBENZENE	20.000	20.312	-1.6	56	-0.10

Evaluate Continuing Calibration Report

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571703.D
 Acq On : 30 Jan 2018 9:54 am
 Operator : KMOR
 Sample : ICV/2800031
 Misc : RUN195717
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 09:07:51 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	1-CHLOROHEXANE	20.000	19.941	0.3	56	-0.13
51 T	1112-TETRACLETHANE	20.000	21.211	-6.1	57	-0.10
52 C,T	ETHYLBENZENE	20.000	21.367	-6.8	56	-0.10
53 T	MP-XYLENE	40.000	41.284	-3.2	55	-0.10
54 T	STYRENE	20.000	19.973	0.1	54	-0.09
55 T	O-XYLENE	20.000	19.947	0.3	53	-0.10
56 P,T	BROMOFORM	20.000	16.547	17.3	57	-0.10
57 P,T	1122-TETRACLETHANE	20.000	20.791	-4.0	56	-0.08
58 T	ISOPROPYL BENZENE	20.000	20.613	-3.1	54	-0.09
59 S	S4BRFLUOROBENZENE	20.000	23.433	-17.2	65	-0.09
60 T	123-TRICLPROPANE	20.000	19.992	0.0	54	-0.08
61 T	TRANS14DICL2BUTENE	100.000	96.797	3.2	55	-0.08
62 T	BROMOBENZENE	20.000	21.609	-8.0	59	-0.08
63 T	N-PROPYLBENZENE	20.000	21.582	-7.9	58	-0.08
64 T	2-CHLOROTOLUENE	20.000	20.854	-4.3	56	-0.08
65 T	4-CHLOROTOLUENE	20.000	20.981	-4.9	58	-0.09
66 T	135TRIMETHYLBENZENE	20.000	21.221	-6.1	57	-0.09
67 T	TERT-BUTYLBENZENE	20.000	20.797	-4.0	56	-0.08
68 T	124TRIMETHYLBENZENE	20.000	20.668	-3.3	55	-0.08
69 T	SEC-BUTYLBENZENE	20.000	21.692	-8.5	57	-0.07
70 T	13-DICHLOROBENZENE	20.000	19.327	3.4	53	-0.07
71 I	114-DICLBENZENE-D4	20.000	20.000	0.0	70	-0.09
72 T	4-ISOPROPYLTOLUENE	20.000	17.274	13.6	57	-0.07
73 T	14-DICHLOROBENZENE	20.000	17.501	12.5	59	-0.08
74 T	12-DICHLOROBENZENE	20.000	16.709	16.5	57	-0.07
75 T	N-BUTYLBENZENE	20.000	18.059	9.7	59	-0.08
76 T	12-DIBR-3CLPROPANE	20.000	17.639	11.8	66	-0.08
77	124-TRICLBENZENE	20.000	18.056	9.7	61	-0.08
78 T	NAPHTHALENE	20.000	17.963	10.2	60	-0.08
79 T	HEXACHLOROBUTADIENE	20.000	17.077	14.6	55	-0.08
80	123-TRICLBENZENE	20.000	16.549	17.3	56	-0.09

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571703.D
 Acq On : 30 Jan 2018 9:54 am
 Operator : KMOR
 Sample : ICV/2800031
 Misc : RUN195717
 ALS Vial : 4 Sample Multiplier: 1

① Inner-integration of peak due using
 baseline. DL 01/31/18.

② For integration of peak by

Quant Time: Jan 31 09:07:51 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

computer data
 system. DL 01/31/18.

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	225368	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	355324	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	268595m	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	182811	20.00	µg/L	#-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	163374	22.89	µg/L	-0.07
Spiked Amount 20.000	Range 80 - 120		Recovery =	114.45%		
39) STOLUENE-D8	10.345	98	432612	20.67	µg/L	-0.09
Spiked Amount 20.000	Range 80 - 120		Recovery =	103.35%		
59) S4BRFLUOROBENZENE	15.269	95	170420m	23.43	µg/L	-0.09
Spiked Amount 20.000	Range 80 - 120		Recovery =	117.15%		
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	2.843	85	66458m	22.69	µg/L	
3) CHLOROMETHANE	3.097	50	73618m	20.52	µg/L	
4) VINYL CHLORIDE	3.209	62	66308m	21.70	µg/L	
5) BROMOMETHANE	3.605	94	47448m	20.74	µg/L	
6) CHLOROETHANE	3.747	64	38851m	23.22	µg/L	
7) TRICLFLUOROMETHANE	3.899	101	122237m	23.91	µg/L	
8) ACROLEIN	4.823	56	28959	458.61	µg/L #	99
9) ACETONE	5.117	43	117044	103.48	µg/L #	99
10) 11-DICHLOROETHENE	4.468	61	52854	21.53	µg/L	93
11) IODOMETHANE	4.660	142	309126	84.24	µg/L	99
12) CARBON DISULFIDE	4.549	76	730192	110.06	µg/L #	99
13) ACRYLONITRILE	5.970	53	147575	87.93	µg/L	99
14) DICHLOROMETHANE	5.077	84	50422m	21.96	µg/L	
15) TRANS12DICLETHENE	5.259	96	53336	20.52	µg/L	98
16) 11-DICHLOROETHANE	5.929	63	111568	20.96	µg/L	99
17) VINYL ACETATE	6.132	43	773642	92.09	µg/L #	95
18) 2-BUTANONE	7.188	43	206258	86.35	µg/L	92
19) CIS12DICHLOROETHENE	6.538	96	56016	18.06	µg/L #	81
20) 22-DICHLOROPROPANE	6.670	77	84015	21.63	µg/L	97
21) CHLOROFORM	6.833	83	131401	20.94	µg/L #	99
22) BROMOCHLOROMETHANE	6.782	49	73176	20.36	µg/L #	71
25) TETRAHYDROFURAN	7.066	42	87016m	20.10	µg/L	
26) 111-TRICHLOROETHANE	7.127	97	104785	19.40	µg/L	95
27) 11-DICHLOROPROPENE	7.259	75	70643	17.94	µg/L #	87
28) 12-DICHLOROETHANE	7.828	62	112185	20.54	µg/L #	98
29) CARBONTETRACHLORIDE	7.046	117	88371	19.78	µg/L	99
30) BENZENE	7.574	78	209652	17.91	µg/L #	95
31) TRICHLOROETHENE	8.325	132	51961	17.17	µg/L #	89
32) 12-DICHLOROPROPANE	9.046	63	60383	17.35	µg/L #	94
33) DIBROMOMETHANE	8.924	174	38269	16.34	µg/L #	80
34) BROMODICLMETHANE	9.117	83	88017	18.91	µg/L	99
35) 2-CLETHYL VINYLETHER	9.889	63	184388m	88.43	µg/L	
36) EPICHLOROHYDRIN	10.427	57	177385m	438.81	µg/L	
37) 4METHYL-2-PENTANONE	10.985	43	440010	84.66	µg/L #	87
38) CIS13DICLPROPENE	10.041	75	82300	16.85	µg/L	85
40) TOLUENE	10.427	91	222625	16.47	µg/L	97
41) TRANS13DICLPROPENE	11.076	75	86387m	17.80	µg/L	
42) 112-TRICHLOROETHANE	11.350	97	59422	17.80	µg/L #	87
43) 2-HEXANONE	12.416	43	340019m	92.40	µg/L	
44) 13-DICHLOROPROPANE	11.838	76	102685	17.53	µg/L	88

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571703.D
 Acq On : 30 Jan 2018 9:54 am
 Operator : KMOR
 Sample : ICV/2800031
 Misc : RUN195717
 ALS Vial : 4 Sample Multiplier: 1

*0 poor integration of peak by
 computer data system. WC
 01/31/18.*

Quant Time: Jan 31 09:07:51 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	70985m	17.33	µg/L	
46) TETRACHLOROETHENE	11.086	166	54689	17.45	µg/L #	86
47) 12-DIBROMOETHANE	12.132	107	53714	16.11	µg/L	99
49) CHLOROBENZENE	13.056	112	151596	20.31	µg/L	80
50) 1-CHLOROHEXANE	12.954	91	72368m	19.94	µg/L	
51) 1112-TETRACLETHANE	13.157	131	58350	21.21	µg/L	91
52) ETHYLBENZENE	13.066	91	256914	21.37	µg/L	95
53) MP-XYLENE	13.330	91	413112	41.28	µg/L	91
54) STYRENE	14.274	104	145046	19.97	µg/L	91
55) O-XYLENE	14.173	91	202946	19.95	µg/L	93
56) BROMOFORM	14.355	173	44143m	16.55	µg/L	
57) 1122-TETRACLETHANE	15.584	83	100752	20.79	µg/L	97
58) ISOPROPYL BENZENE	14.751	105	236657	20.61	µg/L	93
60) 123-TRICLPROPANE	15.817	110	28082	19.99	µg/L	91
61) TRANS14DICL2BUTENE	15.868	53	62725	96.80	µg/L #	73
62) BROMOBENZENE	15.462	77	133054	21.61	µg/L	75
63) N-PROPYLBENZENE	15.472	91	301527	21.58	µg/L	92
64) 2-CHLOROTOLUENE	15.756	91	209707	20.85	µg/L	83
65) 4-CHLOROTOLUENE	16.010	91	186421	20.98	µg/L	88
66) 135TRIMETHYLBENZENE	15.777	105	224679	21.22	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	172260	20.80	µg/L	88
68) 124TRIMETHYLBENZENE	16.396	105	213722	20.67	µg/L	93
69) SEC-BUTYLBENZENE	16.568	105	253258	21.69	µg/L	98
70) 13-DICHLOROBENZENE	16.924	146	106431	19.33	µg/L	94
72) 4-ISOPROPYLTOLUENE	16.772	119	209604	17.27	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	121539	17.50	µg/L #	83
74) 12-DICHLOROBENZENE	17.655	146	118032	16.71	µg/L	93
75) N-BUTYLBENZENE	17.381	91	200140	18.06	µg/L	95
76) 12-DIBR-3CLPROPANE	18.771	157	19840m	17.64	µg/L	
77) 124-TRICLBENZENE	19.736	180	77928m	18.06	µg/L	
78) NAPHTHALENE	20.213	128	230944m	17.96	µg/L	
79) HEXACHLOROBUTADIENE	19.665	225	30109	17.08	µg/L	97
80) 123-TRICLBENZENE	20.497	182	70560m	16.55	µg/L	

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

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
Data File : 571703.D
Acq On : 30 Jan 2018 9:54 am
Operator : KMOR
Sample : ICV/2800031
Misc : RUN195717
ALS Vial : 4 Sample Multiplier: 1

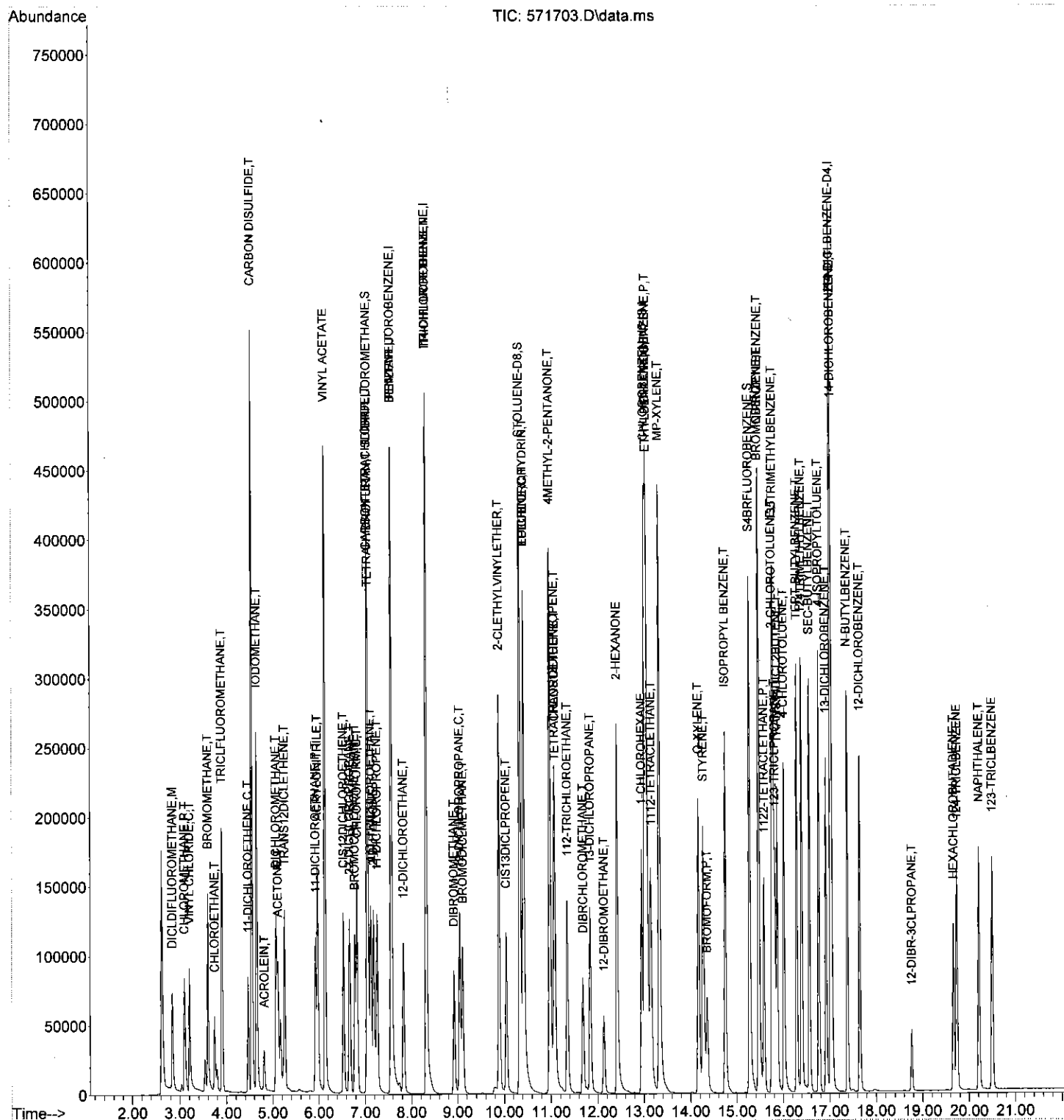
Quant Time: Jan 31 09:07:51 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571704.D
 Acq On : 30 Jan 2018 10:20 am
 Operator : KMOR
 Sample : FB 012418/2798580
 Misc : RUN195717
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 31 09:09:29 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	224381	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	358248	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	304483	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	139147	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	159858	22.21	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 111.05%	
39) STOLUENE-D8	10.345	98	425076	20.15	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 100.75%	
59) S4BRFLUOROBENZENE	15.269	95	156129	18.94	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 94.70%	

Target Compounds

						Qvalue
2) DICLIDIFLUOROMETHANE	2.833	85	198	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	607	N.D.		
6) CHLOROETHANE	3.473	64	432	N.D.		
7) TRICLFLUOROMETHANE	3.899	101	431	N.D.		
8) ACROLEIN	0.000		0	N.D.	d	
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	1084	N.D.		
12) CARBON DISULFIDE	0.000		0	N.D.	d	
13) ACRYLONITRILE	5.980	53	67	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.259	96	245	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.132	43	609	N.D.		
18) 2-BUTANONE	7.188	43	511	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	466	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	744	N.D.		
25) TETRAHYDROFURAN	7.005	42	71	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	7.269	75	79	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	618	N.D.		
30) BENZENE	7.584	78	253	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	10.995	43	590	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	385	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	12.437	43	1081	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571704.D
 Acq On : 30 Jan 2018 10:20 am
 Operator : KMOR
 Sample : FB 012418/2798580
 Misc : RUN195717
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 31 09:09:29 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	11.086	166	73	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	432	N.D.		
50) 1-CHLOROHEXANE	12.954	91	124	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.066	91	1633	N.D.		
53) MP-XYLENE	13.330	91	1131	N.D.		
54) STYRENE	14.274	104	214	N.D.		
55) O-XYLENE	14.183	91	205	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	14.761	105	317	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.472	77	635	N.D.		
63) N-PROPYLBENZENE	15.472	91	1476	N.D.		
64) 2-CHLOROTOLUENE	15.756	91	674	N.D.		
65) 4-CHLOROTOLUENE	16.020	91	883	N.D.		
66) 135TRIMETHYLBENZENE	15.777	105	514	N.D.		
67) TERT-BUTYLBENZENE	16.294	119	285	N.D.		
68) 124TRIMETHYLBENZENE	16.396	105	610	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	859	N.D.		
70) 13-DICHLOROBENZENE	16.934	146	632	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	887	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	1419	N.D.		
74) 12-DICHLOROBENZENE	17.655	146	717	N.D.		
75) N-BUTYLBENZENE	17.391	91	1895	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.736	180	962	N.D.		
78) NAPHTHALENE	20.223	128	2395	N.D.		
79) HEXACHLOROBUTADIENE	19.665	225	655	N.D.		
80) 123-TRICLBENZENE	20.497	182	949	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571704.D
Acq On : 30 Jan 2018 10:20 am
Operator : KMOR
Sample : FB 012418/2798580
Misc : RUN195717
ALS Vial : 5 Sample Multiplier: 1

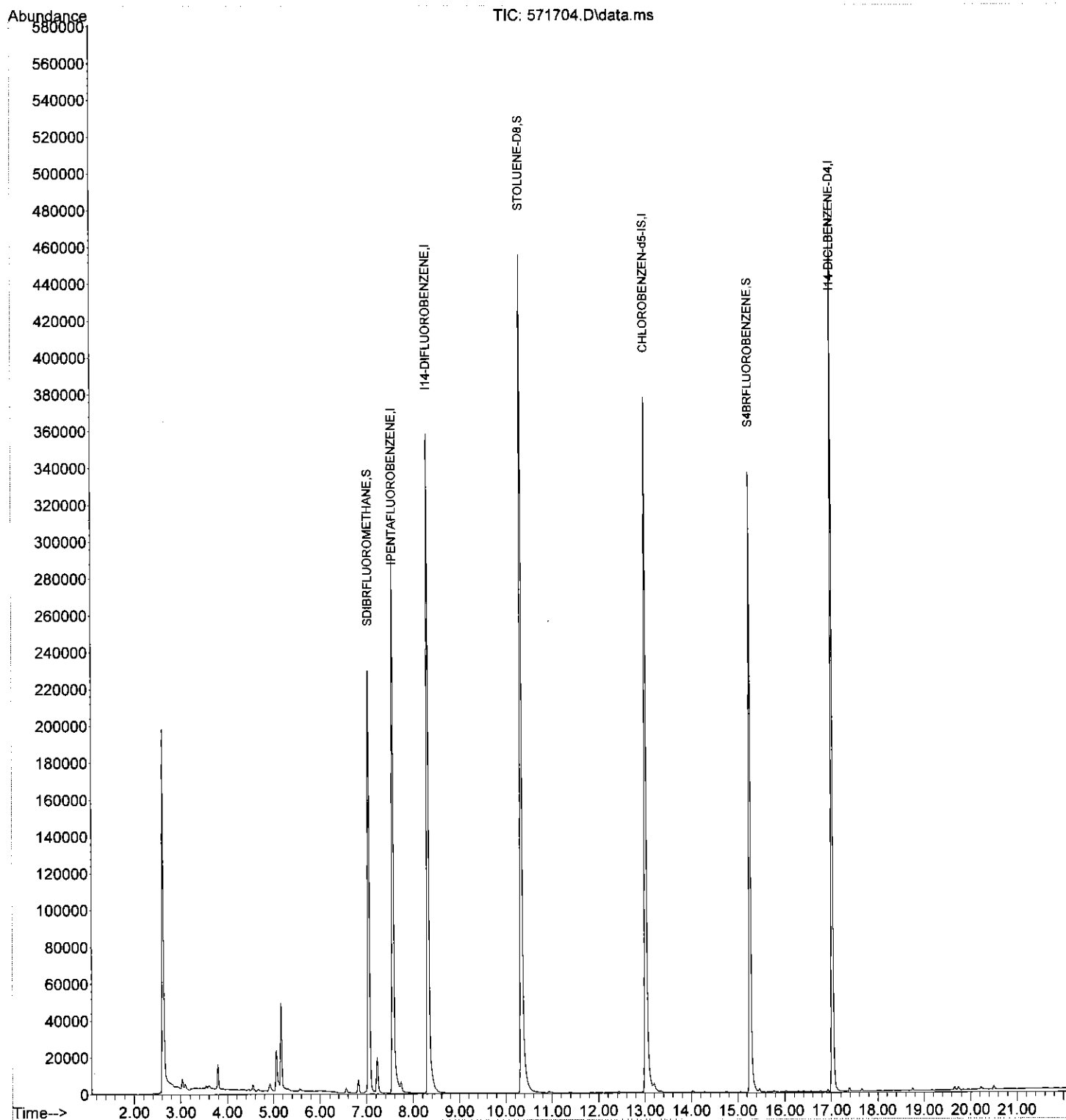
Quant Time: Jan 31 09:09:29 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571705.D
 Acq On : 30 Jan 2018 10:46 am
 Operator : KMOR
 Sample : TB 012518/2798587
 Misc : RUN195717
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 09:10:13 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	222643	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	356702	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	299824	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	137020	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	157377	21.96	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 109.80%	
39) STOLUENE-D8	10.345	98	421572	20.07	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 100.35%	
59) S4BRFLUOROBENZENE	15.269	95	152151	18.74	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.70%	

Target Compounds

					Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.	
3) CHLOROMETHANE	0.000		0	N.D. d	
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.605	94	473	N.D.	
6) CHLOROETHANE	3.797	64	548	N.D.	
7) TRICLFLUOROMETHANE	0.000		0	N.D.	
8) ACROLEIN	0.000		0	N.D.	
9) ACETONE	0.000		0	N.D. d	
10) 11-DICHLOROETHENE	0.000		0	N.D.	
11) IODOMETHANE	4.670	142	719	N.D.	
12) CARBON DISULFIDE	4.549	76	1694	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	0.000		0	N.D. d	
15) TRANS12DICLETHENE	5.178	96	370	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	6.153	43	208	N.D.	
18) 2-BUTANONE	7.554	43	359	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	6.823	83	436	N.D.	
22) BROMOCHLOROMETHANE	6.823	49	737	N.D.	
25) TETRAHYDROFURAN	0.000		0	N.D.	
26) 111-TRICHLOROETHANE	0.000		0	N.D.	
27) 11-DICHLOROPROPENE	0.000		0	N.D.	
28) 12-DICHLOROETHANE	0.000		0	N.D.	
29) CARBONTETRACHLORIDE	6.975	117	682	N.D.	
30) BENZENE	7.584	78	63	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	0.000		0	N.D.	
33) DIBROMOMETHANE	0.000		0	N.D.	
34) BROMODICLMETHANE	0.000		0	N.D.	
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.	
36) EPICHLOROHYDRIN	0.000		0	N.D. d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	10.427	91	147	N.D.	
41) TRANS13DICLPROPENE	0.000		0	N.D.	
42) 112-TRICHLOROETHANE	0.000		0	N.D.	
43) 2-HEXANONE	0.000		0	N.D.	
44) 13-DICHLOROPROPANE	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571705.D
 Acq On : 30 Jan 2018 10:46 am
 Operator : KMOR
 Sample : TB 012518/2798587
 Misc : RUN195717
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 09:10:13 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	662	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	850	N.D.		
53) MP-XYLENE	13.340	91	244	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	932	N.D.		
63) N-PROPYLBENZENE	15.472	91	367	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	16.030	91	146	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	16.558	105	202	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	214	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	292	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.381	91	549	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.746	180	227	N.D.		
78) NAPHTHALENE	20.223	128	319	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	20.497	182	71	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571705.D
Acq On : 30 Jan 2018 10:46 am
Operator : KMOR
Sample : TB 012518/2798587
Misc : RUN195717
ALS Vial : 6 Sample Multiplier: 1

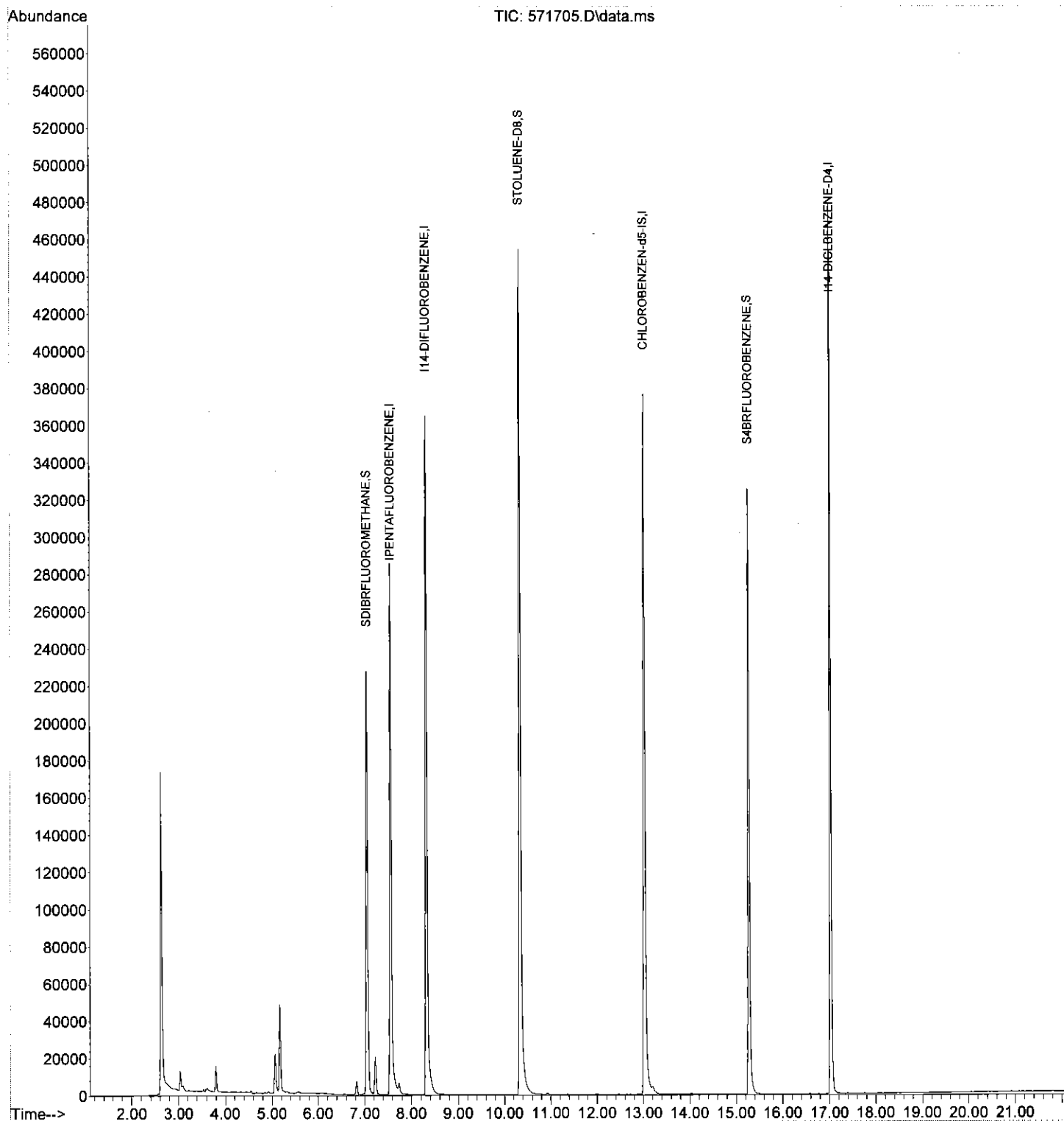
Quant Time: Jan 31 09:10:13 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571706.D
 Acq On : 30 Jan 2018 11:12 am
 Operator : KMOR
 Sample : FB 012518/2798590
 Misc : RUN195717
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 31 09:11:31 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	212078	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	340120	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	287107	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	130663	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	151865	22.23	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.15%
39) STOLUENE-D8	10.345	98	404378	20.19	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	100.95%
59) S4BRFLUOROBENZENE	15.269	95	146673	18.87	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	94.35%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	498	N.D.		
6) CHLOROETHANE	3.929	64	674	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	11715	11.01	µg/L #	73
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.671	142	513	N.D.		
12) CARBON DISULFIDE	4.549	76	1111	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.178	96	389	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.198	43	136	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	6.569	77	63	N.D.		
21) CHLOROFORM	6.833	83	450	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	727	N.D.		
25) TETRAHYDROFURAN	7.016	42	142	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	564	N.D.		
30) BENZENE	7.574	78	61	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	152	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571706.D
 Acq On : 30 Jan 2018 11:12 am
 Operator : KMOR
 Sample : FB 012518/2798590
 Misc : RUN195717
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 31 09:11:31 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.036	91	579	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.036	91	675	N.D.		
53) MP-XYLENE	13.340	91	69	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	941	N.D.		
63) N-PROPYLBENZENE	15.472	91	79	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	16.772	119	71	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	142	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	217	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571706.D
 Acq On : 30 Jan 2018 11:12 am
 Operator : KMOR
 Sample : FB 012518/2798590
 Misc : RUN195717
 ALS Vial : 7 Sample Multiplier: 1

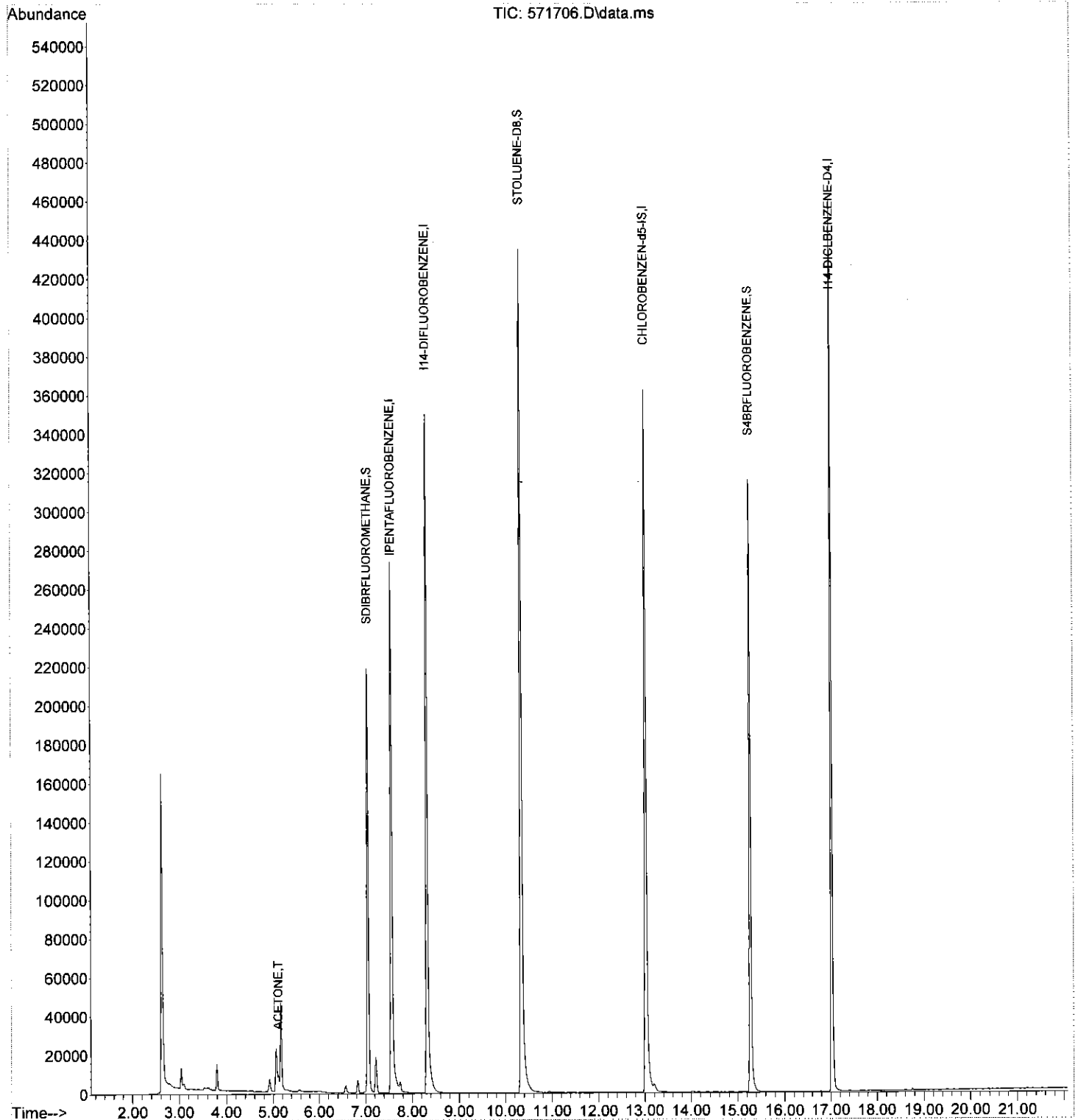
Quant Time: Jan 31 09:11:31 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

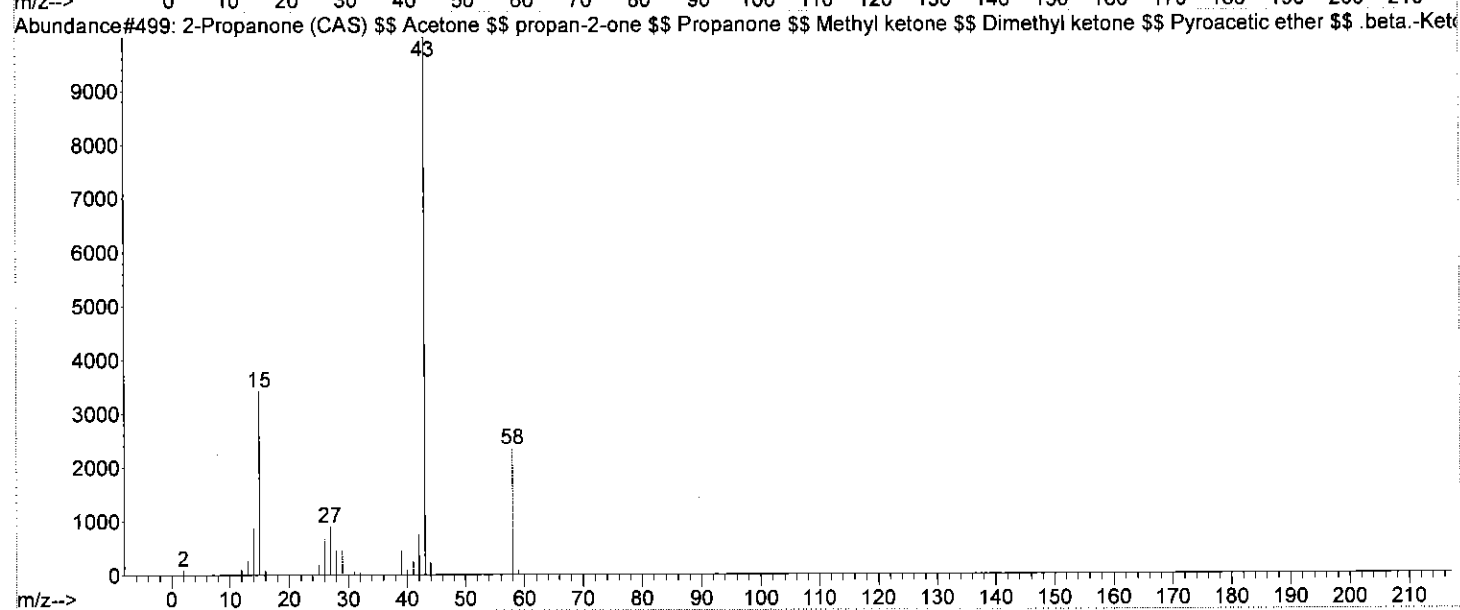
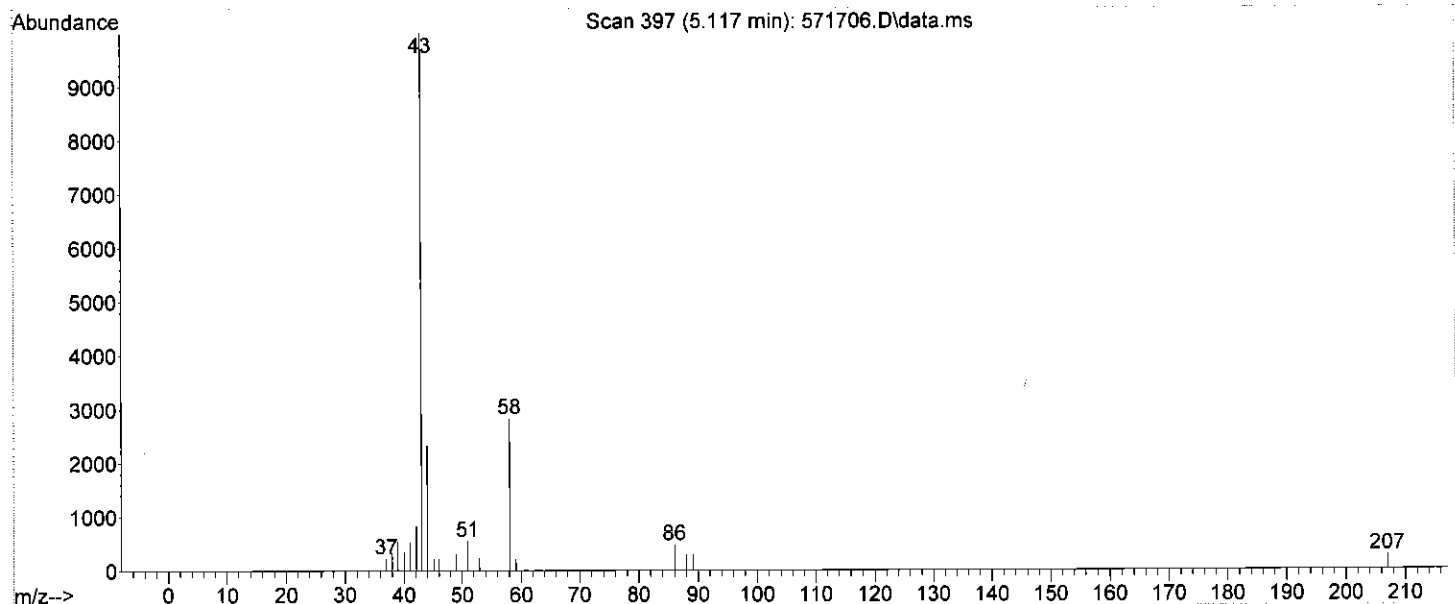
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldehyd
e \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571707.D
 Acq On : 30 Jan 2018 11:38 am
 Operator : KMOR
 Sample : TB 012418/2798576
 Misc : RUN195717
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 09:12:34 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
 .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	213657	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	341454	20.00	µg/L	-0.07
48) CHLOROENZENE-d5-IS	13.025	117	286330	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128879	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	150800	21.98	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	= 109.90%		
39) STOLUENE-D8	10.345	98	402534	20.02	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	= 100.10%		
59) S4BRFLUOROBENZENE	15.279	95	144443	18.63	µg/L	-0.08
Spiked Amount	20.000	Range 80 - 120	Recovery	= 93.15%		

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D. d		
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.615	94	468	N.D.		
6) CHLOROETHANE	0.000		0	N.D. d		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACRROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	3492	3.26	µg/L #	79
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	569	N.D.		
12) CARBON DISULFIDE	4.549	76	859	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D. d		
15) TRANS12DICLETHENE	5.178	96	146	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.564	43	431	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	446	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	632	N.D.		
25) TETRAHYDROFURAN	0.000		0	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.985	117	558	N.D.		
30) BENZENE	0.000		0	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D. d		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	0.000		0	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571707.D
 Acq On : 30 Jan 2018 11:38 am
 Operator : KMOR
 Sample : TB 012418/2798576
 Misc : RUN195717
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 09:12:34 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	627	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	688	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	906	N.D.		
63) N-PROPYLBENZENE	15.279	91	537	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.381	91	145	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571707.D
Acq On : 30 Jan 2018 11:38 am
Operator : KMOR
Sample : TB 012418/2798576
Misc : RUN195717
ALS Vial : 8 Sample Multiplier: 1

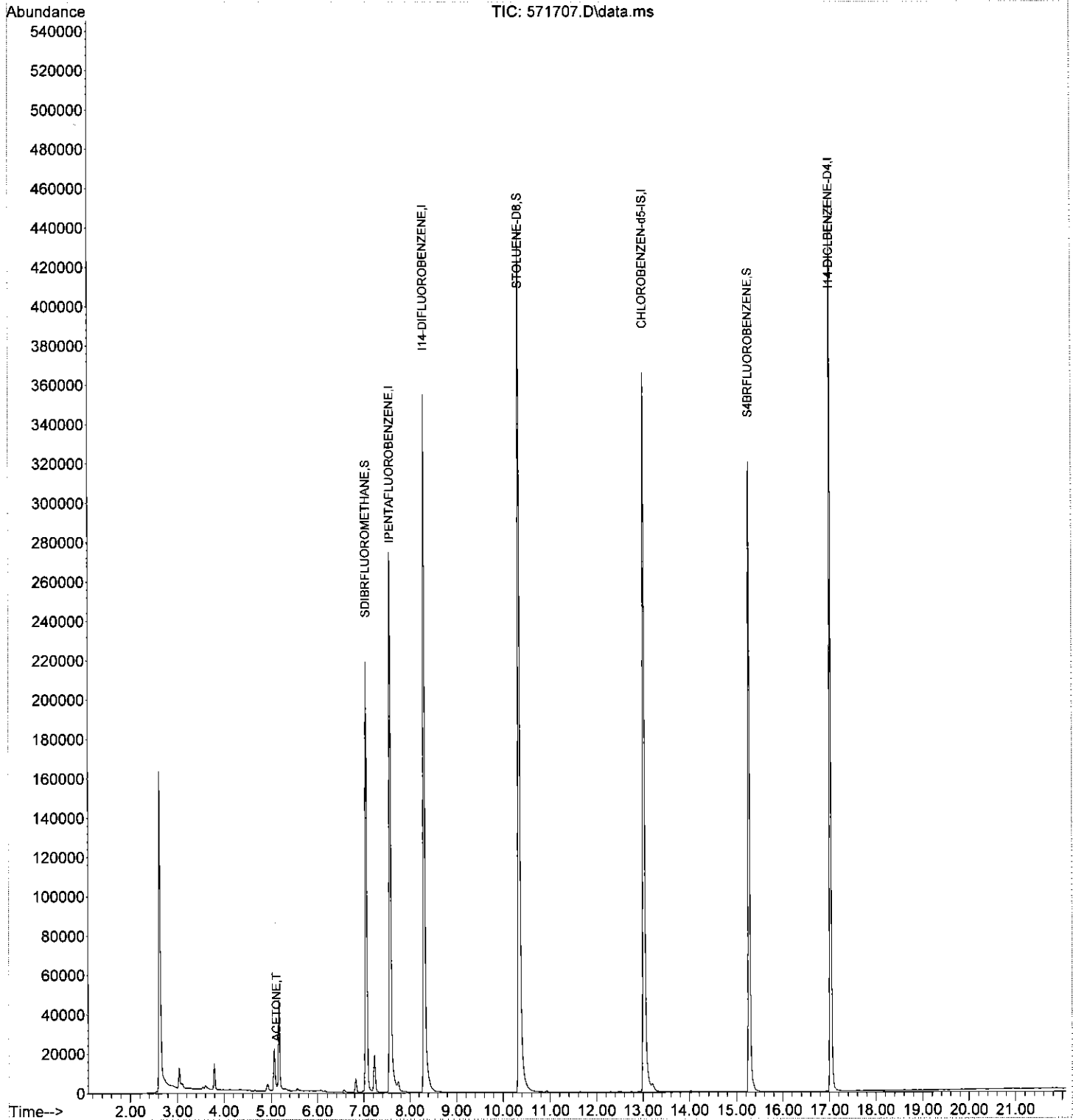
Quant Time: Jan 31 09:12:34 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

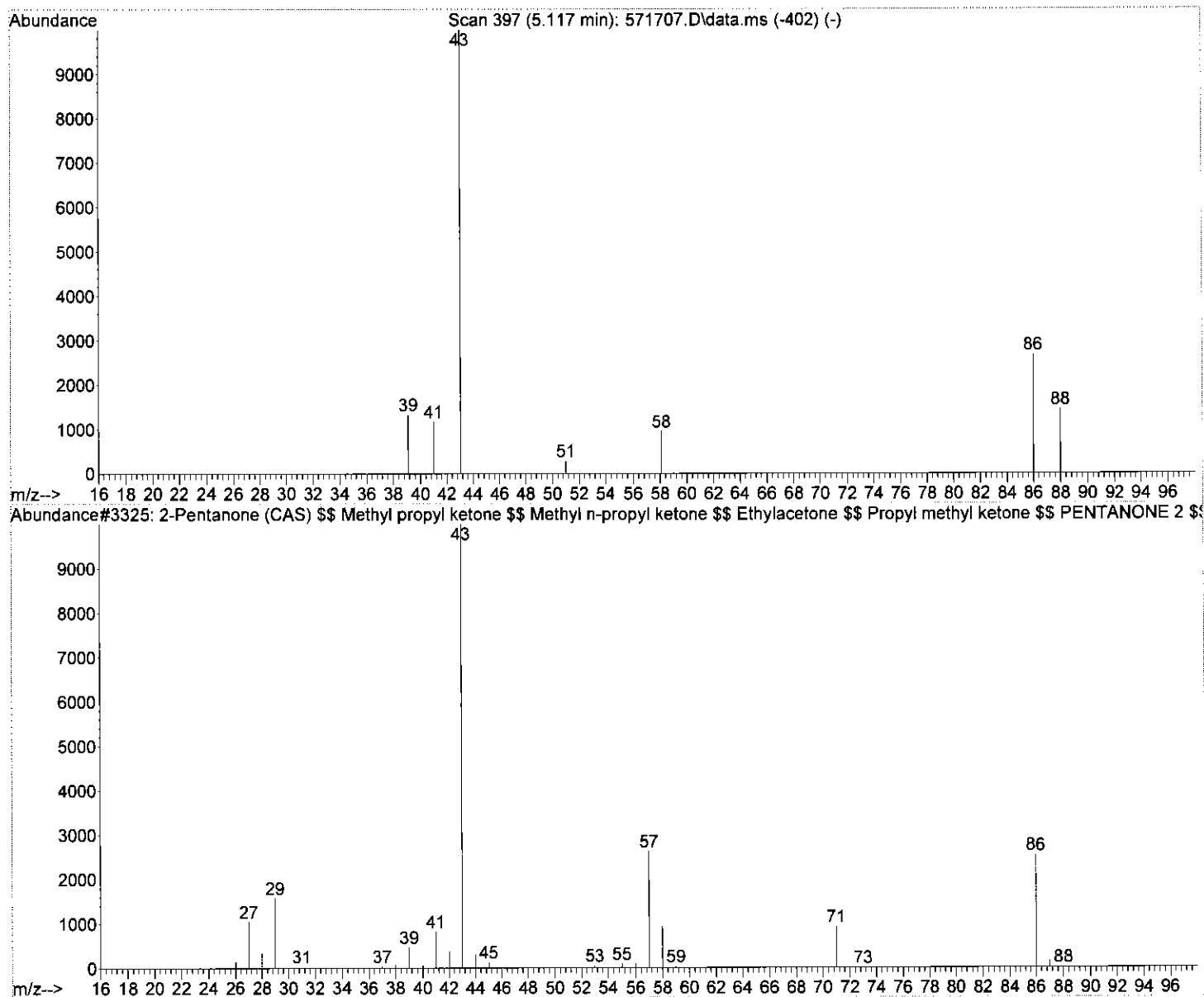
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

ID : 2-Pentanone (CAS) \$\$ Methyl propyl ketone \$\$ Methyl n-propyl ketone \$\$ Ethylacetone \$\$ Propyl methyl ketone \$\$ PENTANONE 2 \$\$ Ethyl acetone \$\$ n-C₃H₇COCH₃ \$
\$ Pentan-2-one \$\$ Metylopropyloketon \$\$ MPK \$\$ UN 1249 \$\$ 4-Methyl-2-butanone



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571708.D
 Acq On : 30 Jan 2018 12:04 pm
 Operator : KMOR
 Sample : AML - 3/2795816
 Misc : RUN195717
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 09:13:42 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	218282	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	346475	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	290689	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	132504	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	154950	22.26	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.30%
39) STOLUENE-D8	10.345	98	410834	20.13	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	100.65%
59) S4BRFLUOROBENZENE	15.269	95	147774	18.77	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	93.85%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	521	N.D.		
6) CHLOROETHANE	3.533	64	330	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	386	N.D.		
12) CARBON DISULFIDE	4.549	76	795	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.178	96	180	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.564	43	329	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	50390	8.29	µg/L #	99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.016	42	141	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	641	N.D.		
30) BENZENE	0.000		0	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	0.000		0	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571708.D
 Acq On : 30 Jan 2018 12:04 pm
 Operator : KMOR
 Sample : AML - 3/2795816
 Misc : RUN195717
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 09:13:42 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLORO BENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	672	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	672	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	852	N.D.		
63) N-PROPYLBENZENE	15.269	91	576	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	69	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571708.D
Acq On : 30 Jan 2018 12:04 pm
Operator : KMOR
Sample : AML - 3/2795816
Misc : RUN195717
ALS Vial : 9 Sample Multiplier: 1

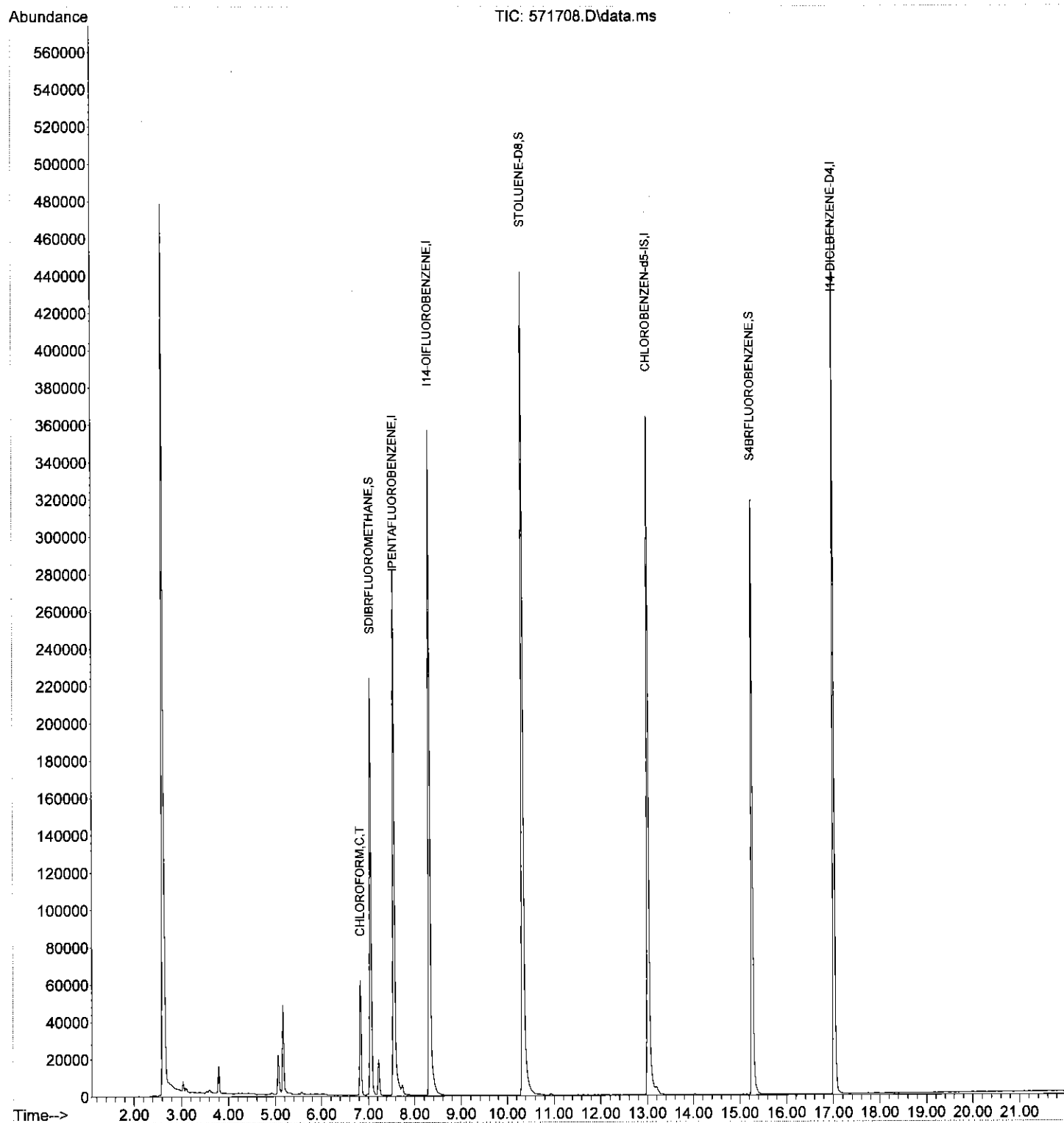
Quant Time: Jan 31 09:13:42 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

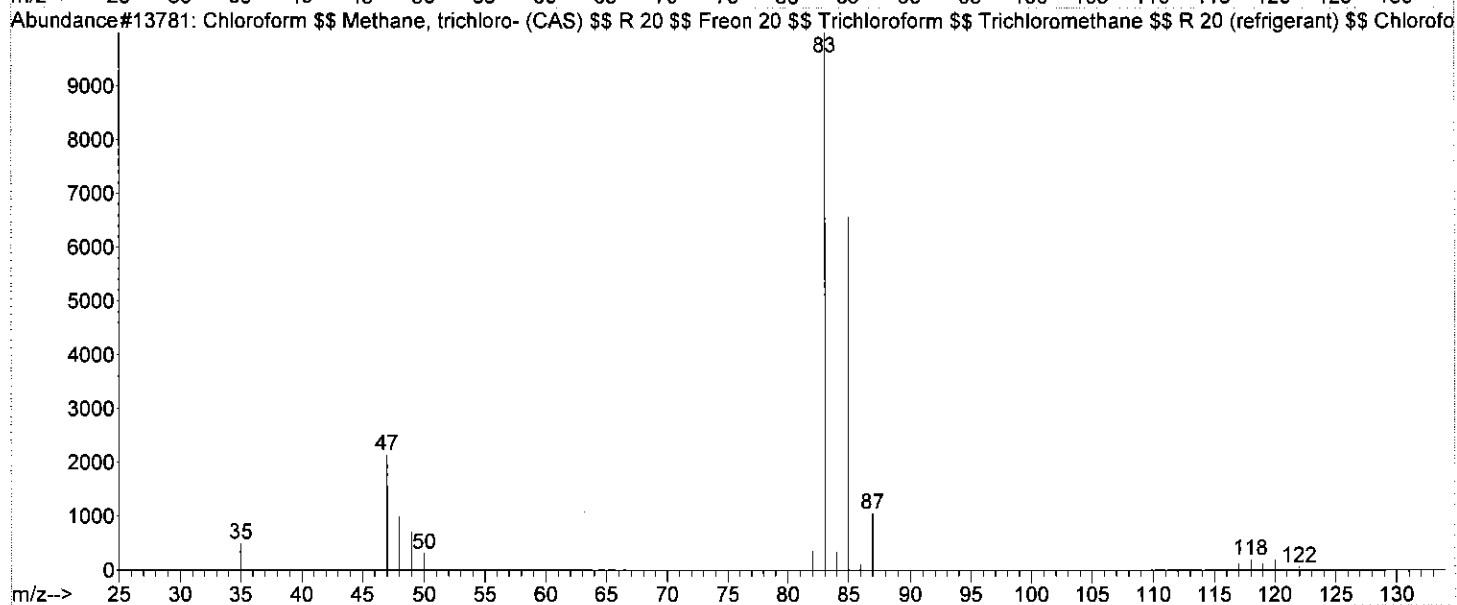
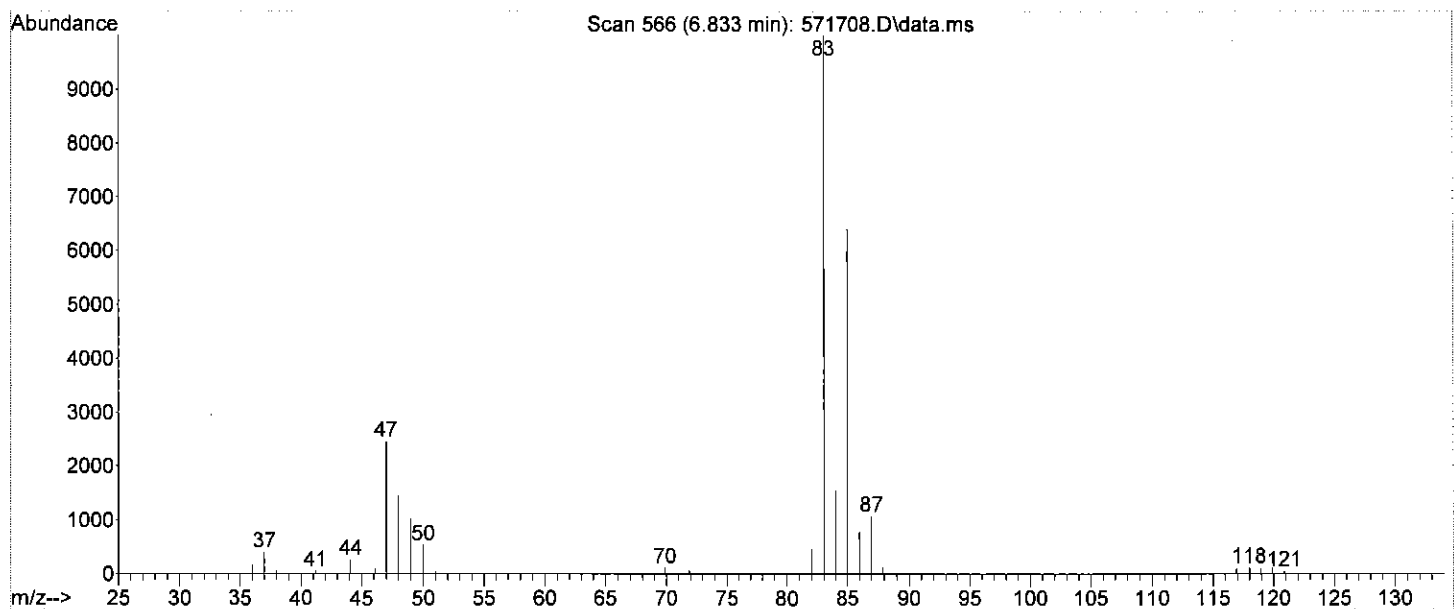
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 78

ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571709.D
 Acq On : 30 Jan 2018 12:30 pm
 Operator : KMOR
 Sample : AML - 5/2795818
 Misc : RUN195717
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 31 09:15:17 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	214588	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	341379	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	293132	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	136102	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	156367	22.80	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	114.00%
39) STOLUENE-D8	10.345	98	417206	20.75	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	103.75%
59) S4BRFLUOROBENZENE	15.269	95	149225	18.80	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) DICLDFLUOROMETHANE	0.000		0	N.D.	
3) CHLOROMETHANE	0.000		0	N.D. d	
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.605	94	439	N.D.	
6) CHLOROETHANE	0.000		0	N.D. d	
7) TRICLFLUOROMETHANE	0.000		0	N.D.	
8) ACROLEIN	0.000		0	N.D.	
9) ACETONE	0.000		0	N.D. d	
10) 11-DICHLOROETHENE	0.000		0	N.D.	
11) IODOMETHANE	4.660	142	424	N.D.	
12) CARBON DISULFIDE	4.549	76	687	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	0.000		0	N.D. d	
15) TRANS12DICLETHENE	5.178	96	289	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	6.132	43	64	N.D.	
18) 2-BUTANONE	7.564	43	410	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	6.833	83	441	N.D.	
22) BROMOCHLOROMETHANE	6.823	49	738	N.D.	
25) TETRAHYDROFURAN	7.005	42	69	N.D.	
26) 111-TRICHLOROETHANE	0.000		0	N.D.	
27) 11-DICHLOROPROPENE	0.000		0	N.D.	
28) 12-DICHLOROETHANE	0.000		0	N.D.	
29) CARBONTETRACHLORIDE	6.985	117	241	N.D.	
30) BENZENE	0.000		0	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	0.000		0	N.D.	
33) DIBROMOMETHANE	0.000		0	N.D.	
34) BROMODICLMEthane	0.000		0	N.D.	
35) 2-CLETHYLVINYLEETHER	0.000		0	N.D.	
36) EPICHLOROHYDRIN	0.000		0	N.D. d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	0.000		0	N.D.	
41) TRANS13DICLPROPENE	0.000		0	N.D.	
42) 112-TRICHLOROETHANE	0.000		0	N.D.	
43) 2-HEXANONE	0.000		0	N.D.	
44) 13-DICHLOROPROPANE	0.000		0	N.D.	

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571709.D
Acq On : 30 Jan 2018 12:30 pm
Operator : KMOR
Sample : AML - 5/2795818
Misc : RUN195717
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 31 09:15:17 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0		N.D.	
46) TETRACHLOROETHENE	0.000		0		N.D.	
47) 12-DIBROMOETHANE	0.000		0		N.D.	
49) CHLOROBENZENE	0.000		0		N.D.	
50) 1-CHLOROHEXANE	13.015	91	593		N.D.	
51) 1112-TETRACLETHANE	0.000		0		N.D.	
52) ETHYLBENZENE	13.015	91	593		N.D.	
53) MP-XYLENE	0.000		0		N.D.	
54) STYRENE	0.000		0		N.D.	
55) O-XYLENE	0.000		0		N.D.	
56) BROMOFORM	0.000		0		N.D.	
57) 1122-TETRACLETHANE	0.000		0		N.D.	
58) ISOPROPYL BENZENE	0.000		0		N.D.	
60) 123-TRICLPROPANE	0.000		0		N.D.	
61) TRANS14DICL2BUTENE	0.000		0		N.D.	
62) BROMOBENZENE	15.269	77	774		N.D.	
63) N-PROPYLBENZENE	15.269	91	574		N.D.	
64) 2-CHLOROTOLUENE	0.000		0		N.D.	
65) 4-CHLOROTOLUENE	0.000		0		N.D.	
66) 135TRIMETHYLBENZENE	0.000		0		N.D.	
67) TERT-BUTYLBENZENE	0.000		0		N.D.	
68) 124TRIMETHYLBENZENE	0.000		0		N.D.	
69) SEC-BUTYLBENZENE	0.000		0		N.D.	
70) 13-DICHLOROBENZENE	0.000		0		N.D.	
72) 4-ISOPROPYLTOLUENE	0.000		0		N.D.	
73) 14-DICHLOROBENZENE	0.000		0		N.D.	
74) 12-DICHLOROBENZENE	0.000		0		N.D.	
75) N-BUTYLBENZENE	0.000		0		N.D.	
76) 12-DIBR-3CLPROPANE	0.000		0		N.D.	
77) 124-TRICLBENZENE	0.000		0		N.D.	
78) NAPHTHALENE	0.000		0		N.D.	
79) HEXACHLOROBUTADIENE	0.000		0		N.D.	
80) 123-TRICLBENZENE	0.000		0		N.D.	

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571709.D
Acq On : 30 Jan 2018 12:30 pm
Operator : KMOR
Sample : AML - 5/2795818
Misc : RUN195717
ALS Vial : 10 Sample Multiplier: 1

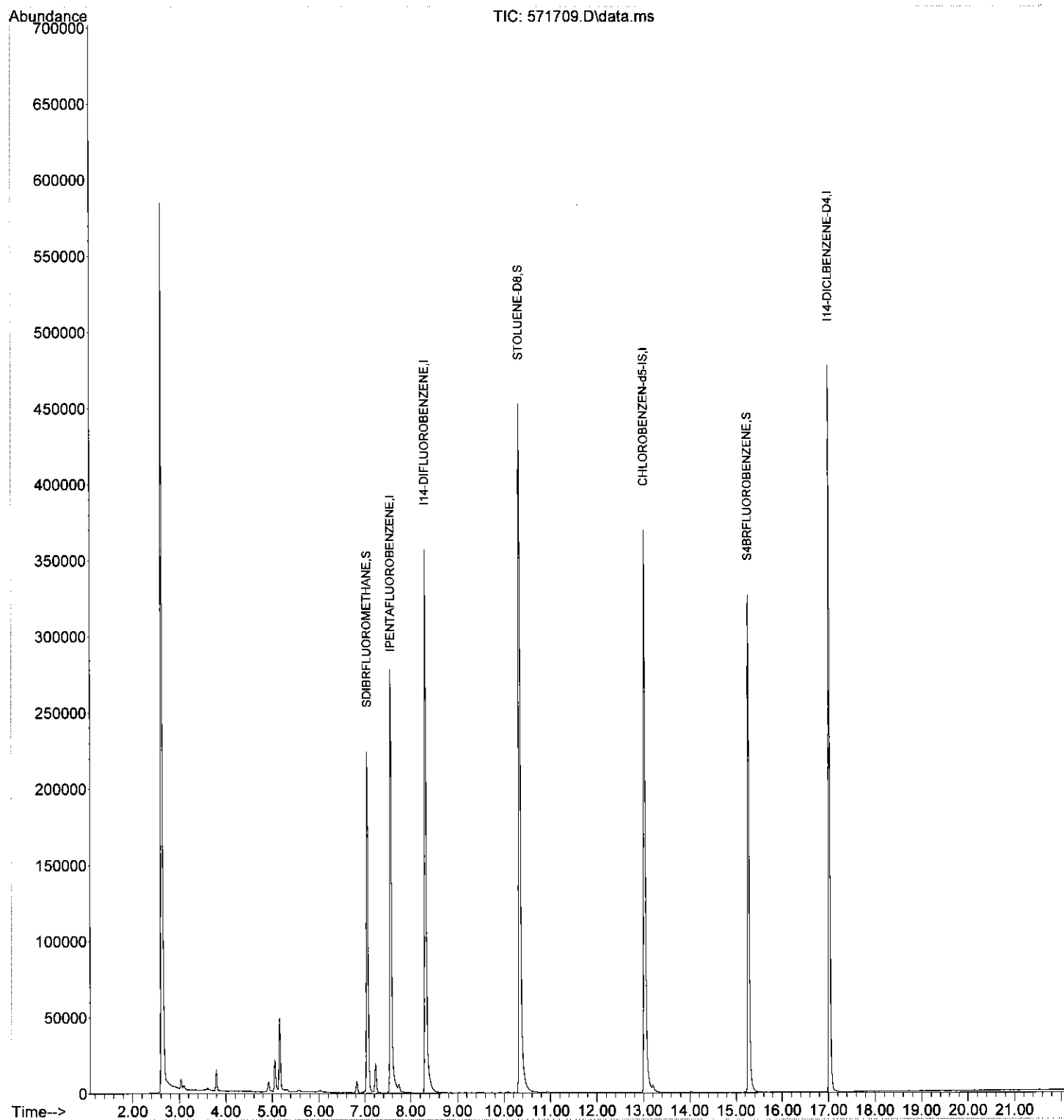
Quant Time: Jan 31 09:15:17 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571710.D
 Acq On : 30 Jan 2018 12:56 pm
 Operator : KMOR
 Sample : AML - 1/2795815
 Misc : RUN195717
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 31 09:18:09 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	211163	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	336910	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	285594	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	129723	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	150968	22.31	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.55%
39) STOLUENE-D8	10.345	98	404186	20.37	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.85%
59) S4BRFLUOROBENZENE	15.269	95	144381	18.67	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	93.35%

Target Compounds

					Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.	
3) CHLOROMETHANE	0.000		0	N.D.	d
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.605	94	472	N.D.	
6) CHLOROETHANE	3.797	64	197	N.D.	
7) TRICLFLUOROMETHANE	0.000		0	N.D.	
8) ACROLEIN	0.000		0	N.D.	
9) ACETONE	0.000		0	N.D.	d
10) 11-DICHLOROETHENE	0.000		0	N.D.	
11) IODOMETHANE	4.681	142	320	N.D.	
12) CARBON DISULFIDE	4.549	76	609	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	0.000		0	N.D.	d
15) TRANS12DICLETHENE	5.188	96	96	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	6.143	43	65	N.D.	
18) 2-BUTANONE	7.229	43	64	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	6.833	83	567	N.D.	
22) BROMOCHLOROMETHANE	6.823	49	765	N.D.	
25) TETRAHYDROFURAN	7.005	42	75	N.D.	
26) 111-TRICHLOROETHANE	0.000		0	N.D.	
27) 11-DICHLOROPROPENE	0.000		0	N.D.	
28) 12-DICHLOROETHANE	0.000		0	N.D.	
29) CARBONTETRACHLORIDE	6.975	117	713	N.D.	
30) BENZENE	0.000		0	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	0.000		0	N.D.	
33) DIBROMOMETHANE	0.000		0	N.D.	
34) BROMODICLMETHANE	0.000		0	N.D.	
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.	
36) EPICHLOROHYDRIN	0.000		0	N.D.	d
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	0.000		0	N.D.	
41) TRANS13DICLPROPENE	0.000		0	N.D.	
42) 112-TRICHLOROETHANE	0.000		0	N.D.	
43) 2-HEXANONE	0.000		0	N.D.	
44) 13-DICHLOROPROPANE	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571710.D
Acq On : 30 Jan 2018 12:56 pm
Operator : KMOR
Sample : AML - 1/2795815
Misc : RUN195717
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 31 09:18:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	613	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	613	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.279	77	892	N.D.		
63) N-PROPYLBENZENE	15.279	91	591	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571710.D
Acq On : 30 Jan 2018 12:56 pm
Operator : KMOR
Sample : AML - 1/2795815
Misc : RUN195717
ALS Vial : 11 Sample Multiplier: 1

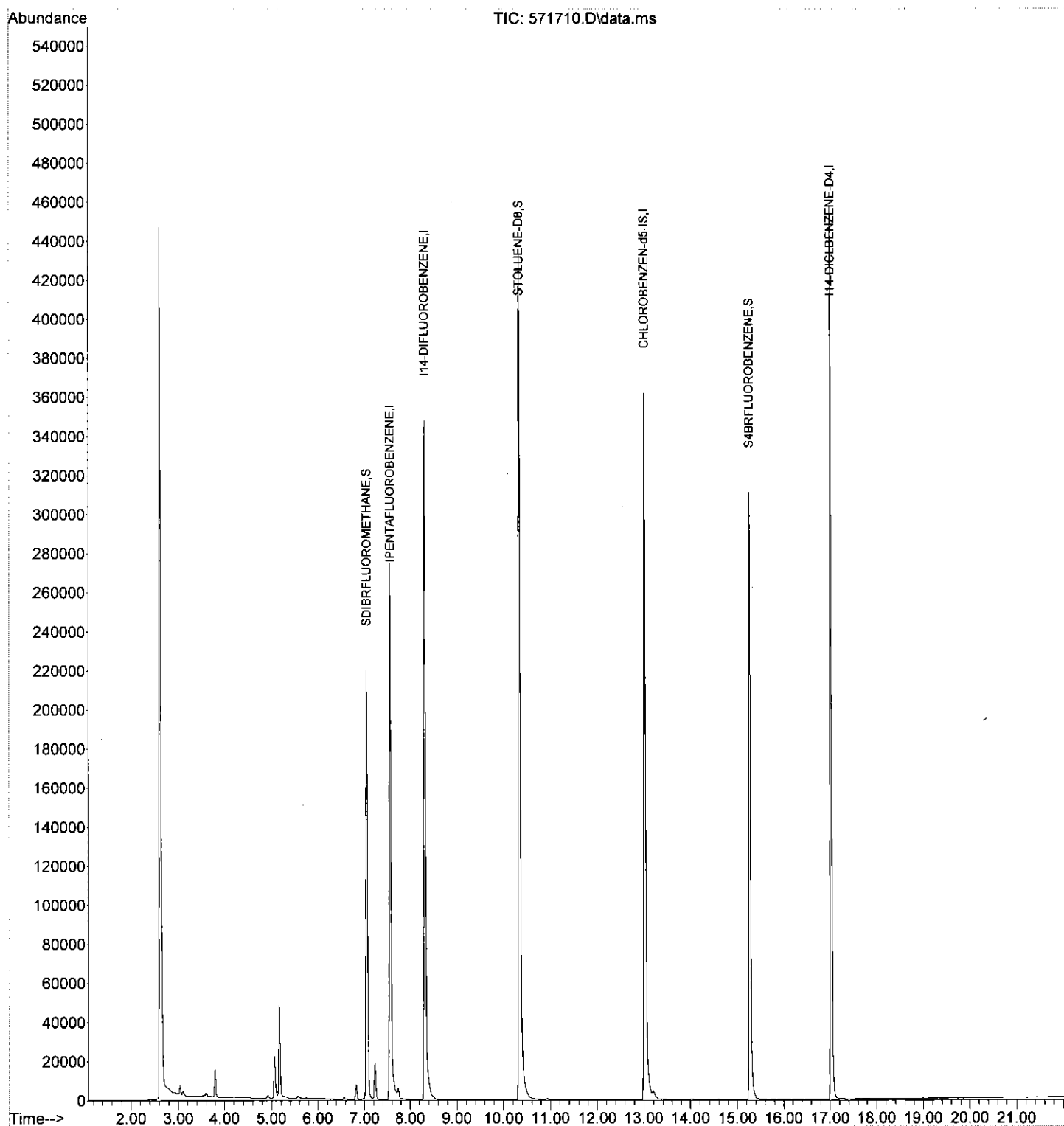
Quant Time: Jan 31 09:18:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571711.D
 Acq On : 30 Jan 2018 1:22 pm
 Operator : KMOR
 Sample : AML - 4/2795817
 Misc : RUN195717
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 31 09:19:35 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	203117	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	327421	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	274191	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	123862	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	146337	22.25	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.25%
39) STOLUENE-D8	10.345	98	389022	20.17	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	100.85%
59) S4BRFLUOROBENZENE	15.269	95	139675	18.81	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	94.05%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	357	N.D.		
6) CHLOROETHANE	0.000		0	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	242	N.D.		
12) CARBON DISULFIDE	4.549	76	601	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.198	96	62	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.564	43	291	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	19710	3.48	µg/L #	98
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.016	42	63	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	553	N.D.		
30) BENZENE	0.000		0	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	0.000		0	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571711.D
 Acq On : 30 Jan 2018 1:22 pm
 Operator : KMOR
 Sample : AML - 4/2795817
 Misc : RUN195717
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 31 09:19:35 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	588	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	588	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	489	N.D.		
63) N-PROPYLBENZENE	15.269	91	559	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOtero\Exported Data & Methods\V7\Data\195717R\
Data File : 571711.D
Acq On : 30 Jan 2018 1:22 pm
Operator : KMOR
Sample : AML - 4/2795817
Misc : RUN195717
ALS Vial : 12 Sample Multiplier: 1

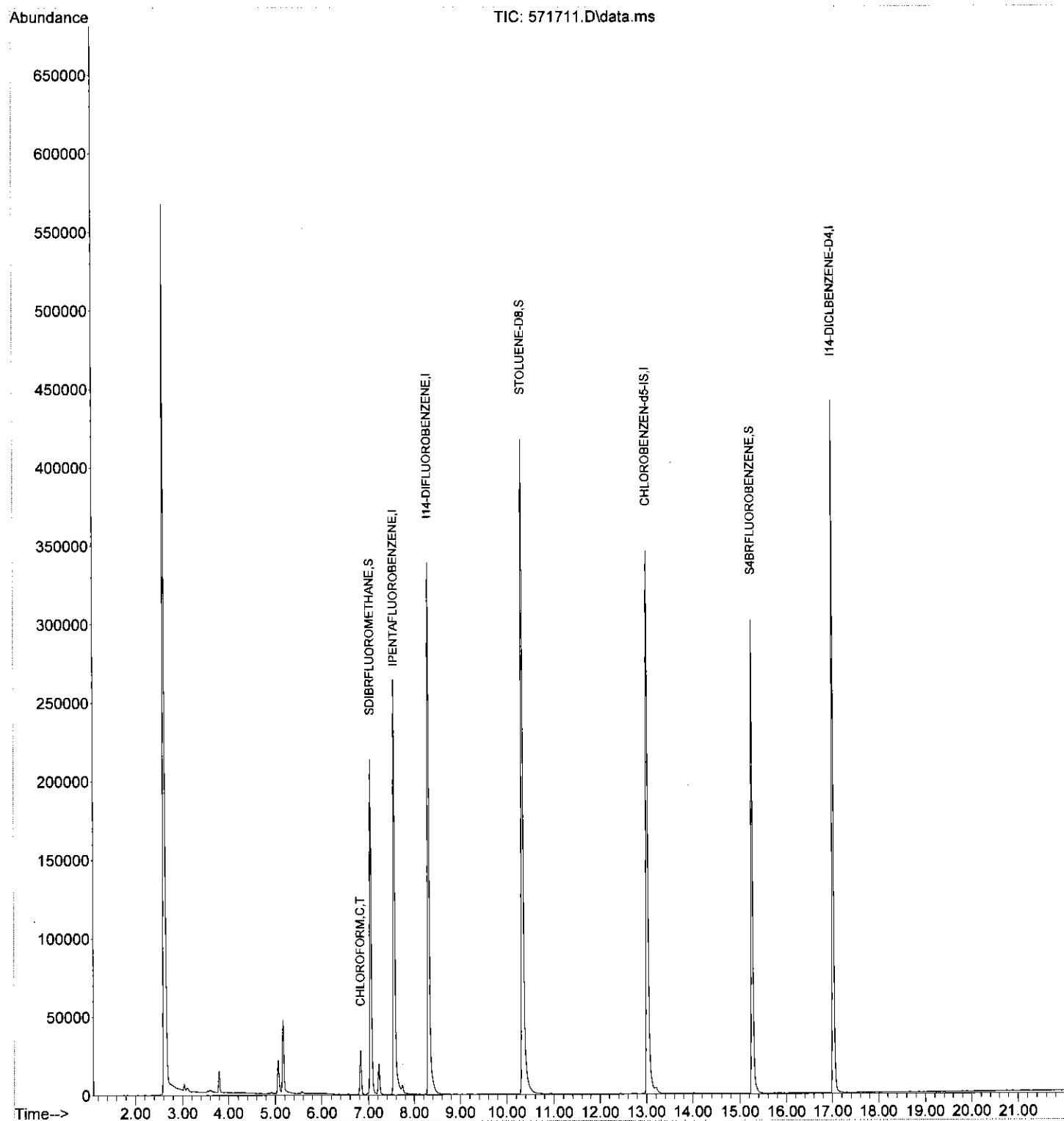
Quant Time: Jan 31 09:19:35 2018

Quant Method : G:\UsersData\UsersData\KOtero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

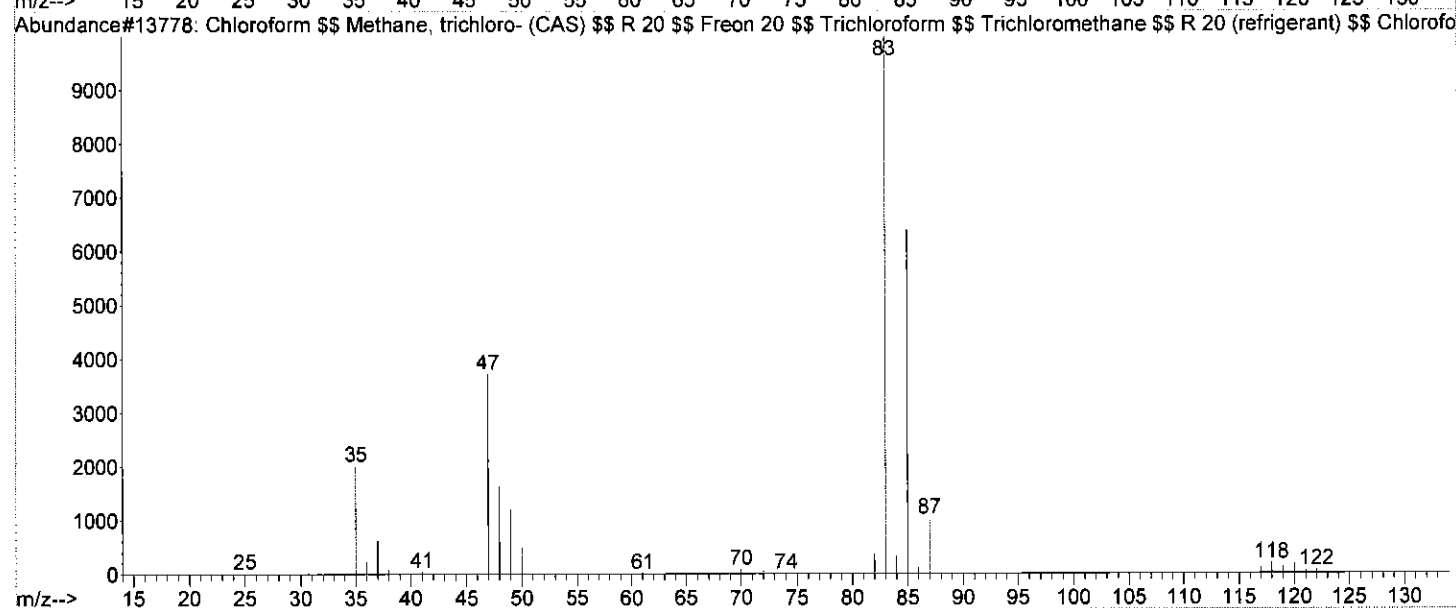
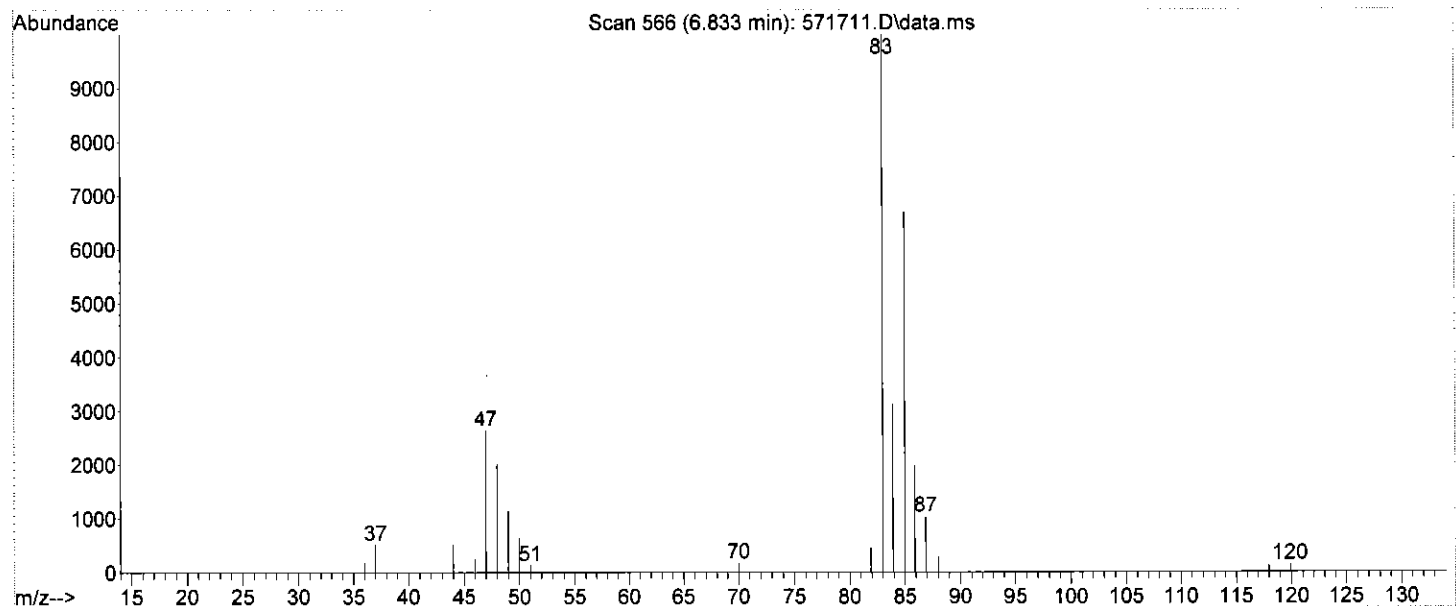
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 49

ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571712.D
 Acq On : 30 Jan 2018 1:48 pm
 Operator : KMOR
 Sample : MW-A/2798579
 Misc : RUN195717
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 31 09:21:17 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	215436	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	343625	20.00	µg/L	-0.07
48) CHLOROBENZEN-d5-IS	13.025	117	283325	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	129477	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	153955	22.30	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.50%
39) STOLUENE-D8	10.345	98	400781	19.80	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.00%
59) S4BRFLUOROBENZENE	15.269	95	144725	18.87	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	94.35%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	445	N.D.		
6) CHLOROETHANE	3.544	64	773	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	6378	5.90	µg/L #	98
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	282	N.D.		
12) CARBON DISULFIDE	4.549	76	522	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.076	84	413	N.D.		
15) TRANS12DICLETHENE	5.178	96	308	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.188	43	71	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	6.559	77	77	N.D.		
21) CHLOROFORM	6.833	83	172	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	744	N.D.		
25) TETRAHYDROFURAN	0.000		0	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.985	117	630	N.D.		
30) BENZENE	7.584	78	2143	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLEETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.437	91	67	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571712.D
 Acq On : 30 Jan 2018 1:48 pm
 Operator : KMOR
 Sample : MW-A/2798579
 Misc : RUN195717
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 31 09:21:17 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	7355	0.93	µg/L #	51
50) 1-CHLOROHEXANE	13.025	91	478	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	540	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	672	N.D.		
63) N-PROPYLBENZENE	15.279	91	518	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
Data File : 571712.D
Acq On : 30 Jan 2018 1:48 pm
Operator : KMOR
Sample : MW-A/2798579
Misc : RUN195717
ALS Vial : 13 Sample Multiplier: 1

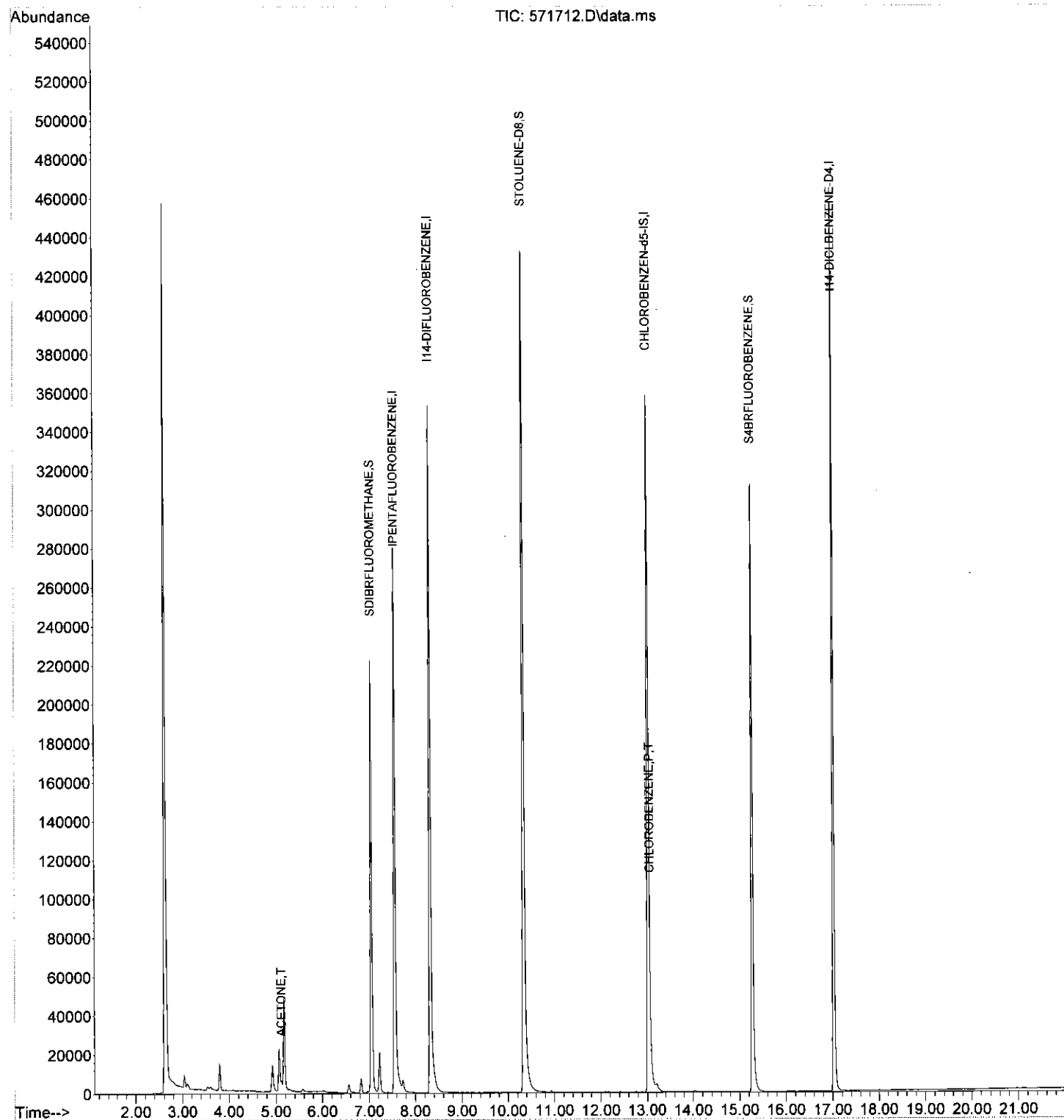
Quant Time: Jan 31 09:21:17 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

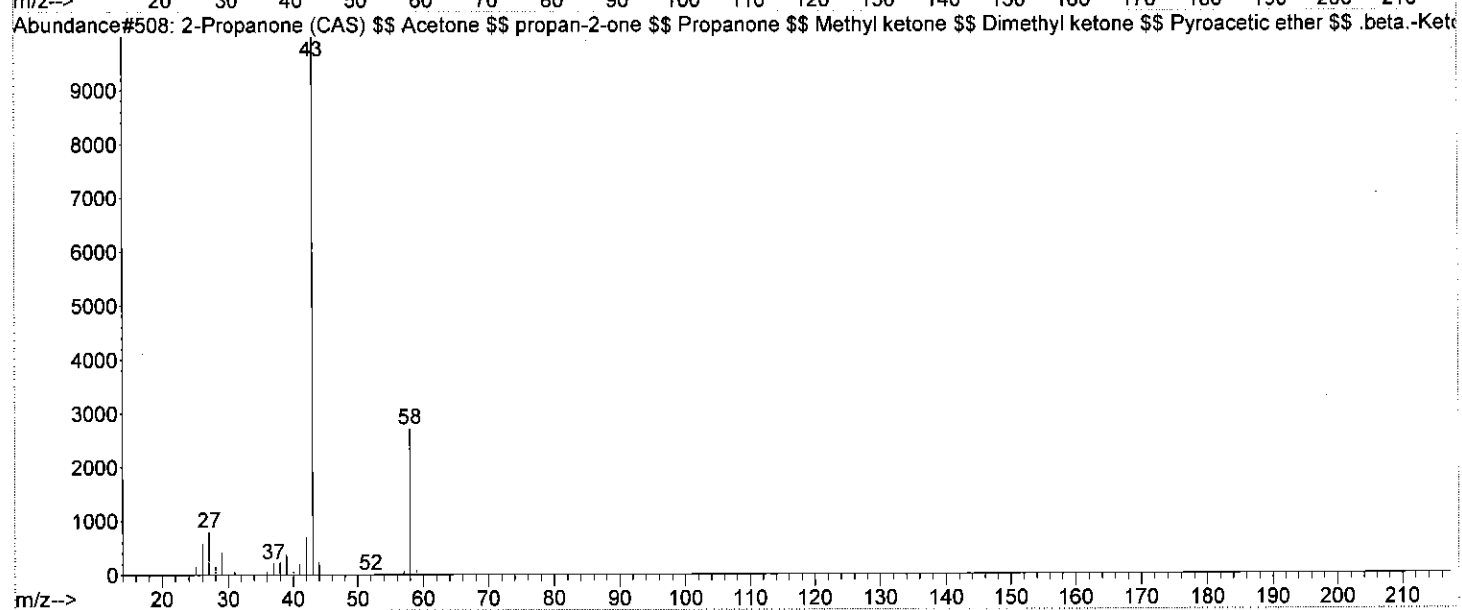
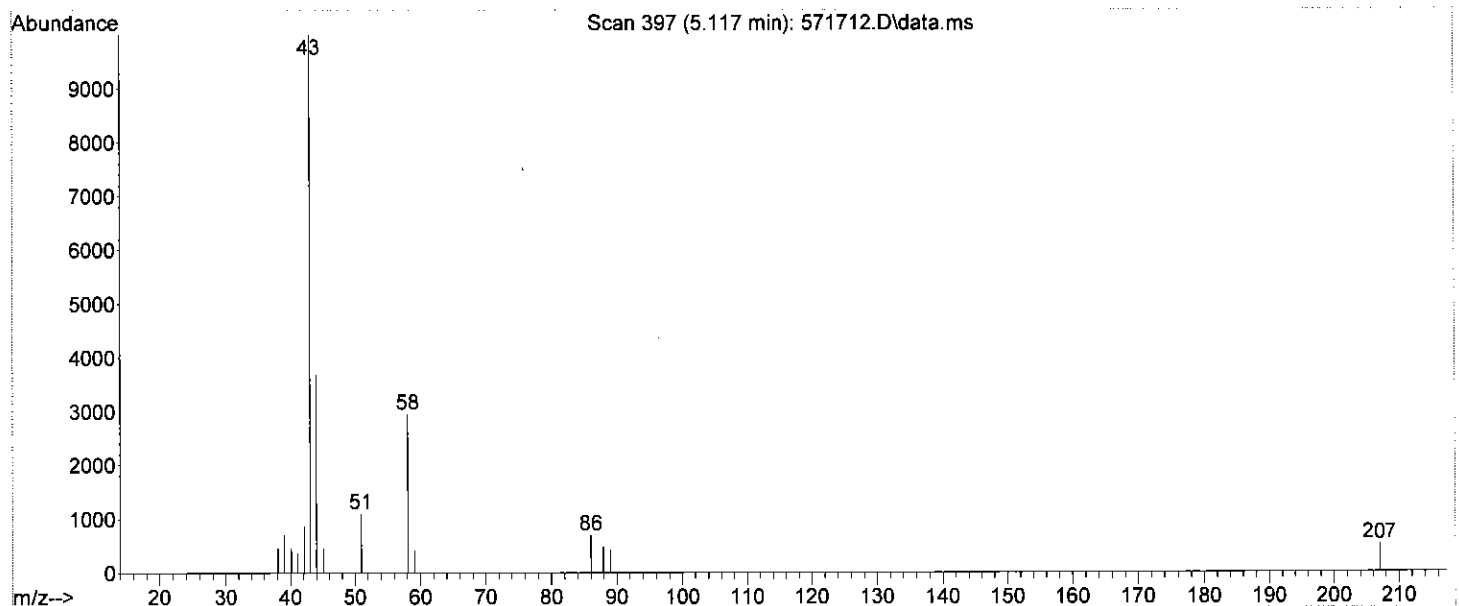
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

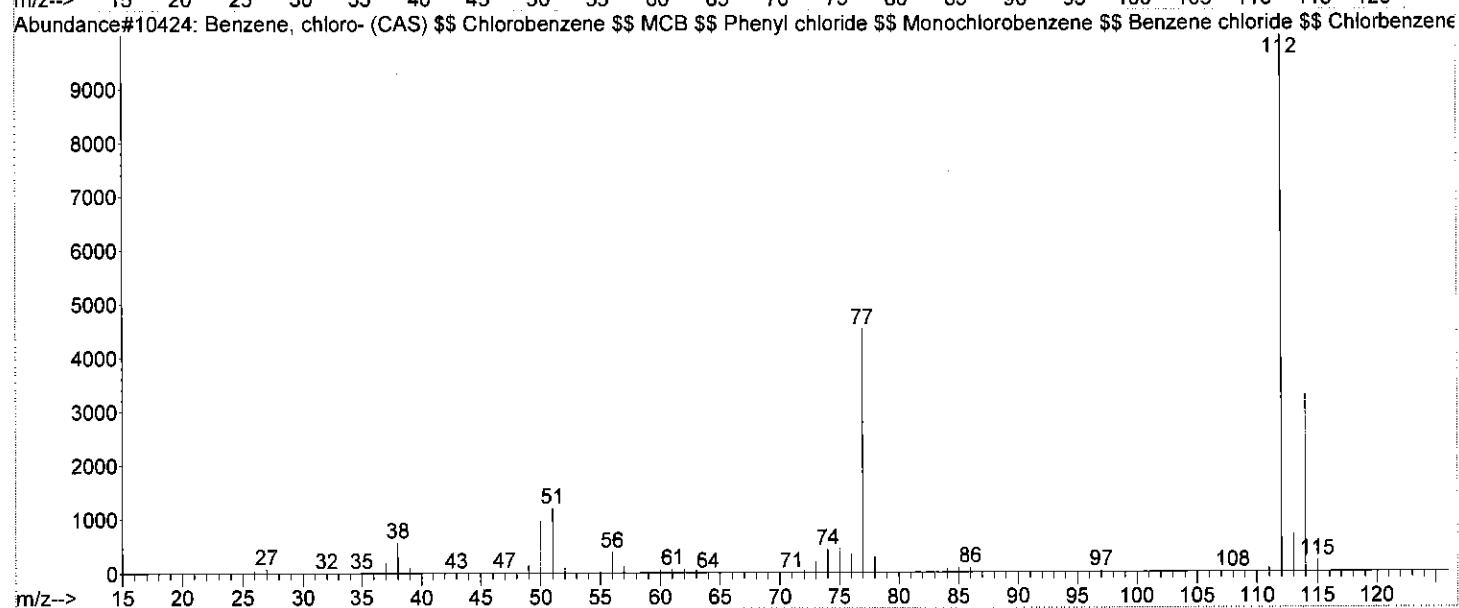
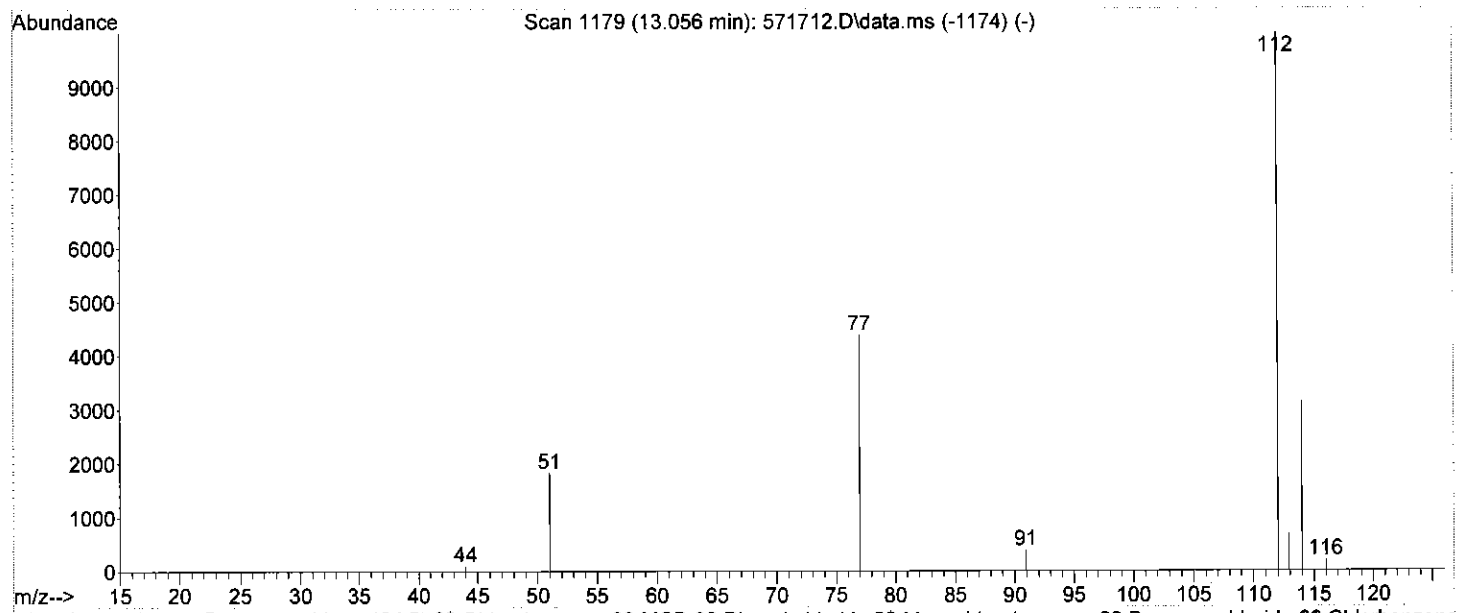
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 90

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571713.D
 Acq On : 30 Jan 2018 2:14 pm
 Operator : KMOR
 Sample : MW-1/2798588
 Misc : RUN195717
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 09:25:40 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

Qlast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	205941	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	325937	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	282521	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128385	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	149311	22.80	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 114.00%	
39) STOLUENE-D8	10.345	98	396635	20.66	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 103.30%	
59) S4BRFLUOROBENZENE	15.269	95	142564	18.64	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.20%	

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	472	N.D.		
6) CHLOROETHANE	3.493	64	715	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	5843	5.65	µg/L #	32
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	258	N.D.		
12) CARBON DISULFIDE	4.549	76	468	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.087	84	673	N.D.		
15) TRANS12DICLETHENE	5.168	96	453	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.188	43	64	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	2779	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	894	N.D.		
25) TETRAHYDROFURAN	7.016	42	141	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	537	N.D.		
30) BENZENE	7.584	78	550	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	136	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571713.D
 Acq On : 30 Jan 2018 2:14 pm
 Operator : KMOR
 Sample : MW-1/2798588
 Misc : RUN195717
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 31 09:25:40 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	64130	8.17	µg/L	91
50) 1-CHLOROHEXANE	13.025	91	560	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	621	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	810	N.D.		
63) N-PROPYLBENZENE	15.269	91	549	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
Data File : 571713.D
Acq On : 30 Jan 2018 2:14 pm
Operator : KMOR
Sample : MW-1/2798588
Misc : RUN195717
ALS Vial : 14 Sample Multiplier: 1

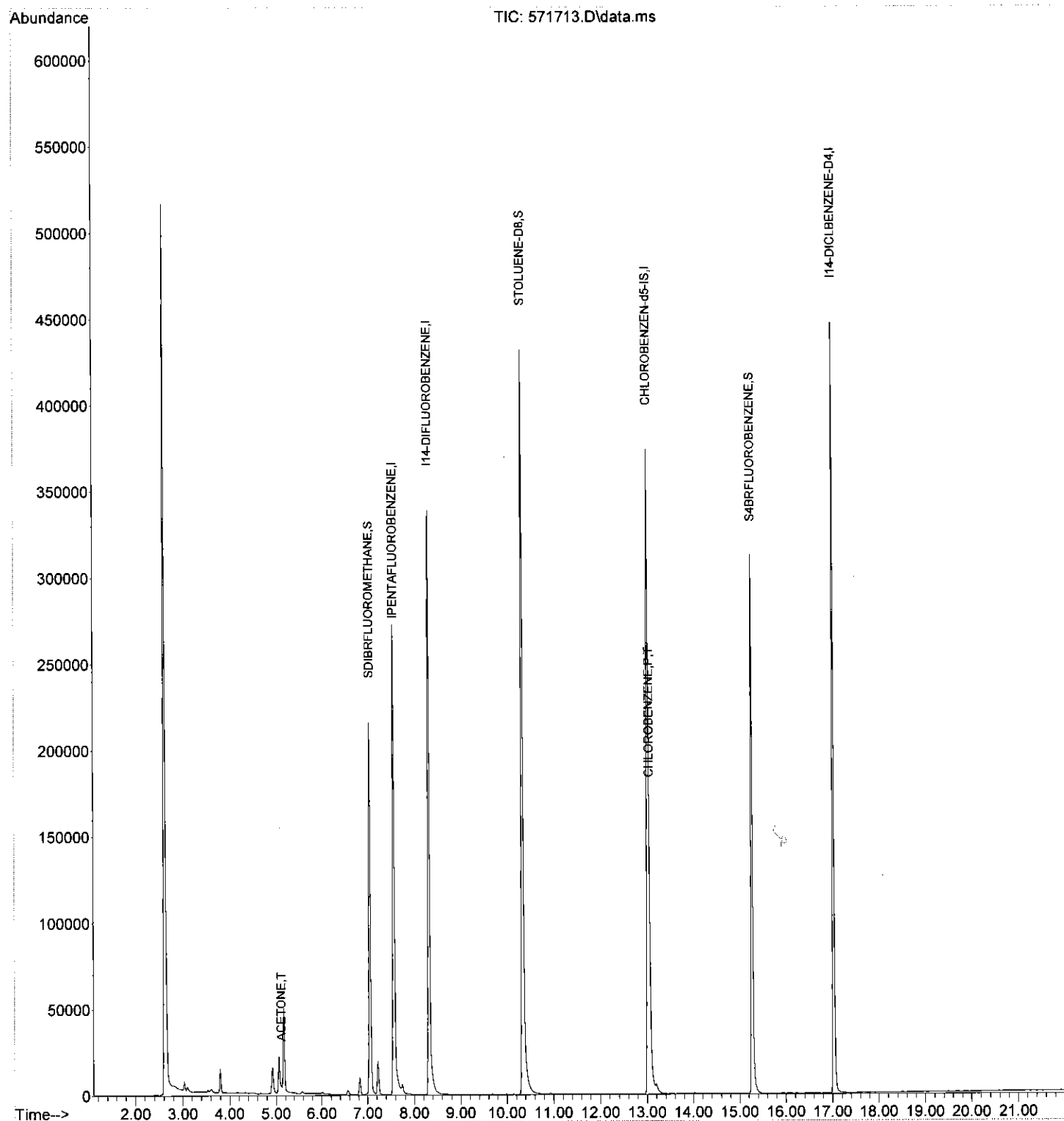
Quant Time: Jan 31 09:25:40 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

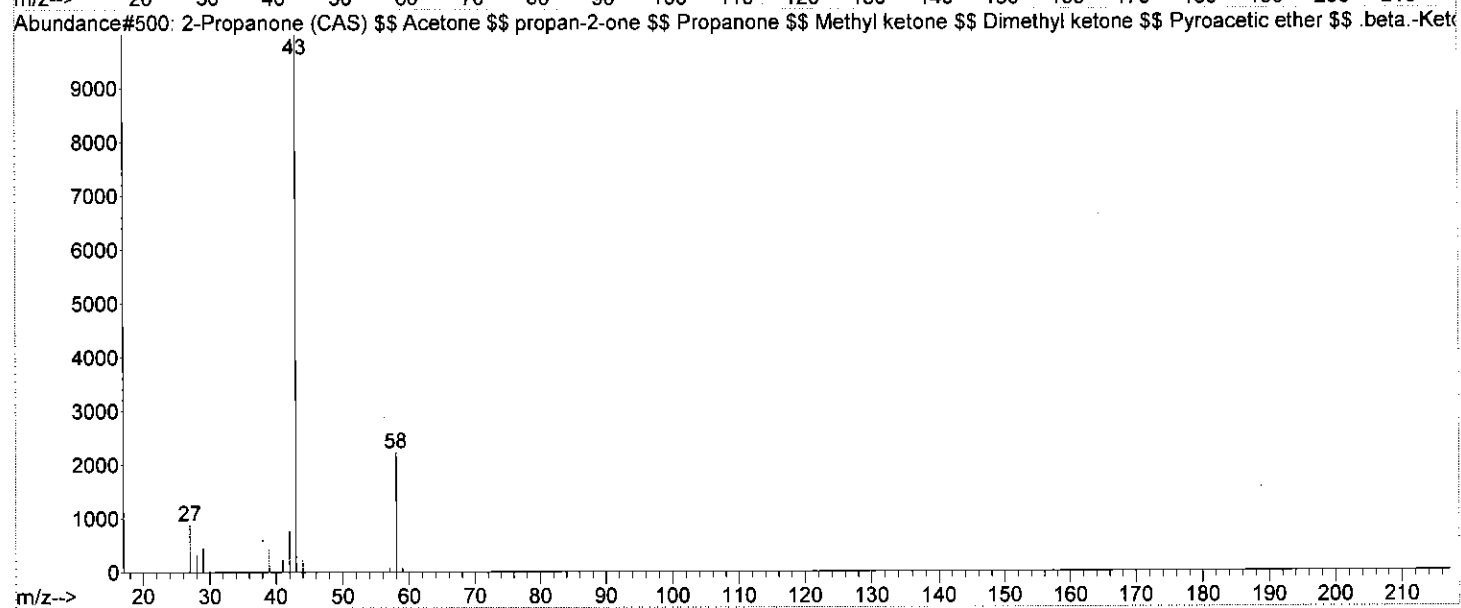
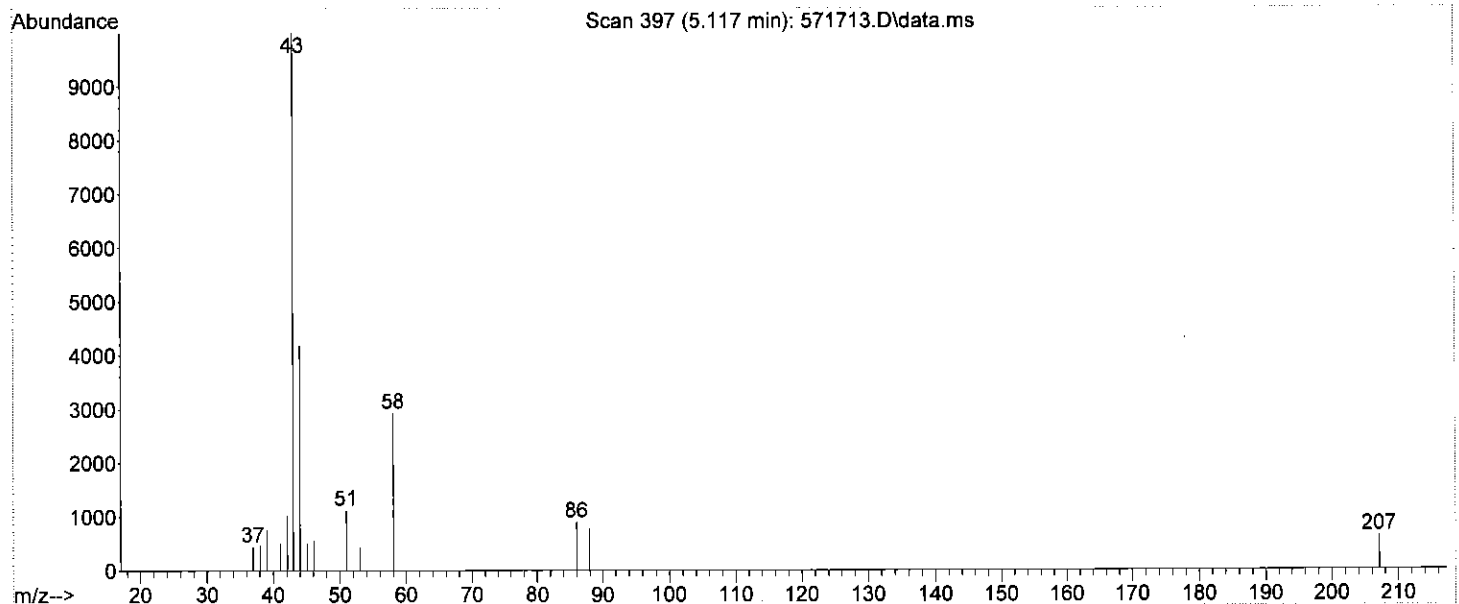
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

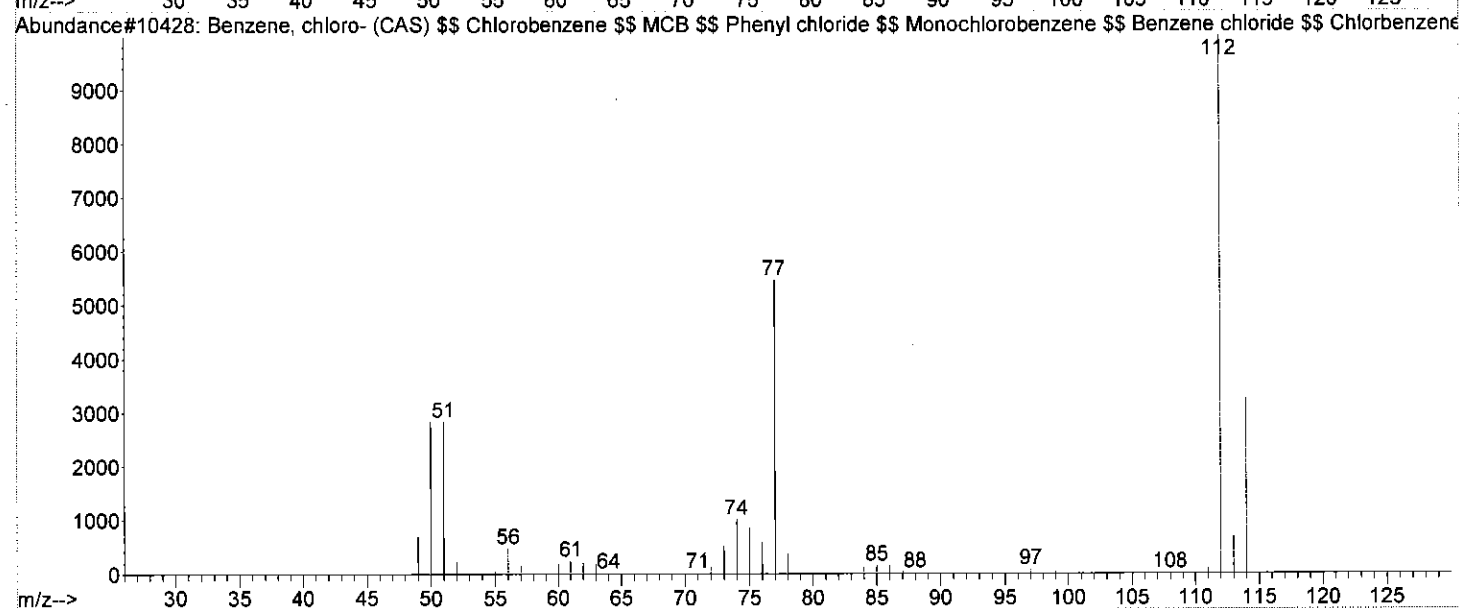
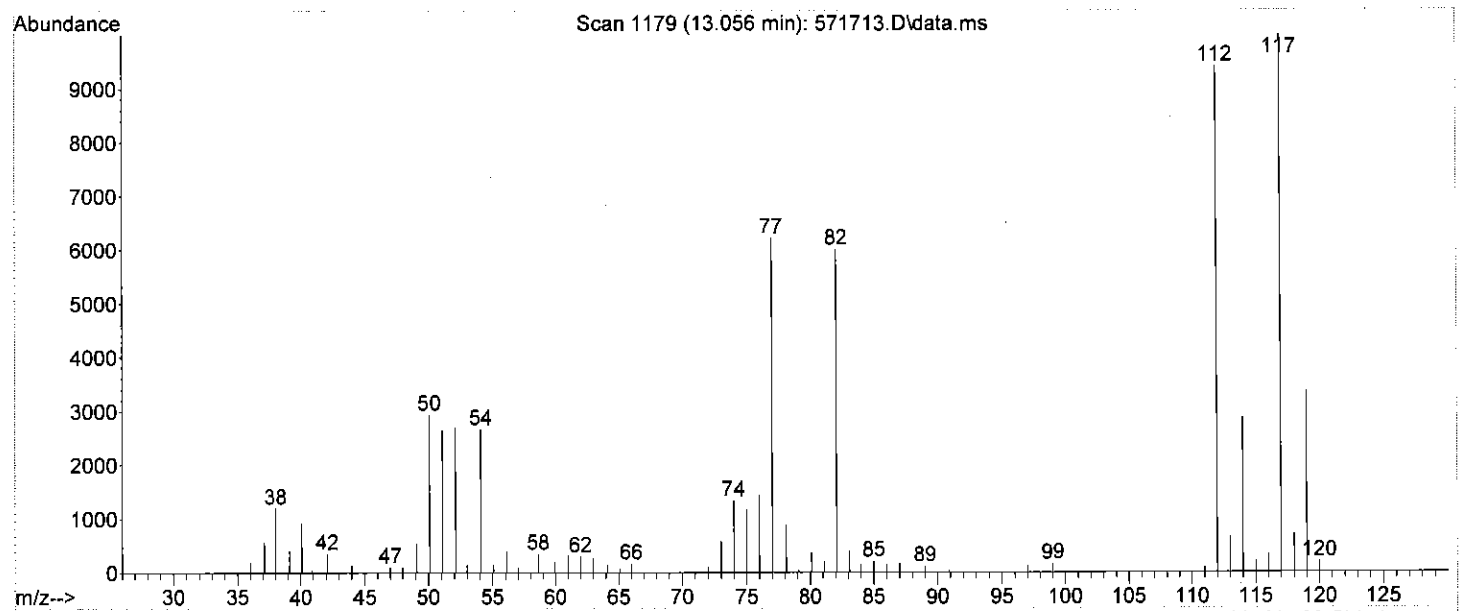
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 86

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571714.D
 Acq On : 30 Jan 2018 2:40 pm
 Operator : KMOR
 Sample : 2798588DUP/2800041
 Misc : RUN195717
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 31 09:53:30 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	211263	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	338881	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	279268	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	126307	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	151340	22.23	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.15%
39) STOLUENE-D8	10.345	98	406586	20.37	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.85%
59) S4BRFLUOROBENZENE	15.269	95	140969	18.64	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	316	N.D.		
6) CHLOROETHANE	0.000		0	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACRROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	5310	5.01	µg/L #	91
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	234	N.D.		
12) CARBON DISULFIDE	4.549	76	457	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.077	84	504	N.D.		
15) TRANS12DICLETHENE	5.178	96	693	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.163	43	125	N.D.		
18) 2-BUTANONE	7.188	43	149	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.884		0	N.D.		
22) BROMOCHLOROMETHANE	6.833	49	909	N.D.		
25) TETRAHYDROFURAN	7.005	42	148	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	578	N.D.		
30) BENZENE	7.584	78	562	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	136	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571714.D
 Acq On : 30 Jan 2018 2:40 pm
 Operator : KMOR
 Sample : 2798588DUP/2800041
 Misc : RUN195717
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 31 09:53:30 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

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Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	65926	8.50	µg/L	90
50) 1-CHLOROHEXANE	13.025	91	611	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	611	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.279	77	486	N.D.		
63) N-PROPYLBENZENE	15.269	91	528	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571714.D
Acq On : 30 Jan 2018 2:40 pm
Operator : KMOR
Sample : 2798588DUP/2800041
Misc : RUN195717
ALS Vial : 15 Sample Multiplier: 1

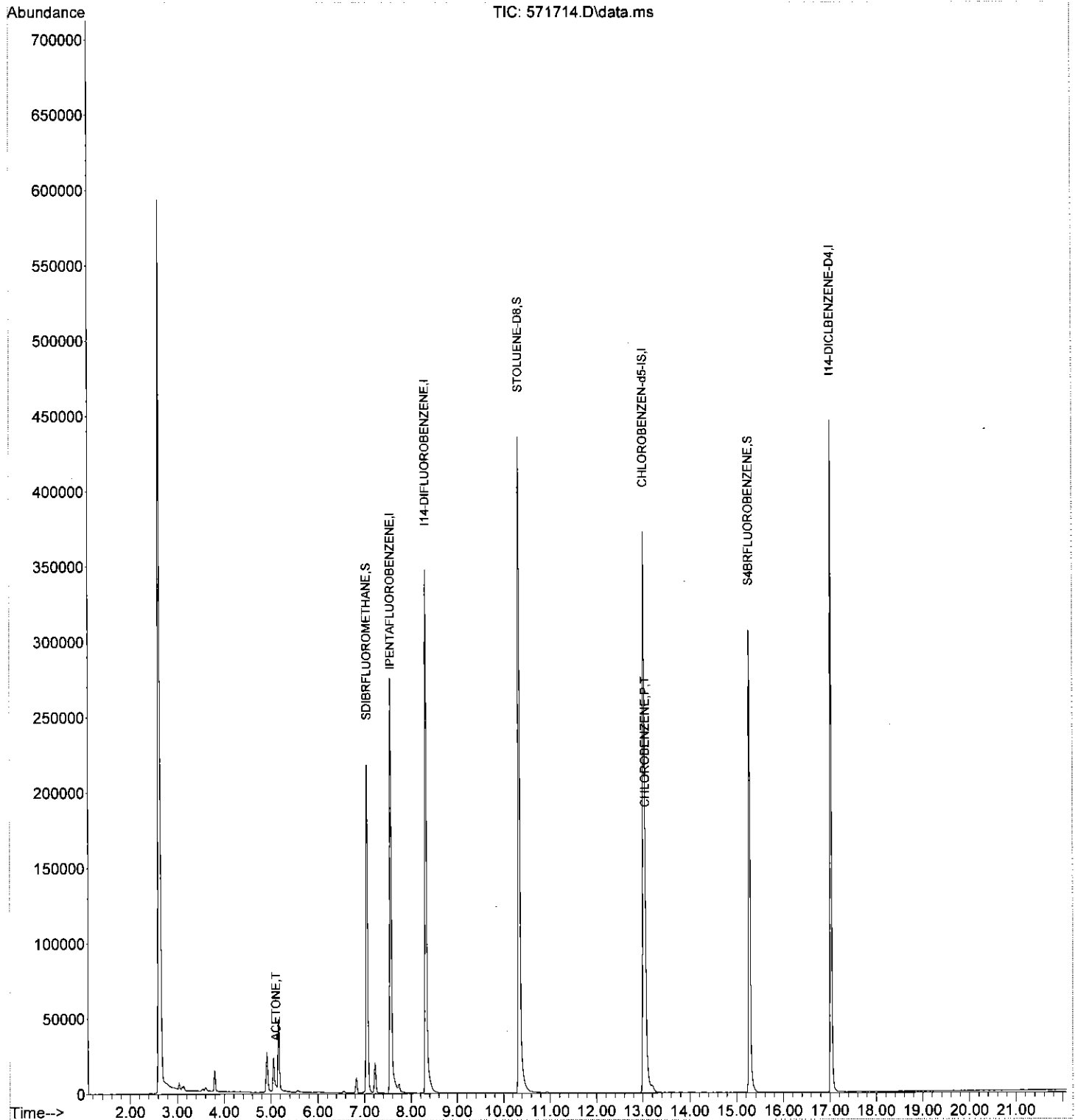
Quant Time: Jan 31 09:53:30 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

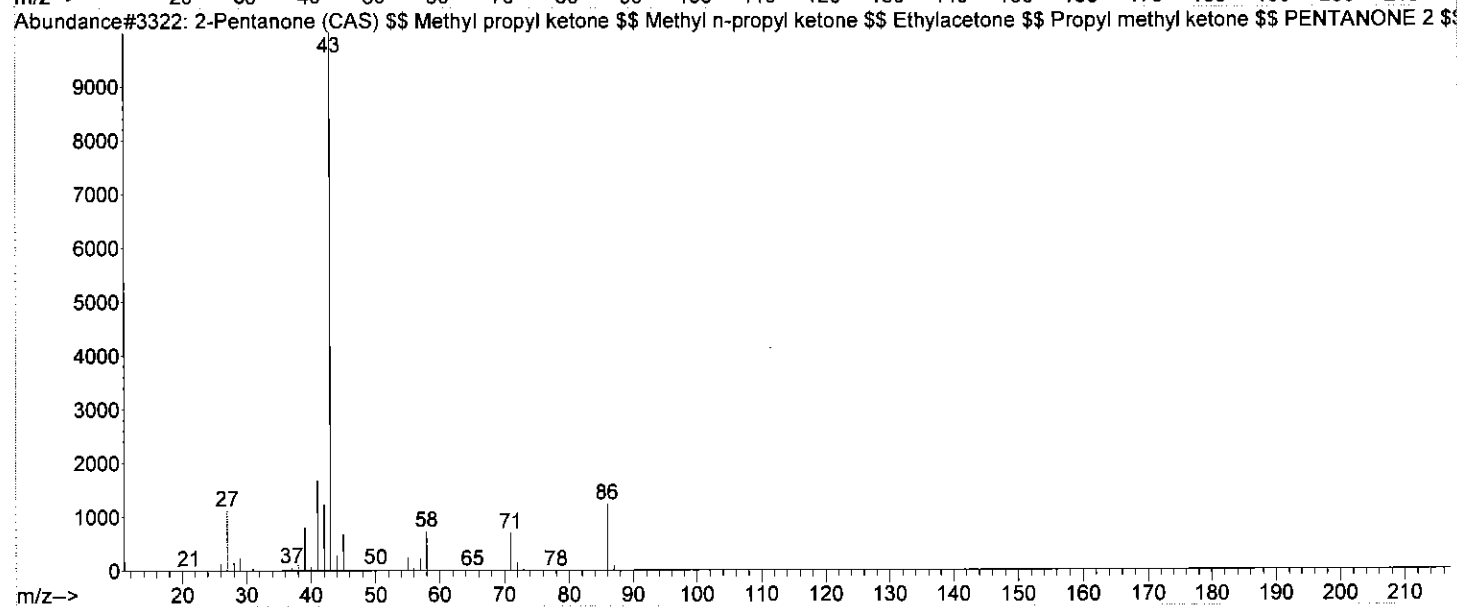
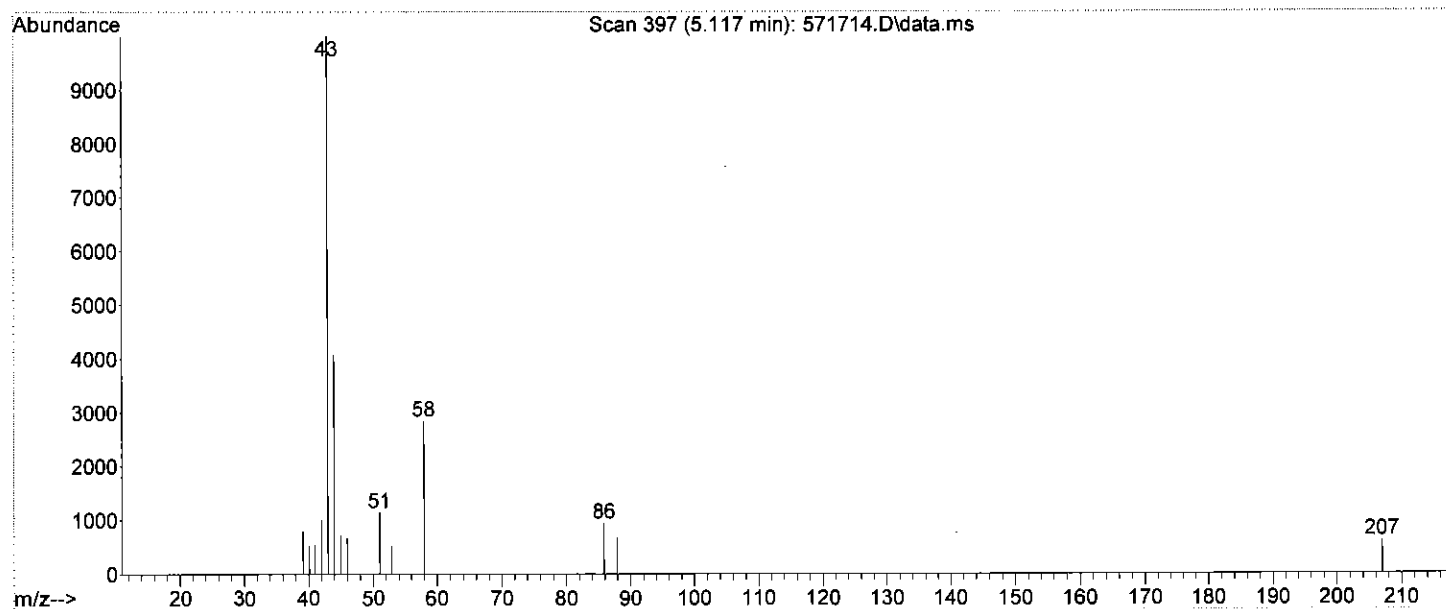
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 12

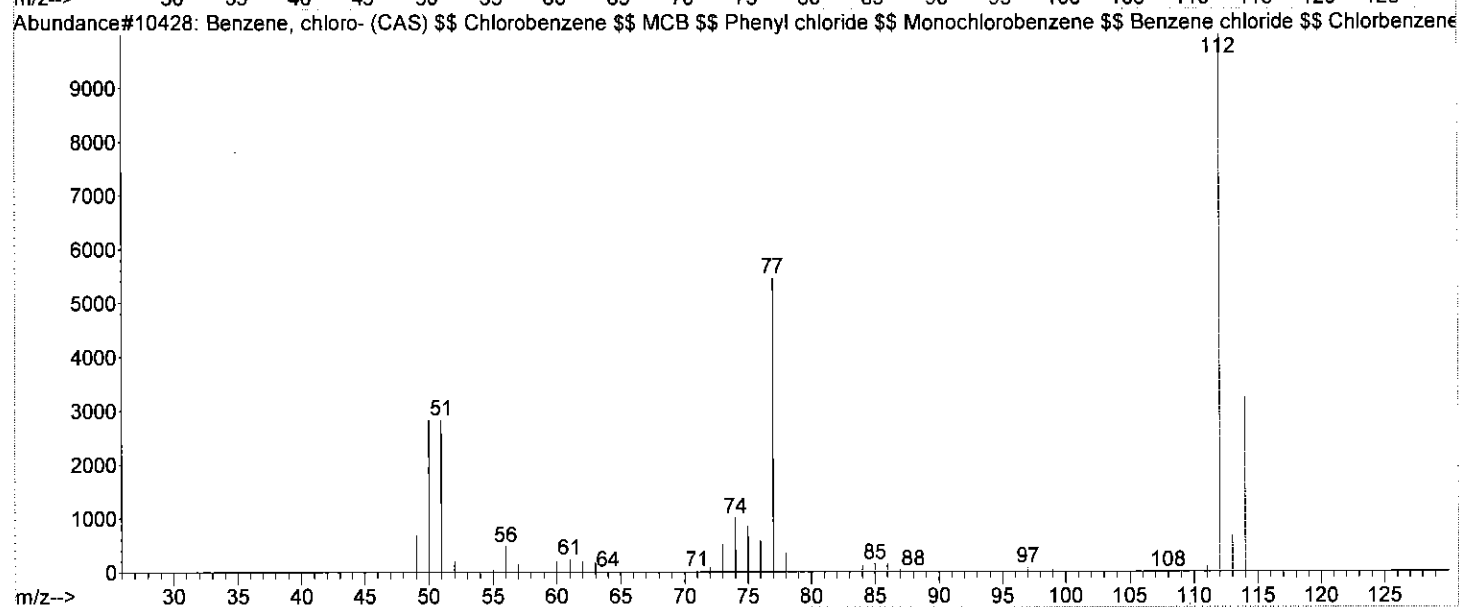
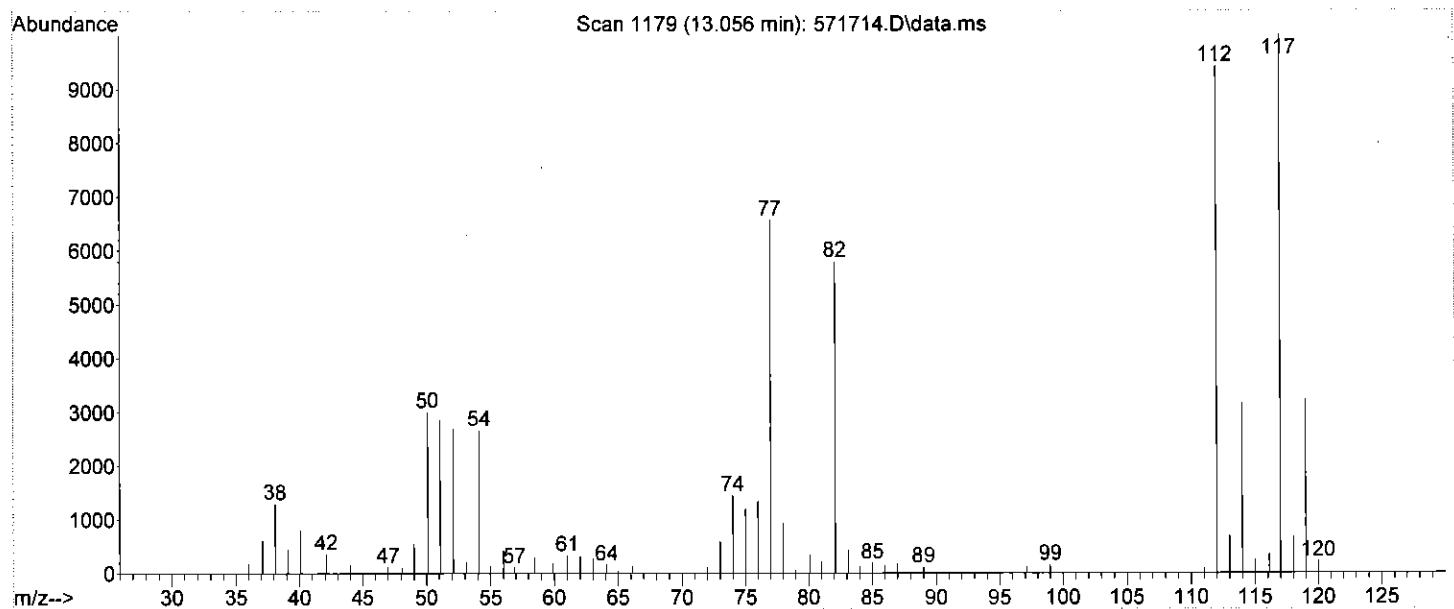
ID : 2-Pentanone (CAS) \$\$ Methyl propyl ketone \$\$ Methyl n-propyl ketone \$\$ Ethylacetone \$\$ Propyl methyl ketone \$\$ PENTANONE 2 \$\$ Ethyl acetone \$\$ n-C₃H₇COCH₃ \$
\$ Pentan-2-one \$\$ Metylopropyloketon \$\$ MPK \$\$ UN 1249 \$\$ 4-Methyl-2-butanone



Library Searched : C:\Database\WILEY275.L

Quality : 86

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc

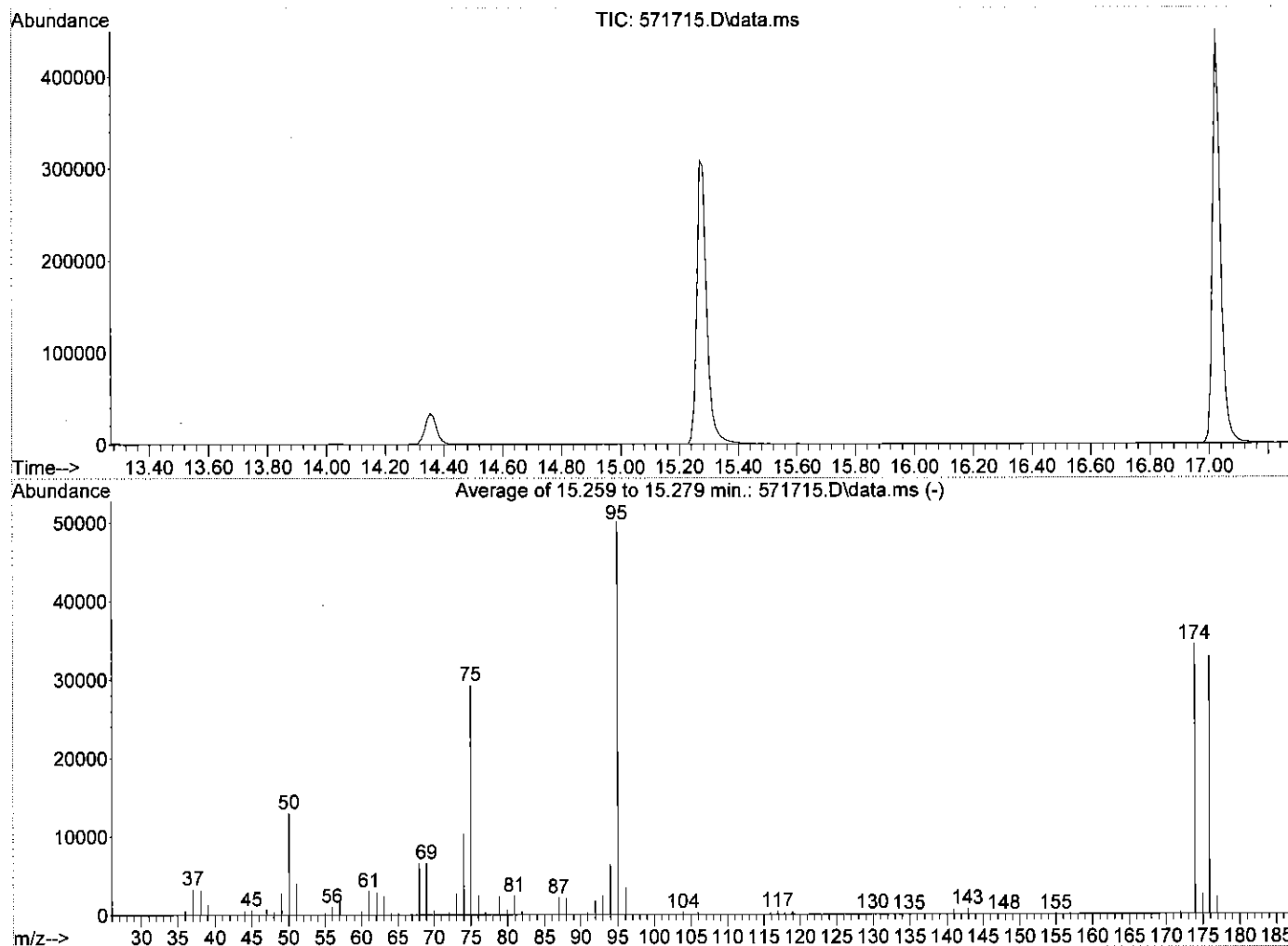


Method VOC

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571715.D
Acq On : 30 Jan 2018 3:07 pm
Operator : KMOR
Sample : BFB
Misc : RUN195717
ALS Vial : 16 Sample Multiplier: 1

Integration File: VOC.P

Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M
Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
Last Update : Thu Jan 25 13:53:13 2018



AutoFind: Scans 1396, 1397, 1398; Background Corrected with Scan 1390

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	25.9	13017	PASS
75	95	30	60	58.3	29272	PASS
95	95	100	100	100.0	50219	PASS
96	95	5	9	6.9	3453	PASS
173	174	0.00	2	0.5	180	PASS
174	95	50	150	68.5	34408	PASS
175	174	5	9	7.2	2493	PASS
176	174	95	101	95.6	32900	PASS
177	176	5	9	6.6	2169	PASS

Average of 15.259 to 15.279 min.: 571715.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	627	51.05	3964	65.05	284	77.95	215
37.05	3273	52.05	173	66.95	120	78.90	2365
38.10	3156	55.00	184	68.00	6545	79.95	633
39.05	1322	56.00	1058	69.00	6609	80.90	2420
40.05	135	57.05	1741	70.05	548	81.95	502
44.00	440	58.00	36	72.00	311	86.95	2207
45.00	638	60.00	544	73.00	2671	88.00	2054
47.05	811	61.00	3005	74.00	10292	90.95	249
48.00	377	62.05	2907	75.00	29272	92.00	1761
49.05	2728	63.05	2410	76.05	2475	93.00	2467
50.05	13017	64.05	262	76.95	378	94.00	6390

Average of 15.259 to 15.279 min.: 571715.D\data.ms

BFB

Modified:subtracted

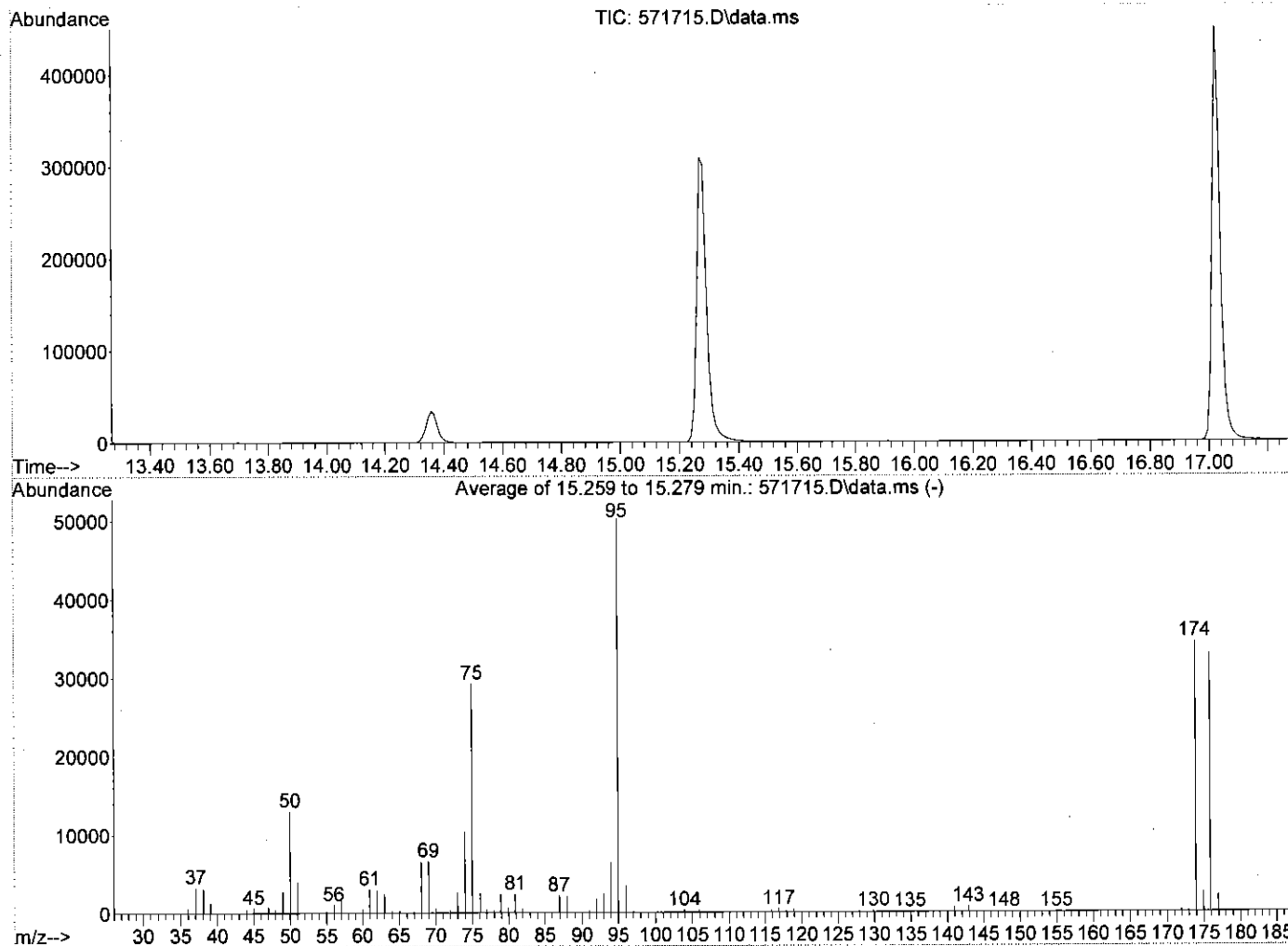
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	50219	127.95	176	156.90	75		
96.05	3453	128.90	45	171.90	260		
97.05	127	129.90	222	172.90	180		
103.95	318	130.85	82	173.90	34408		
105.00	45	134.90	108	174.95	2493		
105.90	279	136.90	107	175.90	32900		
112.80	38	140.95	659	176.95	2169		
115.90	216	142.90	730				
116.90	452	145.90	39				
117.90	234	147.85	95				
118.95	354	155.00	110				

Method VOC

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
Data File : 571715.D
Acq On : 30 Jan 2018 3:07 pm
Operator : KMOR
Sample : BFB/Bromoform
Misc : RUN195721
ALS Vial : 16 Sample Multiplier: 1

Integration File: VOC.P

Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M
Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
Last Update : Thu Jan 25 13:53:13 2018



AutoFind: Scans 1396, 1397, 1398; Background Corrected with Scan 1390

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	25.9	13017	PASS
75	95	30	60	58.3	29272	PASS
95	95	100	100	100.0	50219	PASS
96	95	5	9	6.9	3453	PASS
173	174	0.00	2	0.5	180	PASS
174	95	50	150	68.5	34408	PASS
175	174	5	9	7.2	2493	PASS
176	174	95	101	95.6	32900	PASS
177	176	5	9	6.6	2169	PASS

Average of 15.259 to 15.279 min.: 571715.D\data.ms

BFB/Bromoform

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	627	51.05	3964	65.05	284	77.95	215
37.05	3273	52.05	173	66.95	120	78.90	2365
38.10	3156	55.00	184	68.00	6545	79.95	633
39.05	1322	56.00	1058	69.00	6609	80.90	2420
40.05	135	57.05	1741	70.05	548	81.95	502
44.00	440	58.00	36	72.00	311	86.95	2207
45.00	638	60.00	544	73.00	2671	88.00	2054
47.05	811	61.00	3005	74.00	10292	90.95	249
48.00	377	62.05	2907	75.00	29272	92.00	1761
49.05	2728	63.05	2410	76.05	2475	93.00	2467
50.05	13017	64.05	262	76.95	378	94.00	6390

Average of 15.259 to 15.279 min.: 571715.D\data.ms

BFB/Bromoform

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	50219	127.95	176	156.90	75		
96.05	3453	128.90	45	171.90	260		
97.05	127	129.90	222	172.90	180		
103.95	318	130.85	82	173.90	34408		
105.00	45	134.90	108	174.95	2493		
105.90	279	136.90	107	175.90	32900		
112.80	38	140.95	659	176.95	2169		
115.90	216	142.90	730				
116.90	452	145.90	39				
117.90	234	147.85	95				
118.95	354	155.00	110				

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571715.D
 Acq On : 30 Jan 2018 3:07 pm
 Operator : KMOR
 Sample : BFB/Bromoform
 Misc : RUN195721
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 31 09:58:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	206689	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	329175	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	274899	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	126405	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	149368	22.59	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 112.95%	
39) STOLUENE-D8	10.345	98	387622	19.99	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.95%	
59) S4BRFLUOROBENZENE	15.269	95	139486	18.74	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.70%	

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	309	N.D.		
6) CHLOROETHANE	0.000		0	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	141	N.D.		
12) CARBON DISULFIDE	4.549	76	480	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.178	96	239	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.219	43	64	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.823	83	1087	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	759	N.D.		
25) TETRAHYDROFURAN	7.016	42	72	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	563	N.D.		
30) BENZENE	7.574	78	207	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.437	91	132	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571715.D
 Acq On : 30 Jan 2018 3:07 pm
 Operator : KMOR
 Sample : BFB/Bromoform
 Misc : RUN195721
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 31 09:58:09 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

Qlast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	247	N.D.		
50) 1-CHLOROHEXANE	13.025	91	542	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	753	N.D.		
53) MP-XYLENE	13.330	91	65	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	14.355	173	22982	8.42	µg/L	97
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.279	77	620	N.D.		
63) N-PROPYLBENZENE	15.472	91	68	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
Data File : 571715.D
Acq On : 30 Jan 2018 3:07 pm
Operator : KMOR
Sample : BFB/Bromoform
Misc : RUN195721
ALS Vial : 16 Sample Multiplier: 1

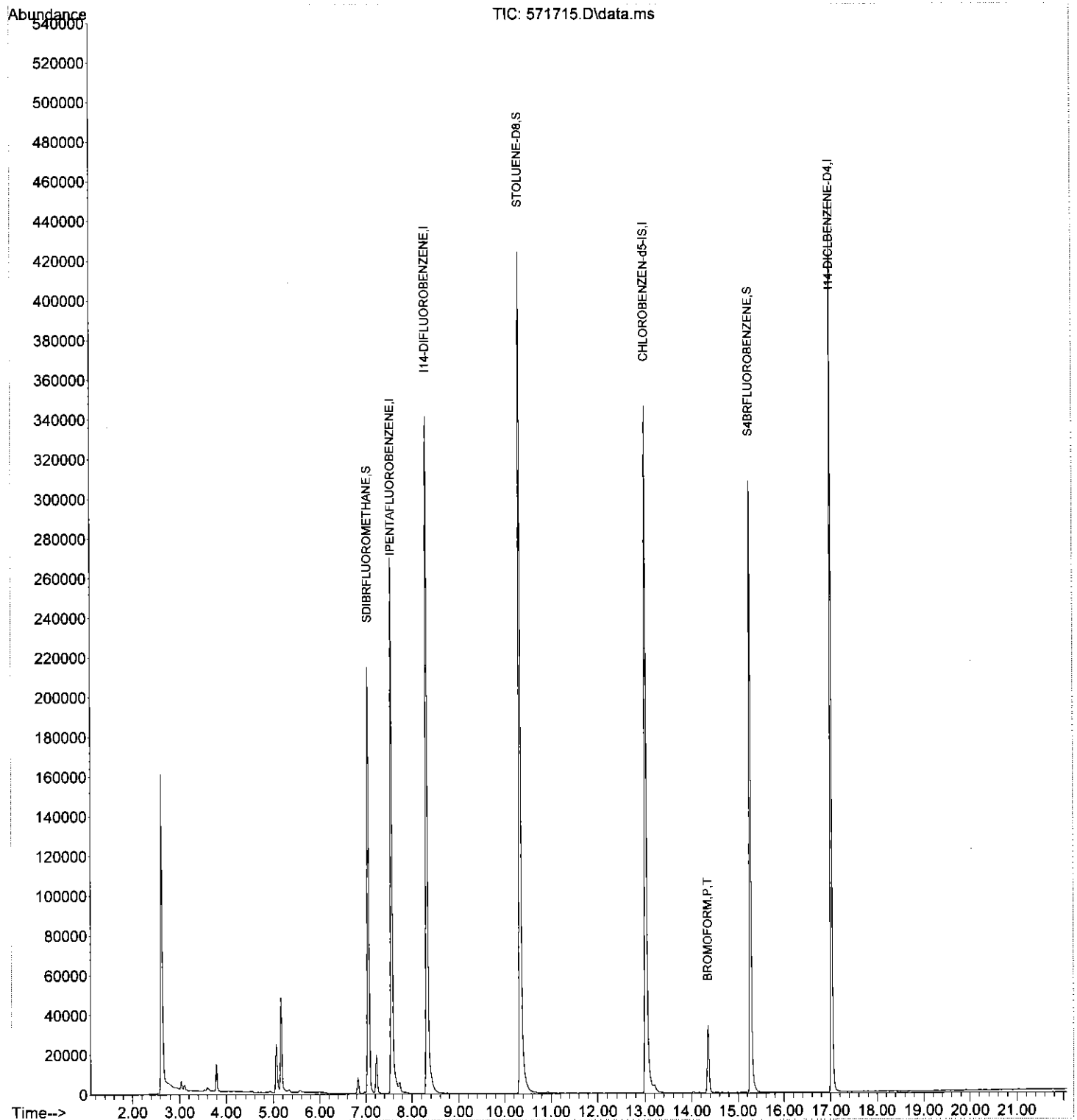
Quant Time: Jan 31 09:58:09 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

Qlast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571716.D
 Acq On : 30 Jan 2018 3:36 pm
 Operator : KMOR
 Sample : CCV/2800039
 Misc : RUN195717
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 10:25:47 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	IPENTAFLUOROBENZENE	20.000	20.000	0.0	69	-0.08
2 M	DICLDIFLUOROMETHANE	20.000	23.442	-17.2	74	-0.03
3 P,T	CHLOROMETHANE	20.000	22.998	-15.0	57	-0.03
4 C,T	VINYL CHLORIDE	20.000	22.720	-13.6	71	-0.05
5 T	BROMOMETHANE	20.000	16.507	17.5	44	-0.04
6 T	CHLOROETHANE	20.000	21.331	-6.7	75	-0.03
7 T	TRICLFLUOROMETHANE	20.000	23.934	-19.7	74	0.00
8 T	ACROLEIN	500.000	550.046	-10.0	72	-0.06
9 T	ACETONE	100.000	107.861	-7.9	76	-0.06
10 C,T	11-DICHLOROETHENE	20.000	22.973	-14.9	74	-0.04
11 T	IODOMETHANE	100.000	80.545	19.5	78	-0.05
12 T	CARBON DISULFIDE	100.000	117.752	-17.8	74	-0.05
13 T	ACRYLONITRILE	100.000	91.174	8.8	60	-0.07
14 T	DICHLOROMETHANE	20.000	21.890	-9.5	55	-0.06
15 T	TRANS12DICLETHENE	20.000	21.335	-6.7	69	-0.05
16 P,T	11-DICHLOROETHANE	20.000	21.644	-8.2	71	-0.06
17	VINYL ACETATE	100.000	88.505	11.5	59	-0.07
18	2-BUTANONE	100.000	90.495	9.5	59	-0.07
19 T	CIS12DICHLOROETHENE	20.000	17.933	10.3	59	-0.07
20 T	22-DICHLOROPROPANE	20.000	18.190	9.0	59	-0.07
21 C,T	CHLOROFORM	20.000	21.929	-9.6	70	-0.07
22 T	BROMOCHLOROMETHANE	20.000	20.576	-2.9	69	-0.07
23 I	I14-DIFLUOROBENZENE	20.000	20.000	0.0	63	-0.07
24 S	SDIBRFLUOROMETHANE	20.000	23.053	-15.3	71	-0.07
25 T	TETRAHYDROFURAN	20.000	18.916	5.4	55	-0.07
26 T	111-TRICHLOROETHANE	20.000	22.747	-13.7	67	-0.07
27 T	11-DICHLOROPROPENE	20.000	20.790	-3.9	62	-0.08
28 T	12-DICHLOROETHANE	20.000	23.464	-17.3	70	-0.07
29 T	CARBONTETRACHLORIDE	20.000	23.591	-18.0	69	-0.08
30 T	BENZENE	20.000	20.509	-2.5	61	-0.08
31 T	TRICHLOROETHENE	20.000	19.653	1.7	59	-0.08
32 C,T	12-DICHLOROPROPANE	20.000	19.524	2.4	59	-0.09
33 T	DIBROMOMETHANE	20.000	17.752	11.2	55	-0.08
34 T	BROMODICLMETHANE	20.000	22.005	-10.0	66	-0.09
35 T	2-CLETHYLVINYLETHER	100.000	91.934	8.1	57	-0.09
36 T	EPICHLOROHYDRIN	500.000	516.606	-3.3	62	-0.09
37 T	4METHYL-2-PENTANONE	100.000	98.257	1.7	58	-0.10
38 T	CIS13DICLPROPENE	20.000	17.570	12.1	53	-0.09
39 S	STOLUENE-D8	20.000	20.658	-3.3	65	-0.09
40 C,T	TOLUENE	20.000	18.660	6.7	56	-0.09
41 T	TRANS13DICLPROPENE	20.000	16.321	18.4	56	-0.09
42 T	112-TRICHLOROETHANE	20.000	19.785	1.1	61	-0.09
43	2-HEXANONE	100.000	86.288	13.7	51	-0.10
44 T	13-DICHLOROPROPANE	20.000	19.834	0.8	61	-0.09
45 T	DIBRCHLOROMETHANE	20.000	17.596	12.0	63	-0.09
46 T	TETRACHLOROETHENE	20.000	19.465	2.7	60	-0.09
47 T	12-DIBROMOETHANE	20.000	18.107	9.5	56	-0.09
48 I	CHLOROBENZEN-d5-IS	20.000	20.000	0.0	64	-0.10
49 P,T	CHLOROBENZENE	20.000	19.588	2.1	62	-0.10

Evaluate Continuing Calibration Report

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571716.D
 Acq On : 30 Jan 2018 3:36 pm
 Operator : KMOR
 Sample : CCV/2800039
 Misc : RUN195717
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 10:25:47 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	1-CHLOROHEXANE	20.000	16.859	15.7	53	-0.13
51 T	1112-TETRACLETHANE	20.000	20.819	-4.1	64	-0.11
52 C,T	ETHYLBENZENE	20.000	20.467	-2.3	61	-0.10
53 T	MP-XYLENE	40.000	39.858	0.4	61	-0.10
54 T	STYRENE	20.000	19.009	5.0	58	-0.09
55 T	O-XYLENE	20.000	19.234	3.8	58	-0.10
56 P,T	BROMOFORM	20.000	16.550	17.2	65	-0.10
57 P,T	1122-TETRACLETHANE	20.000	20.202	-1.0	62	-0.08
58 T	ISOPROPYL BENZENE	20.000	19.817	0.9	59	-0.09
59 S	S4BRFLUOROBENZENE	20.000	21.436	-7.2	67	-0.09
60 T	123-TRICLPROPANE	20.000	19.569	2.2	60	-0.08
61 T	TRANS14DICL2BUTENE	100.000	86.371	13.6	55	-0.08
62 T	BROMOBENZENE	20.000	20.670	-3.4	64	-0.08
63 T	N-PROPYLBENZENE	20.000	20.530	-2.7	62	-0.08
64 T	2-CHLOROTOLUENE	20.000	19.934	0.3	61	-0.08
65 T	4-CHLOROTOLUENE	20.000	19.799	1.0	62	-0.09
66 T	135TRIMETHYLBENZENE	20.000	20.340	-1.7	62	-0.09
67 T	TERT-BUTYLBENZENE	20.000	20.181	-0.9	61	-0.08
68 T	124TRIMETHYLBENZENE	20.000	19.635	1.8	59	-0.08
69 T	SEC-BUTYLBENZENE	20.000	20.703	-3.5	62	-0.07
70 T	13-DICHLOROBENZENE	20.000	18.219	8.9	57	-0.07
71 I	I14-DICLBENZENE-D4	20.000	20.000	0.0	68	-0.09
72 T	4-ISOPROPYLTOLUENE	20.000	18.836	5.8	60	-0.07
73 T	14-DICHLOROBENZENE	20.000	19.017	4.9	62	-0.08
74 T	12-DICHLOROBENZENE	20.000	18.373	8.1	61	-0.07
75 T	N-BUTYLBENZENE	20.000	19.234	3.8	61	-0.08
76 T	12-DIBR-3CLPROPANE	20.000	19.821	0.9	72	-0.08
77	124-TRICLBENZENE	20.000	16.895	15.5	56	-0.08
78 T	NAPHTHALENE	20.000	19.663	1.7	64	-0.08
79 T	HEXACHLOROBUTADIENE	20.000	18.236	8.8	57	-0.08
80	123-TRICLBENZENE	20.000	16.907	15.5	56	-0.09

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571716.D
 Acq On : 30 Jan 2018 3:36 pm
 Operator : KMOR
 Sample : CCV/2800039
 Misc : RUN195717
 ALS Vial : 17 Sample Multiplier: 1

① Over integration of peak by computer data system. DR 01/31/18.
② Over-integration of peak due

Quant Time: Jan 31 10:25:47 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

using baseline DR 01/31/18.

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	245934m	20.00	µg/L	-0.08
23) I14-DIFLUOROBENZENE	8.325	114	343311	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	305181m	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	177667	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	158992	23.05	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	115.25%
39) STOLUENE-D8	10.345	98	417682	20.66	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	103.30%
59) S4BRFLUOROBENZENE	15.269	95	177127	21.44	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	2.833	85	74913	23.44	µg/L	100
3) CHLOROMETHANE	3.097	50	90019m	23.00	µg/L	
4) VINYL CHLORIDE	3.198	62	75757m	22.72	µg/L	
5) BROMOMETHANE	3.594	94	41754m	16.51	µg/L	
6) CHLOROETHANE	3.736	64	38940m	21.33	µg/L	
7) TRICLFLUOROMETHANE	3.899	101	133537m	23.93	µg/L	
8) ACROLEIN	4.813	56	37902	550.05	µg/L	99
9) ACETONE	5.117	43	133136	107.86	µg/L	# 98
10) 11-DICHLOROETHENE	4.467	61	61531	22.97	µg/L	93
11) IODOMETHANE	4.650	142	322558	80.55	µg/L	100
12) CARBON DISULFIDE	4.549	76	852525	117.75	µg/L	# 99
13) ACRYLONITRILE	5.970	53	166987	91.17	µg/L	99
14) DICHLOROMETHANE	5.077	84	54858m	21.89	µg/L	
15) TRANS12DICLETHENE	5.259	96	60504	21.33	µg/L	99
16) 11-DICHLOROETHANE	5.929	63	125738	21.64	µg/L	100
17) VINYL ACETATE	6.132	43	811352	88.50	µg/L	# 95
18) 2-BUTANONE	7.188	43	235870	90.49	µg/L	# 92
19) CIS12DICHLOROETHENE	6.538	96	60704	17.93	µg/L	# 79
20) 22-DICHLOROPROPANE	6.670	77	77104m	18.19	µg/L	
21) CHLOROFORM	6.823	83	150189	21.93	µg/L	# 100
22) BROMOCHLOROMETHANE	6.782	49	80697	20.58	µg/L	# 70
25) TETRAHYDROFURAN	7.066	42	79139	18.92	µg/L	89
26) 111-TRICHLOROETHANE	7.127	97	118682	22.75	µg/L	97
27) 11-DICHLOROPROPENE	7.259	75	79094	20.79	µg/L	# 85
28) 12-DICHLOROETHANE	7.828	62	123830	23.46	µg/L	# 98
29) CARBONTETRACHLORIDE	7.046	117	101818	23.59	µg/L	99
30) BENZENE	7.574	78	232016	20.51	µg/L	# 95
31) TRICHLOROETHENE	8.325	132	57462	19.65	µg/L	# 88
32) 12-DICHLOROPROPANE	9.046	63	65652	19.52	µg/L	# 94
33) DIBROMOMETHANE	8.924	174	40174	17.75	µg/L	# 78
34) BROMODICLMETHANE	9.107	83	98939	22.01	µg/L	99
35) 2-CLETHYLVINYLETHER	9.888	63	185220m	91.93	µg/L	
36) EPICHLOROHYDRIN	10.427	57	201772m	516.61	µg/L	
37) 4METHYL-2-PENTANONE	10.975	43	493439	98.26	µg/L	# 87
38) CIS13DICLPROPENE	10.041	75	82938	17.57	µg/L	86
40) TOLUENE	10.427	91	243741	18.66	µg/L	99
41) TRANS13DICLPROPENE	11.076	75	76522	16.32	µg/L	78
42) 112-TRICHLOROETHANE	11.350	97	63805	19.78	µg/L	# 84
43) 2-HEXANONE	12.416	43	306779	86.29	µg/L	# 89
44) 13-DICHLOROPROPANE	11.838	76	112261	19.83	µg/L	88

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571716.D
 Acq On : 30 Jan 2018 3:36 pm
 Operator : KMOR
 Sample : CCV/2800039
 Misc : RUN195717
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 10:25:47 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	69653	17.60	µg/L	100
46) TETRACHLOROETHENE	11.086	166	58928	19.46	µg/L #	85
47) 12-DIBROMOETHANE	12.132	107	58321	18.11	µg/L	99
49) CHLOROBENZENE	13.056	112	166106	19.59	µg/L	81
50) 1-CHLOROHEXANE	12.954	91	69517	16.86	µg/L #	48
51) 1112-TETRACLETHANE	13.147	131	65073	20.82	µg/L	93
52) ETHYLBENZENE	13.066	91	279608	20.47	µg/L	96
53) MP-XYLENE	13.330	91	453170	39.86	µg/L	91
54) STYRENE	14.274	104	156854	19.01	µg/L	91
55) O-XYLENE	14.173	91	222356	19.23	µg/L	93
56) BROMOFORM	14.355	173	50166m①	16.55	µg/L	
57) 1122-TETRACLETHANE	15.584	83	111231	20.20	µg/L	98
58) ISOPROPYL BENZENE	14.751	105	258514	19.82	µg/L	93
60) 123-TRICLPROPANE	15.817	110	31232	19.57	µg/L	88
61) TRANS14DICL2BUTENE	15.868	53	63593m①	86.37	µg/L	
62) BROMOBENZENE	15.462	77	144605	20.67	µg/L	75
63) N-PROPYLBENZENE	15.472	91	325906	20.53	µg/L	91
64) 2-CHLOROTOLUENE	15.756	91	227758	19.93	µg/L	86
65) 4-CHLOROTOLUENE	16.010	91	199882	19.80	µg/L	88
66) 135TRIMETHYLBENZENE	15.777	105	244687	20.34	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	189927	20.18	µg/L	88
68) 124TRIMETHYLBENZENE	16.396	105	230703	19.64	µg/L	92
69) SEC-BUTYLBENZENE	16.568	105	274631	20.70	µg/L	97
70) 13-DICHLOROBENZENE	16.924	146	113996	18.22	µg/L	94
72) 4-ISOPROPYLTOLUENE	16.771	119	222135	18.84	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	128356	19.02	µg/L #	83
74) 12-DICHLOROBENZENE	17.655	146	126131	18.37	µg/L	93
75) N-BUTYLBENZENE	17.381	91	207169	19.23	µg/L	94
76) 12-DIBR-3CLPROPANE	18.771	157	21667m①	19.82	µg/L	
77) 124-TRICLBENZENE	19.736	180	70863	16.89	µg/L #	92
78) NAPHTHALENE	20.213	128	245686m①	19.66	µg/L	
79) HEXACHLOROBUTADIENE	19.665	225	31248	18.24	µg/L	97
80) 123-TRICLBENZENE	20.497	182	70061	16.91	µg/L	95

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

① Poor integration of peak by computer
 data system. DL 01/31/18.

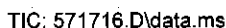
(OT Reviewed)

Quant Time: Jan 31 10:25:47 2018

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571717.D
 Acq On : 30 Jan 2018 4:02 pm
 Operator : KMOR
 Sample : LRB/2800040
 Misc : RUN195717
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 31 10:27:04 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	218126	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	340892	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	282552	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128678	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	152672	22.29	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 111.45%	
39) STOLUENE-D8	10.345	98	398076	19.83	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.15%	
59) S4BRFLUOROBENZENE	15.269	95	142635	18.64	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.20%	

Target Compounds

					Qvalue
2) DICLIDIFLUOROMETHANE	2.843	85	185	N.D.	
3) CHLOROMETHANE	0.000		0	N.D. d	
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.604	94	565	N.D.	
6) CHLOROETHANE	0.000		0	N.D.	
7) TRICLFLUOROMETHANE	3.899	101	235	N.D.	
8) ACROLEIN	0.000		0	N.D. d	
9) ACETONE	0.000		0	N.D. d	
10) 11-DICHLOROETHENE	0.000		0	N.D.	
11) IODOMETHANE	4.660	142	842	N.D.	
12) CARBON DISULFIDE	0.000		0	N.D. d	
13) ACRYLONITRILE	5.970	53	68	N.D.	
14) DICHLOROMETHANE	0.000		0	N.D. d	
15) TRANS12DICLETHENE	5.259	96	155	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	6.142	43	240	N.D.	
18) 2-BUTANONE	7.188	43	325	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	6.833	83	1088	N.D.	
22) BROMOCHLOROMETHANE	6.823	49	744	N.D.	
25) TETRAHYDROFURAN	7.005	42	133	N.D.	
26) 111-TRICHLOROETHANE	0.000		0	N.D.	
27) 11-DICHLOROPROPENE	7.269	75	127	N.D.	
28) 12-DICHLOROETHANE	0.000		0	N.D.	
29) CARBONTETRACHLORIDE	6.975	117	440	N.D.	
30) BENZENE	7.574	78	150	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	0.000		0	N.D.	
33) DIBROMOMETHANE	0.000		0	N.D.	
34) BROMODICLMETHANE	0.000		0	N.D.	
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.	
36) EPICHLOROHYDRIN	0.000		0	N.D. d	
37) 4METHYL-2-PENTANONE	10.985	43	665	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	10.416	91	390	N.D.	
41) TRANS13DICLPROPENE	0.000		0	N.D.	
42) 112-TRICHLOROETHANE	0.000		0	N.D.	
43) 2-HEXANONE	12.426	43	1102	N.D.	
44) 13-DICHLOROPROPANE	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOtero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571717.D
 Acq On : 30 Jan 2018 4:02 pm
 Operator : KMOR
 Sample : LRB/2800040
 Misc : RUN195717
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 31 10:27:04 2018

Quant Method : G:\UsersData\UsersData\KOtero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	11.086	166	65	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	336	N.D.		
50) 1-CHLOROHEXANE	12.964	91	68	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.076	91	1524	N.D.		
53) MP-XYLENE	13.330	91	1143	N.D.		
54) STYRENE	14.284	104	138	N.D.		
55) O-XYLENE	14.173	91	232	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	14.751	105	325	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.462	77	724	N.D.		
63) N-PROPYLBENZENE	15.472	91	1435	N.D.		
64) 2-CHLOROTOLUENE	15.756	91	649	N.D.		
65) 4-CHLOROTOLUENE	16.020	91	993	N.D.		
66) 135TRIMETHYLBENZENE	15.787	105	528	N.D.		
67) TERT-BUTYLBENZENE	16.294	119	344	N.D.		
68) 124TRIMETHYLBENZENE	16.406	105	590	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	885	N.D.		
70) 13-DICHLOROBENZENE	16.924	146	693	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	830	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	1505	N.D.		
74) 12-DICHLOROBENZENE	17.655	146	726	N.D.		
75) N-BUTYLBENZENE	17.381	91	1756	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.746	180	969	N.D.		
78) NAPHTHALENE	20.223	128	2497	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.	d	
80) 123-TRICLBENZENE	20.497	182	995	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571717.D
Acq On : 30 Jan 2018 4:02 pm
Operator : KMOR
Sample : LRB/2800040
Misc : RUN195717
ALS Vial : 18 Sample Multiplier: 1

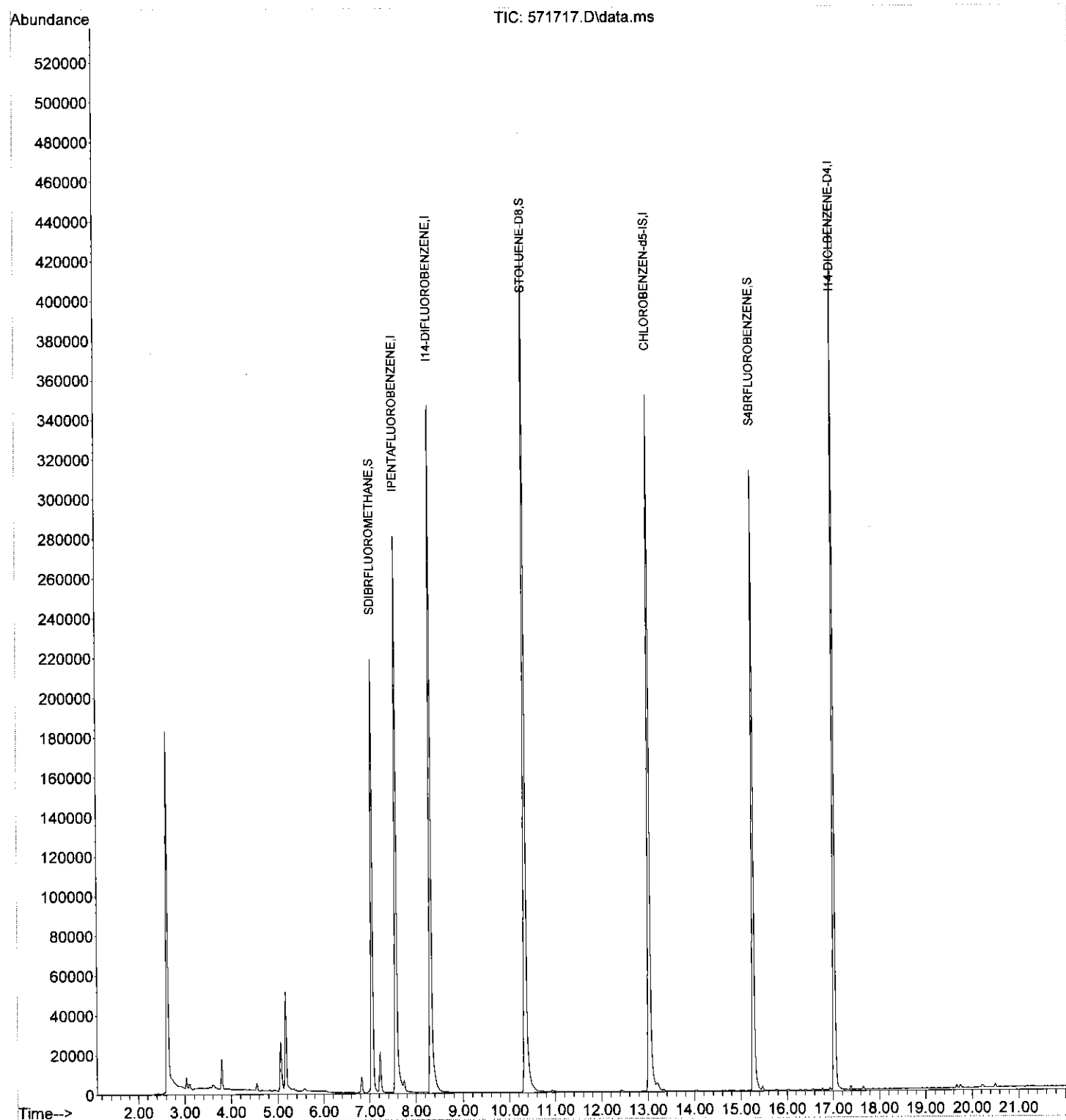
Quant Time: Jan 31 10:27:04 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571718.D
 Acq On : 30 Jan 2018 4:28 pm
 Operator : KMOR
 Sample : MW-5/2798577
 Misc : RUN195717
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 10:28:19 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	211753	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	336380	20.00	µg/L	-0.07
48) CHLOROBENZEN-d5-IS	13.025	117	286074	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	131315	20.00	µg/L	#-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	152748	22.60	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	=	113.00%	
39) STOLUENE-D8	10.345	98	403508	20.37	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	101.85%	
59) S4BRFLUOROBENZENE	15.269	95	145285	18.76	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	93.80%	
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	469	N.D.		
6) CHLOROETHANE	3.767	64	673	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	5097	4.80	µg/L #	94
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	504	N.D.		
12) CARBON DISULFIDE	4.549	76	1949	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.077	84	378	N.D.		
15) TRANS12DICLETHENE	5.188	96	217	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.132	43	76	N.D.		
18) 2-BUTANONE	7.208	43	144	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.823	83	981	N.D.		
22) BROMOCHLOROMETHANE	6.833	49	811	N.D.		
25) TETRAHYDROFURAN	7.016	42	210	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	685	N.D.		
30) BENZENE	7.554	78	63	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D:	d	
37) 4METHYL-2-PENTANONE	10.934	43	70	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	129	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571718.D
 Acq On : 30 Jan 2018 4:28 pm
 Operator : KMOR
 Sample : MW-5/2798577
 Misc : RUN195717
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 10:28:19 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.025	91	623	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	861	N.D.		
53) MP-XYLENE	13.340	91	251	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	914	N.D.		
63) N-PROPYLBENZENE	15.482	91	317	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	16.030	91	144	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	100	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	68	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	325	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	450	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.746	180	203	N.D.		
78) NAPHTHALENE	20.233	128	359	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	20.507	182	66	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571718.D
Acq On : 30 Jan 2018 4:28 pm
Operator : KMOR
Sample : MW-5/2798577
Misc : RUN195717
ALS Vial : 19 Sample Multiplier: 1

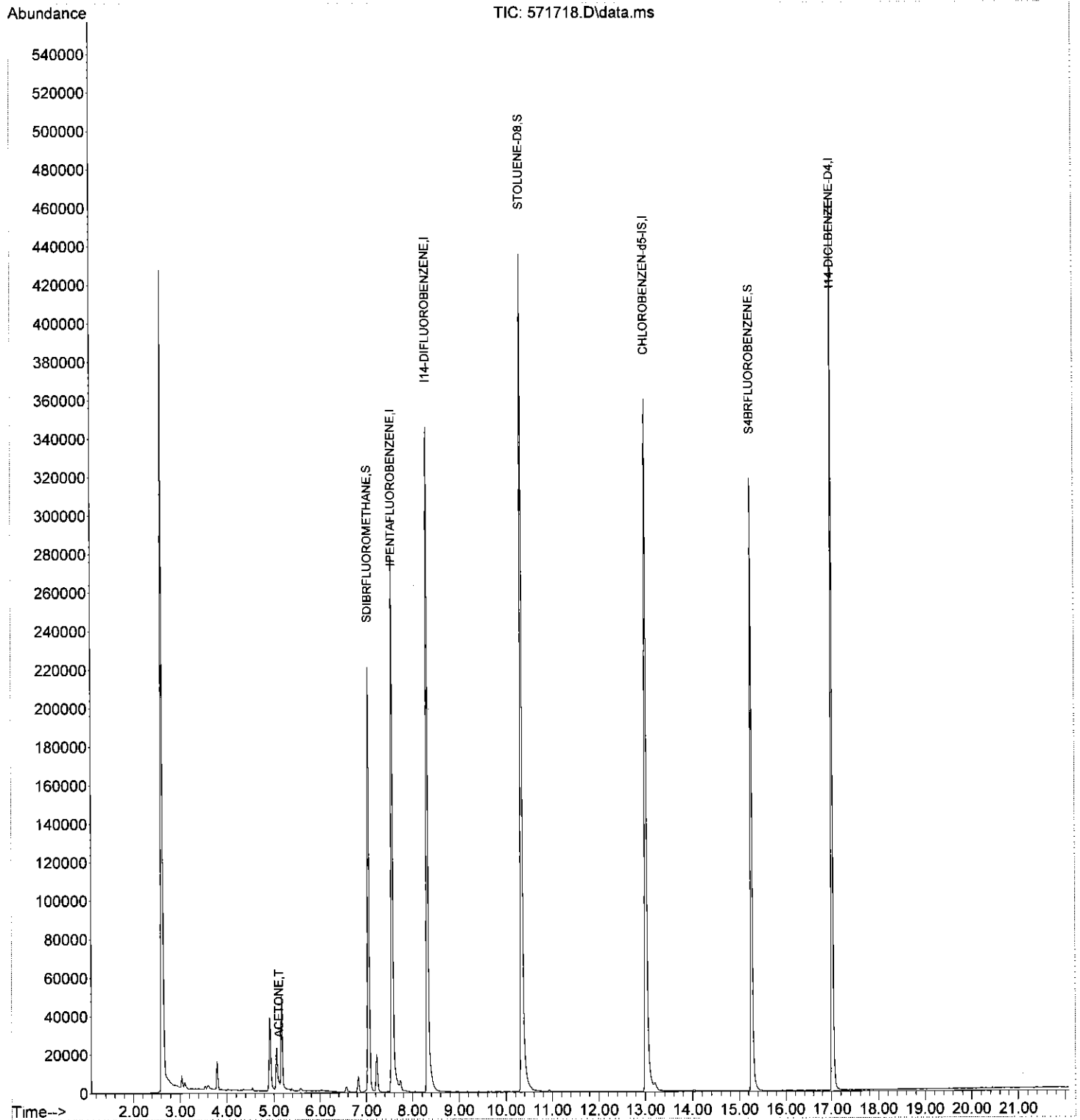
Quant Time: Jan 31 10:28:19 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

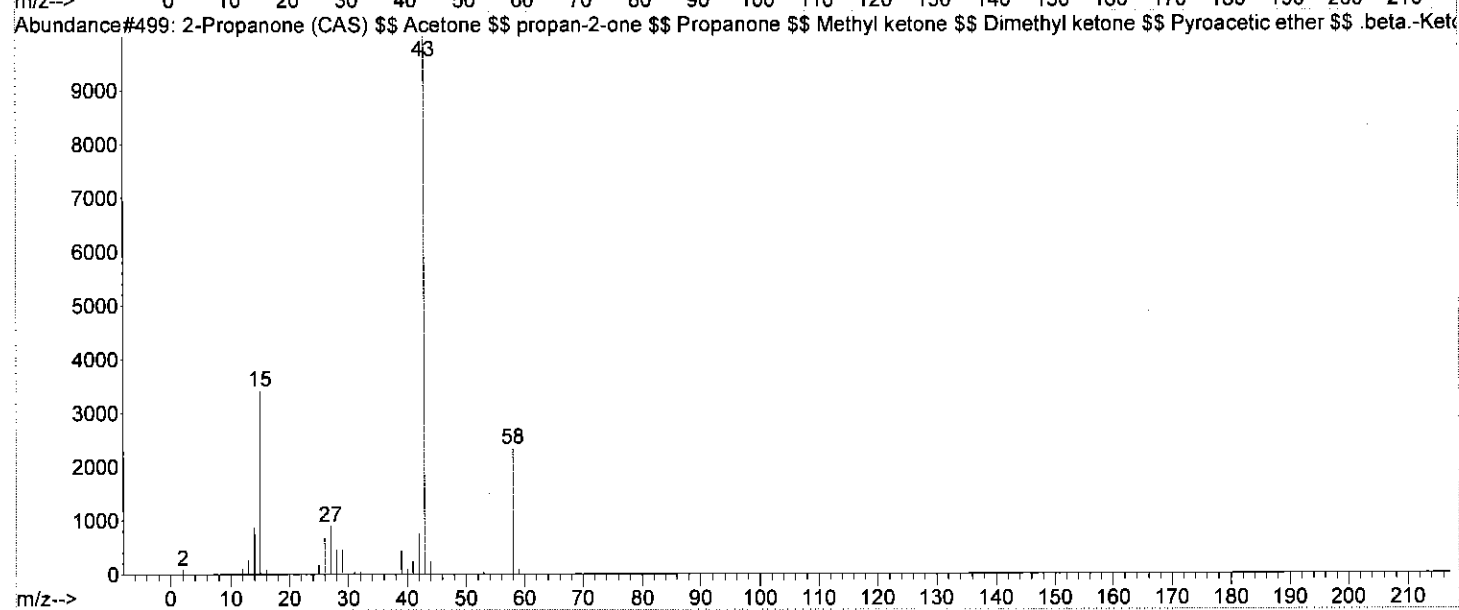
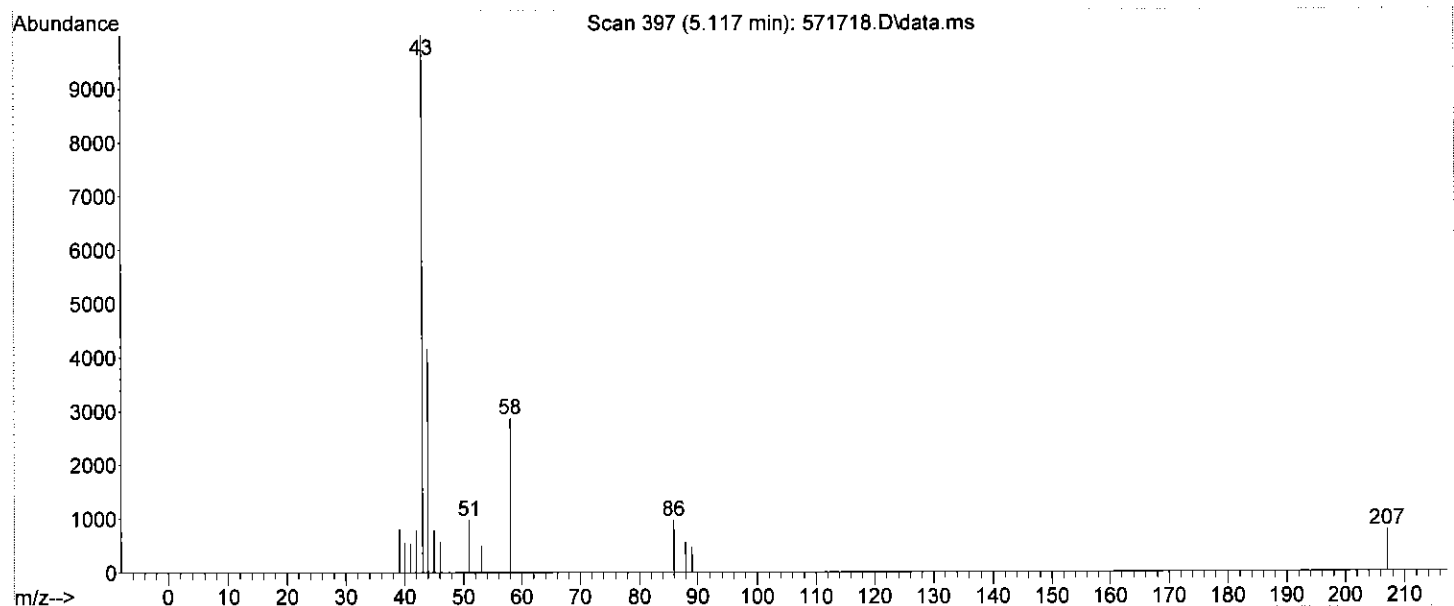
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH3)2CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571719.D
 Acq On : 30 Jan 2018 4:54 pm
 Operator : KMOR
 Sample : MW-2/2798589
 Misc : RUN195717
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 31 10:31:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	209577	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	331815	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	282087	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128099	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	149968	22.50	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 112.50%	
39) STOLUENE-D8	10.345	98	389642	19.94	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.70%	
59) S4BRFLUOROBENZENE	15.269	95	140972	18.46	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 92.30%	

Target Compounds

						Qvalue
2) DICLDFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	421	N.D.		
6) CHLOROETHANE	0.000		0	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	7124	6.77	µg/L #	97
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.670	142	388	N.D.		
12) CARBON DISULFIDE	4.549	76	1328	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.076	84	498	N.D.		
15) TRANS12DICLETHENE	5.168	96	539	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.132	43	287	N.D.		
18) 2-BUTANONE	7.188	43	314	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.823	83	390	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	754	N.D.		
25) TETRAHYDROFURAN	7.066	42	76	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	547	N.D.		
30) BENZENE	0.000		0	N.D.	d	
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMEthane	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	10.924	43	66	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.426	91	372	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571719.D
 Acq On : 30 Jan 2018 4:54 pm
 Operator : KMOR
 Sample : MW-2/2798589
 Misc : RUN195717
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 31 10:31:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	160066	20.42	µg/L	94
50) 1-CHLOROHEXANE	13.025	91	607	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	753	N.D.		
53) MP-XYLENE	13.330	91	488	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	918	N.D.		
63) N-PROPYLBENZENE	15.472	91	66	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	17.045	146	70	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	179	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

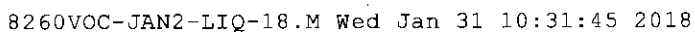
(OT Reviewed)

Quant Time: Jan 31 10:31:09 2018

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

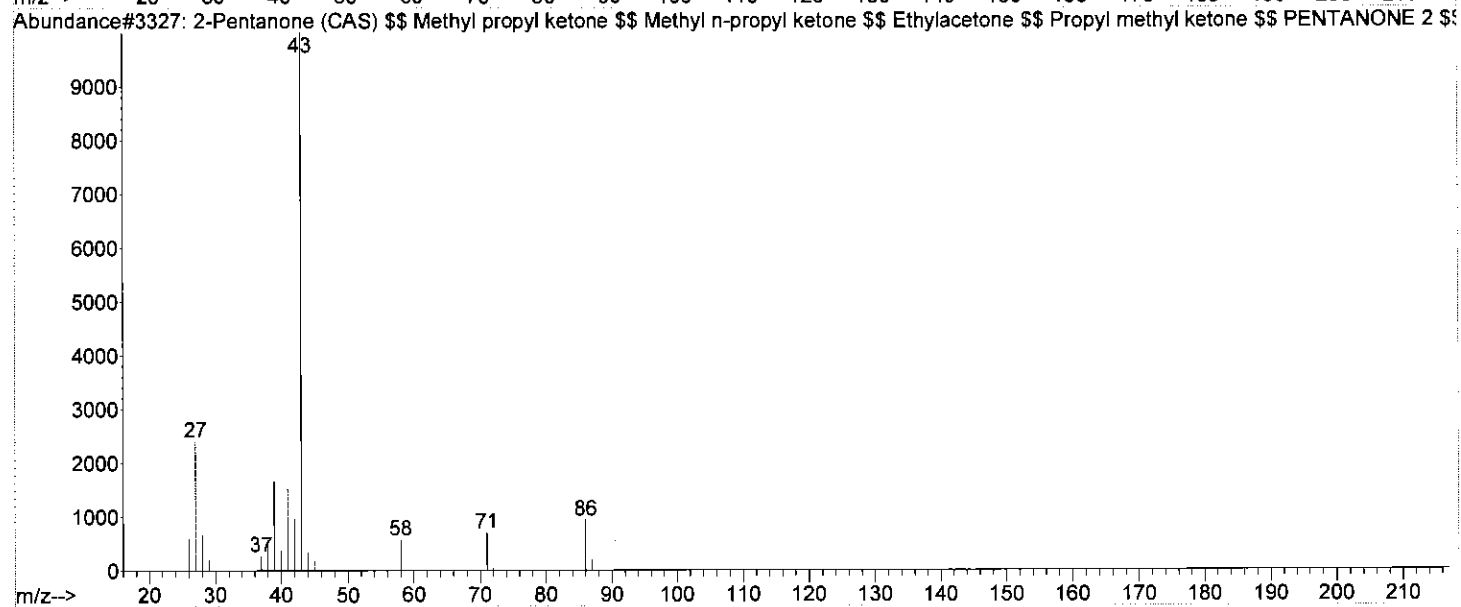
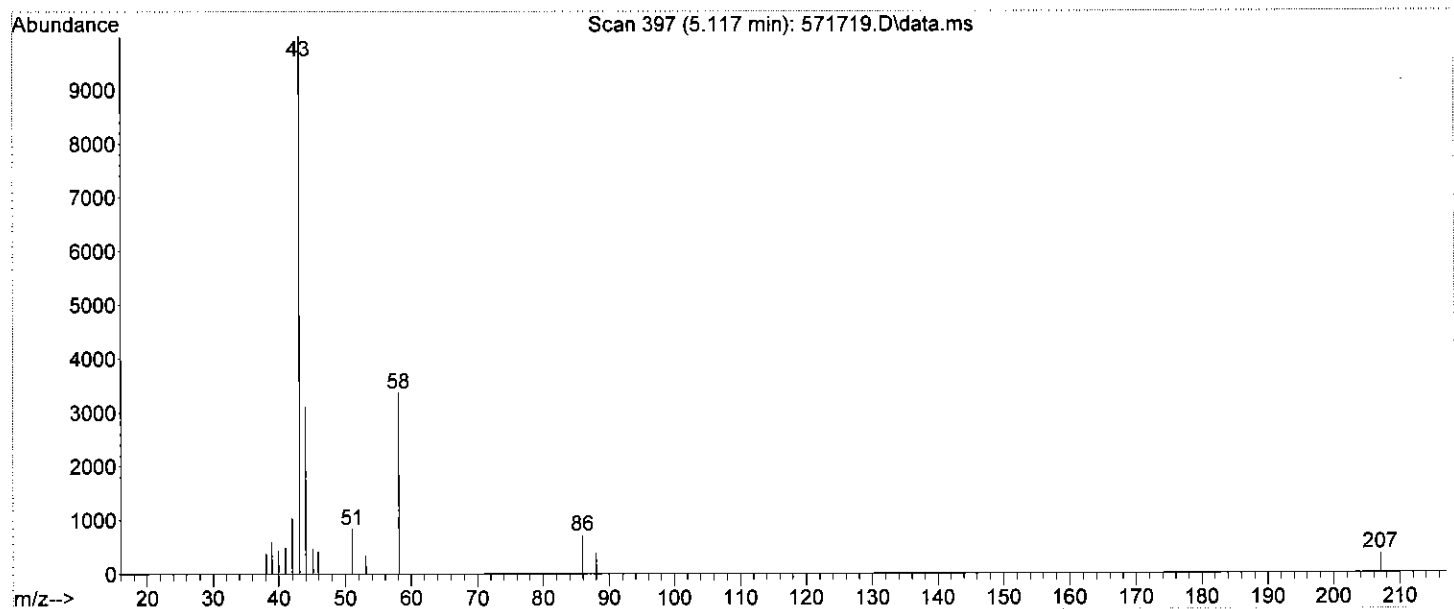
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

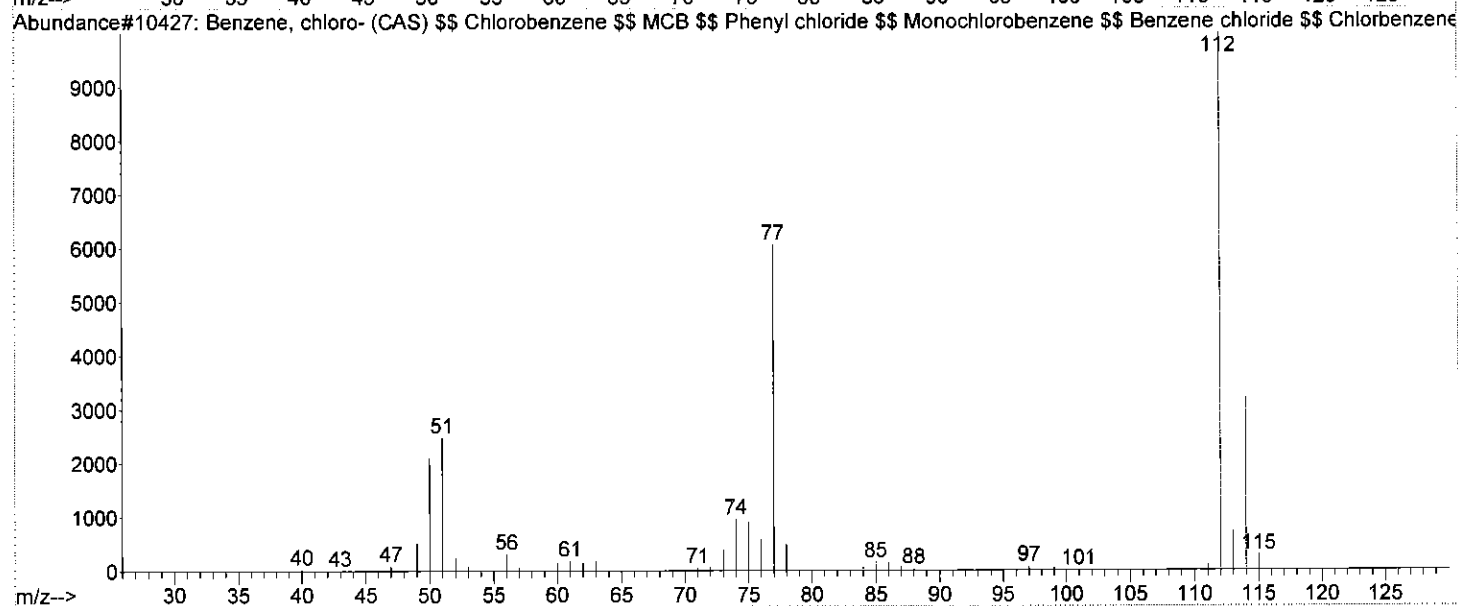
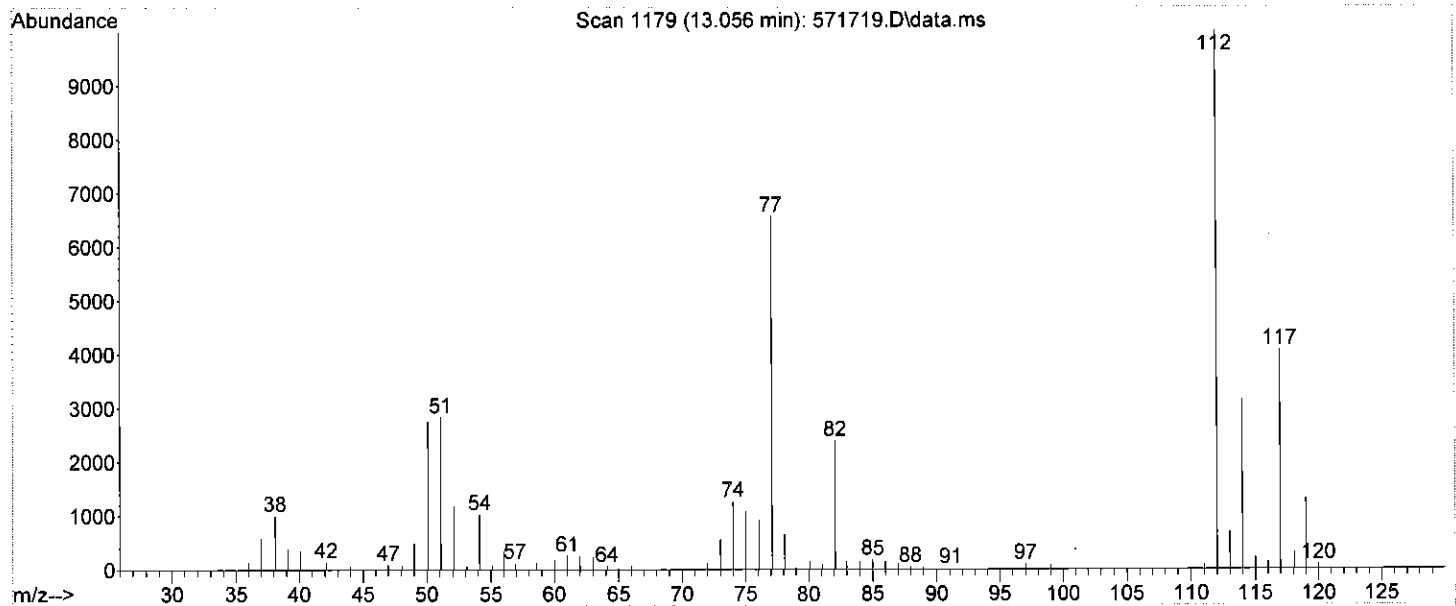
ID : 2-Pentanone (CAS) \$\$ Methyl propyl ketone \$\$ Methyl n-propyl ketone \$\$ Ethylacetone \$\$ Propyl methyl ketone \$\$ PENTANONE 2 \$\$ Ethyl acetone \$\$ n-C₃H₇COCH₃ \$
\$ Pentan-2-one \$\$ Metylopropyloketon \$\$ MPK \$\$ UN 1249 \$\$ 4-Methyl-2-butanone



Library Searched : C:\Database\WILEY275.L

Quality : 96

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571720.D
 Acq On : 30 Jan 2018 5:20 pm
 Operator : KMOR
 Sample : MW-6/2798578
 Misc : RUN195717
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 31 10:32:42 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	206869	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	331972	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	276752	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	126194	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	148798	22.31	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 111.55%	
39) STOLUENE-D8	10.345	98	391403	20.02	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 100.10%	
59) S4BRFLUOROBENZENE	15.269	95	140369	18.73	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.65%	

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	395	N.D.		
6) CHLOROETHANE	3.726	64	470	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	4474	4.31	µg/L #	93
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	386	N.D.		
12) CARBON DISULFIDE	4.549	76	950	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.077	84	350	N.D.		
15) TRANS12DICLETHENE	5.188	96	119	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.188	43	122	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	6.559	77	128	N.D.		
21) CHLOROFORM	6.823	83	176	N.D.		
22) BROMOCHLOROMETHANE	6.833	49	707	N.D.		
25) TETRAHYDROFURAN	7.016	42	131	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.985	117	645	N.D.		
30) BENZENE	7.574	78	1649	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	172	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571720.D
 Acq On : 30 Jan 2018 5:20 pm
 Operator : KMOR
 Sample : MW-6/2798578
 Misc : RUN195717
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 31 10:32:42 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	6572	0.85	µg/L #	49
50) 1-CHLOROHEXANE	13.015	91	643	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.015	91	719	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.300	77	76	N.D.		
63) N-PROPYLBENZENE	15.279	91	564	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	64	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571720.D
 Acq On : 30 Jan 2018 5:20 pm
 Operator : KMOR
 Sample : MW-6/2798578
 Misc : RUN195717
 ALS Vial : 21 Sample Multiplier: 1

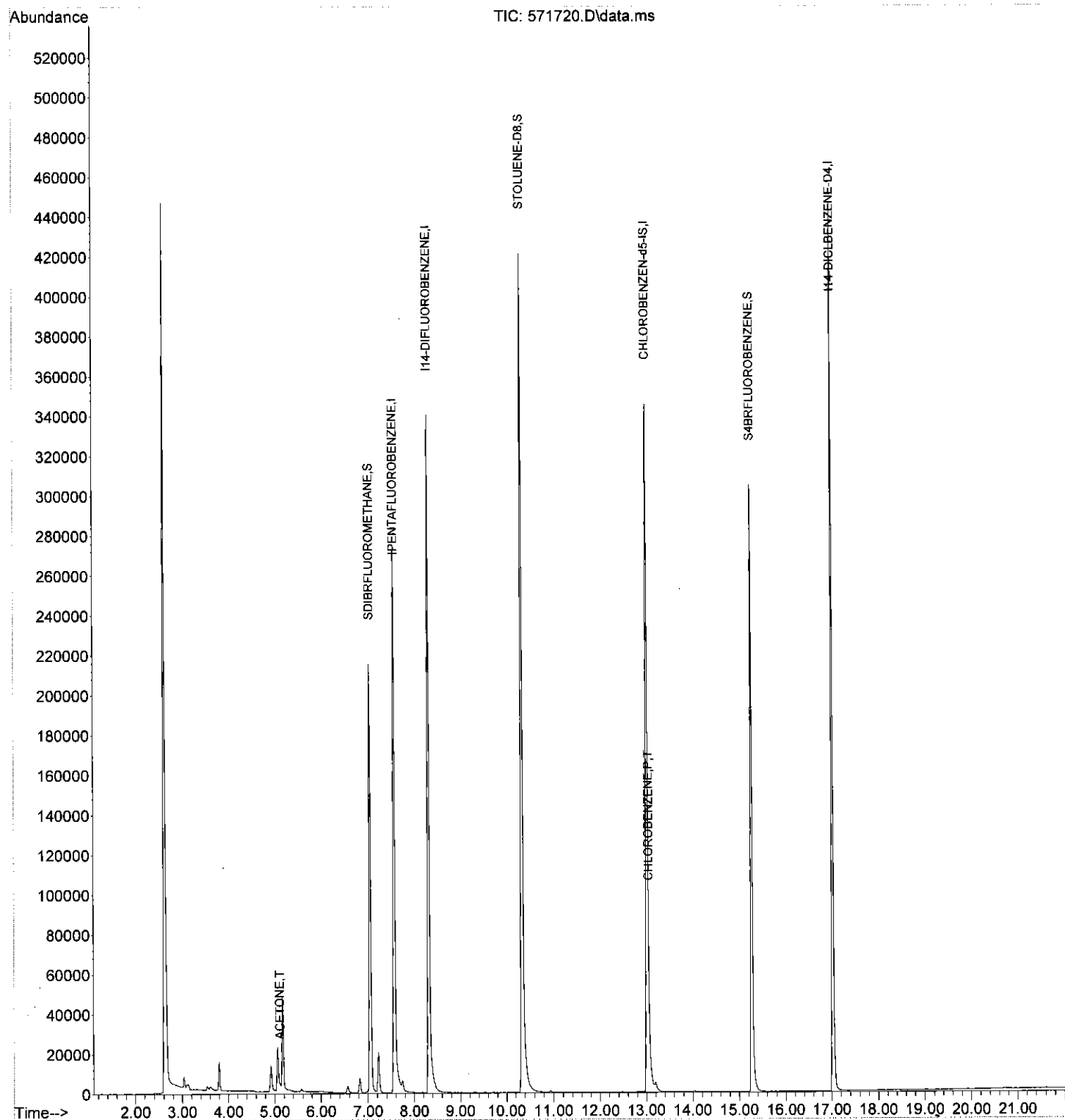
Quant Time: Jan 31 10:32:42 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

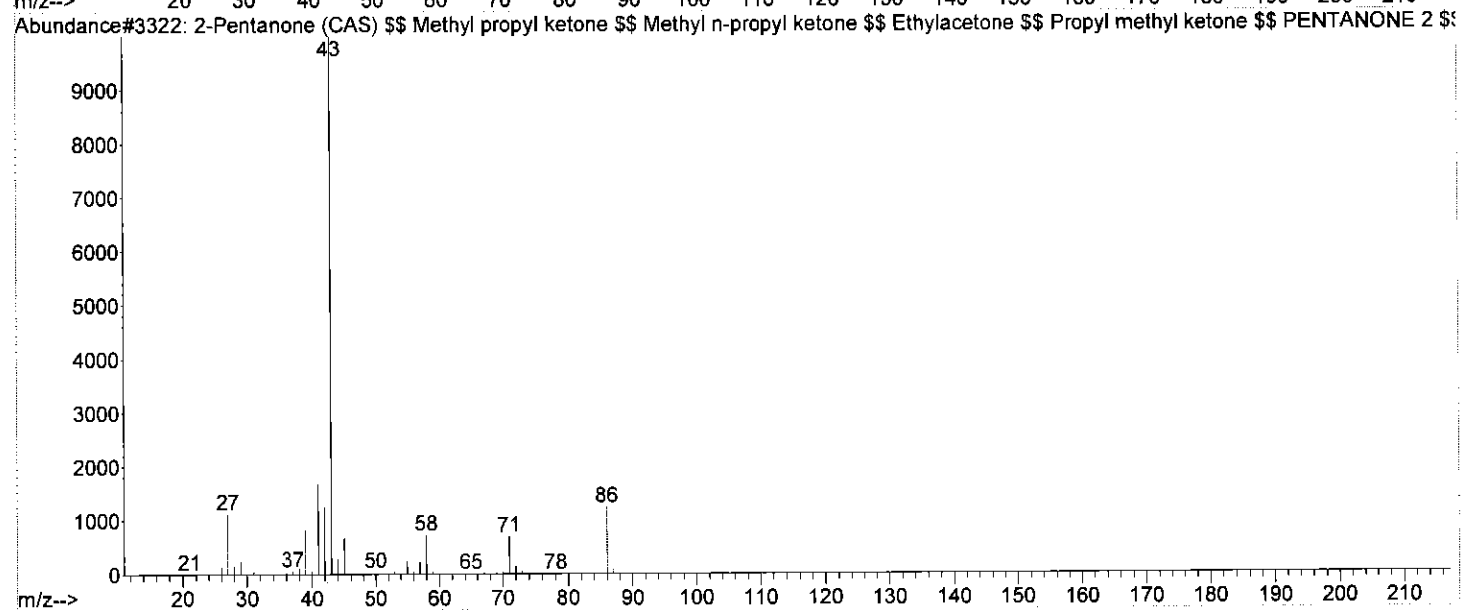
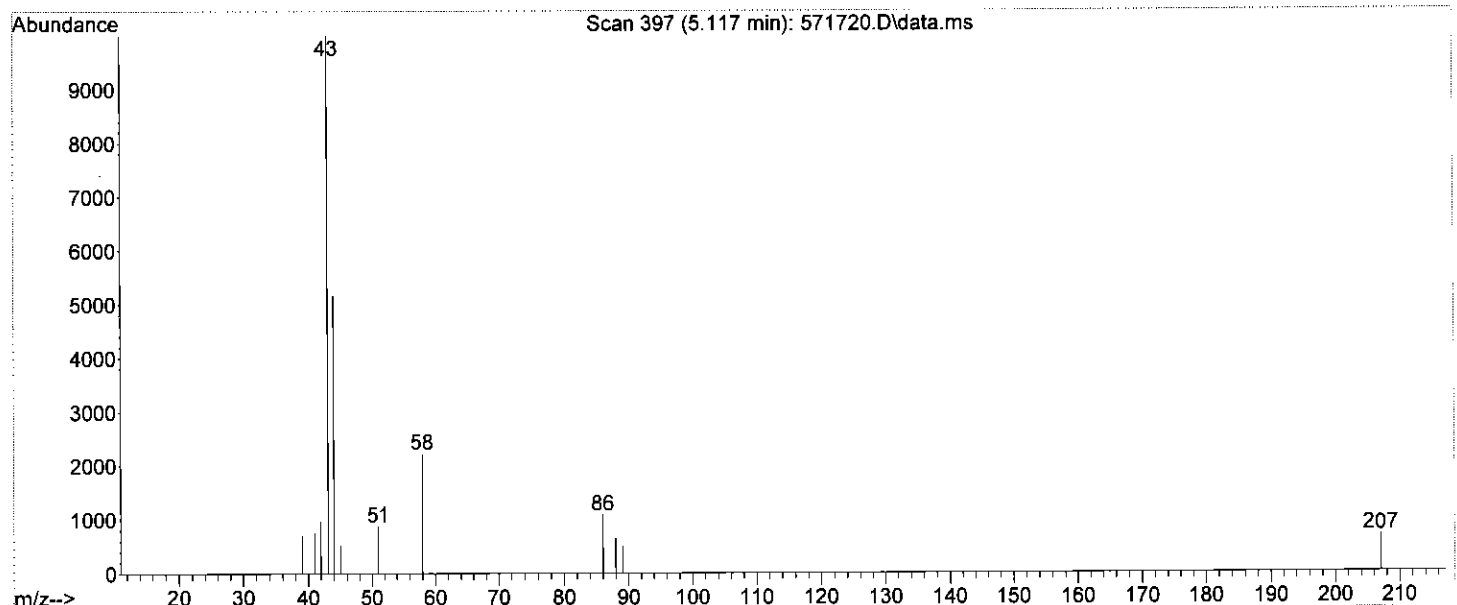
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 16

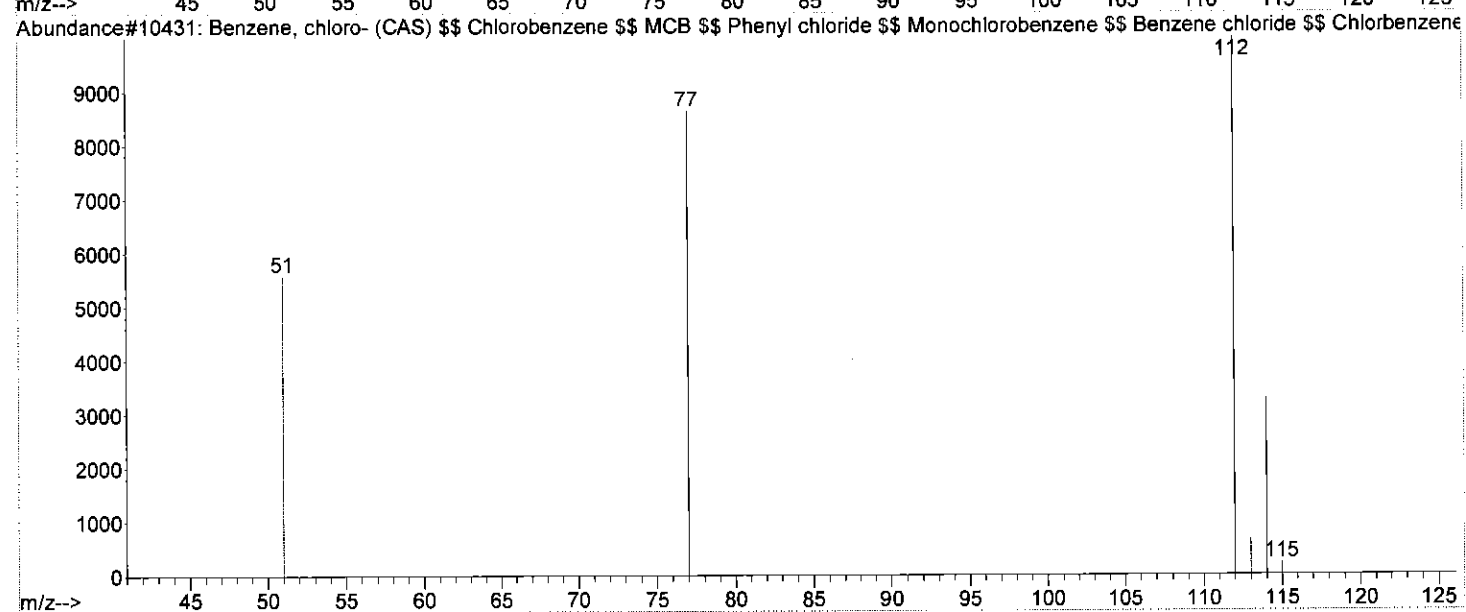
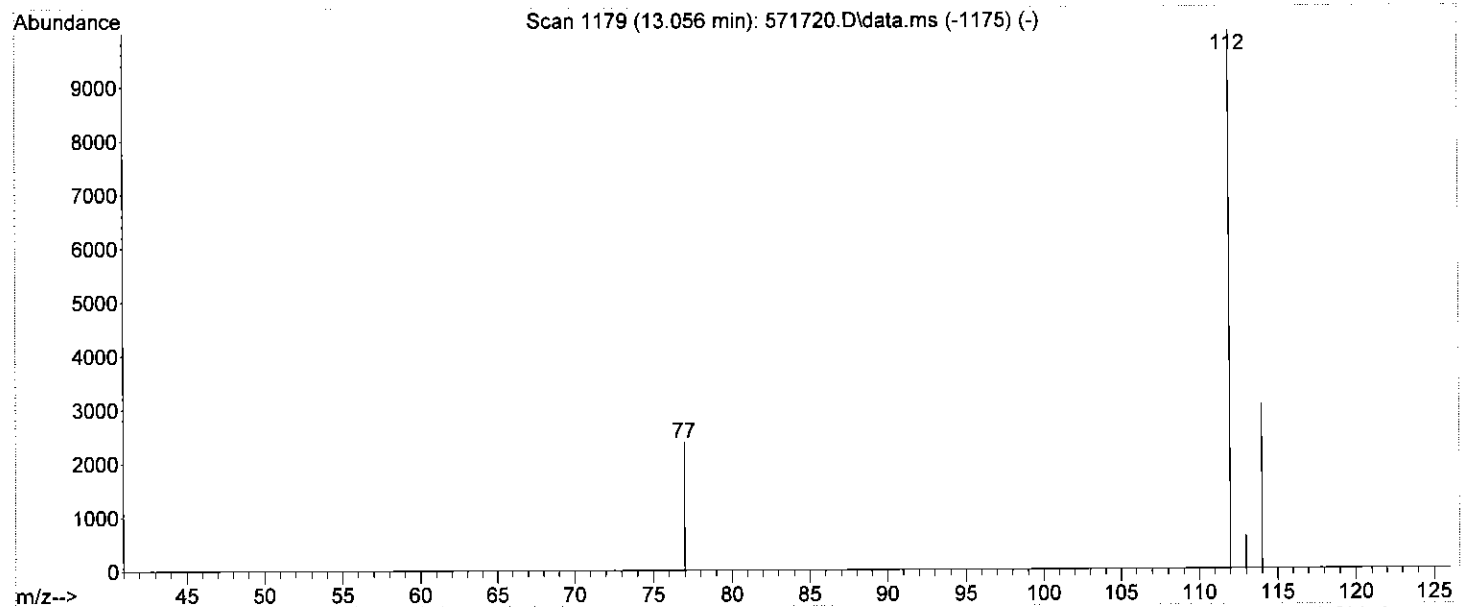
ID : 2-Pentanone (CAS) \$\$ Methyl propyl ketone \$\$ Methyl n-propyl ketone \$\$ Ethylacetone \$\$ Propyl methyl ketone \$\$ PENTANONE 2 \$\$ Ethyl acetone \$\$ n-C₃H₇COCH₃ \$
\$ Pentan-2-one \$\$ Metylopropyloketon \$\$ MPK \$\$ UN 1249 \$\$ 4-Methyl-2-butanone



Library Searched : C:\Database\WILEY275.L

Quality : 9

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc



Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571721.D
 Acq On : 30 Jan 2018 5:46 pm
 Operator : KMOR
 Sample : 2798589DUP/2800027
 Misc : RUN195717
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 31 10:34:24 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	207298	20.00	µg/L	#-0.07
23) I14-DIFLUOROBENZENE	8.325	114	331429	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	286980	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128504	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	150463	22.60	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 113.00%	
39) STOLUENE-D8	10.345	98	395652	20.27	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 101.35%	
59) S4BRFLUOROBENZENE	15.269	95	144156	18.55	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 92.75%	

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	421	N.D.		
6) CHLOROETHANE	0.000		0	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	8140	7.82	µg/L #	55
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.670	142	236	N.D.		
12) CARBON DISULFIDE	4.548	76	832	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.087	84	530	N.D.		
15) TRANS12DICLETHENE	5.168	96	401	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.112	43	66	N.D.		
18) 2-BUTANONE	7.188	43	135	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	6.559	77	63	N.D.		
21) CHLOROFORM	6.833	83	415	N.D.		
22) BROMOCHLOROMETHANE	6.822	49	813	N.D.		
25) TETRAHYDROFURAN	7.066	42	66	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	646	N.D.		
30) BENZENE	7.584	78	5354	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMEthane	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.426	91	412	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571721.D
Acq On : 30 Jan 2018 5:46 pm
Operator : KMOR
Sample : 2798589DUP/2800027
Misc : RUN195717
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 31 10:34:24 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

... .M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	0.000		0	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	159538	20.01	µg/L	93
50) 1-CHLOROHEXANE	13.025	91	579	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	706	N.D.		
53) MP-XYLENE	13.330	91	405	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.279	77	836	N.D.		
63) N-PROPYLBENZENE	15.279	91	528	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571721.D
Acq On : 30 Jan 2018 5:46 pm
Operator : KMOR
Sample : 2798589DUP/2800027
Misc : RUN195717
ALS Vial : 22 Sample Multiplier: 1

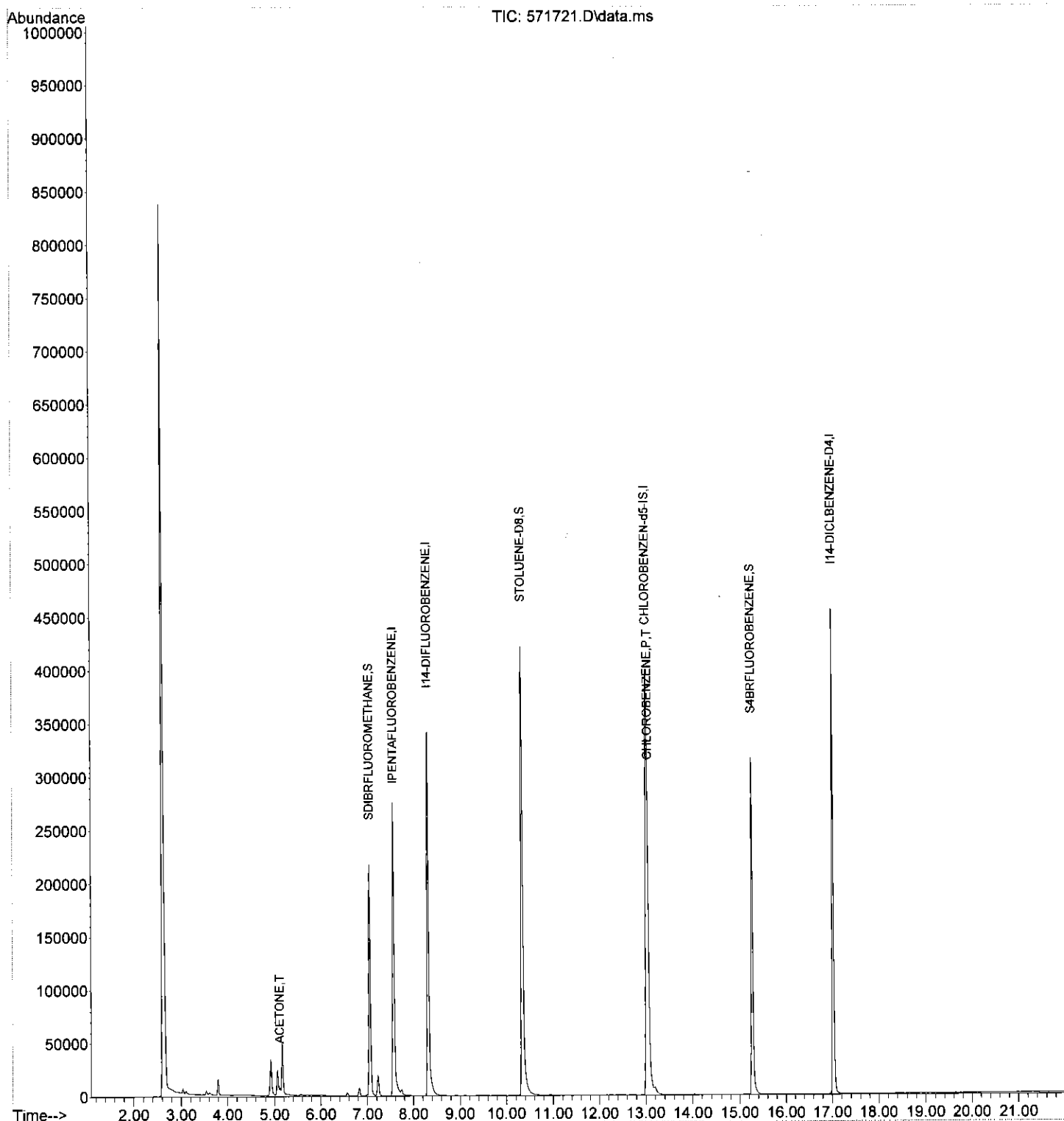
Quant Time: Jan 31 10:34:24 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

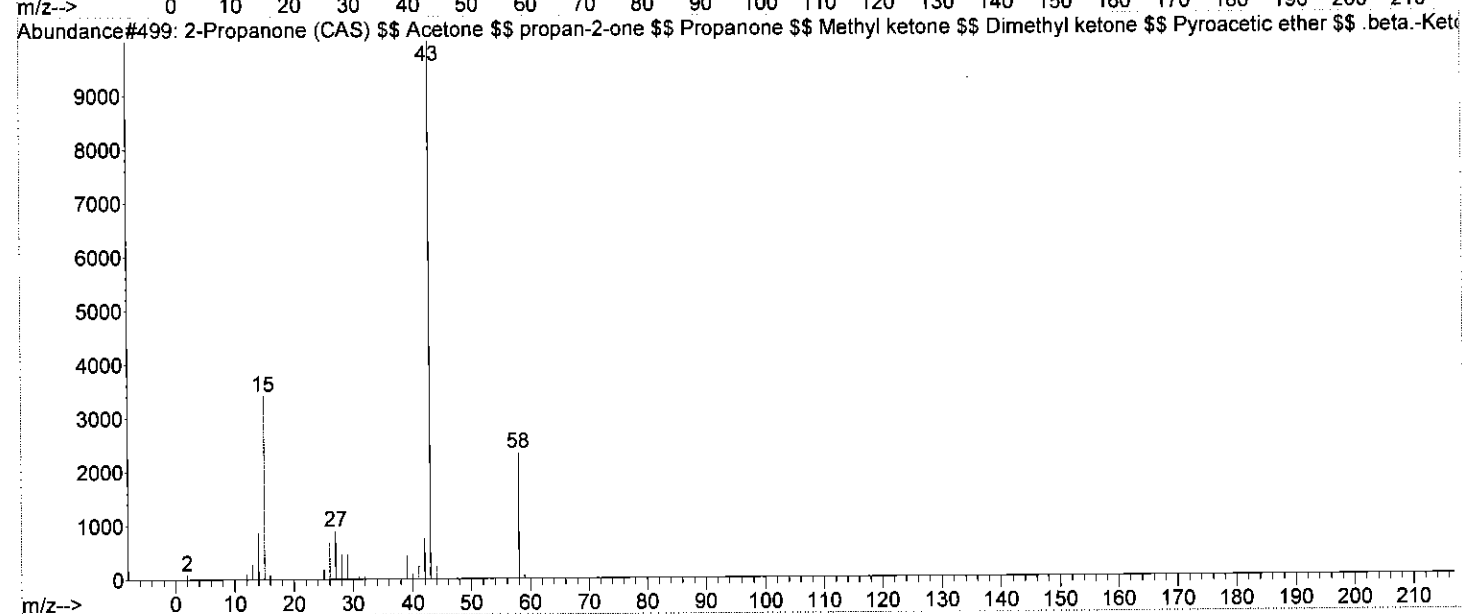
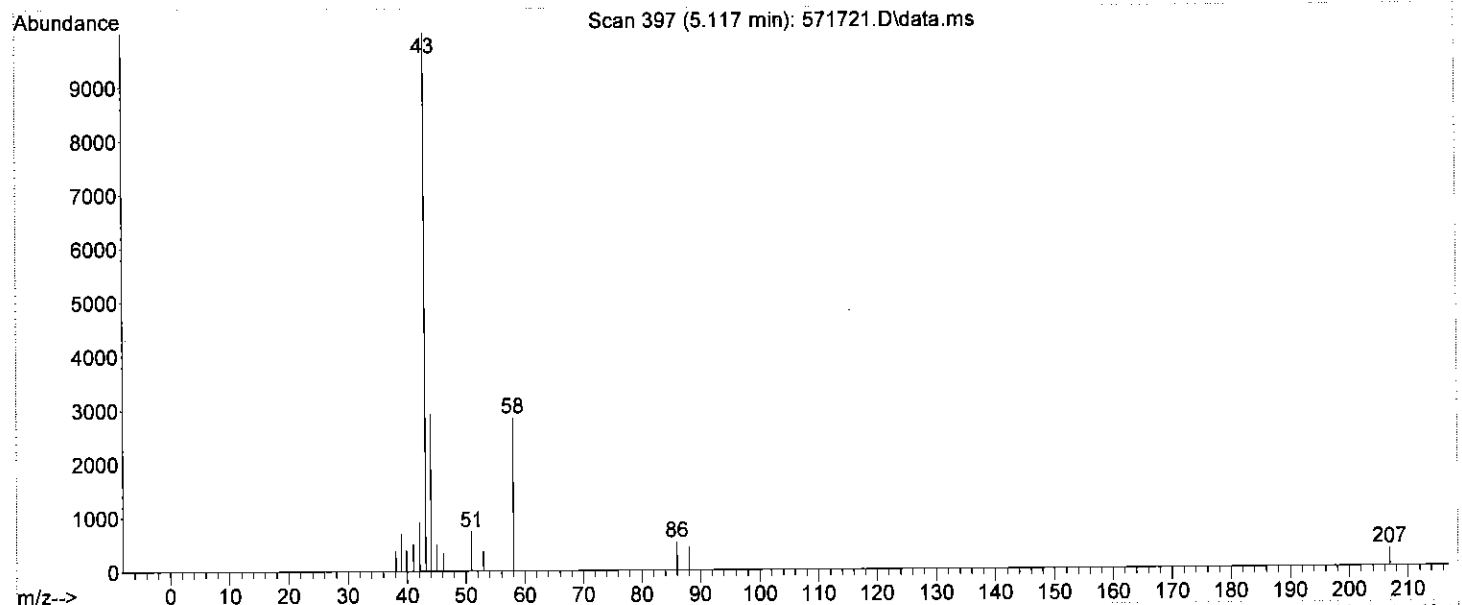
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

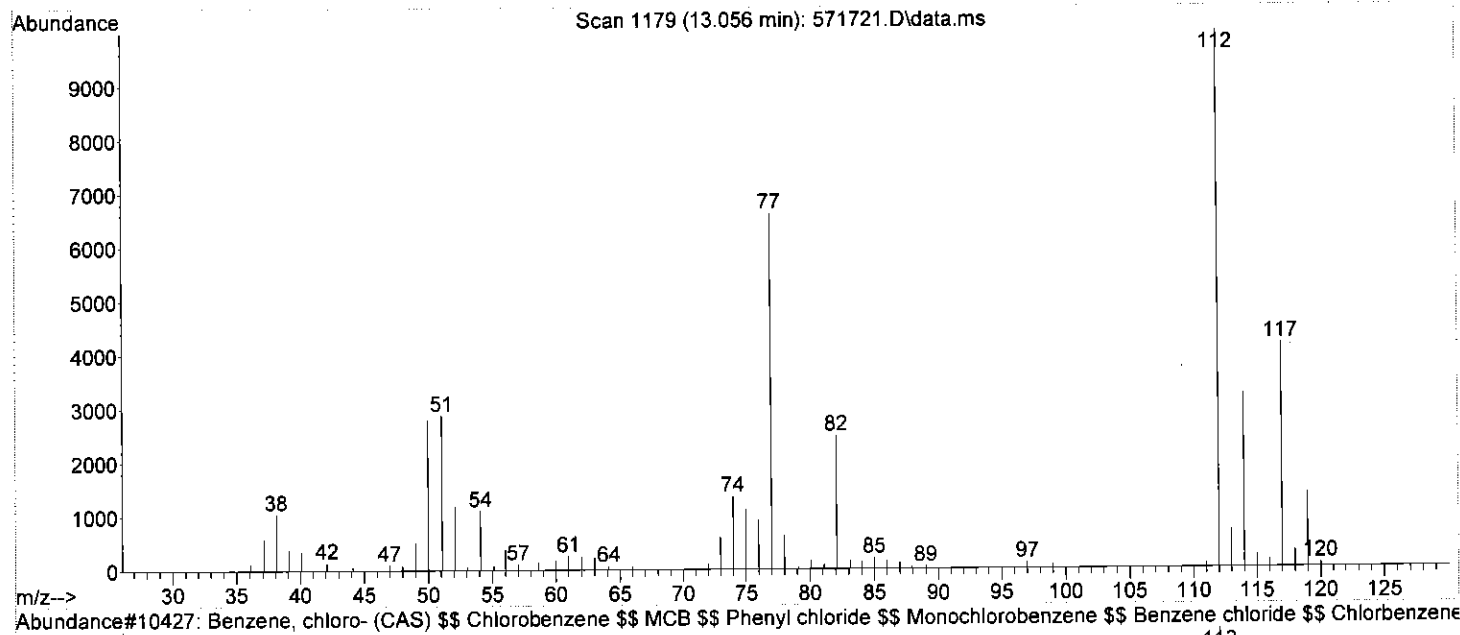
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



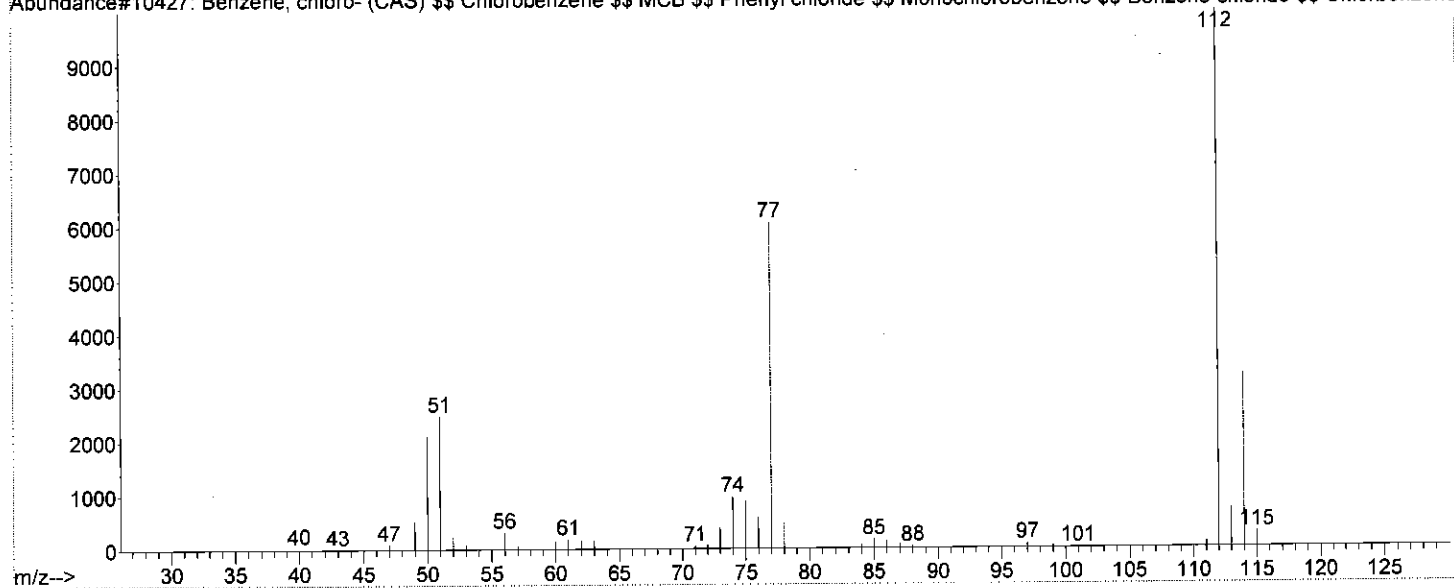
Library Searched : C:\Database\WILEY275.L

Quality : 96

ID : Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene \$\$ Chlorobenzol \$\$ Monochlorbenzene \$\$ Chloorbenzeen \$\$ Chlorbenzol \$\$ Chlorobenzen \$\$ Chlorobenzene, mono- \$\$ Clorobenzene \$\$ Monoc



Abundance#10427: Benzene, chloro- (CAS) \$\$ Chlorobenzene \$\$ MCB \$\$ Phenyl chloride \$\$ Monochlorobenzene \$\$ Benzene chloride \$\$ Chlorbenzene



Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571722.D
 Acq On : 30 Jan 2018 6:12 pm
 Operator : KMOR
 Sample : 2798578MS/2800026
 Misc : RUN195717
 ALS Vial : 23 Sample Multiplier: 1

*① Poor integration of peak by
 computer data system. DR 01/31/18.
 ② Over-integration of peak by*

Quant Time: Jan 31 10:36:03 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

*noisy baseline. DR
 01/31/18.*

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.574	168	243256m①	20.00	µg/L	-0.07
23) I14-DIFLUOROBENZENE	8.325	114	342453	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	312427	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	177242	20.00	µg/L	-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	160070	23.27	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	116.35%
39) STOLUENE-D8	10.345	98	408861	20.27	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.35%
59) S4BRFLUOROBENZENE	15.269	95	173091	20.46	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	102.30%

Target Compounds

						Qvalue
2) DICLDFLUOROMETHANE	2.843	85	57103	18.07	µg/L	98
3) CHLOROMETHANE	3.097	50	93718	24.21	µg/L	97
4) VINYL CHLORIDE	3.210	62	70258	21.30	µg/L	99
5) BROMOMETHANE	3.594	94	57267m①	23.39	µg/L	
6) CHLOROETHANE	3.747	64	41020	22.72	µg/L	99
7) TRICLFLUOROMETHANE	3.899	101	133900	24.26	µg/L	99
8) ACROLEIN	4.813	56	28387	416.50	µg/L	100
9) ACETONE	5.117	43	125067	102.44	µg/L #	99
10) 11-DICHLOROETHENE	4.467	61	54613	20.61	µg/L	94
11) IODOMETHANE	4.660	142	270601	68.31	µg/L	100
12) CARBON DISULFIDE	4.549	76	738913	103.18	µg/L #	99
13) ACRYLONITRILE	5.970	53	144475	79.75	µg/L	98
14) DICHLOROMETHANE	5.077	84	60845	24.55	µg/L #	81
15) TRANS12DICLETHENE	5.259	96	53029	18.90	µg/L	98
16) 11-DICHLOROETHANE	5.929	63	112729	19.62	µg/L	100
17) VINYL ACETATE	6.132	43	747729	82.46	µg/L #	94
18) 2-BUTANONE	7.188	43	201302	78.08	µg/L	92
19) CIS12DICHLOROETHENE	6.538	96	53901	16.10	µg/L #	78
20) 22-DICHLOROPROPANE	6.670	77	39667	9.46	µg/L	97
21) CHLOROFORM	6.833	83	129939	19.18	µg/L #	100
22) BROMOCHLOROMETHANE	6.782	49	72354	18.65	µg/L #	70
25) TETRAHYDROFURAN	7.066	42	68134	16.33	µg/L	89
26) 111-TRICHLOROETHANE	7.127	97	105558	20.28	µg/L	96
27) 11-DICHLOROPROPENE	7.259	75	70513	18.58	µg/L #	84
28) 12-DICHLOROETHANE	7.828	62	110954	21.08	µg/L #	98
29) CARBONTETRACHLORIDE	7.046	117	88956	20.66	µg/L	99
30) BENZENE	7.574	78	210369	18.64	µg/L #	95
31) TRICHLOROETHENE	8.325	132	51075	17.51	µg/L #	85
32) 12-DICHLOROPROPANE	9.046	63	58912	17.56	µg/L	95
33) DIBROMOMETHANE	8.924	174	35425	15.69	µg/L #	76
34) BROMODICL METHANE	9.117	83	87058	19.41	µg/L	99
35) 2-CLETHYLVINYLETHER	9.868	63	755	N.D.		
36) EPICHLOROHYDRIN	10.416	57	105691	271.28	µg/L	91
37) 4METHYL-2-PENTANONE	10.975	43	417607	83.37	µg/L #	87
38) CIS13DICLPROPENE	10.051	75	61876	13.14	µg/L	90
40) TOLUENE	10.427	91	215660	16.55	µg/L	95
41) TRANS13DICLPROPENE	11.076	75	65067	13.91	µg/L	76
42) 112-TRICHLOROETHANE	11.350	97	57142	17.76	µg/L #	87
43) 2-HEXANONE	12.416	43	260975	73.59	µg/L #	89
44) 13-DICHLOROPROPANE	11.838	76	97638	17.29	µg/L	88

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571722.D
 Acq On : 30 Jan 2018 6:12 pm
 Operator : KMOR
 Sample : 2798578MS/2800026
 Misc : RUN195717
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 31 10:36:03 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	59918	15.17	µg/L	99
46) TETRACHLOROETHENE	11.086	166	51173	16.95	µg/L #	84
47) 12-DIBROMOETHANE	12.132	107	51300	15.97	µg/L	99
49) CHLOROBENZENE	13.056	112	151560	17.46	µg/L	79
50) 1-CHLOROHEXANE	12.954	91	59183	14.02	µg/L #	47
51) 1112-TETRACLETHANE	13.157	131	56886	17.78	µg/L	92
52) ETHYLBENZENE	13.066	91	250528	17.91	µg/L	95
53) MP-XYLENE	13.330	91	397688	34.17	µg/L	91
54) STYRENE	14.274	104	138371	16.38	µg/L	91
55) O-XYLENE	14.173	91	194566	16.44	µg/L	93
56) BROMOFORM	14.355	173	48417	15.60	µg/L	99
57) 1122-TETRACLETHANE	15.584	83	96998	17.21	µg/L	99
58) ISOPROPYL BENZENE	14.751	105	224915	16.84	µg/L	92
60) 123-TRICLPROPANE	15.817	110	27280	16.70	µg/L	89
61) TRANS14DICL2BUTENE	15.868	53	46967	62.31	µg/L #	76
62) BROMOBENZENE	15.462	77	127789	17.84	µg/L	75
63) N-PROPYLBENZENE	15.472	91	285232	17.55	µg/L	91
64) 2-CHLOROTOLUENE	15.756	91	200371	17.13	µg/L	82
65) 4-CHLOROTOLUENE	16.010	91	177622	17.19	µg/L	88
66) 135TRIMETHYLBENZENE	15.777	105	213585	17.34	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	165629	17.19	µg/L	87
68) 124TRIMETHYLBENZENE	16.396	105	203890	16.95	µg/L	92
69) SEC-BUTYLBENZENE	16.568	105	239024	17.60	µg/L	98
70) 13-DICHLOROBENZENE	16.924	146	101087	15.78	µg/L	94
72) 4-ISOPROPYLTOLUENE	16.771	119	192231	16.34	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	114775	17.05	µg/L #	82
74) 12-DICHLOROBENZENE	17.655	146	112529	16.43	µg/L	93
75) N-BUTYLBENZENE	17.381	91	176078	16.39	µg/L	95
76) 12-DIBR-3CLPROPANE	18.771	157	13159	12.07	µg/L	90
77) 124-TRICLBENZENE	19.736	180	61384	14.67	µg/L #	94
78) NAPHTHALENE	20.213	128	214802m①	17.23	µg/L	
79) HEXACHLOROBUTADIENE	19.665	225	25696	15.03	µg/L	97
80) 123-TRICLBENZENE	20.497	182	61154	14.79	µg/L	96

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

① Poor integration of peak by computer data system. OK 1/31/18.

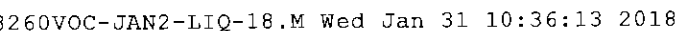
(QT Reviewed)

Quant Time: Jan 31 10:36:03 2018

M

QLast Update : Thu Jan 25 13:53:13 2018

Abundance



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571723.D
 Acq On : 30 Jan 2018 6:38 pm
 Operator : KMOR
 Sample : 2796582
 Misc : RUN195721
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 10:37:16 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	213813	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	339764	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	284147	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	130288	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	153755	22.53	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	112.65%
39) STOLUENE-D8	10.345	98	398037	19.89	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.45%
59) S4BRFLUOROBENZENE	15.269	95	145007	18.85	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	94.25%

Target Compounds

						Qvalue
2) DICLIDIFLUOROMETHANE	2.843	85	157	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.605	94	645	N.D.		
6) CHLOROETHANE	3.544	64	648	N.D.		
7) TRICLFLUOROMETHANE	3.909	101	290	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	6088	5.67	µg/L #	87
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	818	N.D.		
12) CARBON DISULFIDE	0.000		0	N.D.	d	
13) ACRYLONITRILE	5.980	53	255	N.D.		
14) DICHLOROMETHANE	5.077	84	1070	N.D.		
15) TRANS12DICLETHENE	5.249	96	233	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.142	43	341	N.D.		
18) 2-BUTANONE	0.000		0	N.D.	d	
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	163782	27.51	µg/L #	99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.066	42	1088	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	7.259	75	77	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	630	N.D.		
30) BENZENE	7.584	78	257	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMEthane	9.107	83	15292	3.44	µg/L	99
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	10.985	43	15198	3.06	µg/L #	82
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.427	91	520	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	12.426	43	1023	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571723.D
 Acq On : 30 Jan 2018 6:38 pm
 Operator : KMOR
 Sample : 2796582
 Misc : RUN195721
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 10:37:16 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

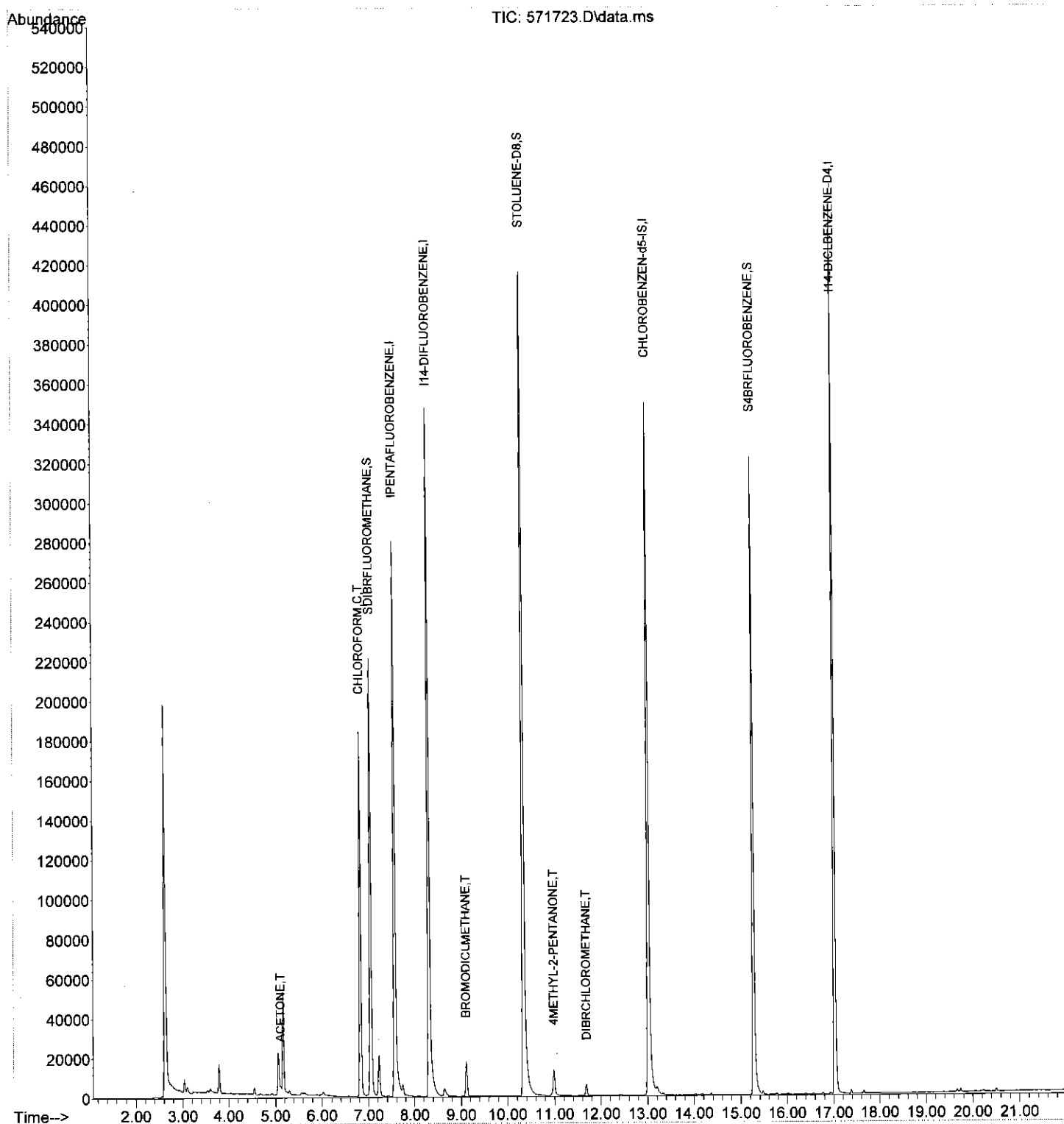
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	4865	1.24	µg/L	96
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.056	112	540	N.D.		
50) 1-CHLOROHEXANE	12.954	91	68	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.066	91	1890	N.D.		
53) MP-XYLENE	13.340	91	1244	N.D.		
54) STYRENE	14.284	104	69	N.D.		
55) O-XYLENE	14.173	91	1132	N.D.		
56) BROMOFORM	14.355	173	739	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	14.741	105	326	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.472	77	513	N.D.		
63) N-PROPYLBENZENE	15.472	91	1258	N.D.		
64) 2-CHLOROTOLUENE	15.756	91	568	N.D.		
65) 4-CHLOROTOLUENE	16.020	91	855	N.D.		
66) 135TRIMETHYLBENZENE	15.777	105	516	N.D.		
67) TERT-BUTYLBENZENE	16.284	119	286	N.D.		
68) 124TRIMETHYLBENZENE	16.396	105	539	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	885	N.D.		
70) 13-DICHLOROBENZENE	16.924	146	592	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	736	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	1409	N.D.		
74) 12-DICHLOROBENZENE	17.655	146	694	N.D.		
75) N-BUTYLBENZENE	17.391	91	1729	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.736	180	872	N.D.		
78) NAPHTHALENE	20.223	128	2068	N.D.		
79) HEXACHLOROBUTADIENE	19.665	225	469	N.D.		
80) 123-TRICLBENZENE	20.497	182	878	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571723.D
 Acq On : 30 Jan 2018 6:38 pm
 Operator : KMOR
 Sample : 2796582
 Misc : RUN195721
 ALS Vial : 24 Sample Multiplier: 1

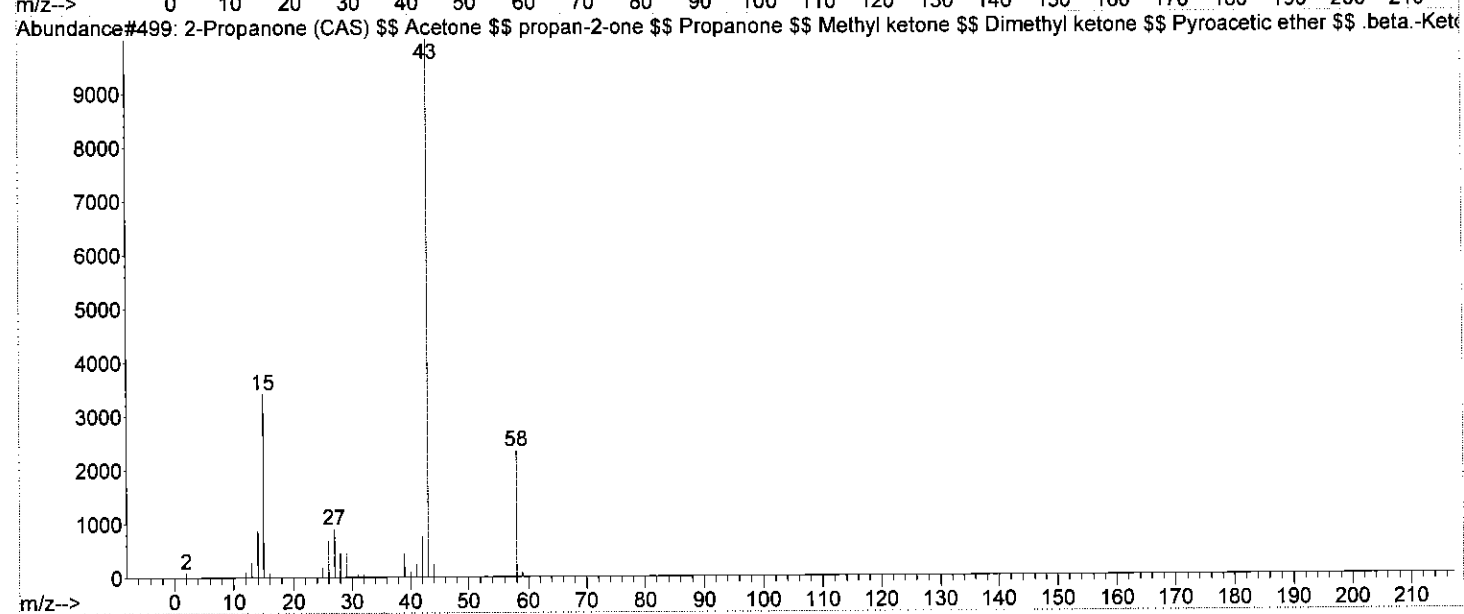
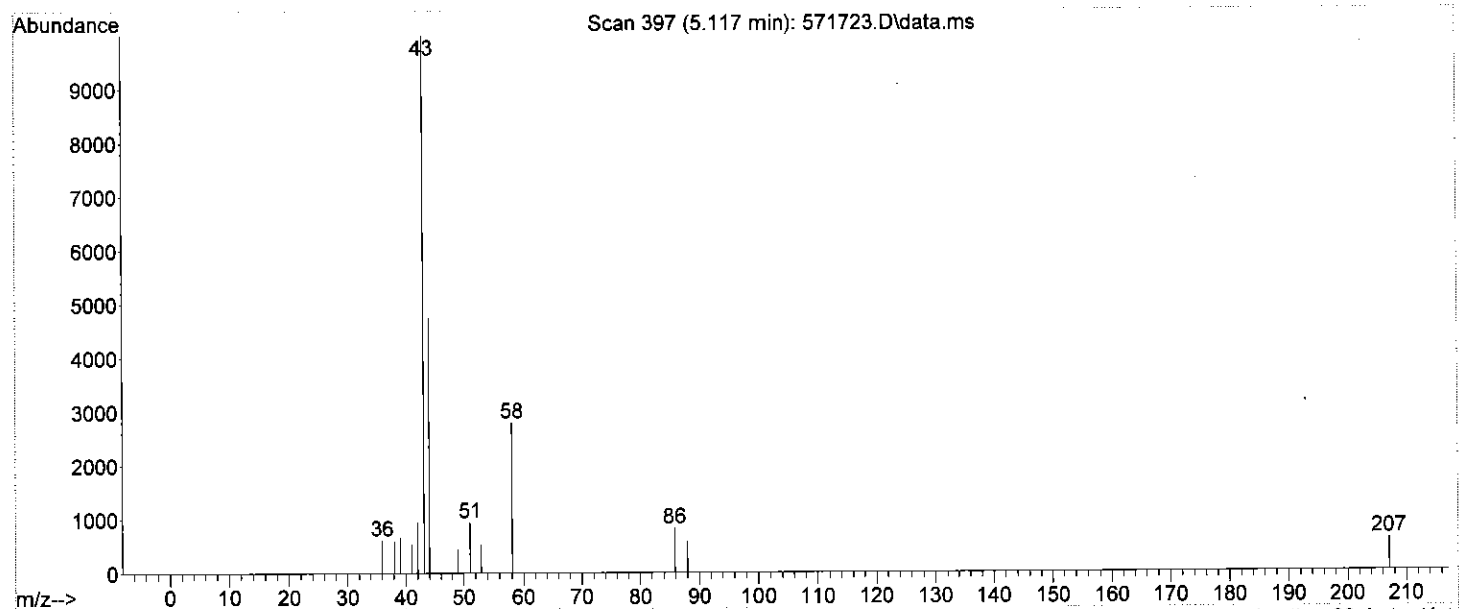
Quant Time: Jan 31 10:37:16 2018
 Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

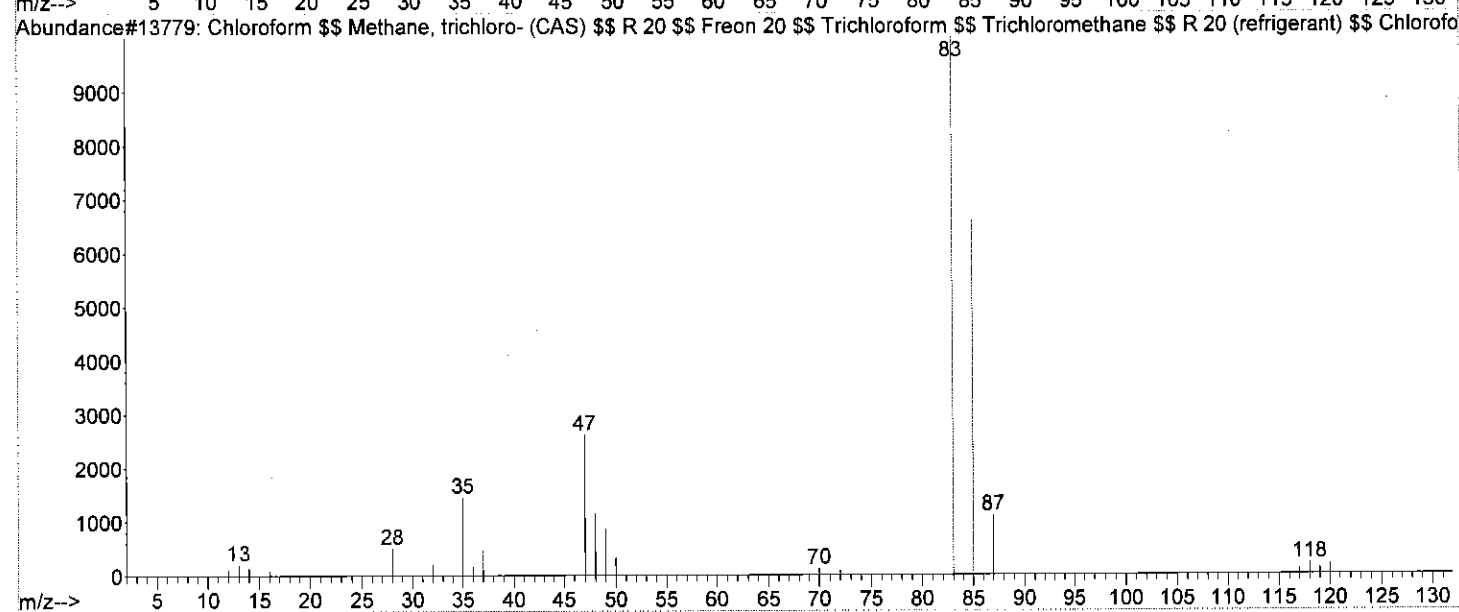
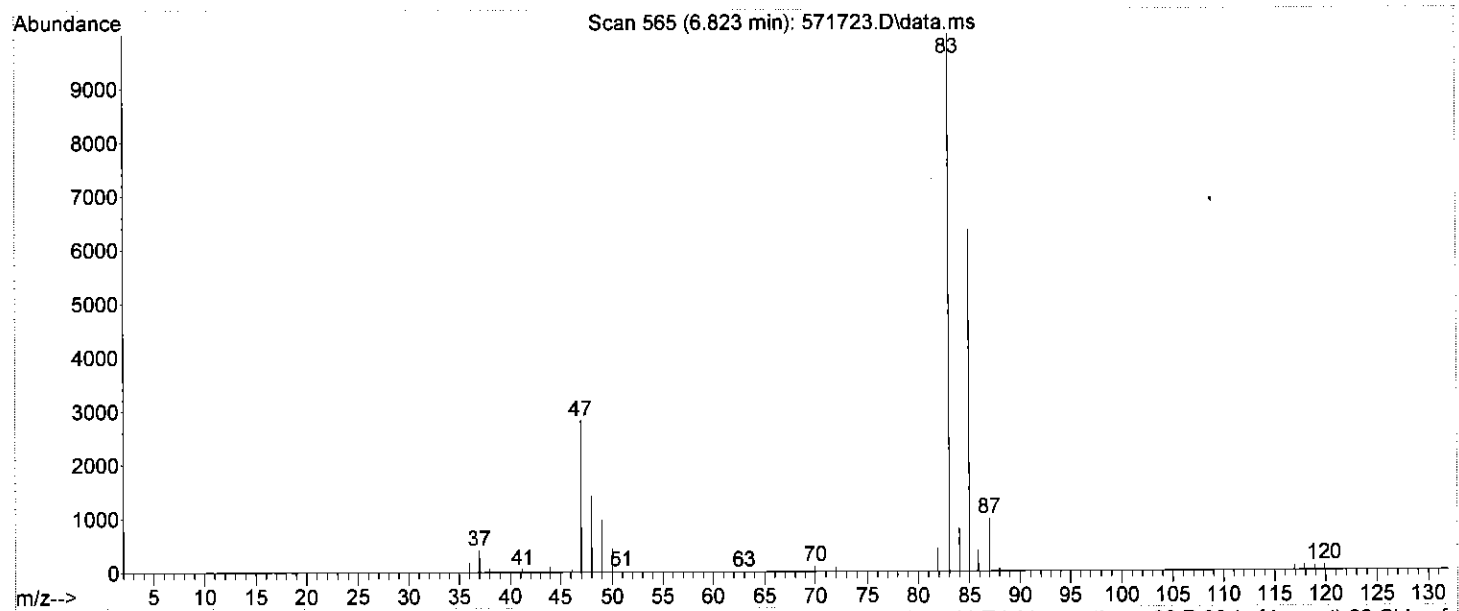
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 78

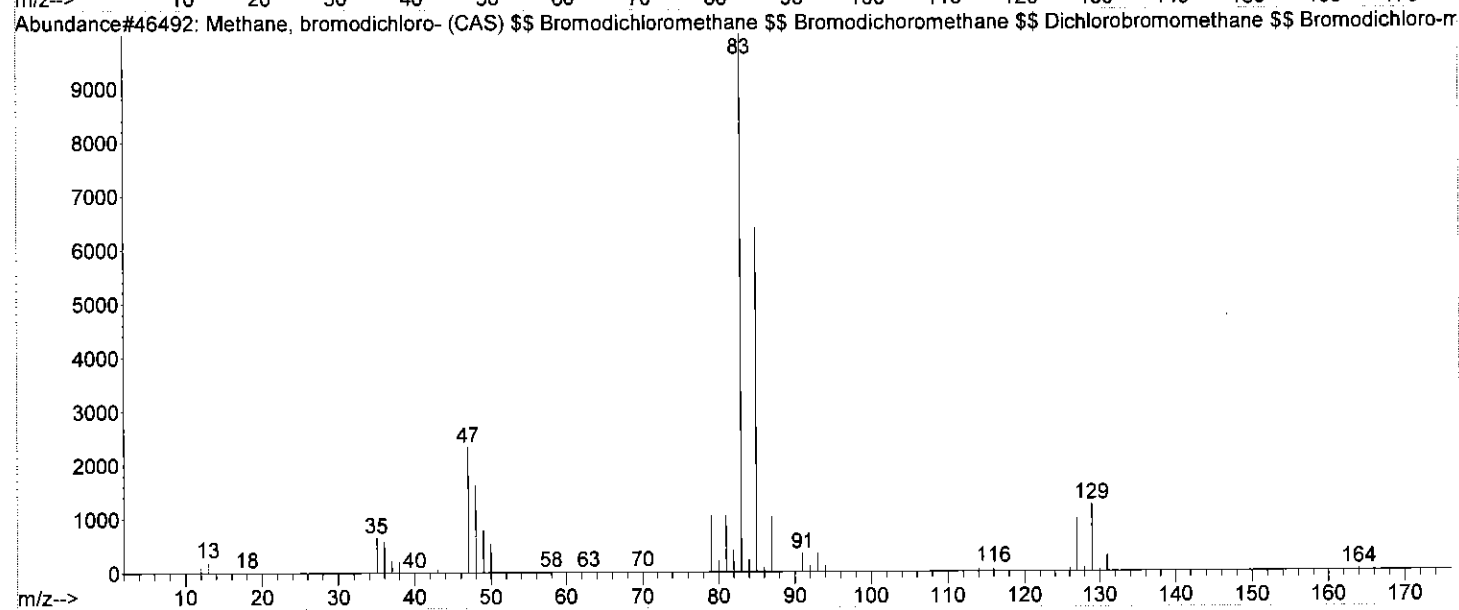
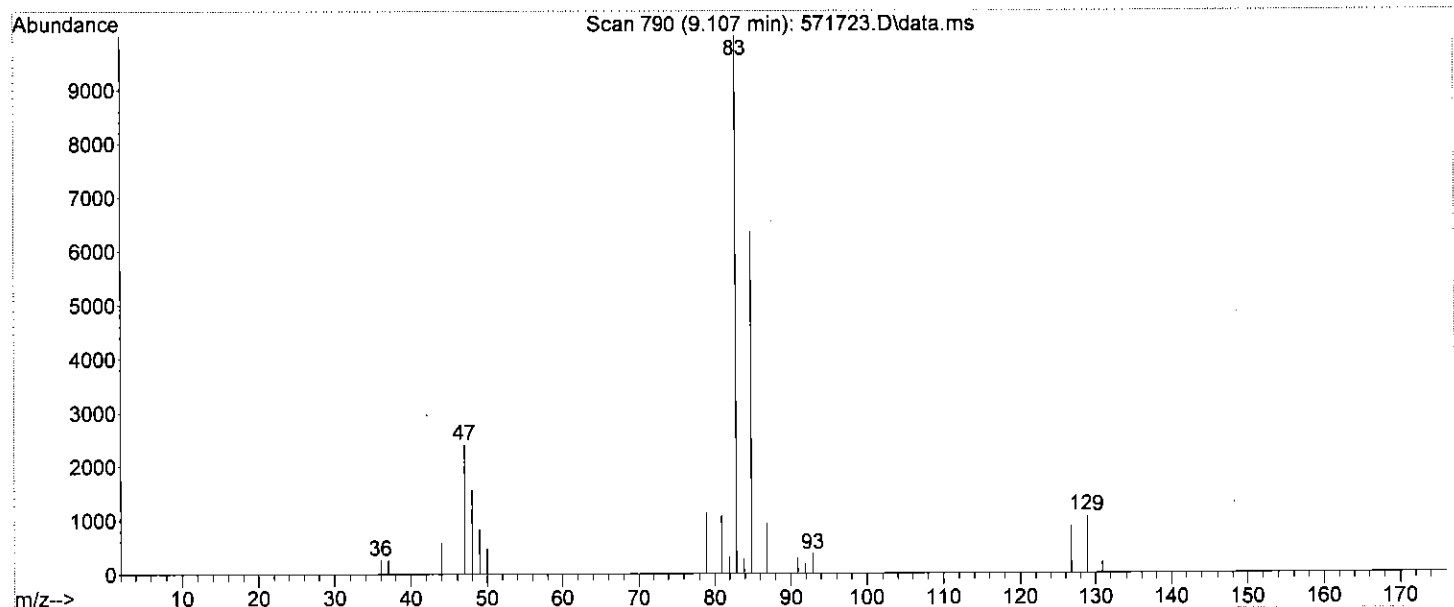
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 90

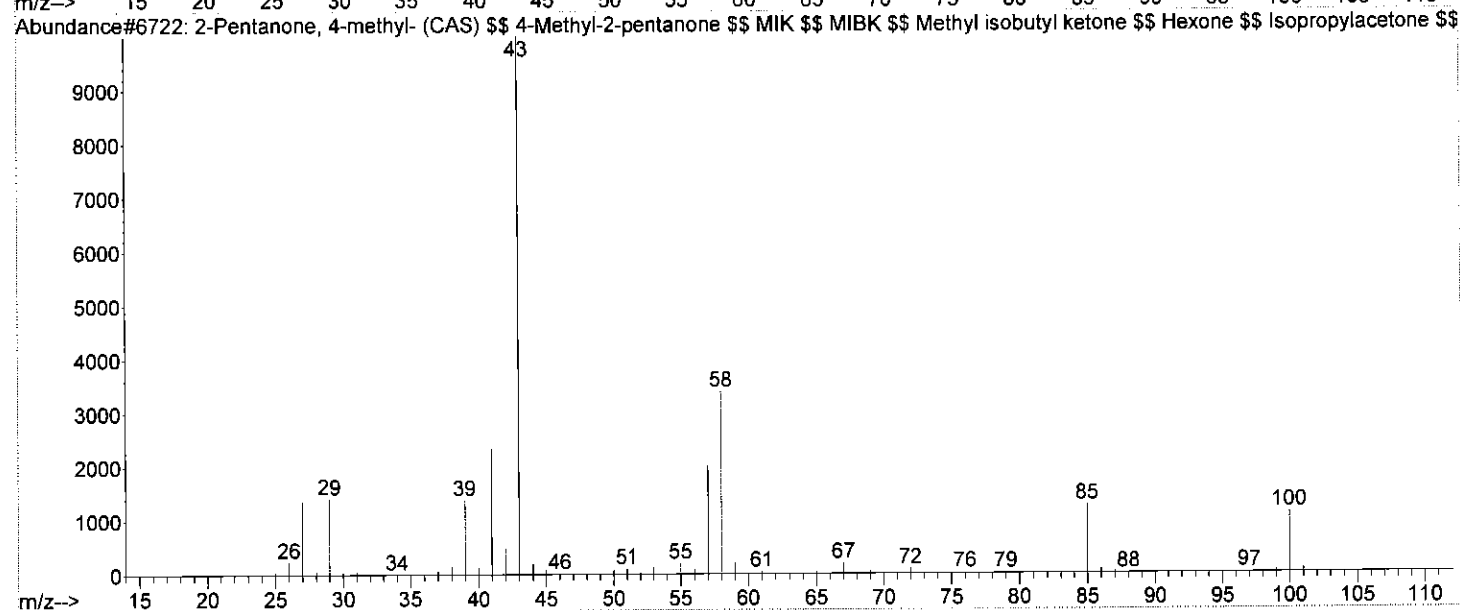
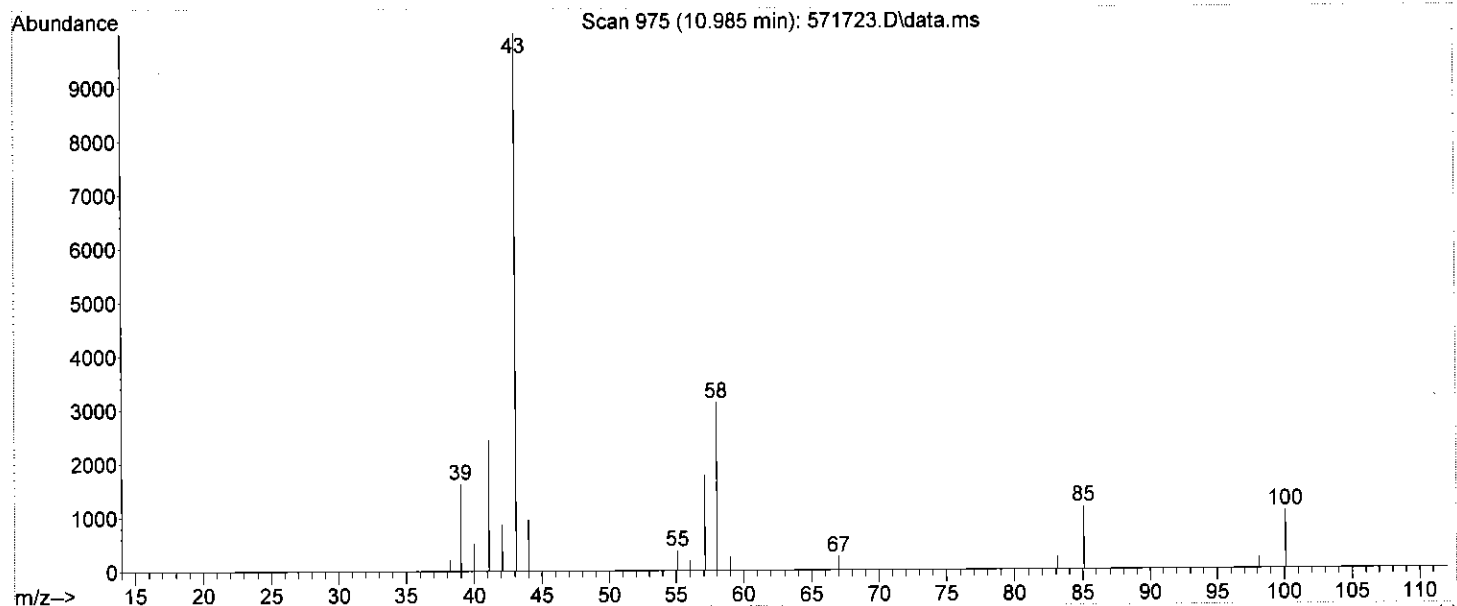
ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Library Searched : C:\Database\WILEY275.L

Quality : 87

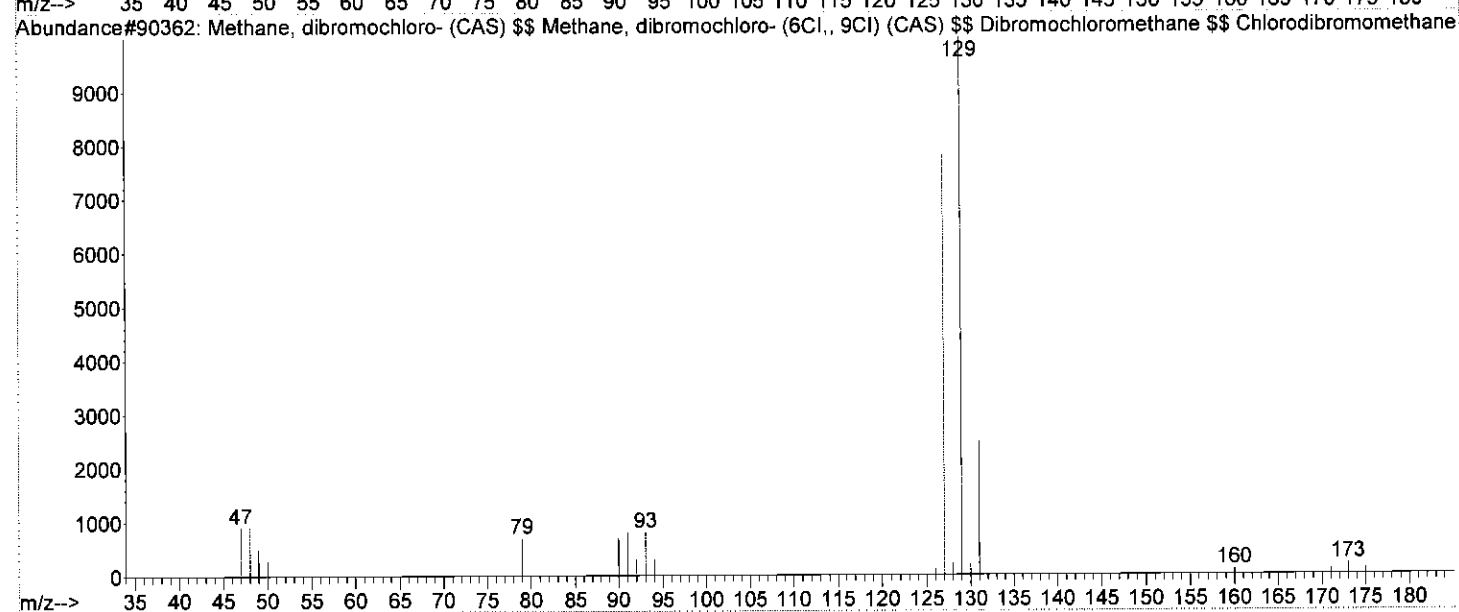
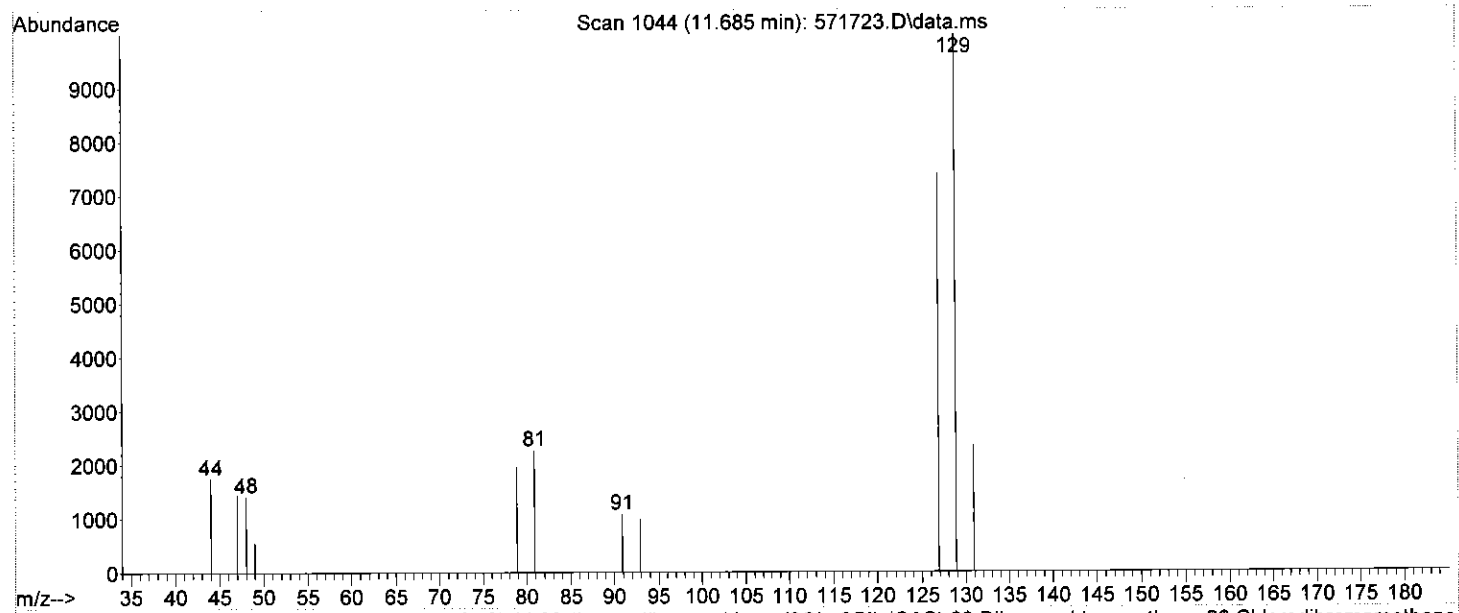
ID : 2-Pentanone, 4-methyl- (CAS) \$\$ 4-Methyl-2-pentanone \$\$ MIK \$\$ MIBK \$\$ Methyl
isobutyl ketone \$\$ Hexone \$\$ Isopropylacetone \$\$ 4,Methyl-2,pentanone \$\$ 2-Met
hyl-4-pentanone \$\$ 4-Methyl-2-oxopentane \$\$ Isobutyl methyl ketone \$\$ 2-Methyl
propyl methyl ketone



Library Searched : C:\Database\WILEY275.L

Quality : 78

ID : Methane, dibromochloro- (CAS) \$\$ Methane, dibromochloro- (6Cl,, 9Cl) (CAS) \$\$
Dibromochloromethane \$\$ Chlorodibromomethane \$\$ Monochlorodibromomethane \$\$ Di
bromomonochloromethane \$\$ CHClBr2 \$\$ Methane, chlorodibromo- \$\$ Cdbm \$\$ NCI-C5
5254



Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571724.D
 Acq On : 30 Jan 2018 7:04 pm
 Operator : KMOR
 Sample : 2795799
 Misc : RUN195721
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 31 10:38:53 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	206450	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	333135	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	282249	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128781	20.00	µg/L	#-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	151014	22.57	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 112.85%	
39) STOLUENE-D8	10.345	98	399433	20.36	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 101.80%	
59) S4BRFLUOROBENZENE	15.269	95	143187	18.74	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.70%	

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	549	N.D.		
6) CHLOROETHANE	3.808	64	67	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.117	43	7866	7.59	µg/L #	90
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.660	142	720	N.D.		
12) CARBON DISULFIDE	4.549	76	2087	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.168	96	333	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.142	43	79	N.D.		
18) 2-BUTANONE	7.198	43	627	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.833	83	10071	1.75	µg/L #	99
22) BROMOCHLOROMETHANE	6.823	49	1497	N.D.		
25) TETRAHYDROFURAN	7.005	42	140	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	0.000		0	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	621	N.D.		
30) BENZENE	7.584	78	69	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMEthane	9.107	83	1740	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	10.985	43	65	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.437	91	978	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	0.000		0	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571724.D
 Acq On : 30 Jan 2018 7:04 pm
 Operator : KMOR
 Sample : 2795799
 Misc : RUN195721
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 31 10:38:53 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.696	129	240	N.D.		
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.066	112	71	N.D.		
50) 1-CHLOROHEXANE	13.025	91	517	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.025	91	944	N.D.		
53) MP-XYLENE	13.330	91	354	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	925	N.D.		
63) N-PROPYLBENZENE	15.472	91	303	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	15.777	105	66	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	16.406	105	143	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	141	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	278	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	793	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.391	91	420	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.746	180	151	N.D.		
78) NAPHTHALENE	20.233	128	436	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	20.507	182	74	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571724.D
 Acq On : 30 Jan 2018 7:04 pm
 Operator : KMOR
 Sample : 2795799
 Misc : RUN195721
 ALS Vial : 25 Sample Multiplier: 1

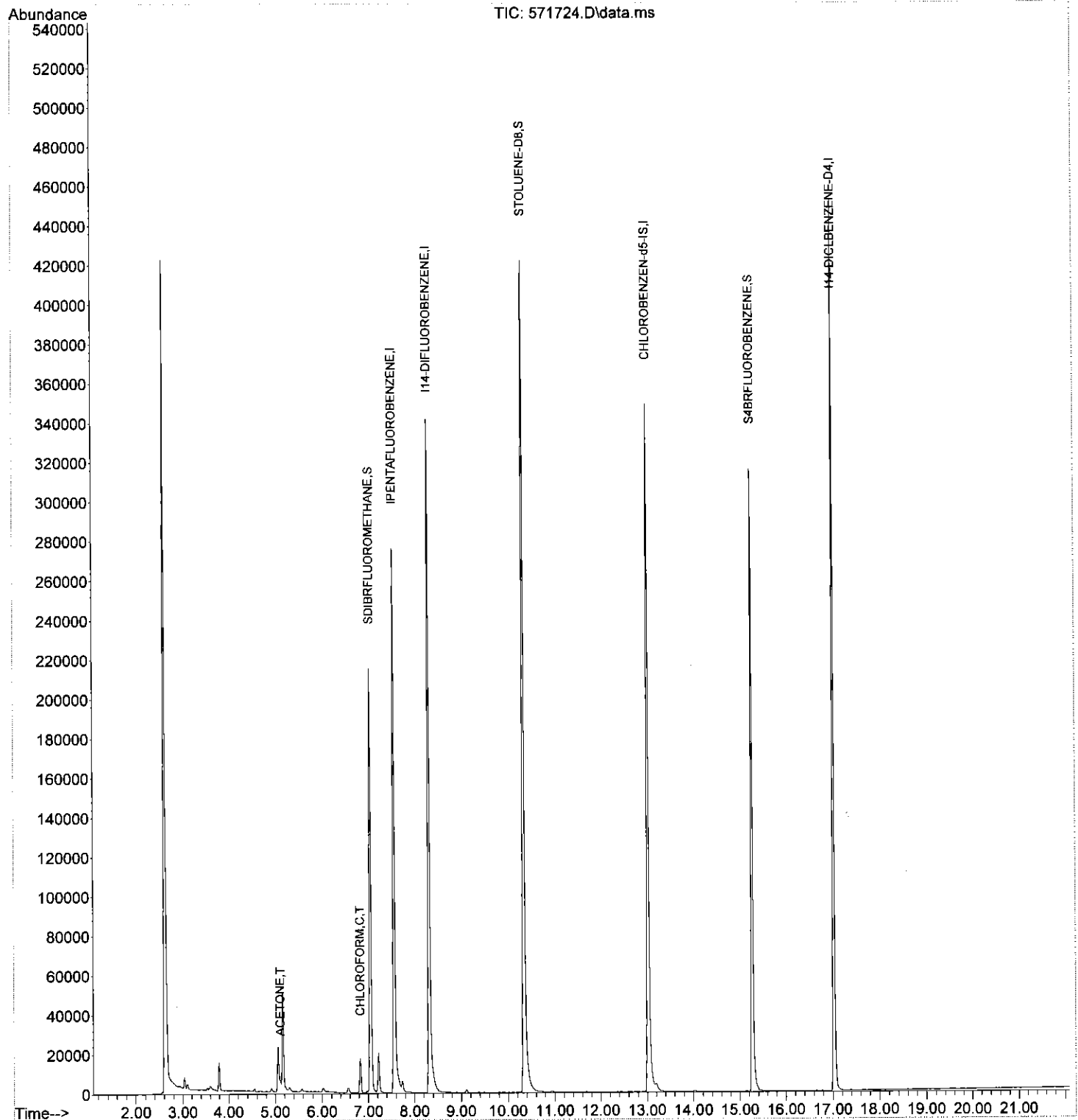
Quant Time: Jan 31 10:38:53 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

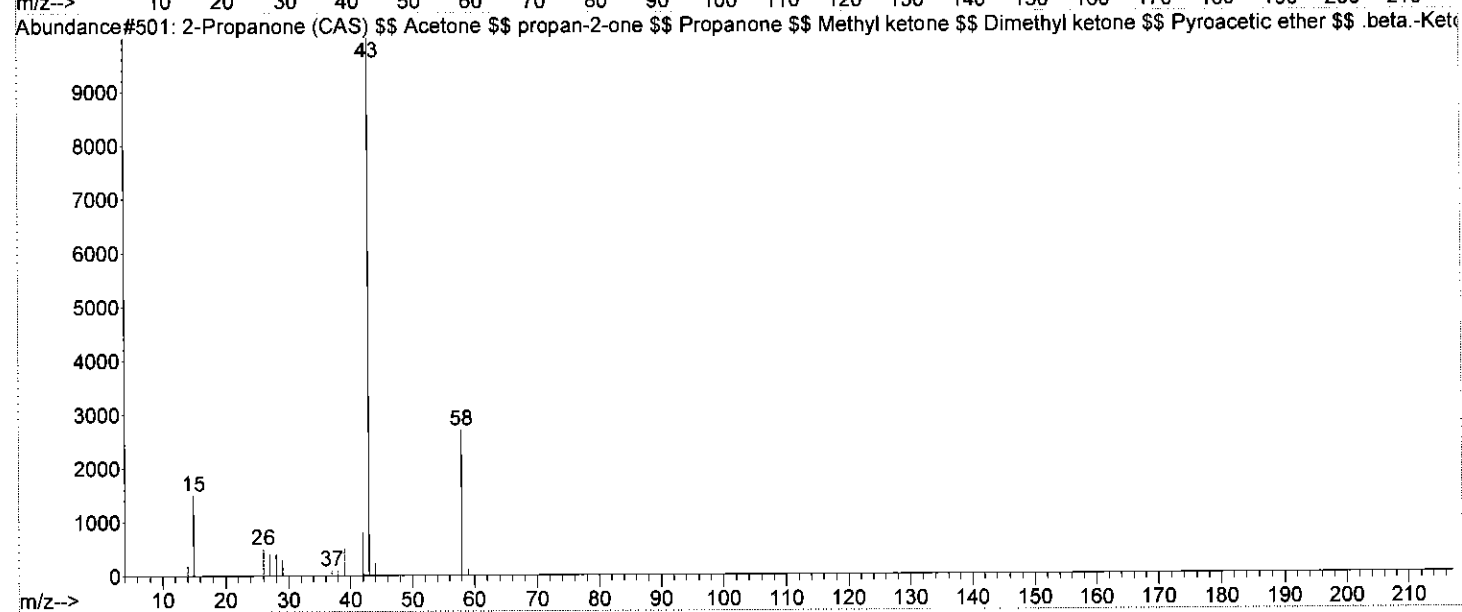
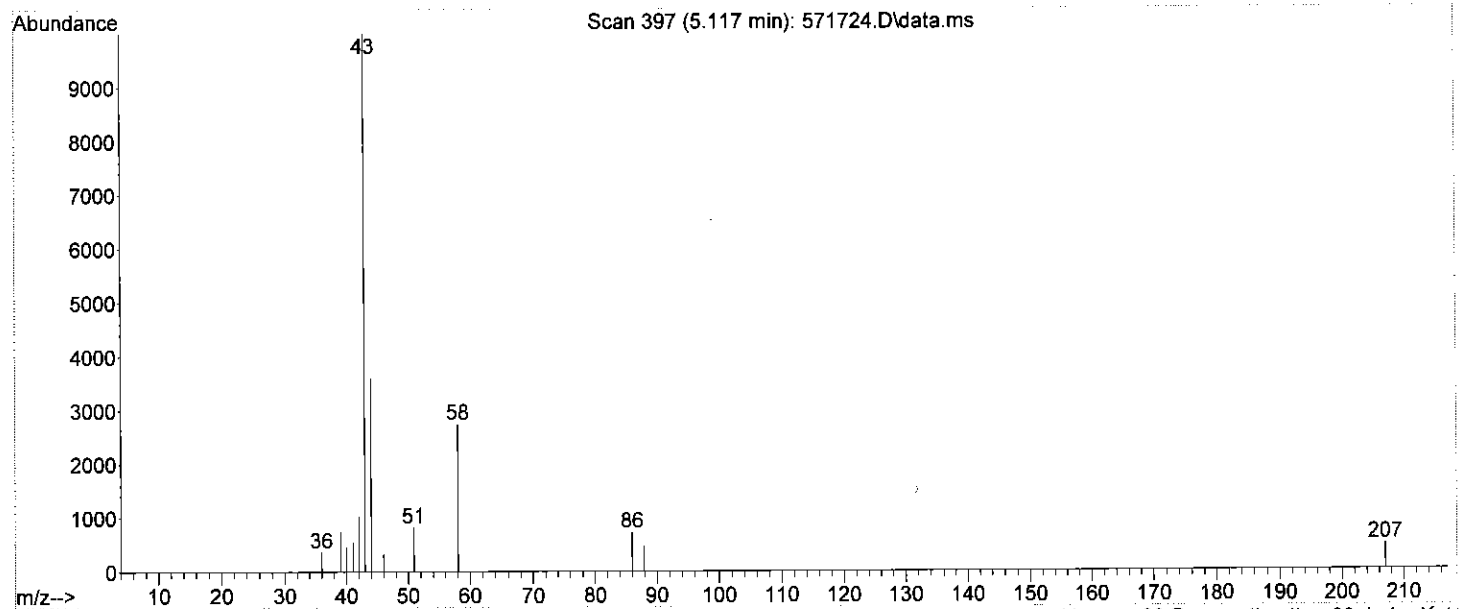
Response via : Initial Calibration



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Quality : 7

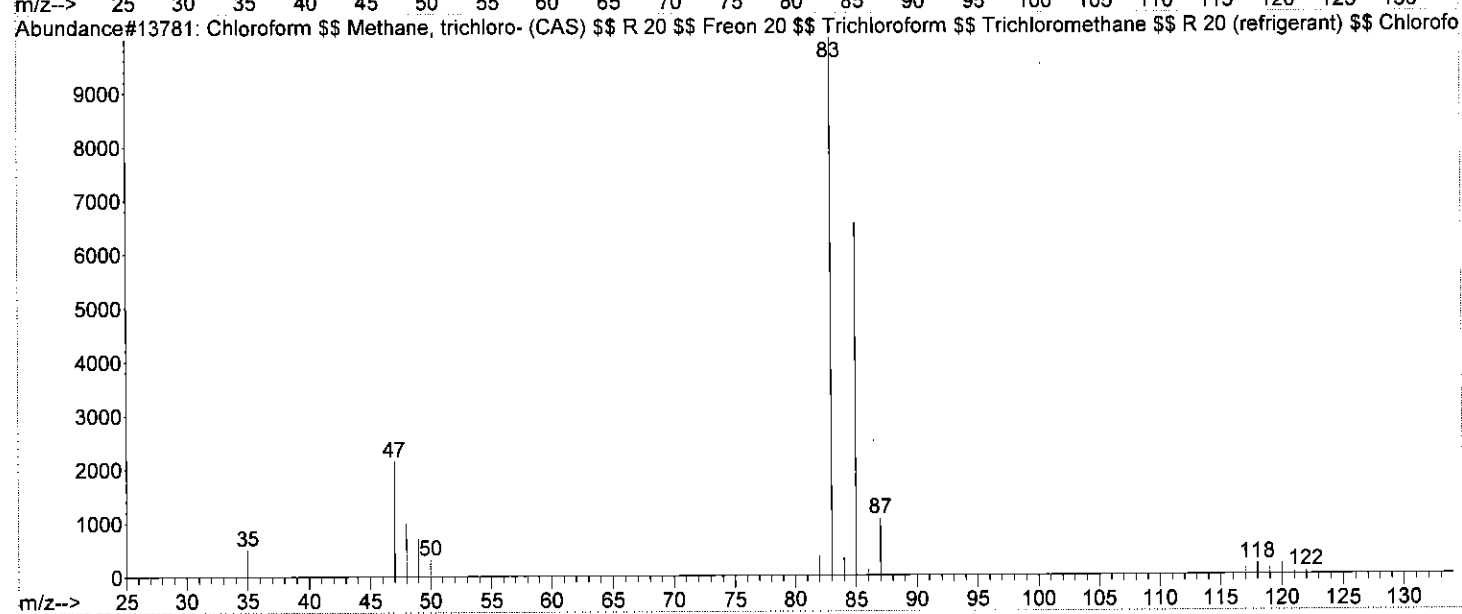
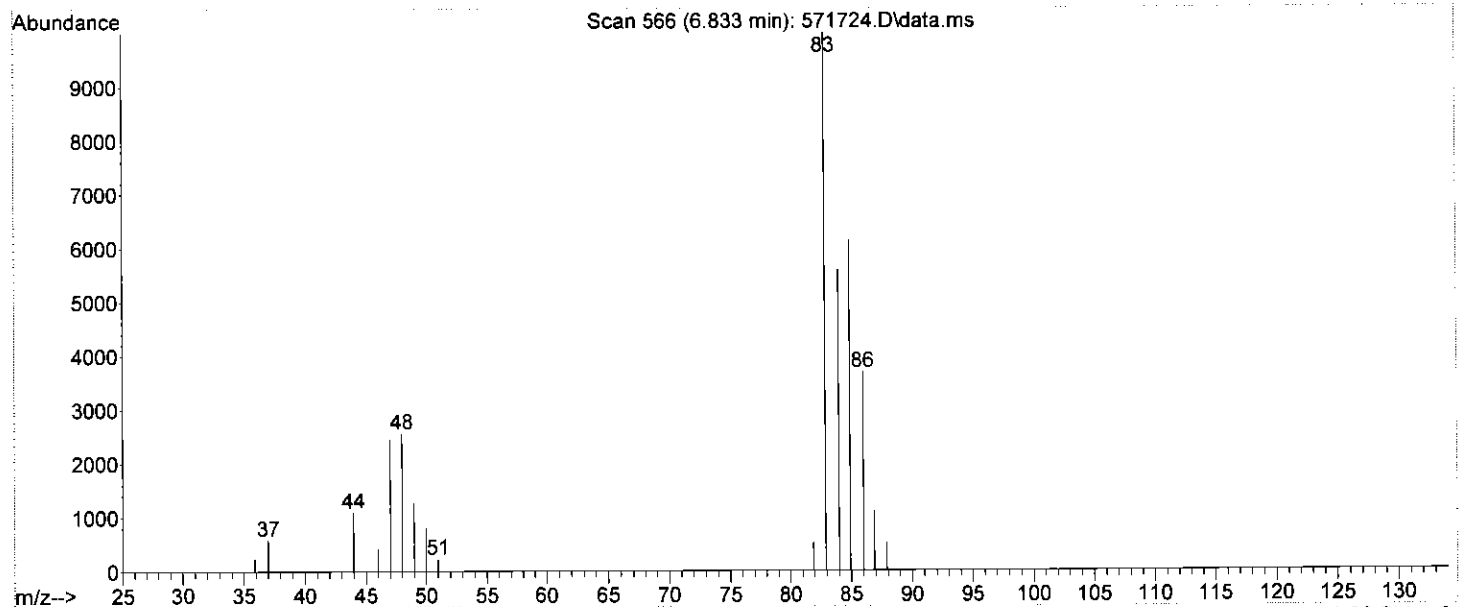
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 50

ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571725.D
 Acq On : 30 Jan 2018 7:30 pm
 Operator : KMOR
 Sample : 2795799MS/2800230
 Misc : RUN195721
 ALS Vial : 26 Sample Multiplier: 1

*Done - integration of peak by
 using online DL 01/31/18.*

Quant Time: Jan 31 10:40:26 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	211100	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	337292	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	312962	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	175554	20.00	µg/L	-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	157153	23.19	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	115.95%
39) STOLUENE-D8	10.345	98	404208	20.35	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.75%
59) S4BRFLUOROBENZENE	15.269	95	175058	20.66	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	2.843	85	56457	20.58	µg/L	99
3) CHLOROMETHANE	3.097	50	82984	24.70	µg/L	99
4) VINYL CHLORIDE	3.209	62	62811	21.95	µg/L	99
5) BROMOMETHANE	3.604	94	40130m	18.60	µg/L	
6) CHLOROETHANE	3.747	64	35719	22.80	µg/L	99
7) TRICLFLUOROMETHANE	3.899	101	118671	24.78	µg/L	98
8) ACROLEIN	4.813	56	31030	524.62	µg/L	99
9) ACETONE	5.117	43	135376	127.77	µg/L	98
10) 11-DICHLOROETHENE	4.467	61	59986	26.09	µg/L	94
11) IODOMETHANE	4.660	142	333568	97.04	µg/L	100
12) CARBON DISULFIDE	4.549	76	840366	135.23	µg/L	# 99
13) ACRYLONITRILE	5.970	53	158382	100.75	µg/L	99
14) DICHLOROMETHANE	5.076	84	50049m	23.27	µg/L	
15) TRANS12DICLETHENE	5.259	96	58102	23.87	µg/L	96
16) 11-DICHLOROETHANE	5.929	63	123391	24.74	µg/L	99
17) VINYL ACETATE	6.132	43	763159	96.98	µg/L	# 97
18) 2-BUTANONE	7.178	43	223199	99.76	µg/L	92
19) CIS12DICHLOROETHENE	6.538	96	59502	20.48	µg/L	# 80
20) 22-DICHLOROPROPANE	6.670	77	42419	11.66	µg/L	# 96
21) CHLOROFORM	6.833	83	151026	25.69	µg/L	99
22) BROMOCHLOROMETHANE	6.782	49	78951	23.45	µg/L	# 71
25) TETRAHYDROFURAN	7.066	42	75860	18.46	µg/L	89
26) 111-TRICHLOROETHANE	7.127	97	117051	22.83	µg/L	97
27) 11-DICHLOROPROPENE	7.259	75	77805	20.82	µg/L	# 86
28) 12-DICHLOROETHANE	7.828	62	120381	23.22	µg/L	# 98
29) CARBONTETRACHLORIDE	7.046	117	100938	23.80	µg/L	99
30) BENZENE	7.574	78	228564	20.56	µg/L	# 95
31) TRICHLOROETHENE	8.325	132	56730	19.75	µg/L	# 88
32) 12-DICHLOROPROPANE	9.046	63	65081	19.70	µg/L	# 95
33) DIBROMOMETHANE	8.924	174	39539	17.78	µg/L	# 78
34) BROMODICLMETHANE	9.107	83	100509	22.75	µg/L	98
35) 2-CLETHYLVINYLETHER	9.868	63	764	N.D.		
36) EPICHLOROHYDRIN	10.416	57	128740	335.50	µg/L	93
37) 4METHYL-2-PENTANONE	10.975	43	470477	95.36	µg/L	# 87
38) CIS13DICLPROPENE	10.051	75	70424	15.18	µg/L	90
40) TOLUENE	10.427	91	239937	18.70	µg/L	95
41) TRANS13DICLPROPENE	11.076	75	72023	15.64	µg/L	75
42) 112-TRICHLOROETHANE	11.350	97	63372	20.00	µg/L	# 87
43) 2-HEXANONE	12.416	43	295743	84.67	µg/L	# 89
44) 13-DICHLOROPROPANE	11.838	76	109272	19.65	µg/L	88

Quantitation Report (QT Reviewed)

Data Path : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571725.D
 Acq On : 30 Jan 2018 7:30 pm
 Operator : KMOR
 Sample : 2795799MS/2800230
 Misc : RUN195721
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 31 10:40:26 2018

Quant Method : G:\UsersData\UsersData\Kotero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18
M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	68553	17.63	µg/L	100
46) TETRACHLOROETHENE	11.086	166	56174	18.89	µg/L #	84
47) 12-DIBROMOETHANE	12.132	107	57102	18.04	µg/L	99
49) CHLOROBENZENE	13.056	112	162771	18.72	µg/L	81
50) 1-CHLOROHEXANE	12.954	91	68273	16.15	µg/L #	50
51) 1112-TETRACLETHANE	13.147	131	64077	19.99	µg/L	94
52) ETHYLBENZENE	13.066	91	276169	19.71	µg/L	96
53) MP-XYLENE	13.330	91	443060	38.00	µg/L	91
54) STYRENE	14.274	104	151595	17.92	µg/L	91
55) O-XYLENE	14.173	91	218214	18.41	µg/L	93
56) BROMOFORM	14.355	173	45405	14.61	µg/L	98
57) 1122-TETRACLETHANE	15.584	83	108940	19.29	µg/L	98
58) ISOPROPYL BENZENE	14.751	105	253716	18.97	µg/L	92
60) 123-TRICLPROPANE	15.817	110	30375	18.56	µg/L	91
61) TRANS14DICL2BUTENE	15.868	53	51198	67.81	µg/L #	75
62) BROMOBENZENE	15.462	77	143989	20.07	µg/L	75
63) N-PROPYLBENZENE	15.472	91	316051	19.41	µg/L	92
64) 2-CHLOROTOLUENE	15.756	91	224935	19.20	µg/L	83
65) 4-CHLOROTOLUENE	16.010	91	199993	19.32	µg/L	87
66) 135TRIMETHYLBENZENE	15.777	105	242273	19.64	µg/L	91
67) TERT-BUTYLBENZENE	16.294	119	186466	19.32	µg/L	88
68) 124TRIMETHYLBENZENE	16.396	105	229404	19.04	µg/L	92
69) SEC-BUTYLBENZENE	16.568	105	269975	19.85	µg/L	98
70) 13-DICHLOROBENZENE	16.924	146	113739	17.73	µg/L	94
72) 4-ISOPROPYLTOLUENE	16.771	119	217264	18.65	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	129147	19.36	µg/L #	84
74) 12-DICHLOROBENZENE	17.655	146	125464	18.50	µg/L	93
75) N-BUTYLBENZENE	17.381	91	200607	18.85	µg/L	94
76) 12-DIBR-3CLPROPANE	18.771	157	14916	13.81	µg/L	92
77) 124-TRICLBENZENE	19.736	180	70578	17.03	µg/L #	93
78) NAPHTHALENE	20.213	128	197620	16.01	µg/L	99
79) HEXACHLOROBUTADIENE	19.665	225	28677	16.94	µg/L	98
80) 123-TRICLBENZENE	20.497	182	70046	17.11	µg/L	95

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

Quantitation Report (QT Reviewed)

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Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
Data File : 571725.D
Acq On    : 30 Jan 2018    7:30 pm
Operator  : KMOR
Sample    : 2795799MS/2800230
Misc      : RUN195721
ALS Vial  : 26    Sample Multiplier: 1
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Quant Time: Jan 31 10:40:26 2018

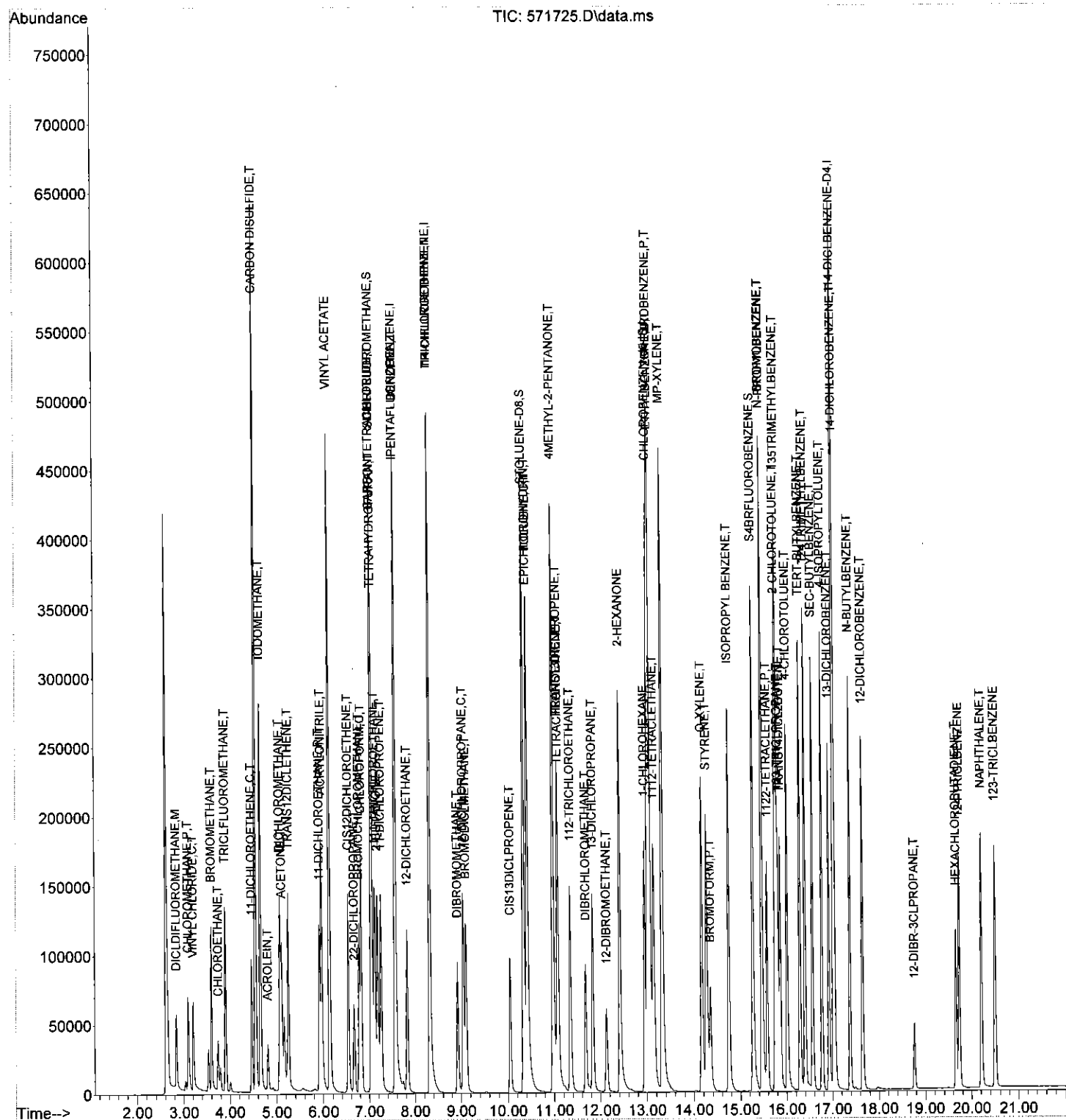
Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571727.D
 Acq On : 30 Jan 2018 8:22 pm
 Operator : KMOR
 Sample : LFB/2800037
 Misc : RUN195717
 ALS Vial : 28 Sample Multiplier: 1

*① Poor integration of peak due
 computer data system. DL 01/31/18.
 ② Over-integration of peak due*

Quant Time: Jan 31 10:50:09 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

*noisy baseline. DL
 01/31/18.*

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	278136m	20.00	µg/L	-0.08
23) I14-DIFLUOROBENZENE	8.315	114	379279	20.00	µg/L	-0.08
48) CHLOROBENZENE-d5-IS	13.025	117	346146	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	190273	20.00	µg/L	-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	172483	22.64	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	113.20%
39) STOLUENE-D8	10.345	98	458319	20.52	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	102.60%
59) S4BRFLUOROBENZENE	15.269	95	192071	20.49	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	102.45%

Target Compounds

					Qvalue
2) DICLDIFLUOROMETHANE	2.833	85	78092	21.61 µg/L	98
3) CHLOROMETHANE	3.097	50	99356m	22.44 µg/L	
4) VINYL CHLORIDE	3.210	62	85599	22.70 µg/L	99
5) BROMOMETHANE	3.594	94	61530	21.87 µg/L	97
6) CHLOROETHANE	3.736	64	45546	22.06 µg/L	99
7) TRICLFLUOROMETHANE	3.899	101	129748m	20.56 µg/L	
8) ACROLEIN	4.813	56	42020	539.21 µg/L	99
9) ACETONE	5.117	43	131417	94.14 µg/L	# 99
10) 11-DICHLOROETHENE	4.467	61	63171	20.85 µg/L	94
11) IODOMETHANE	4.660	142	426180	94.10 µg/L	98
12) CARBON DISULFIDE	4.549	76	865194	105.67 µg/L	# 99
13) ACRYLONITRILE	5.970	53	167166	80.70 µg/L	99
14) DICHLOROMETHANE	5.076	84	66738m	23.55 µg/L	
15) TRANS12DICLETHENE	5.259	96	60021	18.71 µg/L	99
16) 11-DICHLOROETHANE	5.929	63	125245	19.06 µg/L	100
17) VINYL ACETATE	6.132	43	798419	77.01 µg/L	# 96
18) 2-BUTANONE	7.178	43	237066	80.42 µg/L	93
19) CIS12DICHLOROETHENE	6.538	96	65454	17.10 µg/L	# 82
20) 22-DICHLOROPROPANE	6.670	77	91210m	19.03 µg/L	
21) CHLOROFORM	6.823	83	154869	19.99 µg/L	# 100
22) BROMOCHLOROMETHANE	6.782	49	83792	18.89 µg/L	# 72
25) TETRAHYDROFURAN	7.066	42	81421	17.62 µg/L	91
26) 111-TRICHLOROETHANE	7.117	97	119235	20.69 µg/L	95
27) 11-DICHLOROPROPENE	7.259	75	81500	19.39 µg/L	# 87
28) 12-DICHLOROETHANE	7.828	62	126252	21.65 µg/L	# 98
29) CARBONTETRACHLORIDE	7.046	117	102022	21.40 µg/L	99
30) BENZENE	7.574	78	240335	19.23 µg/L	# 95
31) TRICHLOROETHENE	8.325	132	59622	18.46 µg/L	# 89
32) 12-DICHLOROPROPANE	9.046	63	70814	19.06 µg/L	96
33) DIBROMOMETHANE	8.924	174	44763	17.90 µg/L	# 80
34) BROMODICLMETHANE	9.107	83	102701	20.68 µg/L	99
35) 2-CLETHYLVINYLEETHER	9.888	63	175618	78.90 µg/L	# 89
36) EPICHLOROHYDRIN	10.416	57	226749m	25.50 µg/L	
37) 4METHYL-2-PENTANONE	10.975	43	501487	90.39 µg/L	# 88
38) CIS13DICLPROPENE	10.041	75	85750	16.44 µg/L	88
40) TOLUENE	10.427	91	254104	17.61 µg/L	96
41) TRANS13DICLPROPENE	11.076	75	78645	15.18 µg/L	79
42) 112-TRICHLOROETHANE	11.350	97	68578	19.25 µg/L	88
43) 2-HEXANONE	12.416	43	314146	79.98 µg/L	# 90
44) 13-DICHLOROPROPANE	11.838	76	119596	19.13 µg/L	90

Data Path : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Data\195717R\
 Data File : 571727.D
 Acq On : 30 Jan 2018 8:22 pm
 Operator : KMOR
 Sample : LFB/2800037
 Misc : RUN195717
 ALS Vial : 28 Sample Multiplier: 1

*0 poor integration of peak by
 computer data system. DR
 01/31/13.*

Quant Time: Jan 31 10:50:09 2018

Quant Method : G:\UsersData\UsersData\K0tero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) DIBRCHLOROMETHANE	11.685	129	72968	16.69	µg/L	99
46) TETRACHLOROETHENE	11.086	166	60258	18.02	µg/L #	86
47) 12-DIBROMOETHANE	12.132	107	63446	17.83	µg/L	99
49) CHLOROBENZENE	13.056	112	173569	18.05	µg/L	81
50) 1-CHLOROHEXANE	12.954	91	74202	15.87	µg/L #	52
51) 1112-TETRACLETHANE	13.147	131	67620	19.07	µg/L	93
52) ETHYLBENZENE	13.066	91	288577	18.62	µg/L	96
53) MP-XYLENE	13.330	91	467733	36.27	µg/L	91
54) STYRENE	14.274	104	165608	17.70	µg/L	92
55) O-XYLENE	14.173	91	232036	17.70	µg/L	94
56) BROMOFORM	14.355	173	49212	14.31	µg/L	99
57) 1122-TETRACLETHANE	15.584	83	114454	18.33	µg/L	99
58) ISOPROPYL BENZENE	14.751	105	266229	17.99	µg/L	93
60) 123-TRICLPROPANE	15.817	110	32571	17.99	µg/L	92
61) TRANS14DICL2BUTENE	15.868	53	84547m	101.24	µg/L	
62) BROMOBENZENE	15.462	77	152161	19.18	µg/L	76
63) N-PROPYLBENZENE	15.472	91	330506	18.36	µg/L	92
64) 2-CHLOROTOLUENE	15.756	91	236577	18.25	µg/L	84
65) 4-CHLOROTOLUENE	16.010	91	209708	18.31	µg/L	89
66) 135TRIMETHYLBENZENE	15.777	105	250014	18.32	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	193466	18.12	µg/L	88
68) 124TRIMETHYLBENZENE	16.396	105	239026	17.94	µg/L	93
69) SEC-BUTYLBENZENE	16.558	105	279761	18.59	µg/L	96
70) 13-DICHLOROBENZENE	16.924	146	121879	17.17	µg/L	95
72) 4-ISOPROPYLTOLUENE	16.771	119	228524	18.09	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	135258	18.71	µg/L #	84
74) 12-DICHLOROBENZENE	17.655	146	133991	18.22	µg/L	93
75) N-BUTYLBENZENE	17.381	91	207892	18.02	µg/L	95
76) 12-DIBR-3CLPROPANE	18.771	157	23146m	19.77	µg/L	
77) 124-TRICLBENZENE	19.736	180	76633	17.06	µg/L #	95
78) NAPHTHALENE	20.213	128	219690	16.42	µg/L	99
79) HEXACHLOROBUTADIENE	19.665	225	31675	17.26	µg/L	98
80) 123-TRICLBENZENE	20.497	182	76633	17.27	µg/L	97

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

Quantitation Report (QT Reviewed)

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Data Path : G:\UsersData\UsersData\KOtero\Exported Data & Methods\V7\Data\195717R\
Data File : 571727.D
Acq On    : 30 Jan 2018    8:22 pm
Operator  : KMOR
Sample    : LFB/2800037
Misc      : RUN195717
ALS Vial  : 28    Sample Multiplier: 1
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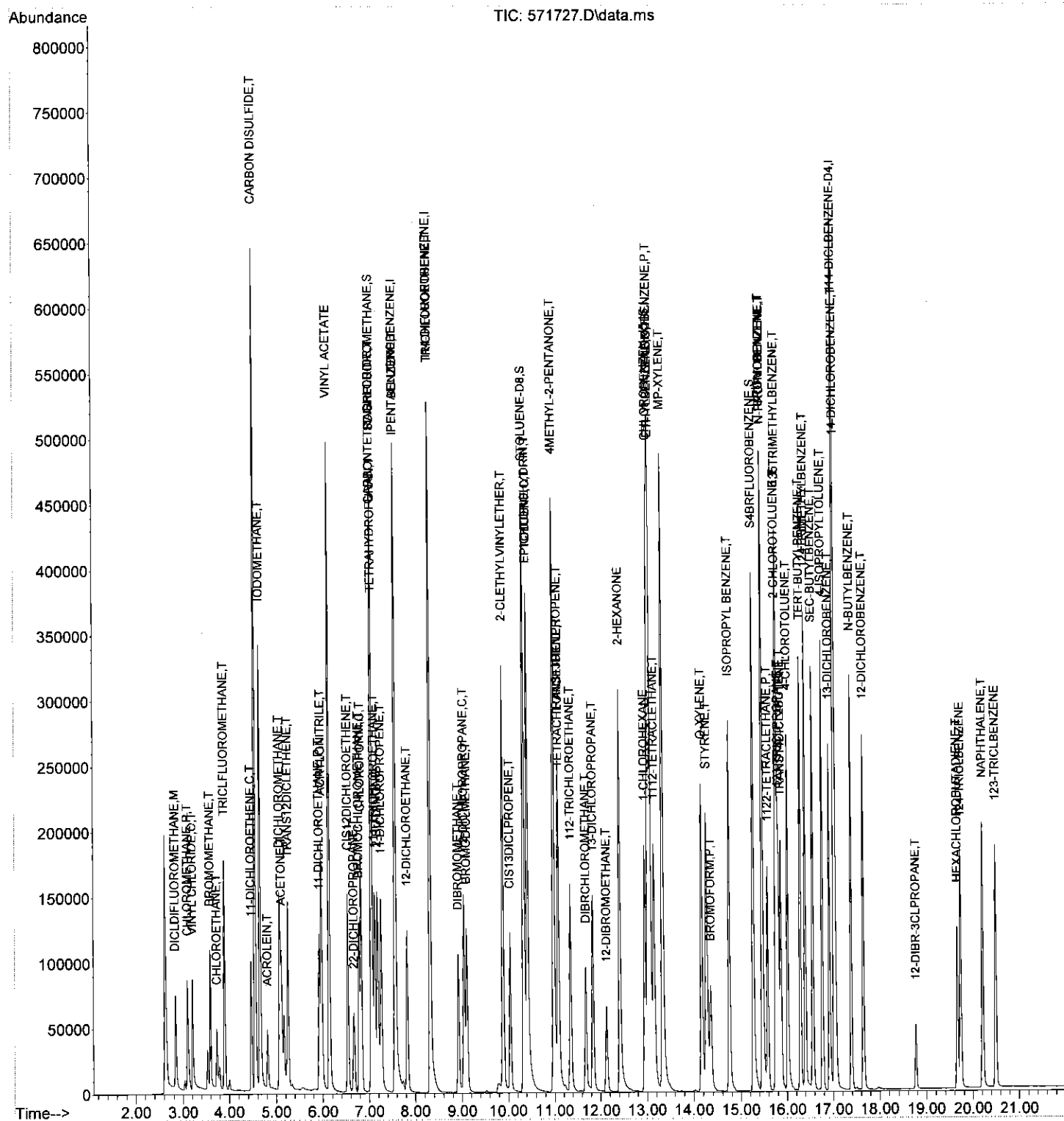
Quant Time: Jan 31 10:50:09 2018

Quant Method : G:\UsersData\UsersData\KOTero\Exported Data & Methods\V7\Methods\8260VOC-JAN2-LIQ-18

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

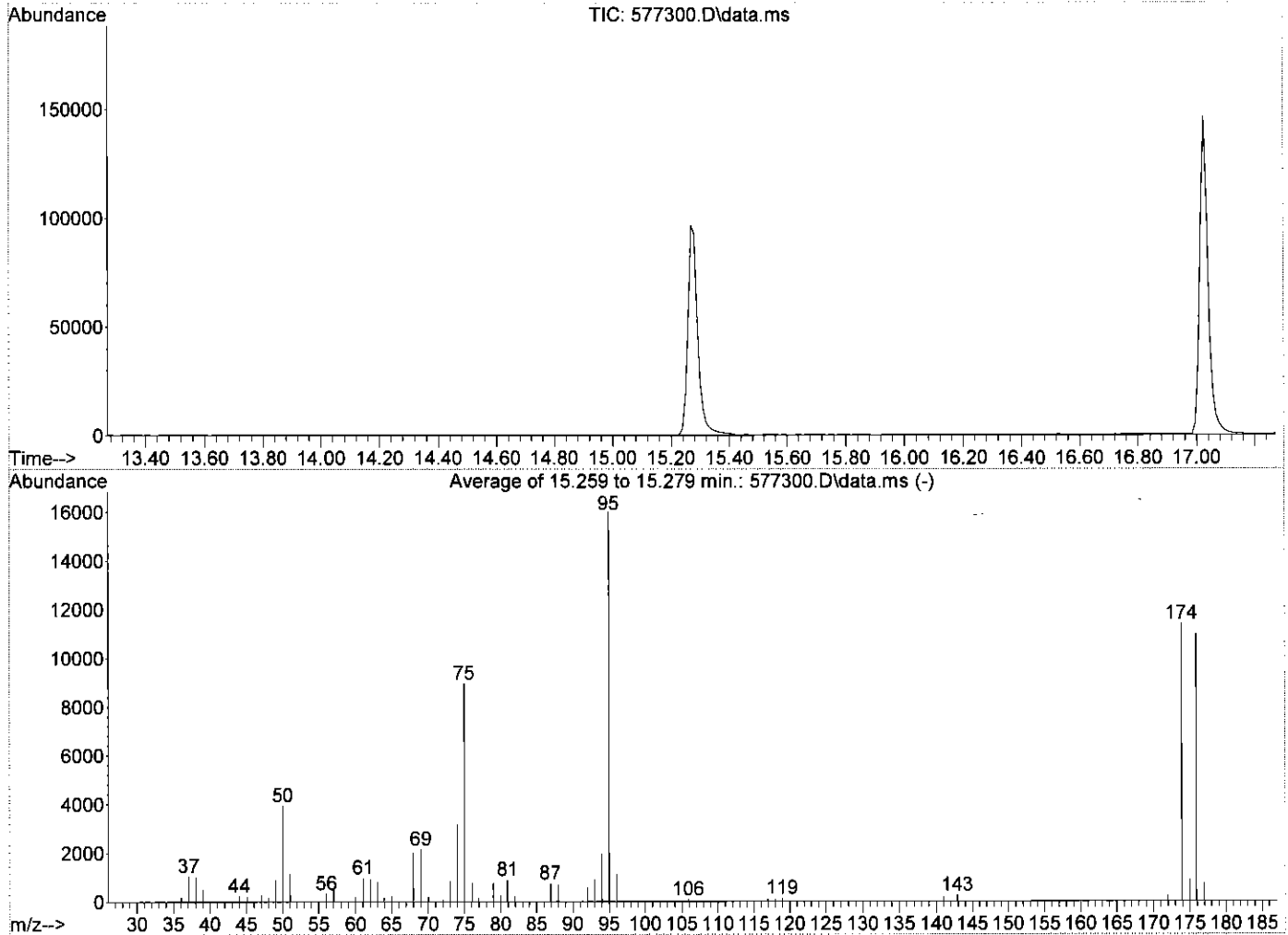


Method VOC

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577300.D
 Acq On : 31 Jan 2018 1:34 pm
 Operator : KMOR
 Sample : BFB
 Misc : RUN195773
 ALS Vial : 1 Sample Multiplier: 1

Integration File: VOC.P

Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 Last Update : Thu Jan 25 13:53:13 2018



AutoFind: Scans 1396, 1397, 1398; Background Corrected with Scan 1391

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	24.6	3939	PASS
75	95	30	60	55.9	8952	PASS
95	95	100	100	100.0	16026	PASS
96	95	5	9	6.9	1109	PASS
173	174	0.00	2	0.3	38	PASS
174	95	50	150	71.1	11395	PASS
175	174	5	9	7.9	899	PASS
176	174	95	101	96.4	10987	PASS
177	176	5	9	6.7	735	PASS

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577301.D
 Acq On : 31 Jan 2018 2:00 pm
 Operator : KMOR
 Sample : LRB/2801071
 Misc : RUN195773
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 09:09:16 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	201505	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	328343	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	274096	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	128881	20.00	µg/L	-0.09

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	153447	23.26	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	= 116.30%	
39) STOLUENE-D8	10.345	98	385300	19.93	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.65%	
59) S4BRFLUOROBENZENE	15.269	95	139289	18.77	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	= 93.85%	

Target Compounds					Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.	
3) CHLOROMETHANE	0.000		0	N.D.	d
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.604	94	412	N.D.	
6) CHLOROETHANE	0.000		0	N.D.	d
7) TRICLFLUOROMETHANE	0.000		0	N.D.	
8) ACROLEIN	0.000		0	N.D.	
9) ACETONE	0.000		0	N.D.	d
10) 11-DICHLOROETHENE	0.000		0	N.D.	
11) IODOMETHANE	4.660	142	247	N.D.	
12) CARBON DISULFIDE	4.549	76	582	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	0.000		0	N.D.	d
15) TRANS12DICLETHENE	5.178	96	356	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.564	43	344	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	6.833	83	500	N.D.	
22) BROMOCHLOROMETHANE	6.823	49	699	N.D.	
25) TETRAHYDROFURAN	0.000		0	N.D.	
26) 111-TRICHLOROETHANE	0.000		0	N.D.	
27) 11-DICHLOROPROPENE	0.000		0	N.D.	
28) 12-DICHLOROETHANE	0.000		0	N.D.	
29) CARBONTETRACHLORIDE	6.985	117	592	N.D.	
30) BENZENE	0.000		0	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	0.000		0	N.D.	
33) DIBROMOMETHANE	0.000		0	N.D.	
34) BROMODICLMEthane	0.000		0	N.D.	
35) 2-CLETHYLVINYLEETHER	0.000		0	N.D.	
36) EPICHLOROHYDRIN	0.000		0	N.D.	d
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	0.000		0	N.D.	
41) TRANS13DICLPROPENE	0.000		0	N.D.	
42) 112-TRICHLOROETHANE	0.000		0	N.D.	
43) 2-HEXANONE	0.000		0	N.D.	
44) 13-DICHLOROPROPANE	0.000		0	N.D.	
45) DIBRCHLOROMETHANE	0.000		0	N.D.	

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577301.D
 Acq On : 31 Jan 2018 2:00 pm
 Operator : KMOR
 Sample : LRB/2801071
 Misc : RUN195773
 ALS Vial : 2 Sample Multiplier: 1

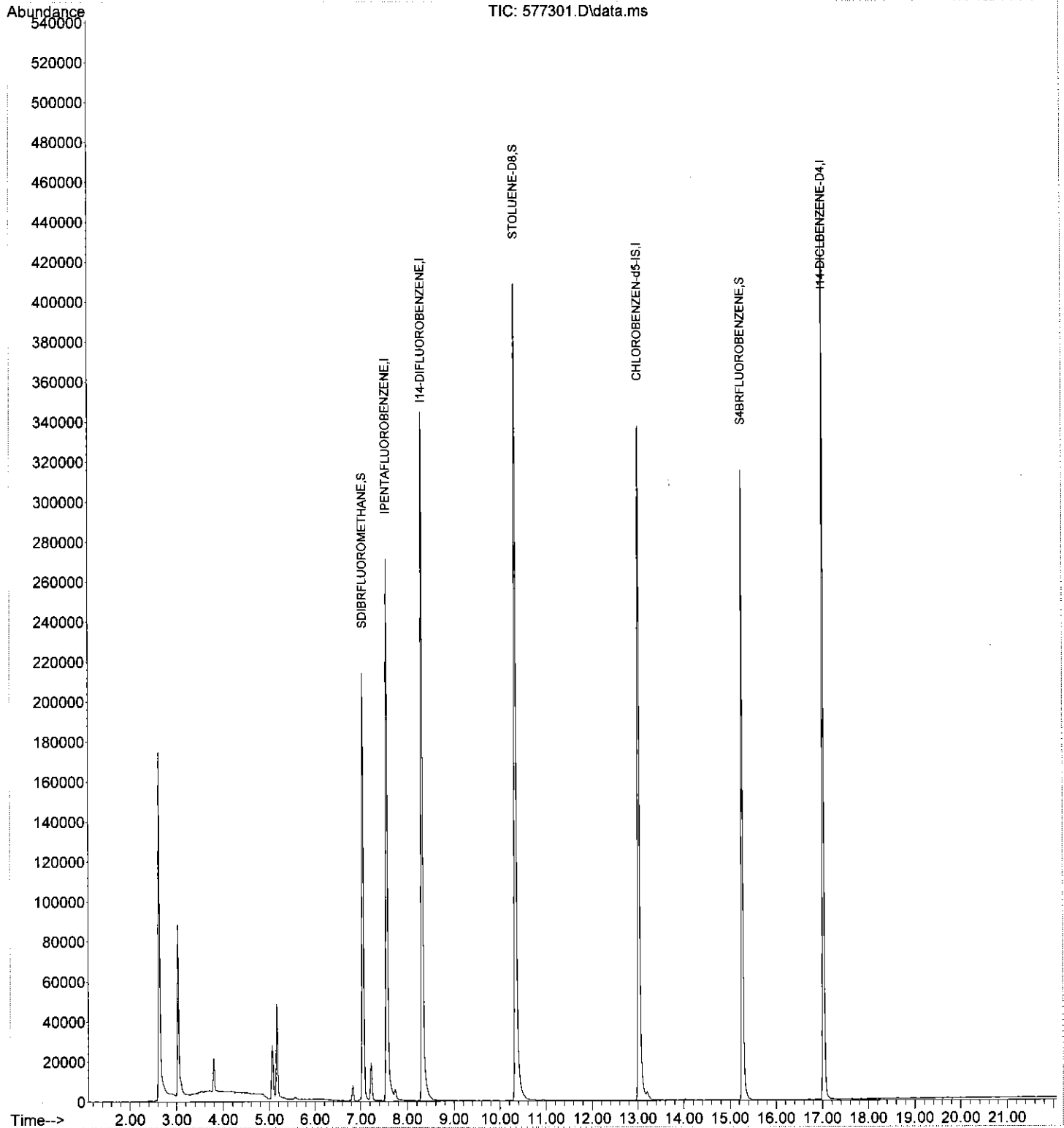
Quant Time: Feb 01 09:09:16 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	13.015	91	562	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.015	91	562	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	0.000		0	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	0.000		0	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.269	77	853	N.D.		
63) N-PROPYLBENZENE	15.269	91	527	N.D.		
64) 2-CHLOROTOLUENE	0.000		0	N.D.		
65) 4-CHLOROTOLUENE	0.000		0	N.D.		
66) 135TRIMETHYLBENZENE	0.000		0	N.D.		
67) TERT-BUTYLBENZENE	0.000		0	N.D.		
68) 124TRIMETHYLBENZENE	0.000		0	N.D.		
69) SEC-BUTYLBENZENE	0.000		0	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	0.000		0	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	0.000		0	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	0.000		0	N.D.		
78) NAPHTHALENE	0.000		0	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D.		
80) 123-TRICLBENZENE	0.000		0	N.D.		

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

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577301.D
Acq On : 31 Jan 2018 2:00 pm
Operator : KMOR
Sample : LRB/2801071
Misc : RUN195773
ALS Vial : 2 Sample Multiplier: 1

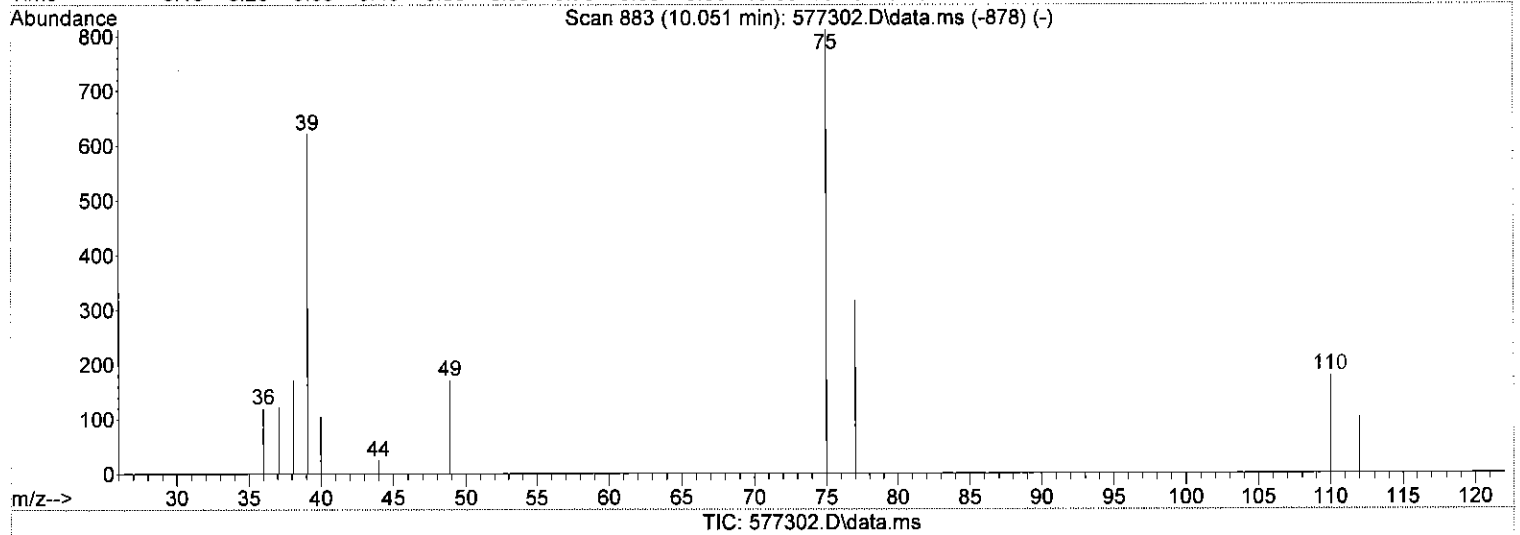
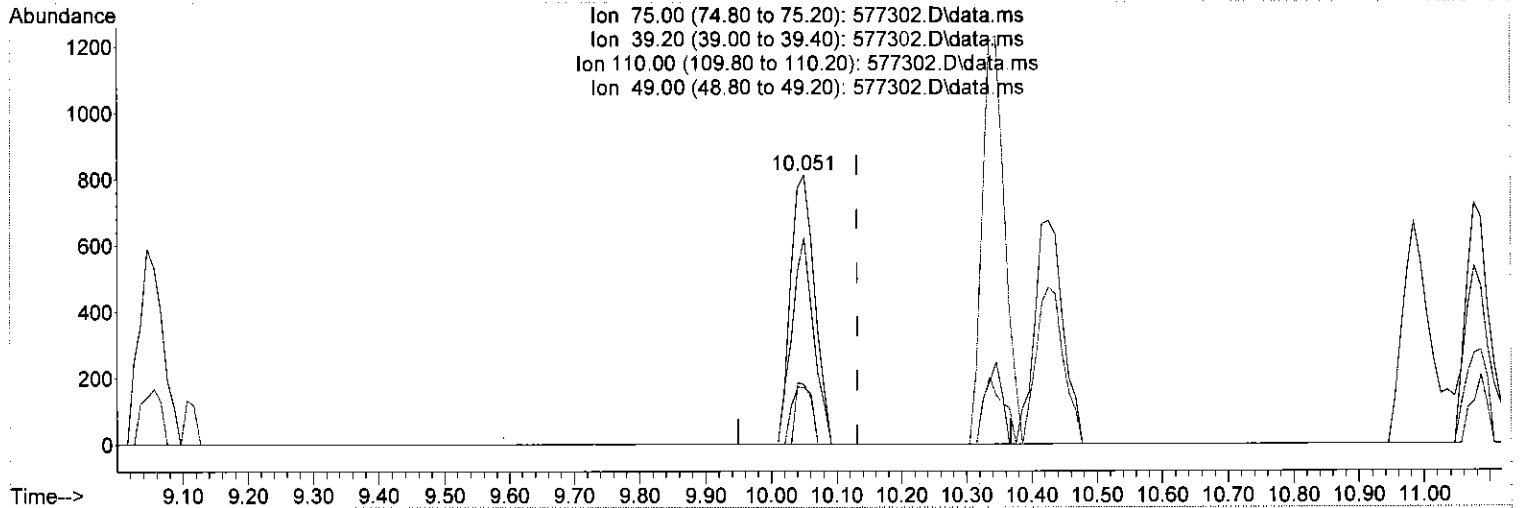
Quant Time: Feb 01 09:09:16 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(38) CIS13DICLPROPENE (T)

10.051min (-0.081) 0.47 µg/L

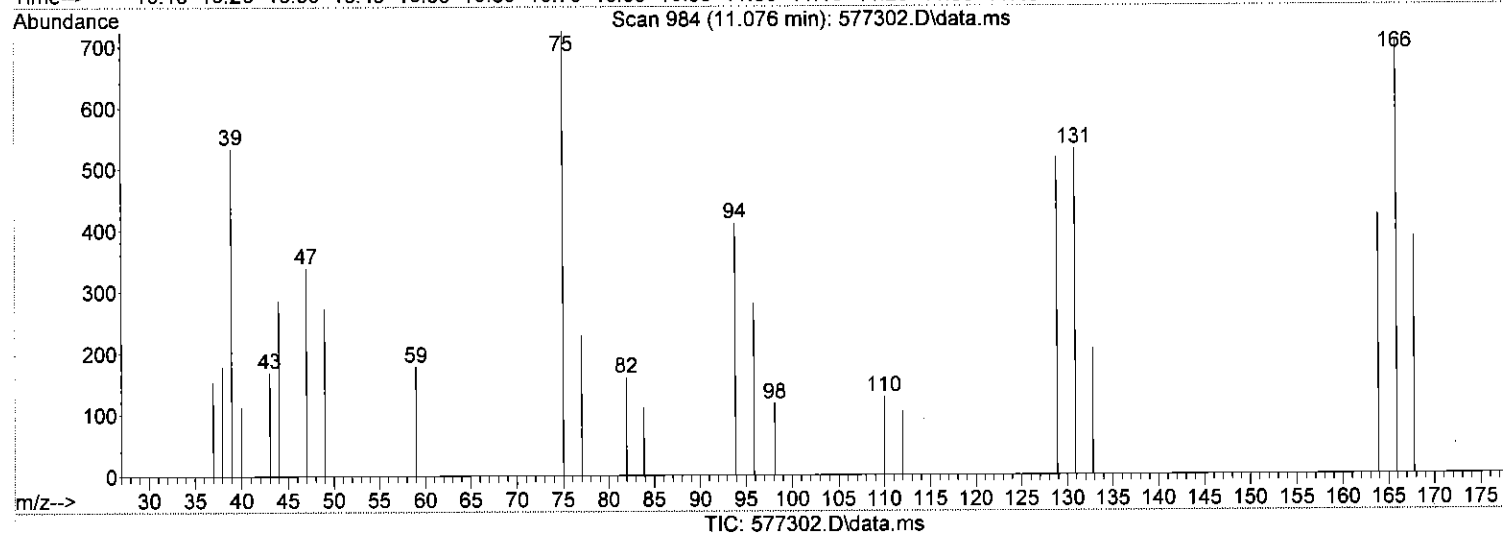
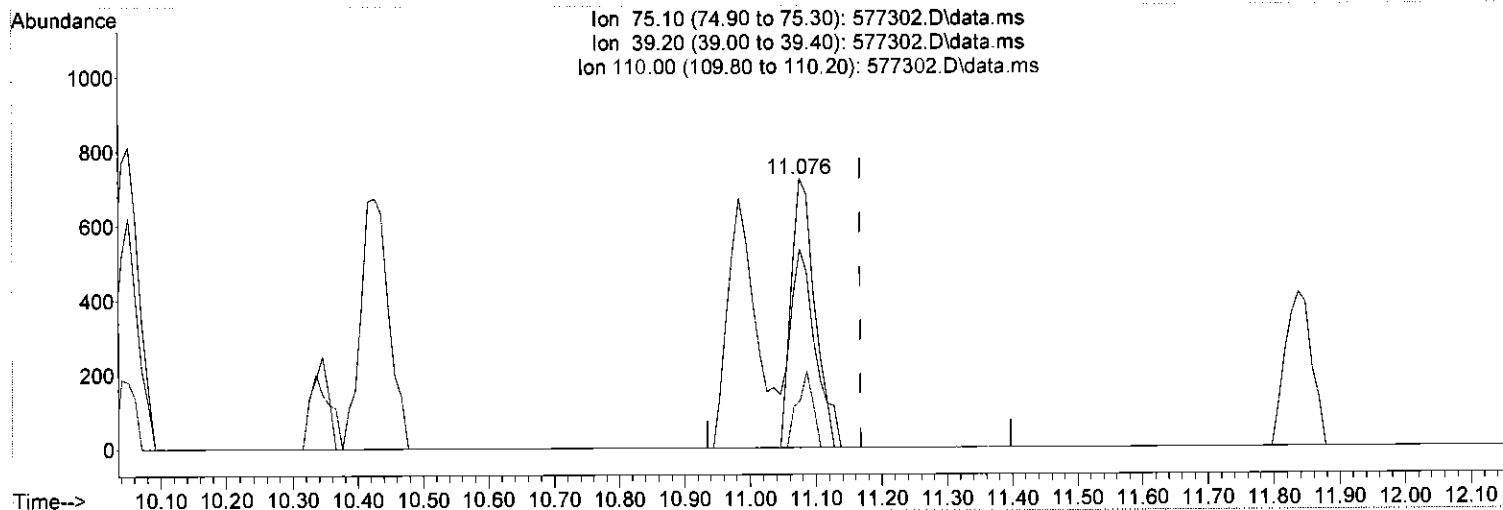
response 2060

Ion	Exp%	Act%
75.00	100	100
39.20	51.70	76.48#
110.00	23.30	22.04
49.00	19.00	21.06

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(41) TRANS13DICLPROPENE (T)

11.076min (-0.092) 0.41 µg/L

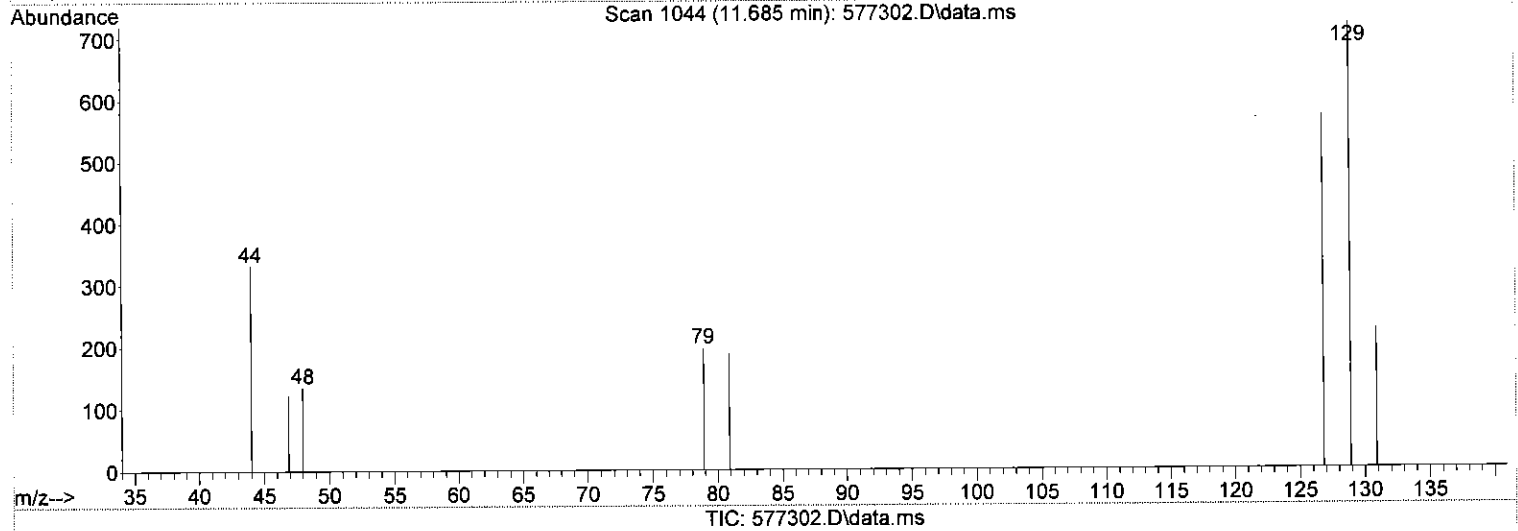
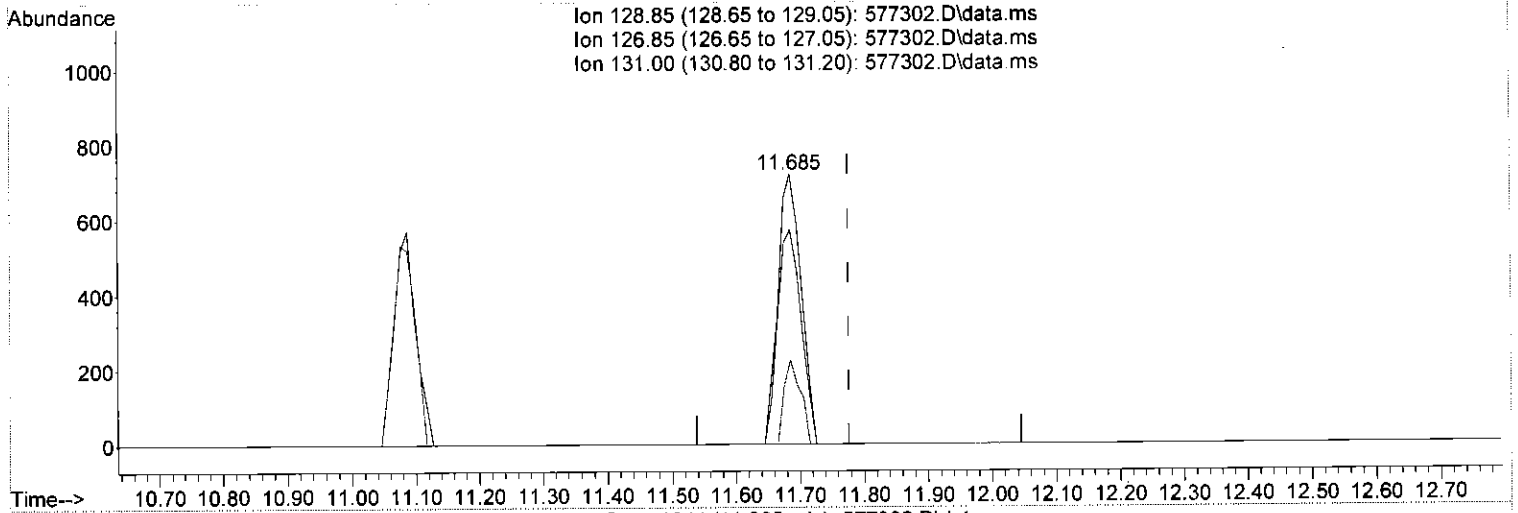
response 1782

Ion	Exp%	Act%
75.10	100	100
39.20	43.40	80.13#
110.00	27.50	18.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(45) DIBRCHLOROMETHANE (T)

11.685min (-0.092) 0.50 µg/L

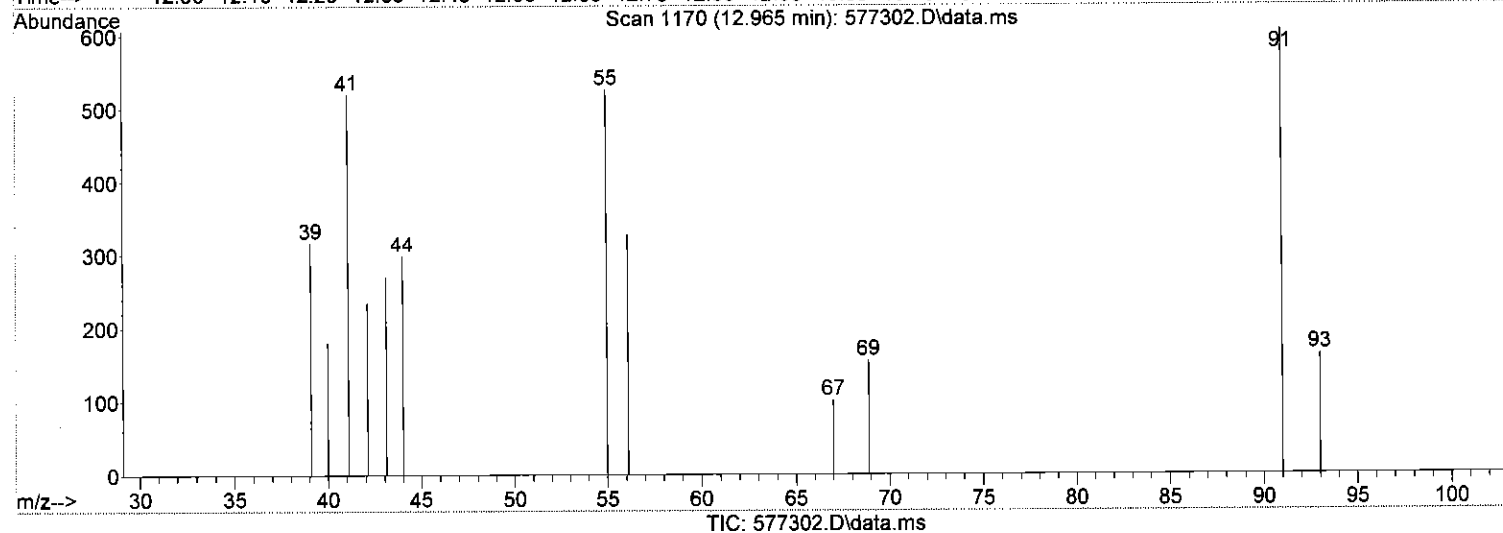
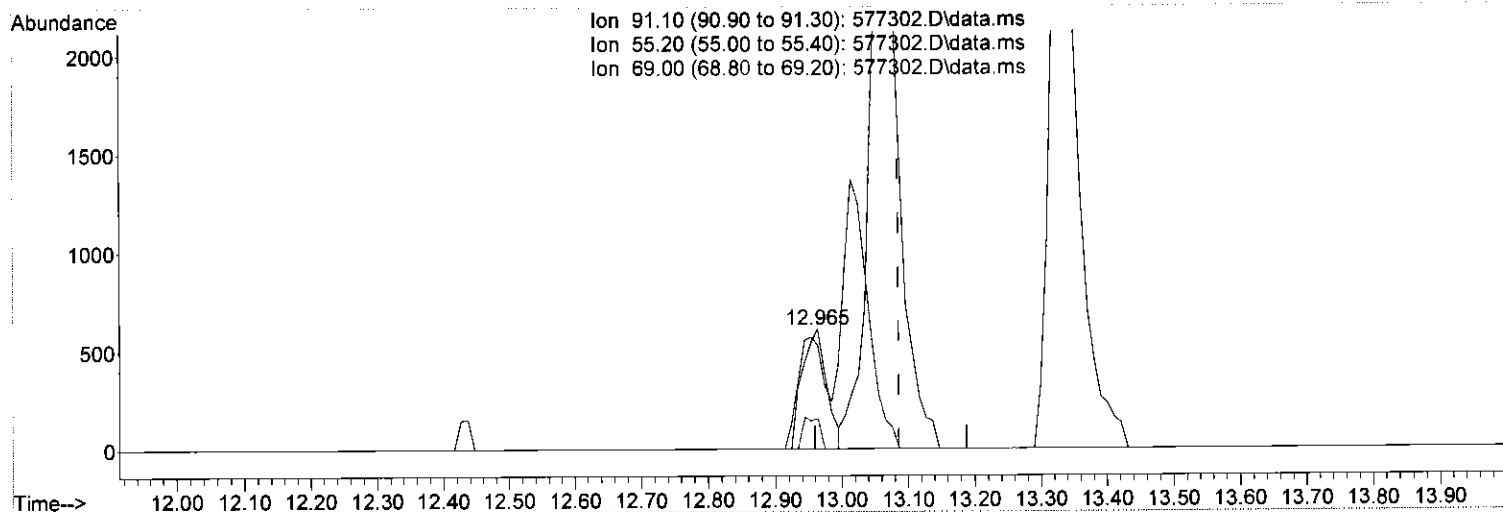
response 1825

Ion	Exp%	Act%
128.85	100	100
126.85	76.90	80.55
131.00	24.40	22.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(50) 1-CHLOROHEXANE

12.965min (-0.121) 0.41 µg/L

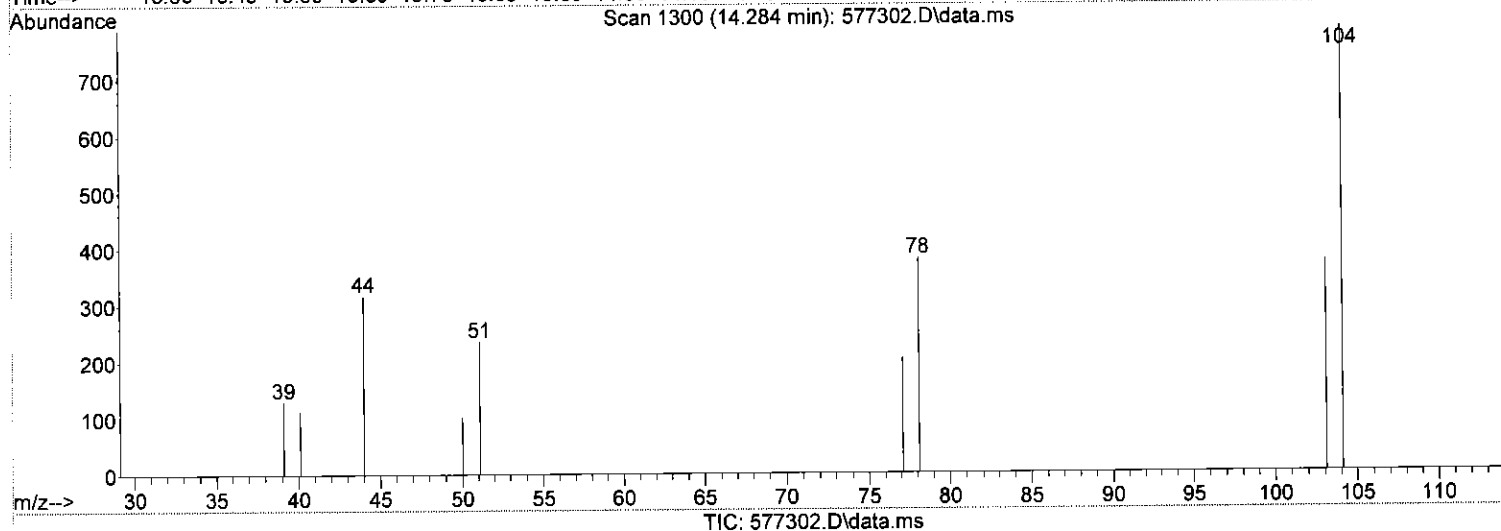
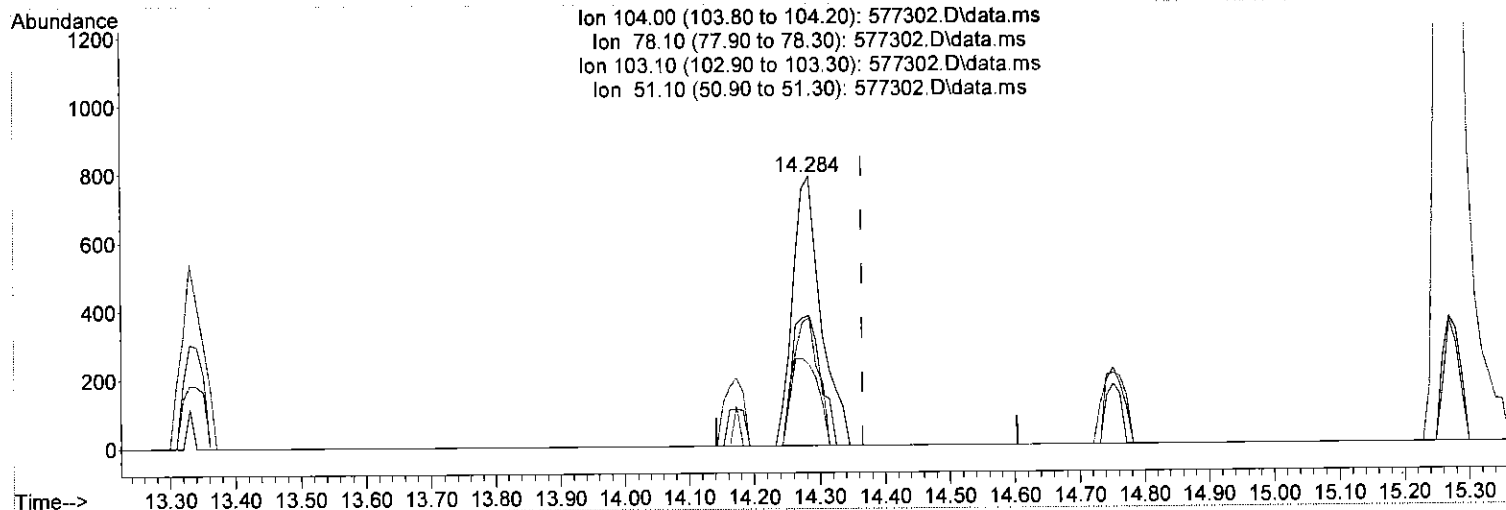
response 1569

Ion	Exp%	Act%
91.10	100	100
55.20	54.00	103.63#
69.00	17.50	17.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(54) STYRENE (T)

14.284min (-0.081) 0.30 µg/L

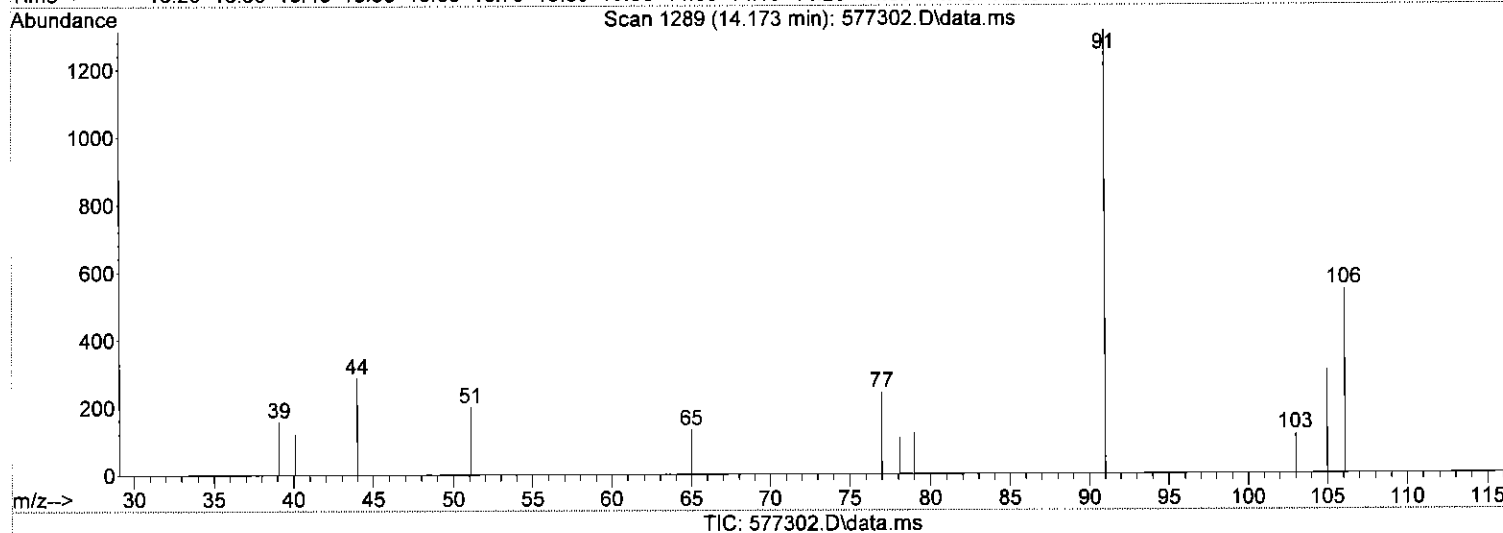
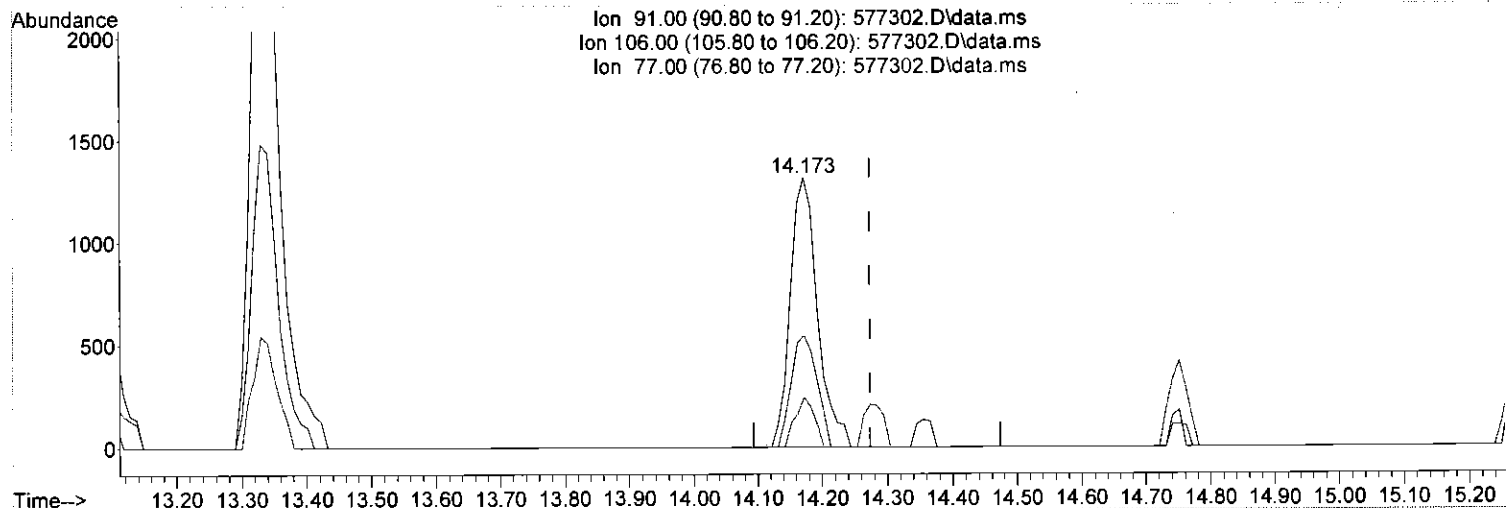
response 2331

Ion	Exp%	Act%
104.00	100	100
78.10	43.10	47.88
103.10	46.90	41.48
51.10	24.70	30.93

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(55) O-XYLENE (T)

14.173min (-0.101) 0.36 µg/L

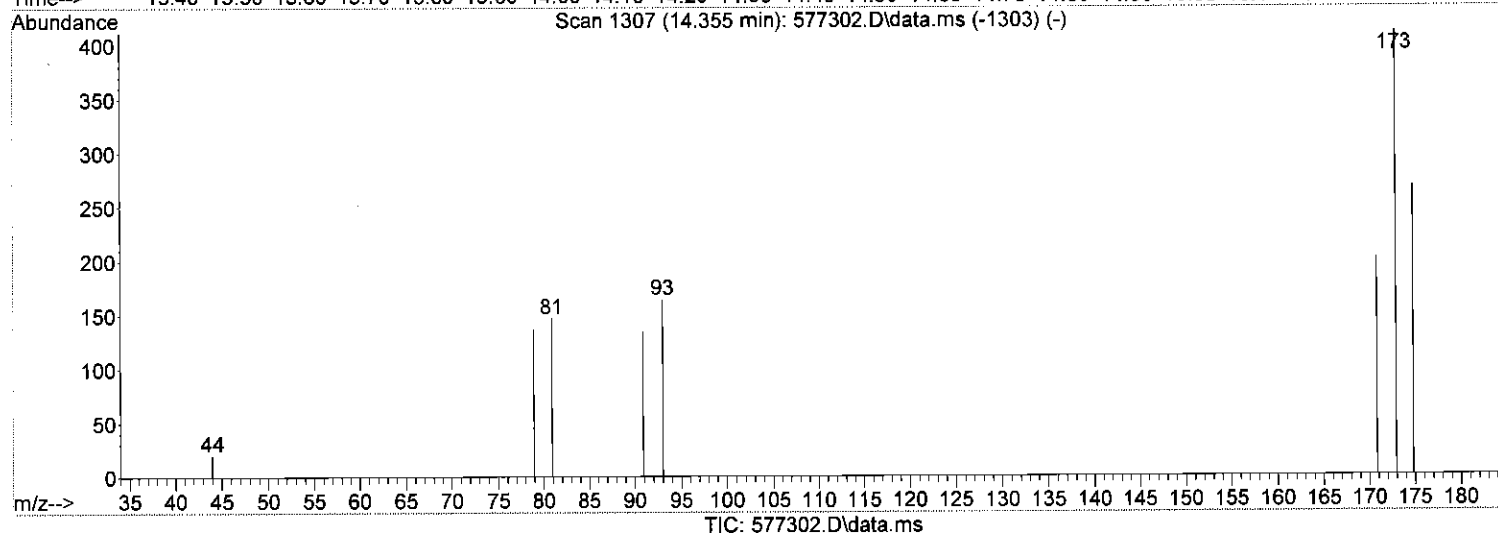
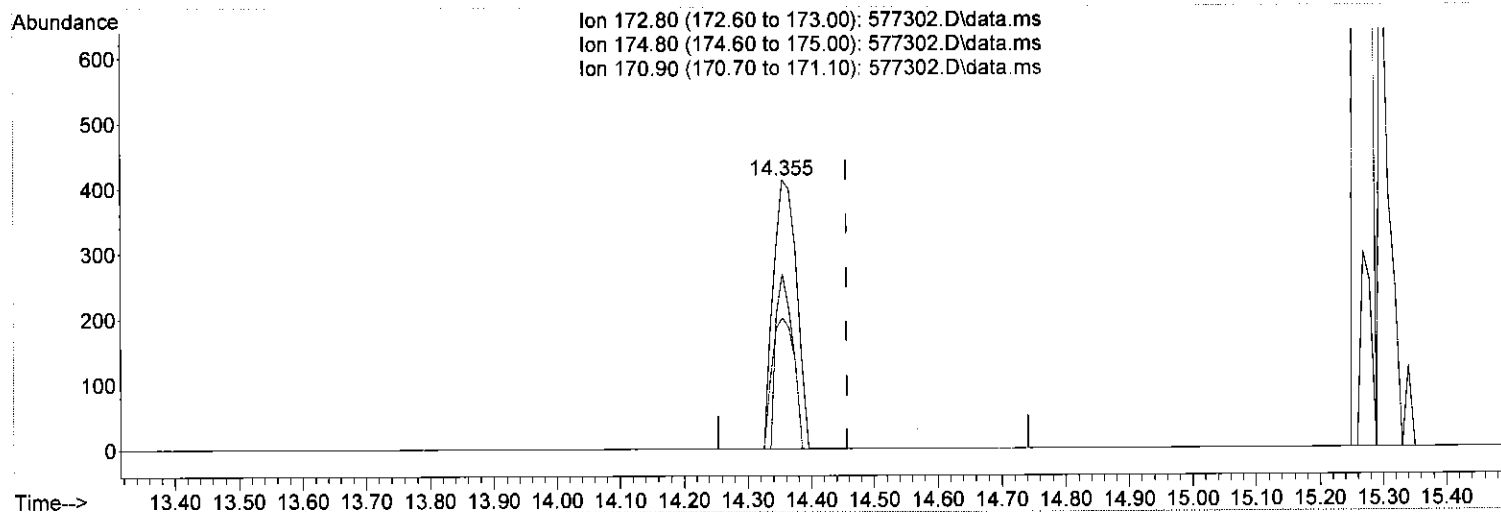
response 3849

Ion	Exp%	Act%
91.00	100	100
106.00	48.20	39.15
77.00	12.60	13.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(56) BROMOFORM (P,T)

14.355min (-0.102) 0.38 µg/L

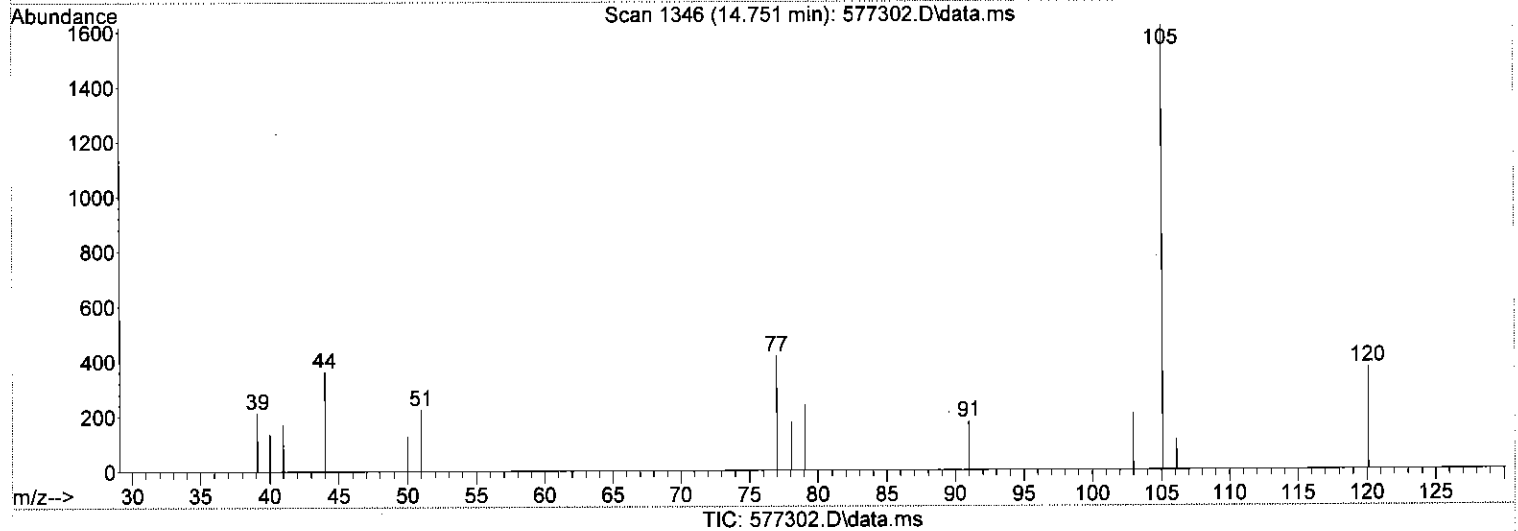
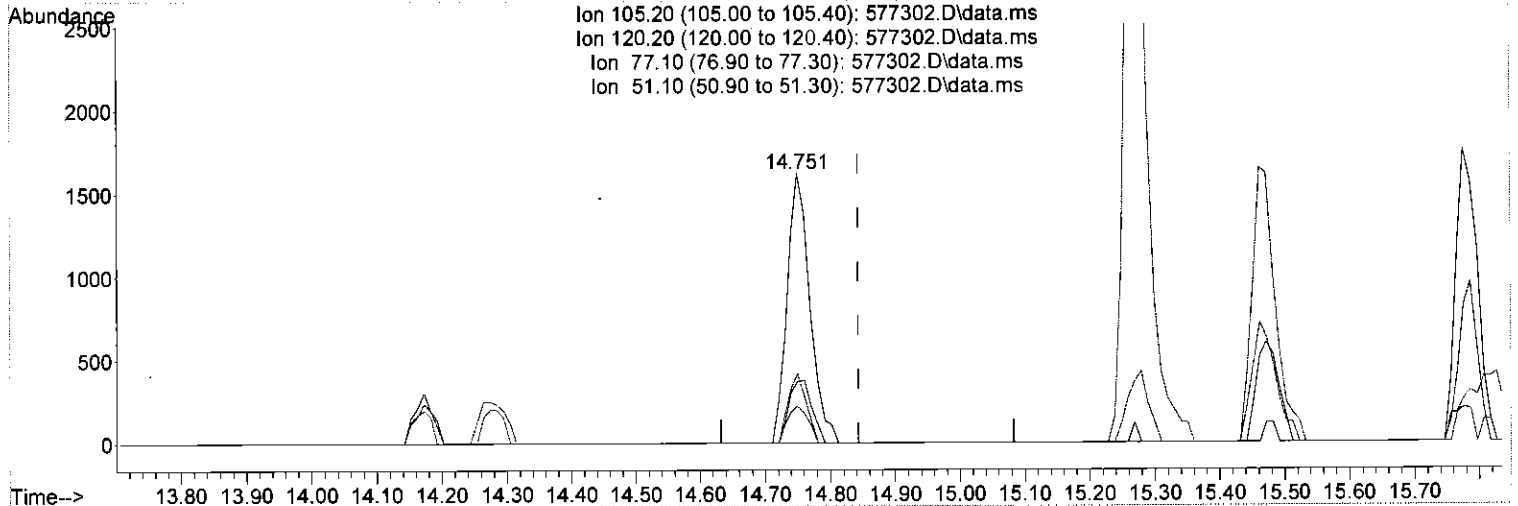
response 1061

Ion	Exp%	Act%
172.80	100	100
174.80	48.80	65.05
170.90	51.50	48.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



TIC: 577302.D\data.ms

(58) ISOPROPYL BENZENE (T)

14.751min (-0.092) 0.33 µg/L

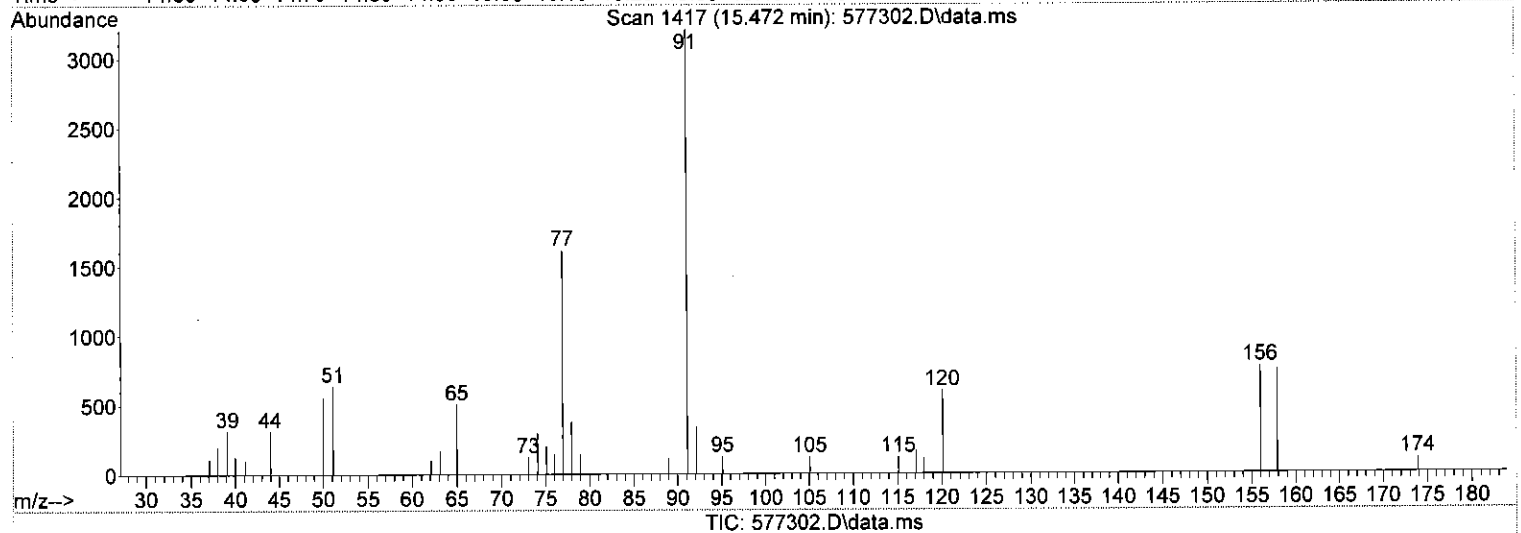
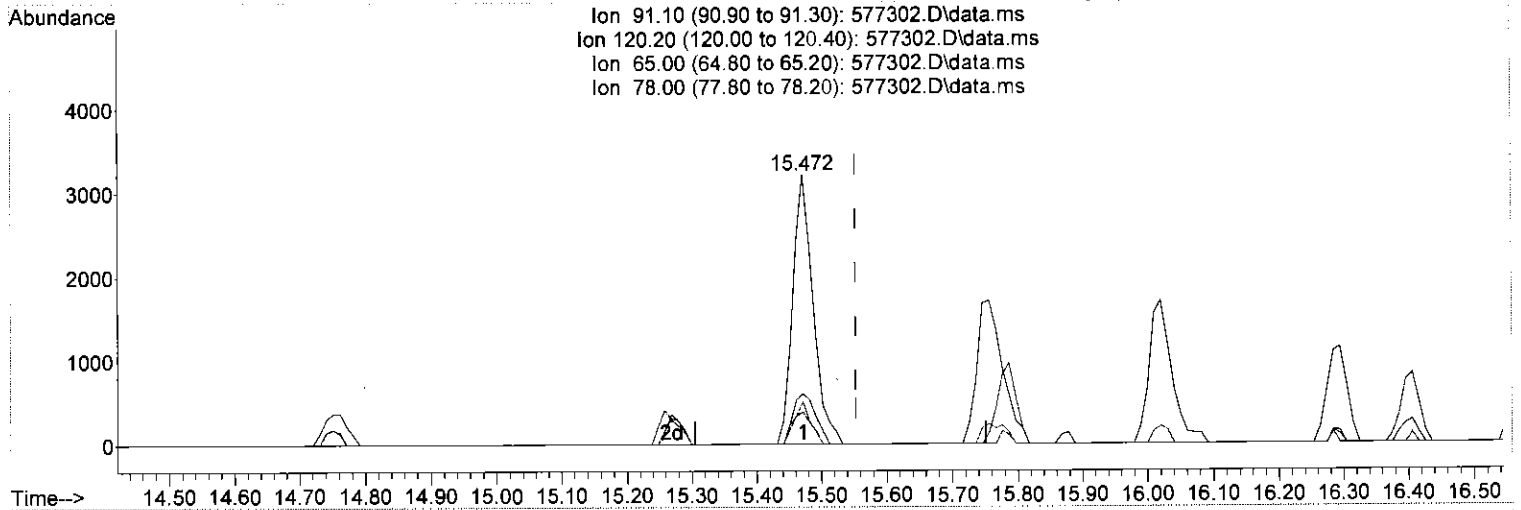
response 3953

Ion	Exp%	Act%
105.20	100	100
120.20	27.80	23.32
77.10	15.50	20.64
51.10	9.10	12.47

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(63) N-PROPYLBENZENE (T)

15.472min (-0.081) 0.48 µg/L

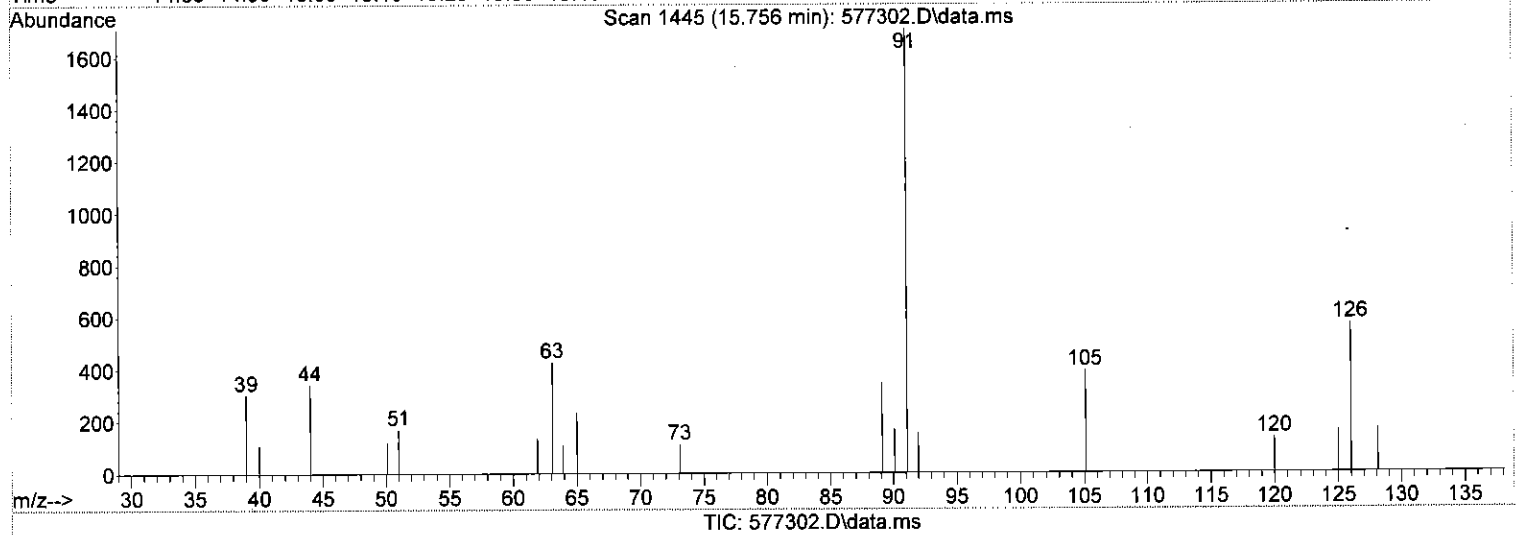
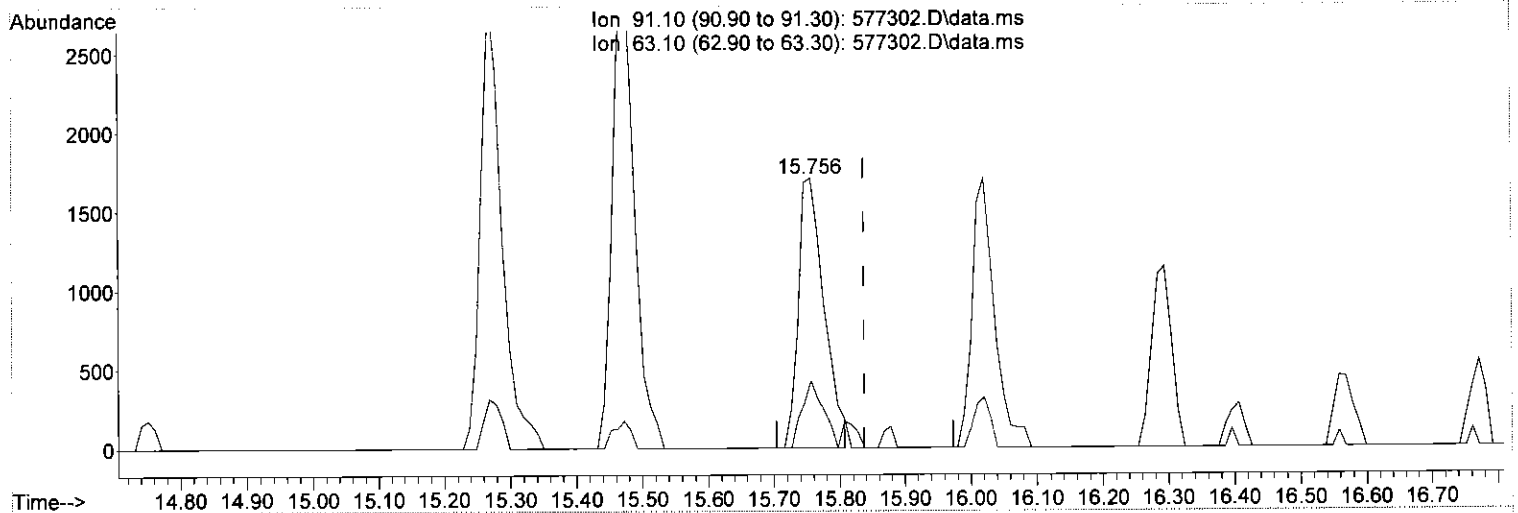
response 7063

Ion	Exp%	Act%
91.10	100	100
120.20	25.70	20.46
65.00	10.00	12.76
78.00	9.20	11.31

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (T)

15.756min (-0.081) 0.44 µg/L

response 4676

Ion	Exp%	Act%
91.10	100	100
63.10	14.40	20.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018

Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	199942	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	316583	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	284428	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	136358	20.00	µg/L	-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	151409	23.81	µg/L	-0.07
Spiked Amount 20.000	Range 80 - 120		Recovery =	119.05%		
39) STOLUENE-D8	10.345	98	388926	20.86	µg/L	-0.09
Spiked Amount 20.000	Range 80 - 120		Recovery =	104.30%		
59) S4BRFLUOROBENZENE	15.269	95	143366	18.62	µg/L	-0.09
Spiked Amount 20.000	Range 80 - 120		Recovery =	93.10%		
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	2.843	85	3920	1.51	µg/L	97
3) CHLOROMETHANE	3.097	50	10933	3.44	µg/L #	89
4) VINYL CHLORIDE	3.208	62	4499	1.66	µg/L	99
5) BROMOMETHANE	3.605	94	5854	2.73	µg/L	98
6) CHLOROETHANE	3.747	64	15445	10.41	µg/L #	89
7) TRICLFLUOROMETHANE	3.899	101	9273	2.04	µg/L	98
8) ACROLEIN	4.823	56	1102	19.67	µg/L #	94
9) ACETONE	5.117	43	6425	6.40	µg/L #	46
10) 11-DICHLOROETHENE	4.468	61	2164	0.99	µg/L	95
11) IODOMETHANE	4.660	142	11159	3.43	µg/L	98
12) CARBON DISULFIDE	4.549	76	30867	5.24	µg/L #	97
13) ACRYLONITRILE	5.970	53	5518	3.71	µg/L	96
14) DICHLOROMETHANE	5.077	84	9095	4.46	µg/L #	24
15) TRANS12DICLETHENE	5.259	96	2384	1.03	µg/L	94
16) 11-DICHLOROETHANE	5.929	63	4648	0.98	µg/L	97
17) VINYL ACETATE	6.143	43	27185	3.65	µg/L #	93
18) 2-BUTANONE	7.188	43	7369	3.48	µg/L #	87
19) CIS12DICHLOROETHENE	6.538	96	2159	0.78	µg/L #	83
20) 22-DICHLOROPROPANE	6.670	77	3208	0.93	µg/L	96
21) CHLOROFORM	6.833	83	5924	1.06	µg/L #	97
22) BROMOCHLOROMETHANE	6.782	49	3785	1.19	µg/L #	57
25) TETRAHYDROFURAN	7.066	42	2309	0.60	µg/L #	81
26) 111-TRICHLOROETHANE	7.127	97	4094	0.85	µg/L	93
27) 11-DICHLOROPROPENE	7.259	75	2151	0.61	µg/L #	90
28) 12-DICHLOROETHANE	7.828	62	4502	0.93	µg/L #	89
29) CARBONTETRACHLORIDE	7.046	117	3412	0.86	µg/L #	78
30) BENZENE	7.574	78	8473	0.81	µg/L #	73
31) TRICHLOROETHENE	8.325	132	1955	0.73	µg/L #	55
32) 12-DICHLOROPROPANE	9.056	63	2008	0.65	µg/L #	91
33) DIBROMOMETHANE	8.934	174	1442	0.69	µg/L #	84
34) BROMODICLMETHANE	9.117	83	3315	0.80	µg/L	90
35) 2-CLETHYLVINYLETHER	9.899	63	1369	0.74	µg/L #	58
36) EPICHLOROHYDRIN	10.427	57	4334	12.03	µg/L	89
37) 4METHYL-2-PENTANONE	10.985	43	10707	2.31	µg/L #	81
38) CIS13DICLPROPENE	10.051	75	2060	N.D.		
40) TOLUENE	10.427	91	7870	0.65	µg/L	94
41) TRANS13DICLPROPENE	11.076	75	1782	N.D.		
42) 112-TRICHLOROETHANE	11.350	97	1992	0.67	µg/L #	77
43) 2-HEXANONE	12.427	43	5383	1.64	µg/L #	78
44) 13-DICHLOROPROPANE	11.838	76	3103	0.59	µg/L	89
45) DIBRCHLOROMETHANE	11.685	129	1825	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018

Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

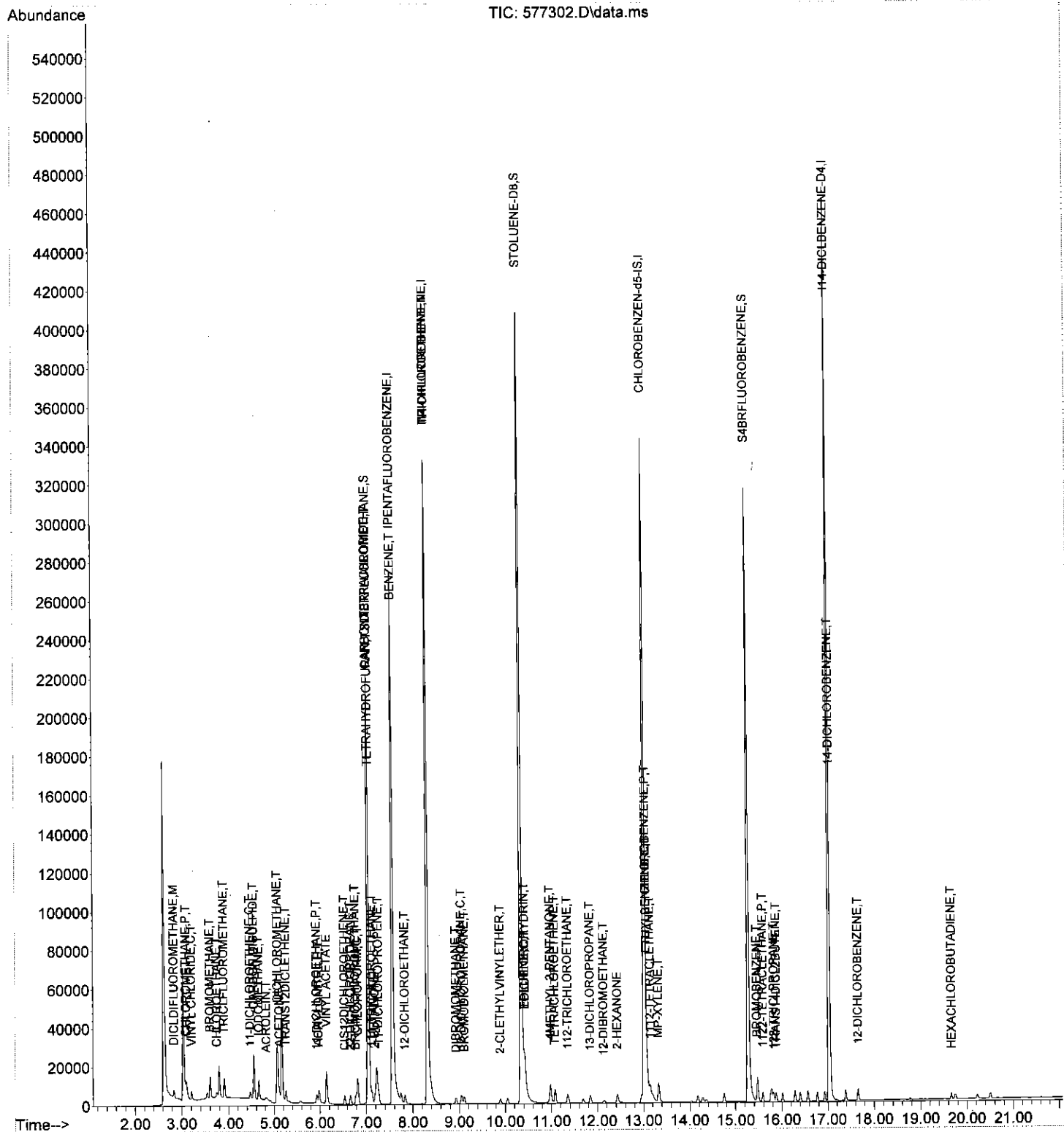
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.076	166	1808	0.65	µg/L #	86
47) 12-DIBROMOETHANE	12.132	107	1770	0.60	µg/L #	92
49) CHLOROBENZENE	13.056	112	4847	0.61	µg/L #	8
50) 1-CHLOROHEXANE	12.965	91	1569	N.D.		
51) 1112-TETRACLETHANE	13.147	131	1900	0.65	µg/L #	1
52) ETHYLBENZENE	13.066	91	9203	0.72	µg/L	91
53) MP-XYLENE	13.330	91	9643	0.91	µg/L	90
54) STYRENE	14.284	104	2331	N.D.		
55) O-XYLENE	14.173	91	3849	N.D.		
56) BROMOFORM	14.355	173	1061	N.D.		
57) 1122-TETRACLETHANE	15.584	83	3321	0.65	µg/L #	95
58) ISOPROPYL BENZENE	14.751	105	3953	N.D.		
60) 123-TRICLPROPANE	15.827	110	878	0.59	µg/L	96
61) TRANS14DICL2BUTENE	15.878	53	1614	2.35	µg/L #	57
62) BROMOBENZENE	15.462	77	4025	0.62	µg/L	72
63) N-PROPYLBENZENE	15.472	91	7063	N.D.		
64) 2-CHLOROTOLUENE	15.756	91	4676	N.D.		
65) 4-CHLOROTOLUENE	16.020	91	3993	N.D.		
66) 135TRIMETHYLBENZENE	15.777	105	4032	N.D.		
67) TERT-BUTYLBENZENE	16.294	119	2955	N.D.		
68) 124TRIMETHYLBENZENE	16.396	105	3579	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	4730	N.D.		
70) 13-DICHLOROBENZENE	16.924	146	2614	N.D.		
72) 4-ISOPROPYLTOLUENE	16.772	119	3401	N.D.		
73) 14-DICHLOROBENZENE	17.046	146	4226	0.82	µg/L #	1
74) 12-DICHLOROBENZENE	17.655	146	3223	0.61	µg/L	95
75) N-BUTYLBENZENE	17.381	91	4013	N.D.		
76) 12-DIBR-3CLPROPANE	18.771	157	272	N.D.		
77) 124-TRICLBENZENE	19.736	180	1503	N.D.		
78) NAPHTHALENE	20.223	128	3082	N.D.		
79) HEXACHLOROBUTADIENE	19.665	225	933	0.71	µg/L	91
80) 123-TRICLBENZENE	20.507	182	1531	N.D.		

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

(OT Reviewed)

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577302.D
Acq On : 31 Jan 2018 2:26 pm
Operator : KMOR
Sample : MDL/2801073
Misc : RUN195773
ALS Vial : 3 Sample Multiplier: 1

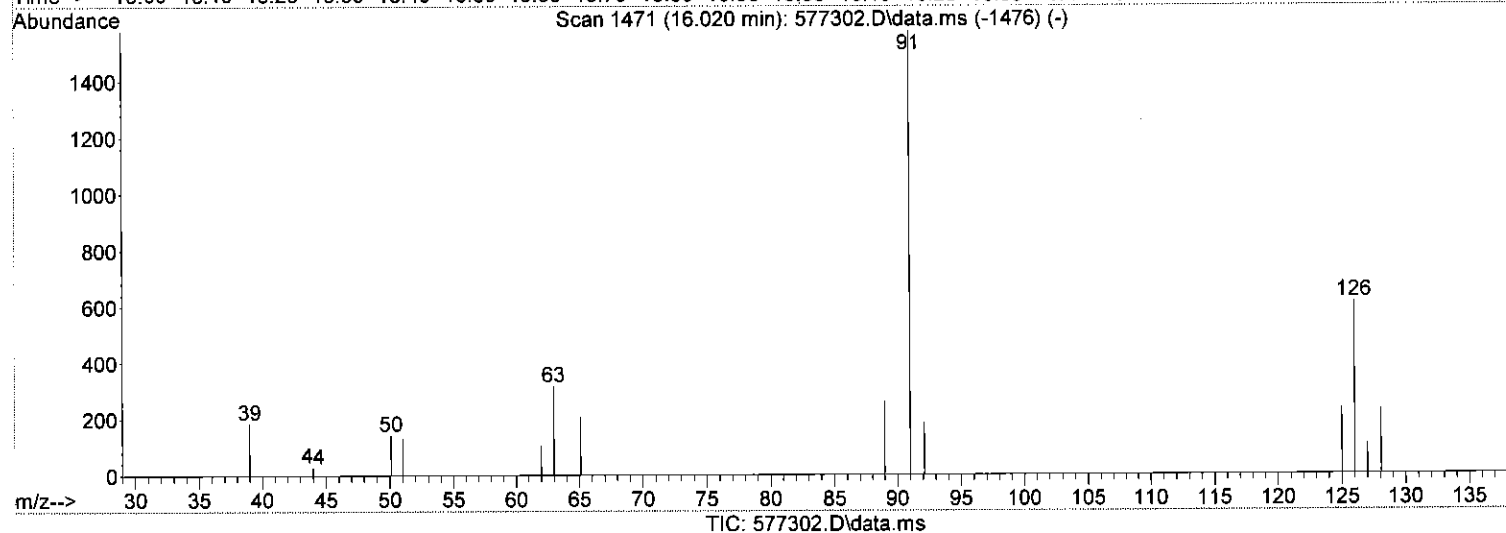
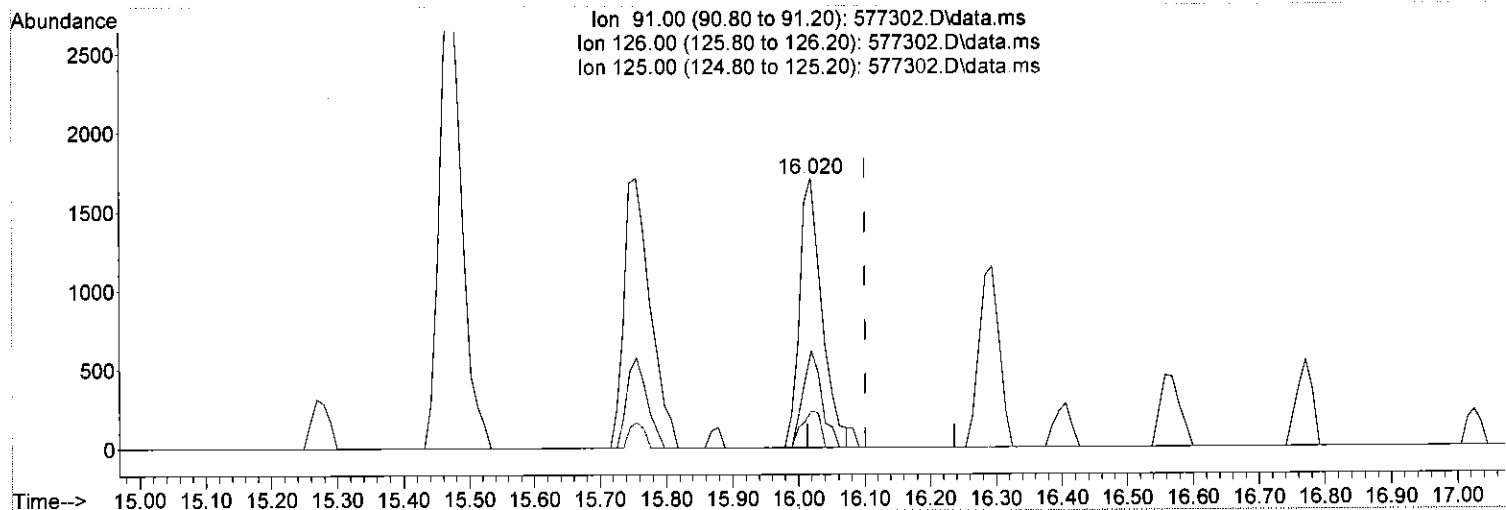
Quant Time: Feb 01 09:09:35 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(65) 4-CHLOROTOLUENE (T)

16.020min (-0.081) 0.42 µg/L

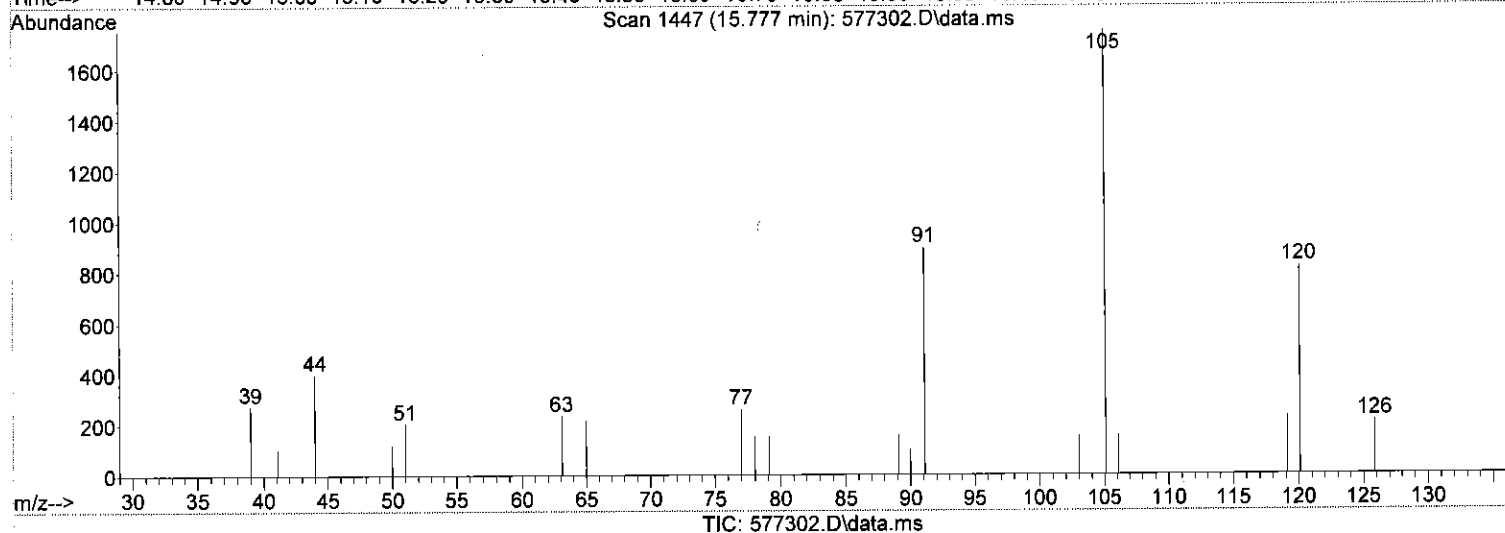
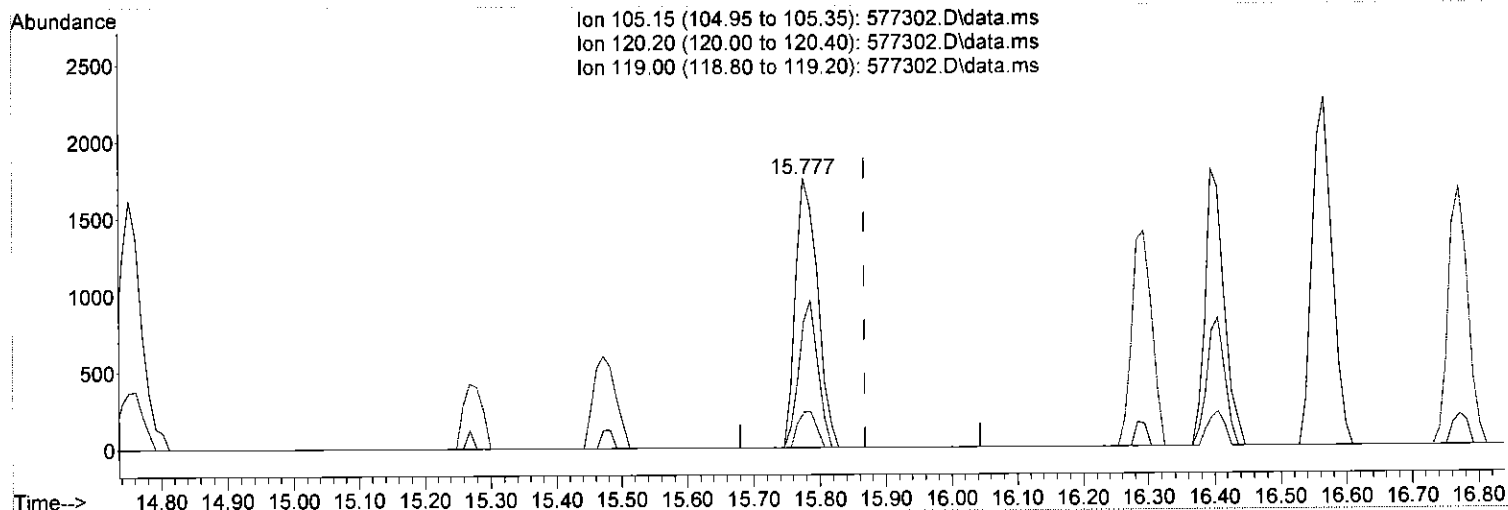
response 3993

Ion	Exp%	Act%
91.00	100	100
126.00	38.20	35.86
125.00	14.60	13.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(66) 135TRIMETHYLBENZENE (T)

15.777min (-0.091) 0.36 µg/L

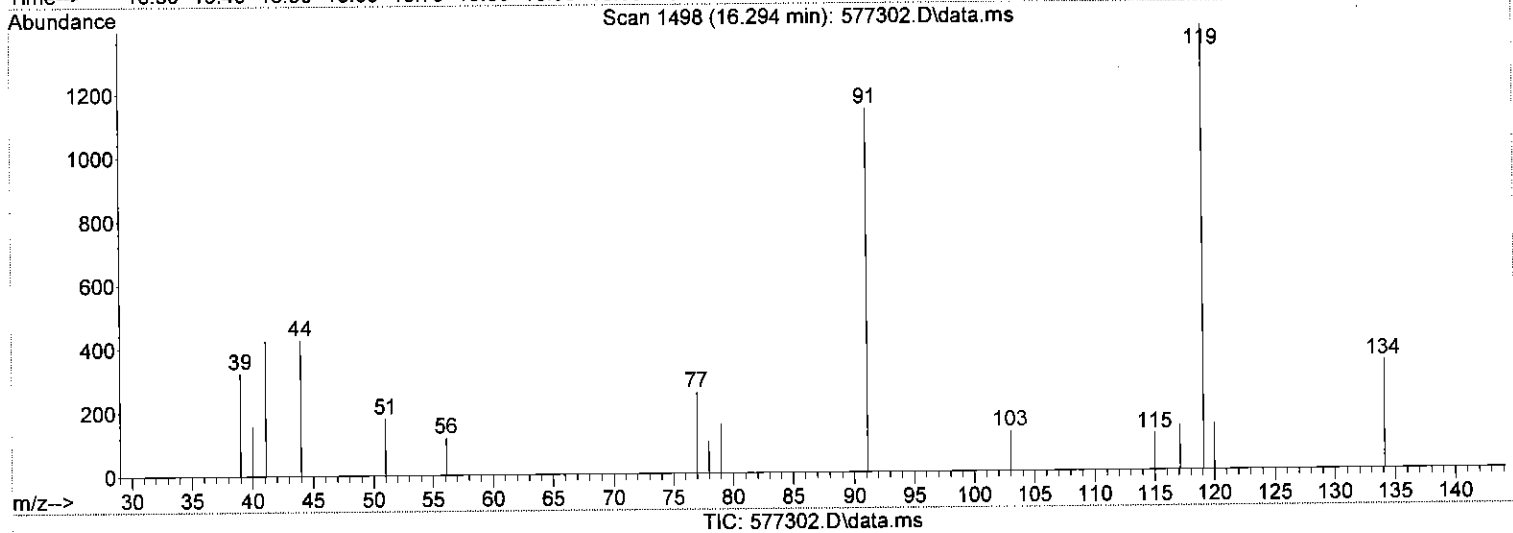
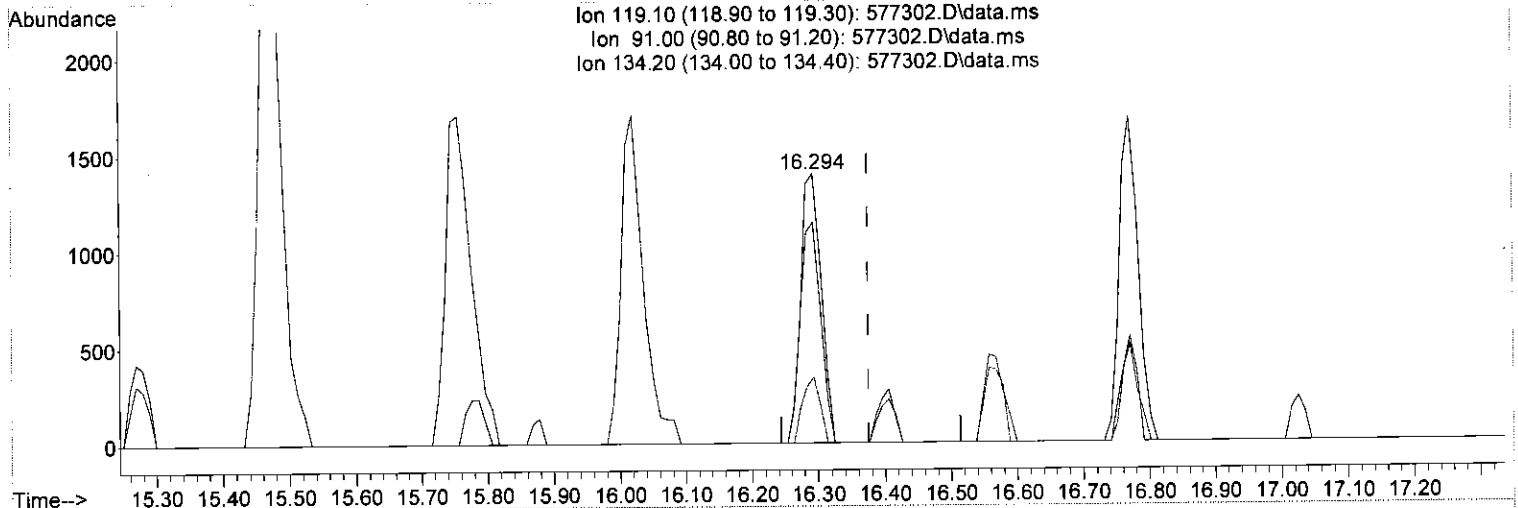
response 4032

Ion	Exp%	Act%
105.15	100	100
120.20	52.10	46.58
119.00	12.60	11.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(67) TERT-BUTYLBENZENE (T)

16.294min (-0.081) 0.34 µg/L

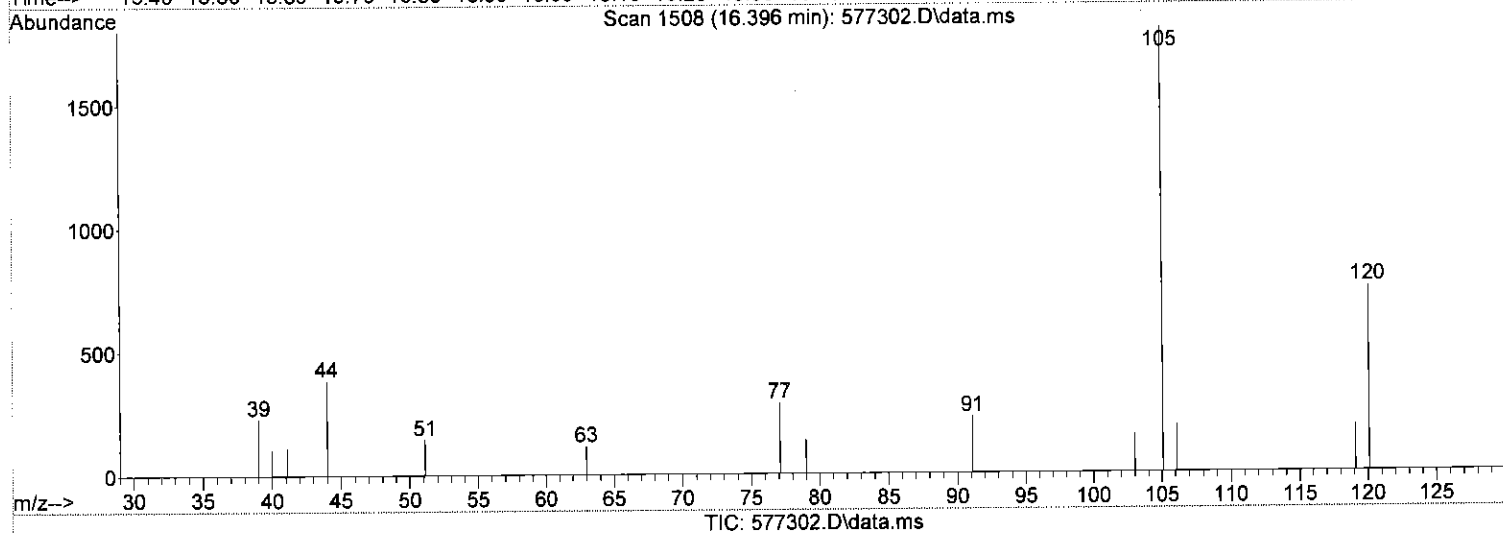
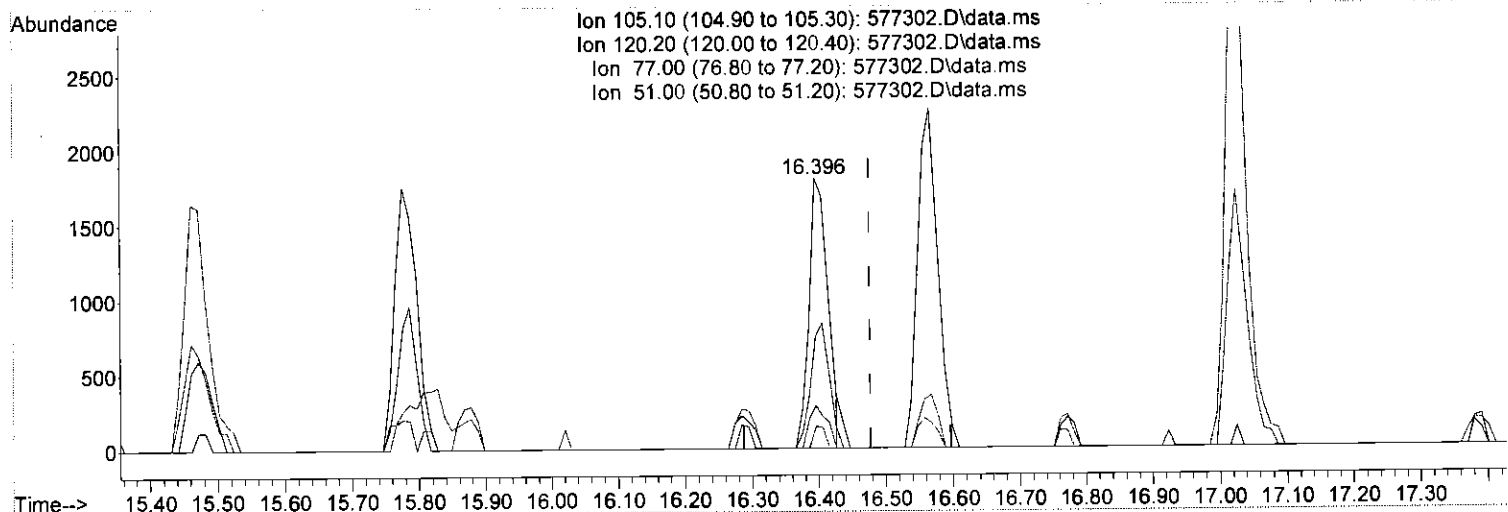
response 2955

Ion	Exp%	Act%
119.10	100	100
91.00	64.70	82.77
134.20	26.00	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(68) 124TRIMETHYLBENZENE (T)

16.396min (-0.081) 0.33 µg/L

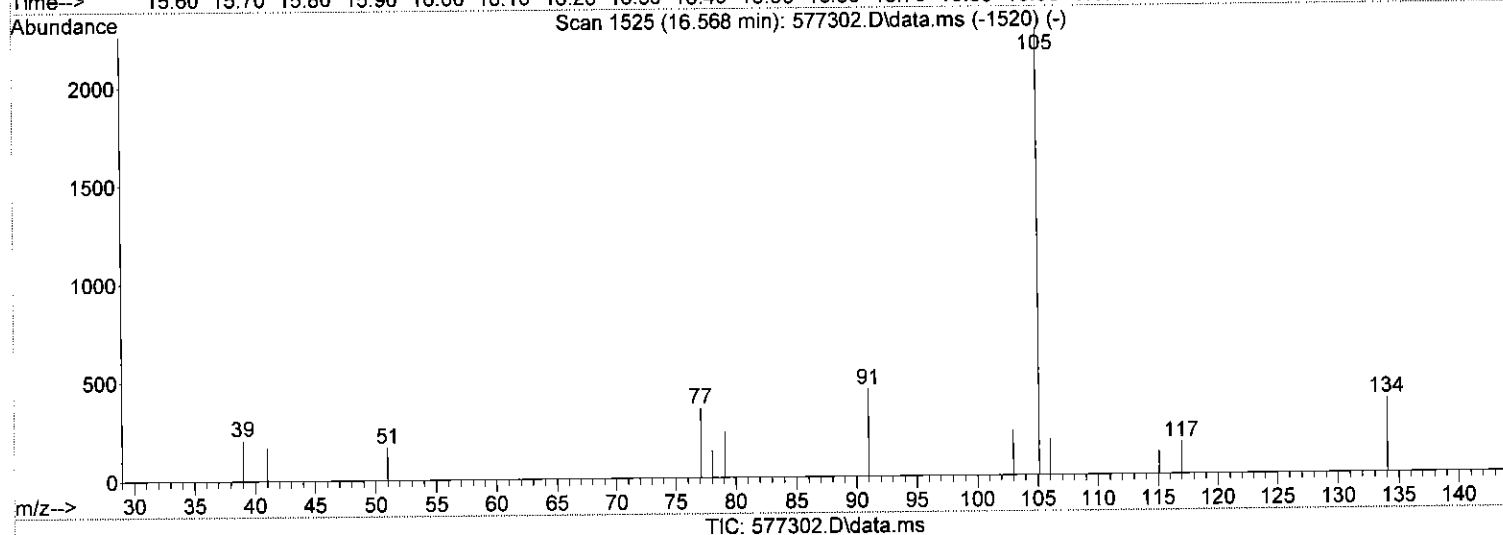
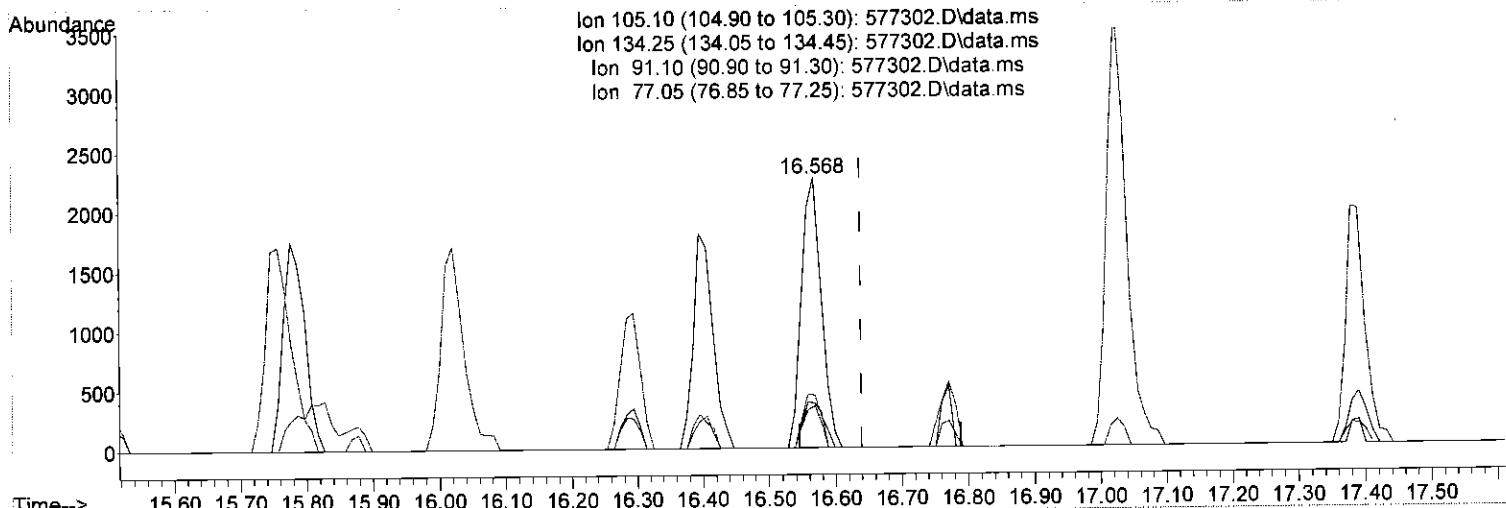
response 3579

Ion	Exp%	Act%
105.10	100	100
120.20	48.50	45.21
77.00	12.40	14.70
51.00	5.80	4.86

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(69) SEC-BUTYLBENZENE (T)

16.568min (-0.071) 0.38 µg/L

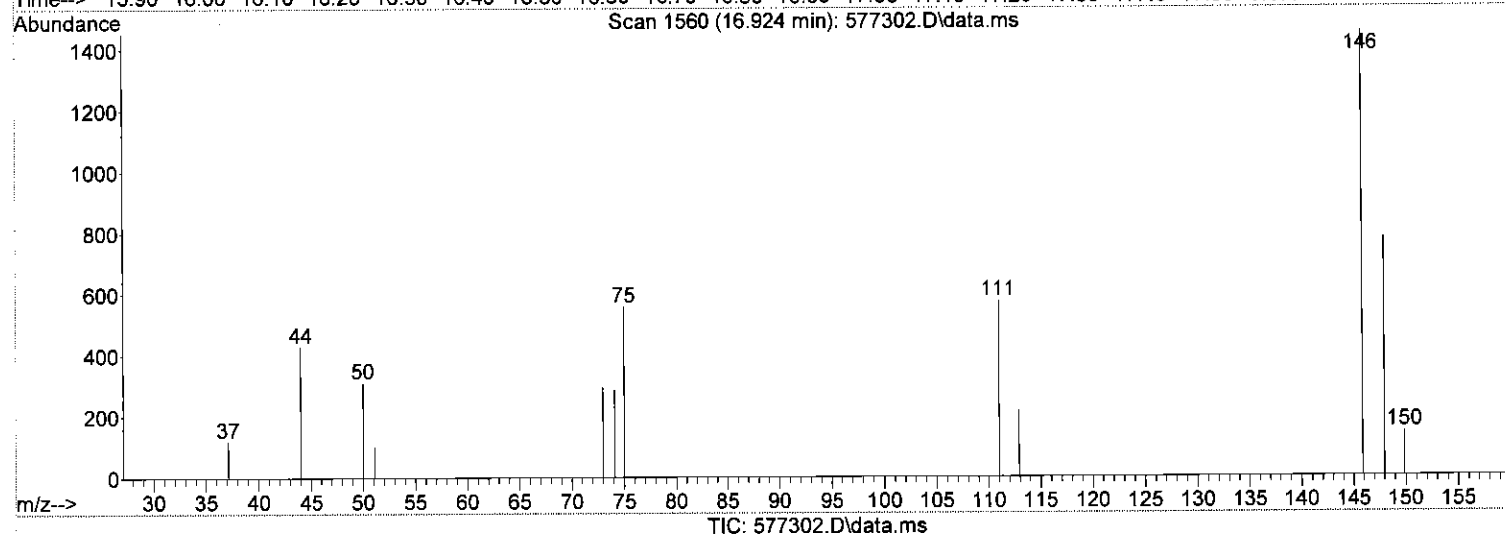
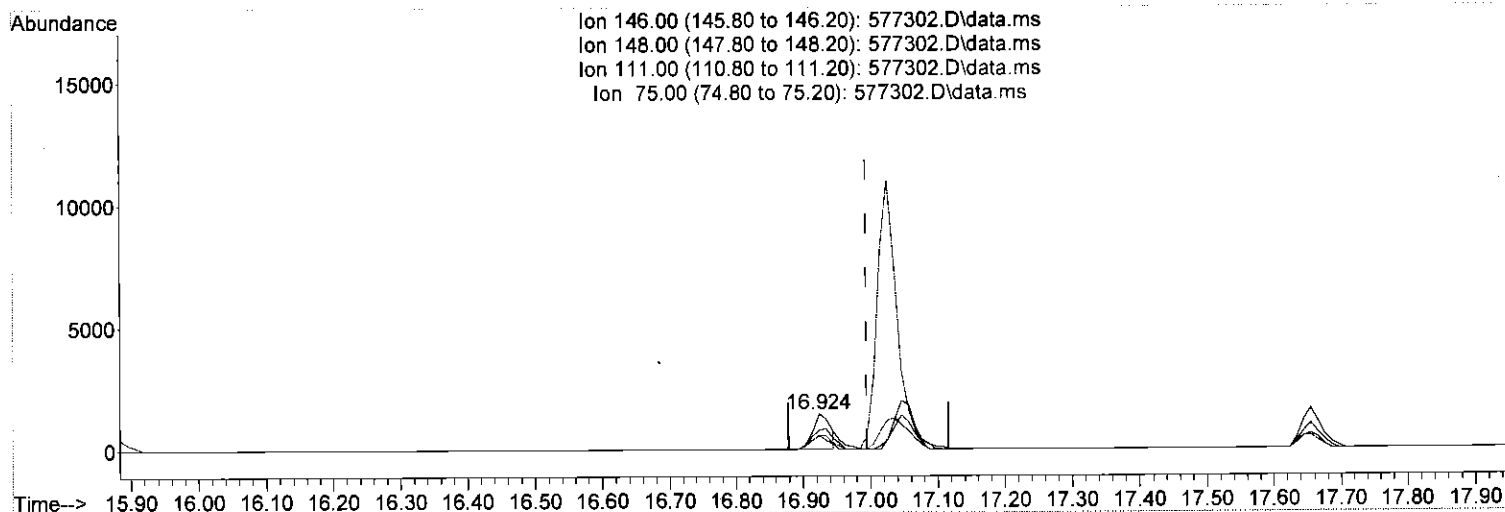
response 4730

Ion	Exp%	Act%
105.10	100	100
134.25	20.00	16.63
91.10	16.50	19.55
77.05	13.00	15.61

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577302.D
Acq On : 31 Jan 2018 2:26 pm
Operator : KMOR
Sample : MDL/2801073
Misc : RUN195773
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



(70) 1,3-DICHLOROBENZENE (T)

16.924min (-0.071) 0.45 µg/L

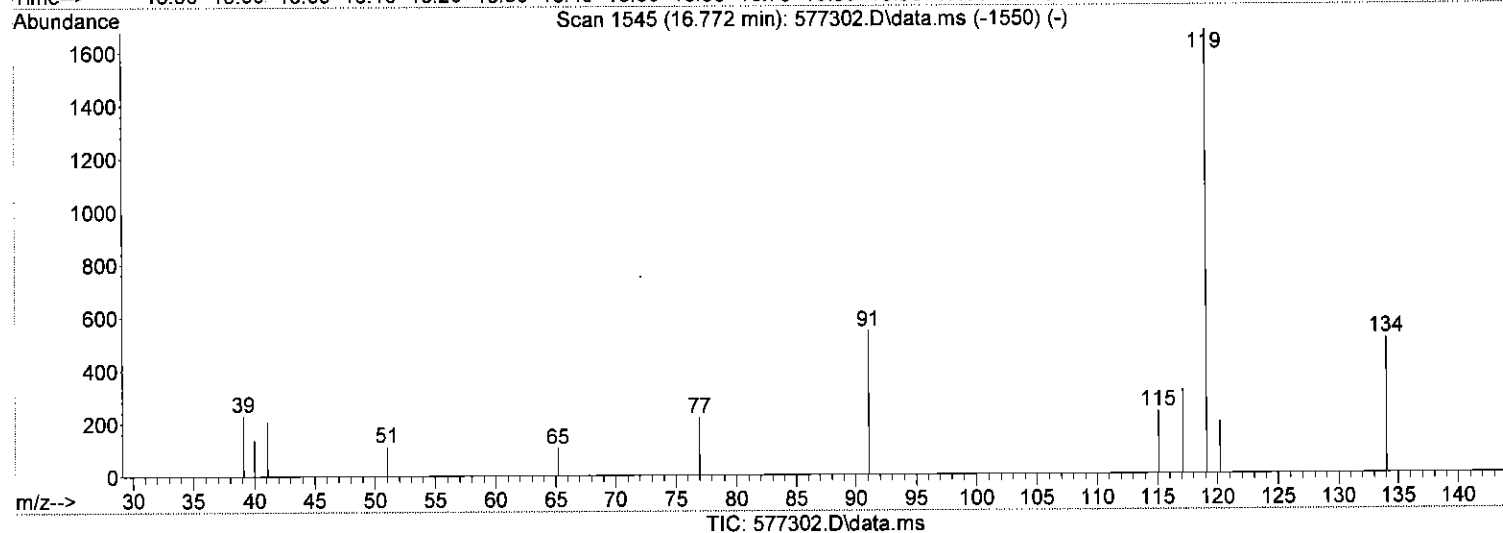
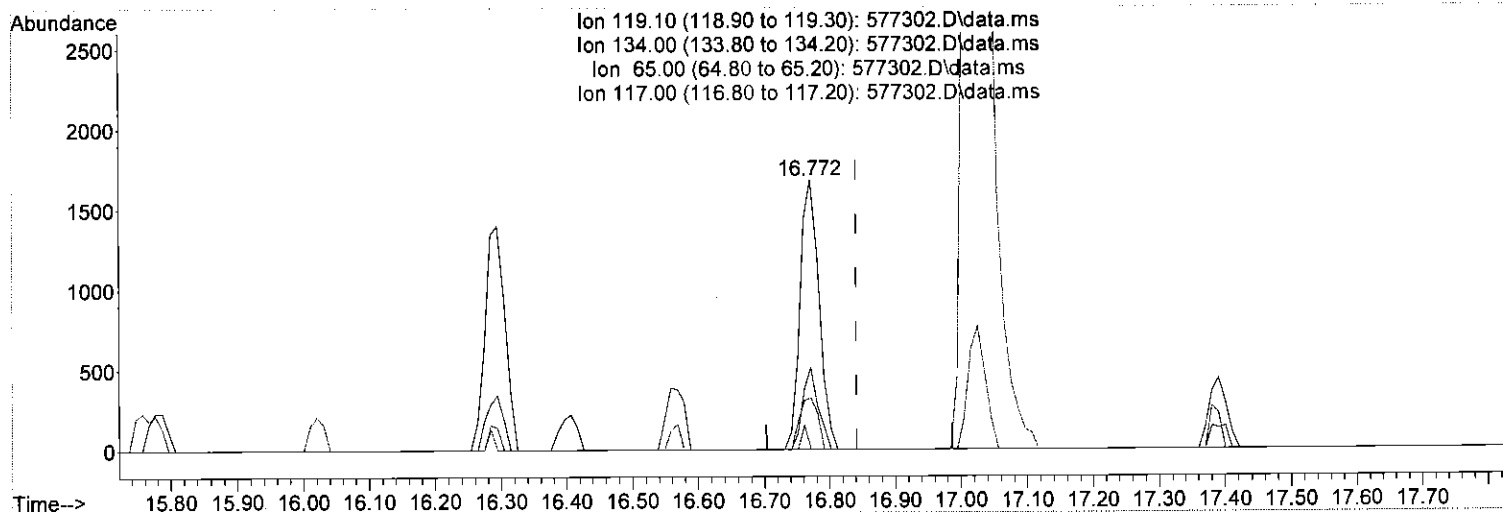
response 2614

Ion	Exp%	Act%
146.00	100	100
148.00	63.30	63.73
111.00	38.30	43.34
75.00	28.20	38.41

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(72) 4-ISOPROPYLTOLUENE (T)

16.772min (-0.070) 0.38 µg/L

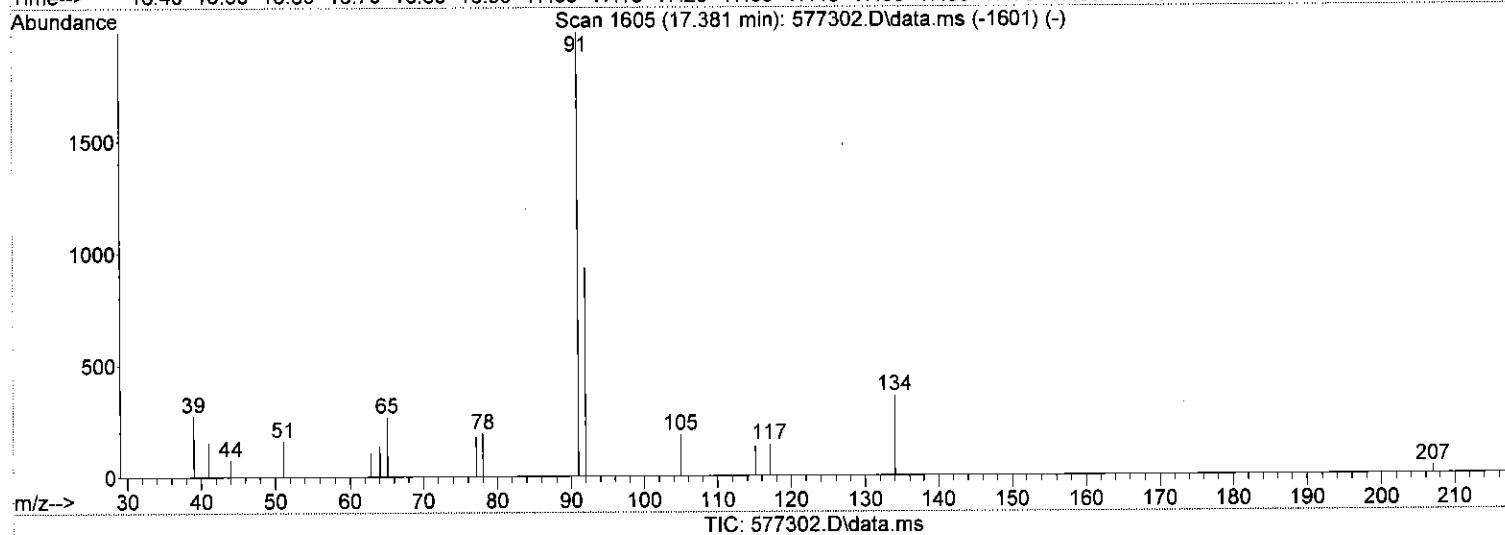
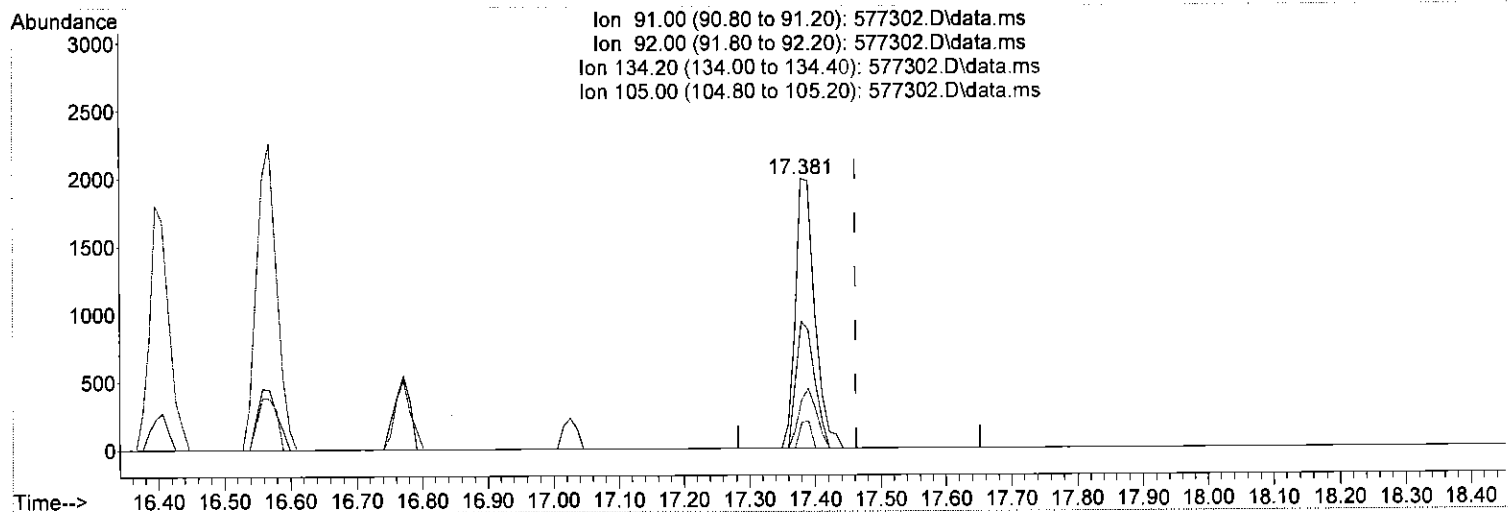
response 3401

Ion	Exp%	Act%
119.10	100	100
134.00	27.00	30.38
65.00	6.80	6.19
117.00	14.50	19.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577302.D
Acq On : 31 Jan 2018 2:26 pm
Operator : KMOR
Sample : MDL/2801073
Misc : RUN195773
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



(75) N-BUTYLBENZENE (T)

17.381min (-0.081) 0.49 µg/L

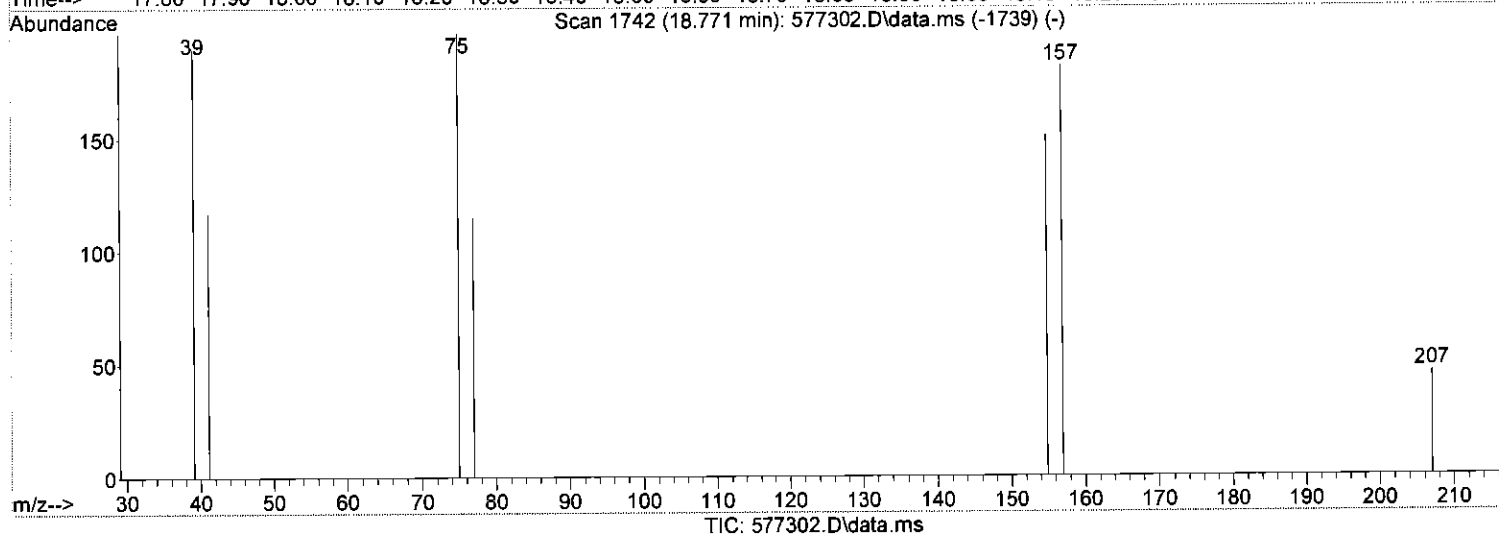
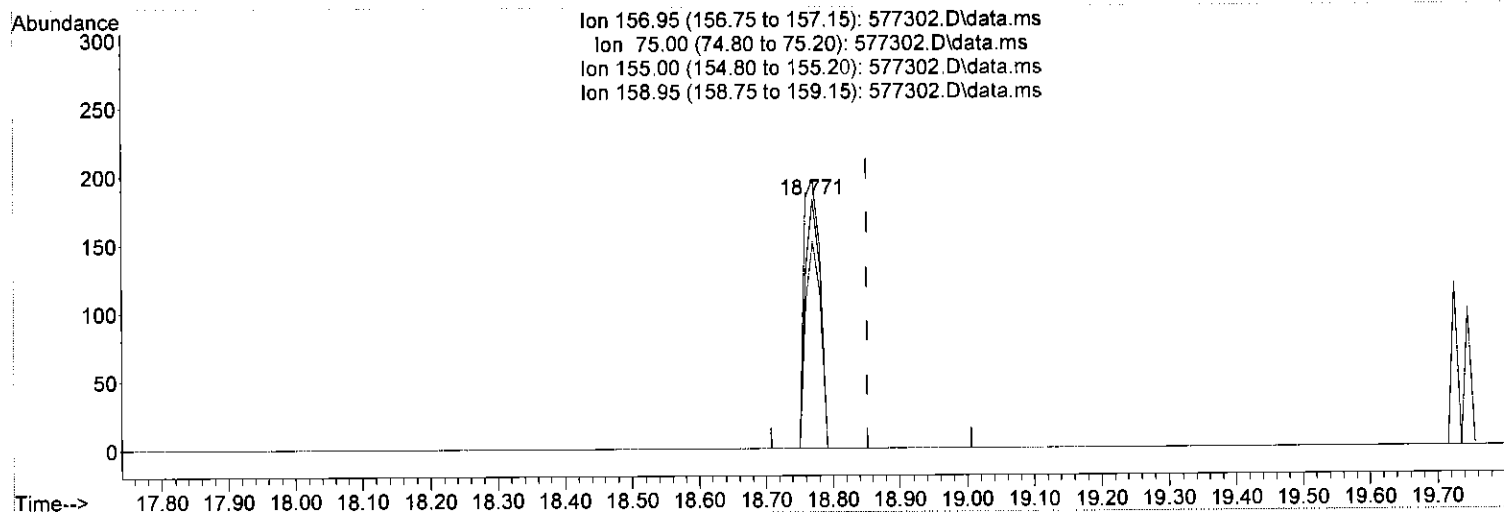
response 4013

Ion	Exp%	Act%
91.00	100	100
92.00	55.10	46.98
134.20	27.70	17.98
105.00	8.80	9.37

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(76) 12-DIBR-3CLPROPANE (T)

18.771min (-0.081) 0.32 µg/L

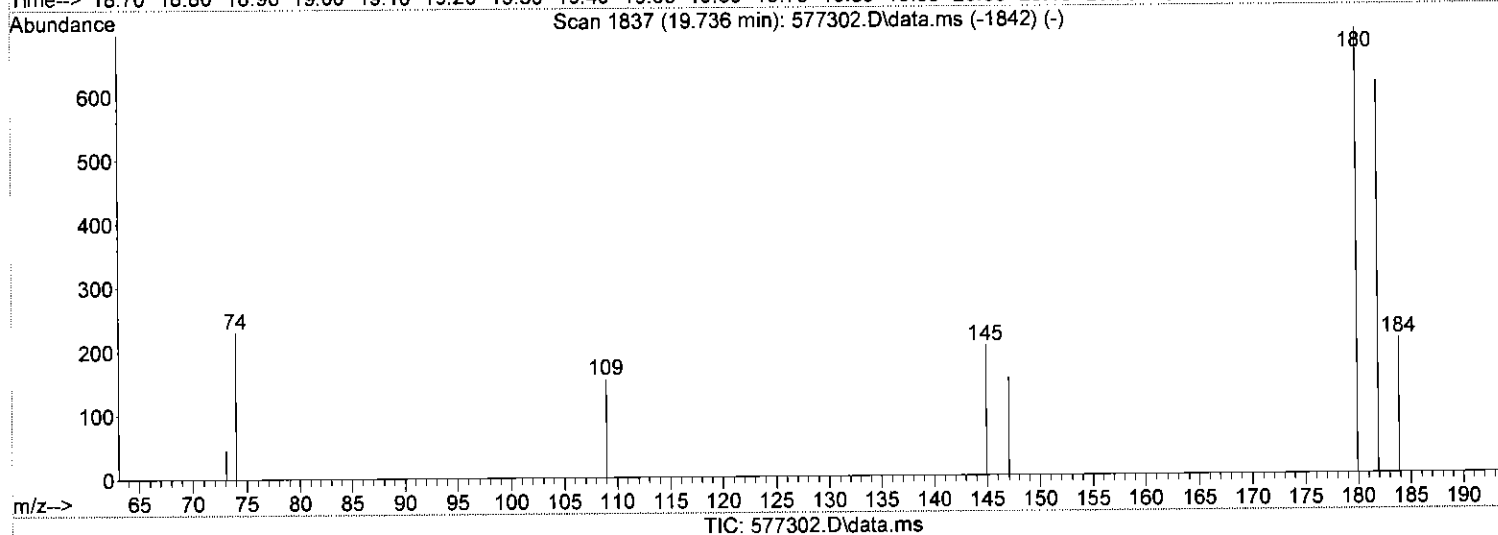
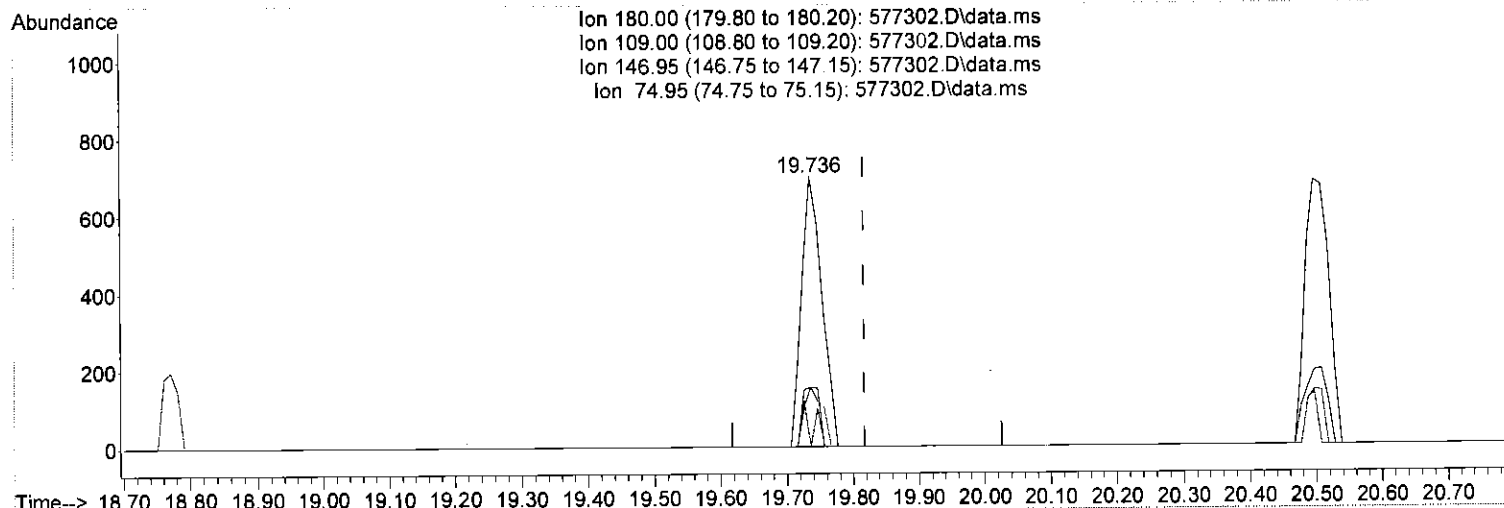
response 272

Ion	Exp%	Act%
156.95	100	100
75.00	80.80	108.24
155.00	77.50	82.97
158.95	24.50	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(77) 124-TRICLBENZENE

19.736min (-0.081) 0.47 µg/L

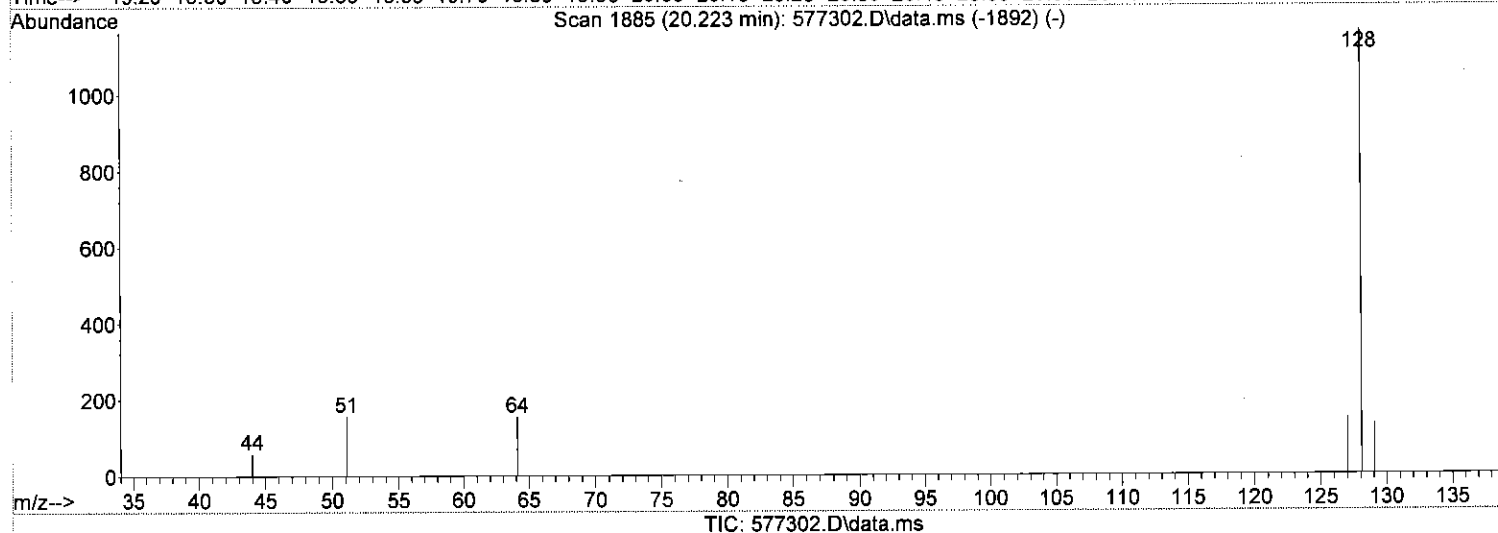
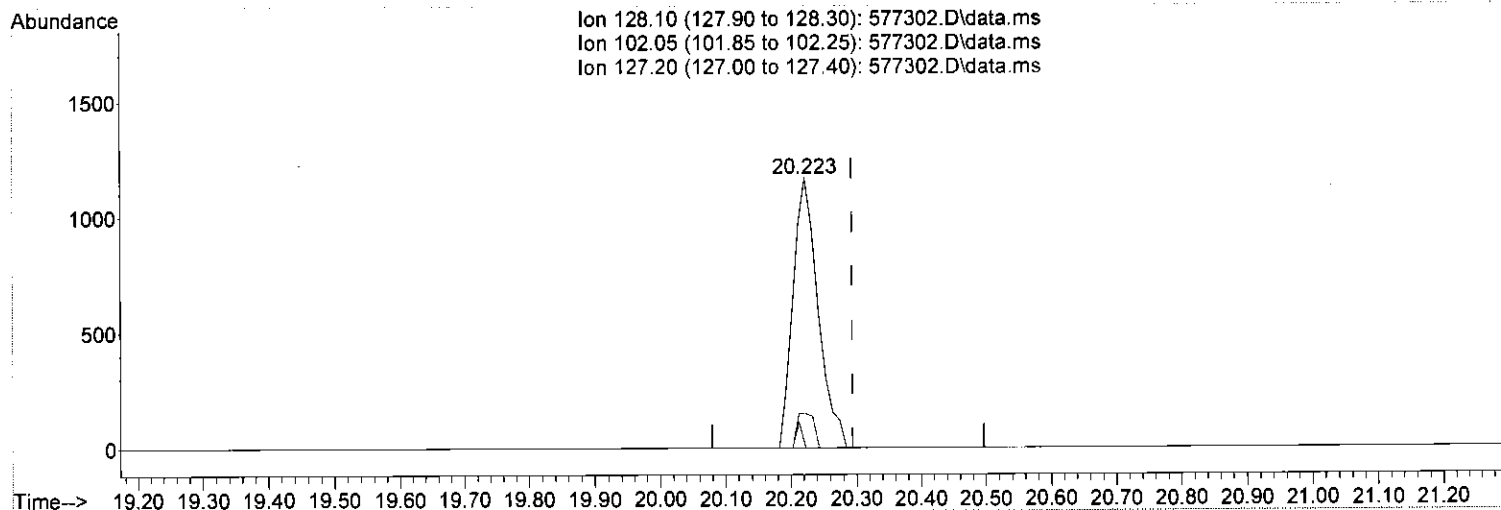
response 1503

Ion	Exp%	Act%
180.00	100	100
109.00	21.00	22.09
146.95	17.40	22.09#
74.95	11.90	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(78) NAPHTHALENE (T)

20.223min (-0.071) 0.32 µg/L

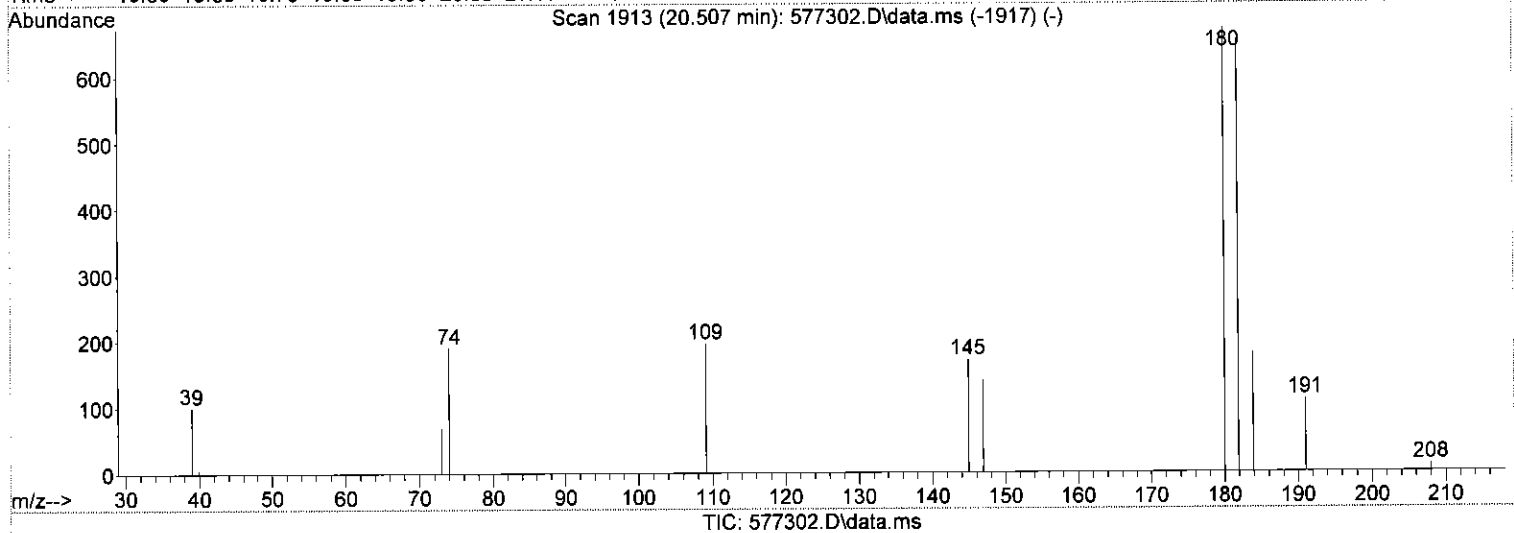
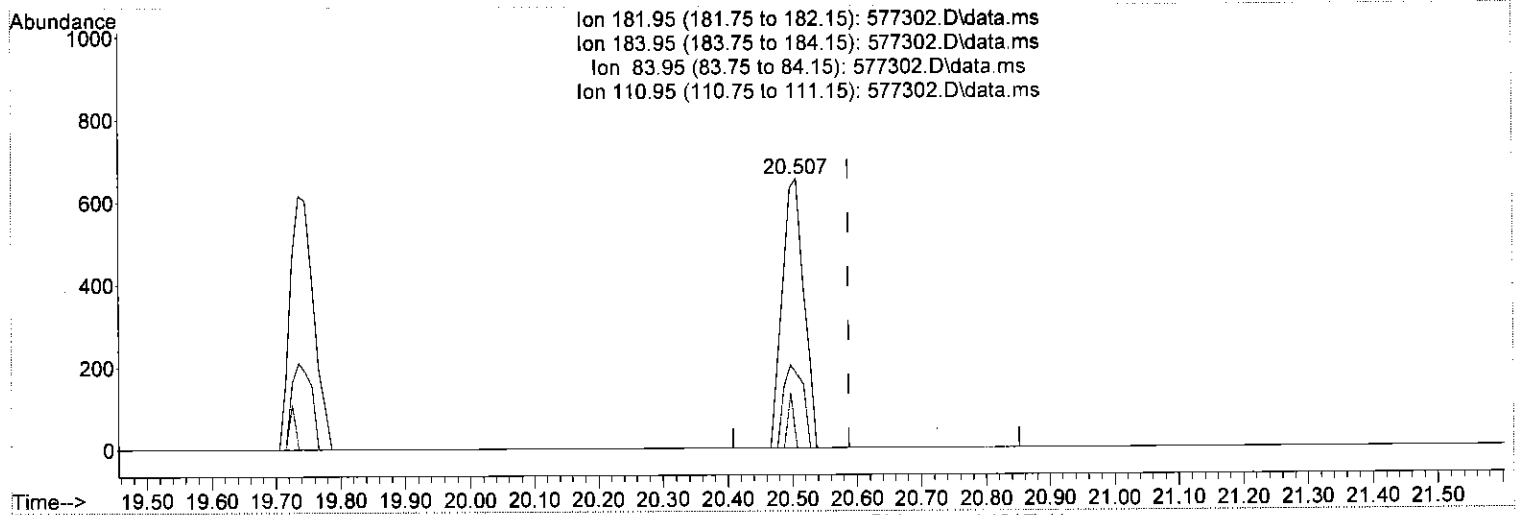
response 3082

Ion	Exp%	Act%
128.10	100	100
102.05	8.70	0.00
127.20	12.50	12.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577302.D
 Acq On : 31 Jan 2018 2:26 pm
 Operator : KMOR
 Sample : MDL/2801073
 Misc : RUN195773
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 01 09:09:35 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration



(80) 123-TRICLBENZENE

20.507min (-0.081) 0.48 µg/L

response 1531

Ion	Exp%	Act%
181.95	100	100
183.95	32.10	27.57
83.95	11.80	0.00
110.95	7.20	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577303.D
 Acq On : 31 Jan 2018 2:52 pm
 Operator : KMOR
 Sample : ICV/2801072
 Misc : RUN195773
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 09:14:24 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	IPENTAFLUOROBENZENE	20.000	20.000	0.0	71	-0.08
2 M	DICLDIFLUOROMETHANE	20.000	22.805	-14.0	73	-0.03
3 P,T	CHLOROMETHANE	20.000	23.186	-15.9	58	-0.03
4 C,T	VINYL CHLORIDE	20.000	22.819	-14.1	73	-0.04
5 T	BROMOMETHANE	20.000	20.813	-4.1	56	-0.03
6 T	CHLOROETHANE	20.000	23.412	-17.1	84	-0.02
7 T	TRICLFLUOROMETHANE	20.000	19.787	1.1	63	0.00
8 T	ACROLEIN	500.000	422.136	15.6	57	-0.06
9 T	ACETONE	100.000	99.240	0.8	71	-0.06
10 C,T	11-DICHLOROETHENE	20.000	23.093	-15.5	76	-0.04
11 T	IODOMETHANE	100.000	118.709	-18.7	117	-0.04
12 T	CARBON DISULFIDE	100.000	119.596	-19.6	77	-0.05
13 T	ACRYLONITRILE	100.000	80.495	19.5	54	-0.07
14 T	DICHLOROMETHANE	20.000	19.823	0.9	51	-0.06
15 T	TRANS12DICLETHENE	20.000	20.463	-2.3	67	-0.05
16 P,T	11-DICHLOROETHANE	20.000	21.072	-5.4	70	-0.06
17	VINYL ACETATE	100.000	84.422	15.6	57	-0.07
18	2-BUTANONE	100.000	82.422	17.6	55	-0.08
19 T	CIS12DICHLOROETHENE	20.000	17.922	10.4	61	-0.07
20 T	22-DICHLOROPROPANE	20.000	22.842	-14.2	76	-0.07
21 C,T	CHLOROFORM	20.000	21.074	-5.4	69	-0.07
22 T	BROMOCHLOROMETHANE	20.000	20.175	-0.9	69	-0.07
23 I	I14-DIFLUOROBENZENE	20.000	20.000	0.0	63	-0.08
24 S	SDIBRFLUOROMETHANE	20.000	23.886	-19.4	73	-0.07
25 T	TETRAHYDROFURAN	20.000	17.276	13.6	50	-0.07
26 T	111-TRICHLOROETHANE	20.000	23.536	-17.7	68	-0.08
27 T	11-DICHLOROPROPENE	20.000	21.425	-7.1	63	-0.08
28 T	12-DICHLOROETHANE	20.000	23.270	-16.3	69	-0.07
29 T	CARBONTETRACHLORIDE	20.000	23.874	-19.4	69	-0.08
30 T	BENZENE	20.000	20.926	-4.6	62	-0.08
31 T	TRICHLOROETHENE	20.000	20.265	-1.3	61	-0.08
32 C,T	12-DICHLOROPROPANE	20.000	20.428	-2.1	61	-0.09
33 T	DIBROMOMETHANE	20.000	18.694	6.5	57	-0.08
34 T	BROMODICLMEthane	20.000	23.719	-18.6	70	-0.09
35 T	2-CLETHYLVINYLETHER	100.000	101.581	-1.6	63	-0.09
36 T	EPICHLOROHYDRIN	500.000	408.313	18.3	48	-0.10
37 T	4METHYL-2-PENTANONE	100.000	92.375	7.6	54	-0.10
38 T	CIS13DICLPROPENE	20.000	20.143	-0.7	60	-0.09
39 S	STOLUENE-D8	20.000	20.874	-4.4	65	-0.09
40 C,T	TOLUENE	20.000	19.242	3.8	57	-0.09
41 T	TRANS13DICLPROPENE	20.000	19.243	3.8	65	-0.09
42 T	112-TRICHLOROETHANE	20.000	20.434	-2.2	62	-0.09
43	2-HEXANONE	100.000	81.388	18.6	47	-0.10
44 T	13-DICHLOROPROPANE	20.000	20.026	-0.1	61	-0.09
45 T	DIBRCHLOROMETHANE	20.000	18.772	6.1	66	-0.09
46 T	TETRACHLOROETHENE	20.000	20.783	-3.9	64	-0.09
47 T	12-DIBROMOETHANE	20.000	19.024	4.9	59	-0.09
48 I	CHLOROENZEN-d5-IS	20.000	20.000	0.0	68	-0.10
49 P,T	CHLOROENZENE	20.000	19.046	4.8	63	-0.10
50	1-CHLOROHEXANE	20.000	17.248	13.8	58	-0.13

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577303.D
 Acq On : 31 Jan 2018 2:52 pm
 Operator : KMOR
 Sample : ICV/2801072
 Misc : RUN195773
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 09:14:24 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
51 T	1112-TETRACLETHANE	20.000	20.080	-0.4	65	-0.11
52 C,T	ETHYLBENZENE	20.000	19.914	0.4	63	-0.10
53 T	MP-XYLENE	40.000	38.628	3.4	62	-0.10
54 T	STYRENE	20.000	18.443	7.8	60	-0.09
55 T	O-XYLENE	20.000	18.423	7.9	59	-0.10
56 P,T	BROMOFORM	20.000	16.170	19.1	67	-0.10
57 P,T	1122-TETRACLETHANE	20.000	19.214	3.9	63	-0.08
58 T	ISOPROPYL BENZENE	20.000	19.068	4.7	60	-0.09
59 S	S4BRFLUOROBENZENE	20.000	20.550	-2.8	68	-0.09
60 T	123-TRICLPROPANE	20.000	18.774	6.1	61	-0.08
61 T	TRANS14DICL2BUTENE	100.000	92.109	7.9	63	-0.08
62 T	BROMOBENZENE	20.000	20.131	-0.7	66	-0.08
63 T	N-PROPYLBENZENE	20.000	20.372	-1.9	66	-0.08
64 T	2-CHLOROTOLUENE	20.000	19.577	2.1	63	-0.08
65 T	4-CHLOROTOLUENE	20.000	19.959	0.2	66	-0.09
66 T	135TRIMETHYLBENZENE	20.000	20.197	-1.0	65	-0.09
67 T	TERT-BUTYLBENZENE	20.000	19.679	1.6	63	-0.08
68 T	124TRIMETHYLBENZENE	20.000	19.658	1.7	63	-0.08
69 T	SEC-BUTYLBENZENE	20.000	20.633	-3.2	65	-0.07
70 T	13-DICHLOROBENZENE	20.000	18.462	7.7	61	-0.07
71 I	I14-DICL2BENZENE-D4	20.000	20.000	0.0	71	-0.09
72 T	4-ISOPROPYLTOLUENE	20.000	19.375	3.1	64	-0.07
73 T	14-DICHLOROBENZENE	20.000	19.662	1.7	66	-0.08
74 T	12-DICHLOROBENZENE	20.000	18.633	6.8	64	-0.07
75 T	N-BUTYLBENZENE	20.000	20.289	-1.4	66	-0.08
76 T	12-DIBR-3CLPROPANE	20.000	20.376	-1.9	77	-0.08
77 T	124-TRICL2BENZENE	20.000	17.965	10.2	61	-0.08
78 T	NAPHTHALENE	20.000	17.863	10.7	61	-0.08
79 T	HEXACHLOROBUTADIENE	20.000	19.448	2.8	63	-0.08
80	123-TRICL2BENZENE	20.000	17.666	11.7	60	-0.09

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577303.D
 Acq On : 31 Jan 2018 2:52 pm
 Operator : KMOR
 Sample : ICV/2801072
 Misc : RUN195773
 ALS Vial : 4 Sample Multiplier: 1

*for integration of peak by
 computer data system DL
 02/01/2018.*

Quant Time: Feb 01 09:14:24 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

*Full - integration
 of peak by
 computer
 using baseline.
 DL 02/01/2018.*

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	251175m	20.00	µg/L	-0.08
23) I14-DIFLUOROBENZENE	8.315	114	340170	20.00	µg/L	-0.08
48) CHLOROBENZENE-d5-IS	13.025	117	323560	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	183975	20.00	µg/L	-0.09

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	163229	23.89	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	=	119.45%	
39) STOLUENE-D8	10.345	98	418179	20.87	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	104.35%	
59) S4BRFLUOROBENZENE	15.269	95	180031	20.55	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	102.75%	

Target Compounds						Qvalue
2) DICLDIFLUOROMETHANE	2.833	85	74429	22.80	µg/L	99
3) CHLOROMETHANE	3.097	50	92689	23.19	µg/L	98
4) VINYL CHLORIDE	3.209	62	77709m	22.82	µg/L	
5) BROMOMETHANE	3.605	94	53053m	20.81	µg/L	
6) CHLOROETHANE	3.747	64	43648m	23.41	µg/L	
7) TRICLFLUOROMETHANE	3.899	101	112753m	19.79	µg/L	
8) ACROLEIN	4.813	56	29708	422.14	µg/L	98
9) ACETONE	5.117	43	125106	99.24	µg/L #	98
10) 11-DICHLOROETHENE	4.467	61	63170	23.09	µg/L	93
11) IODOMETHANE	4.660	142	485523	118.71	µg/L	99
12) CARBON DISULFIDE	4.549	76	884334m	119.60	µg/L	
13) ACRYLONITRILE	5.970	53	150570	80.49	µg/L	98
14) DICHLOROMETHANE	5.077	84	50737m	19.82	µg/L	
15) TRANS12DICLETHENE	5.259	96	59269	20.46	µg/L	97
16) 11-DICHLOROETHANE	5.929	63	125026	21.07	µg/L	99
17) VINYL ACETATE	6.132	43	790415	84.42	µg/L	97
18) 2-BUTANONE	7.178	43	219406	82.42	µg/L	93
19) CIS12DICHLOROETHENE	6.538	96	61960	17.92	µg/L #	80
20) 22-DICHLOROPROPANE	6.670	77	98884	22.84	µg/L	97
21) CHLOROFORM	6.823	83	147412	21.07	µg/L #	100
22) BROMOCHLOROMETHANE	6.782	49	80813	20.18	µg/L #	72
25) TETRAHYDROFURAN	7.066	42	71618	17.28	µg/L	90
26) 111-TRICHLOROETHANE	7.117	97	121677	23.54	µg/L	95
27) 11-DICHLOROPROPENE	7.259	75	80765	21.42	µg/L #	87
28) 12-DICHLOROETHANE	7.828	62	121681	23.27	µg/L #	98
29) CARBONTETRACHLORIDE	7.046	117	102096m	23.87	µg/L	
30) BENZENE	7.574	78	234558	20.93	µg/L #	95
31) TRICHLOROETHENE	8.325	132	58710	20.27	µg/L #	89
32) 12-DICHLOROPROPANE	9.046	63	68063	20.43	µg/L	95
33) DIBROMOMETHANE	8.924	174	41919	18.69	µg/L #	78
34) BROMODICLMEthane	9.107	83	105669	23.72	µg/L	99
35) 2-CLETHYLVINYLETHER	9.889	63	202783m	101.58	µg/L	
36) EPICHLOROHYDRIN	10.416	57	158017	408.31	µg/L	95
37) 4METHYL-2-PENTANONE	10.975	43	459654	92.37	µg/L #	88
38) CIS13DICLPROPENE	10.041	75	94218	20.14	µg/L	88
40) TOLUENE	10.427	91	249048	19.24	µg/L	97
41) TRANS13DICLPROPENE	11.076	75	89397	19.24	µg/L	79
42) 112-TRICHLOROETHANE	11.350	97	65295	20.43	µg/L #	87
43) 2-HEXANONE	12.416	43	286711	81.39	µg/L #	89
44) 13-DICHLOROPROPANE	11.838	76	112311	20.03	µg/L	90
45) DIBRCHLOROMETHANE	11.685	129	73630	18.77	µg/L	99

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577303.D
 Acq On : 31 Jan 2018 2:52 pm
 Operator : KMOR
 Sample : ICV/2801072
 Misc : RUN195773
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 09:14:24 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.086	166	62343	20.78	µg/L #	85
47) 12-DIBROMOETHANE	12.132	107	60715	19.02	µg/L	100
49) CHLOROBENZENE	13.056	112	171240	19.05	µg/L	81
50) 1-CHLOROHEXANE	12.954	91	75404	17.25	µg/L #	53
51) 1112-TETRACLETHANE	13.147	131	66545	20.08	µg/L	94
52) ETHYLBENZENE	13.066	91	288439	19.91	µg/L	96
53) MP-XYLENE	13.330	91	465637	38.63	µg/L	91
54) STYRENE	14.274	104	161342	18.44	µg/L	92
55) O-XYLENE	14.173	91	225808	18.42	µg/L	94
56) BROMOFORM	14.355	173	51966m①	16.17	µg/L	
57) 1122-TETRACLETHANE	15.584	83	112161	19.21	µg/L	98
58) ISOPROPYL BENZENE	14.751	105	263711	19.07	µg/L	93
60) 123-TRICLPROPANE	15.817	110	31767	18.77	µg/L	93
61) TRANS14DICL2BUTENE	15.868	53	71902	92.11	µg/L #	79
62) BROMOBENZENE	15.462	77	149321	20.13	µg/L	75
63) N-PROPYLBENZENE	15.472	91	342876	20.37	µg/L	92
64) 2-CHLOROTOLUENE	15.756	91	237159	19.58	µg/L	87
65) 4-CHLOROTOLUENE	16.010	91	213639	19.96	µg/L	89
66) 135TRIMETHYLBENZENE	15.777	105	257597	20.20	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	196359	19.68	µg/L	89
68) 124TRIMETHYLBENZENE	16.396	105	244879	19.66	µg/L	93
69) SEC-BUTYLBENZENE	16.568	105	290188	20.63	µg/L	98
70) 13-DICHLOROBENZENE	16.924	146	122475	18.46	µg/L	94
72) 4-ISOPROPYLTOLUENE	16.772	119	236601	19.38	µg/L	97
73) 14-DICHLOROBENZENE	17.046	146	137419	19.66	µg/L	84
74) 12-DICHLOROBENZENE	17.655	146	132458	18.63	µg/L	94
75) N-BUTYLBENZENE	17.381	91	226287	20.29	µg/L	94
76) 12-DIBR-3CLPROPANE	18.771	157	23064m①	20.38	µg/L	
77) 124-TRICLBENZENE	19.736	180	78028	17.97	µg/L #	94
78) NAPHTHALENE	20.213	128	231116m①	17.86	µg/L	
79) HEXACHLOROBUTADIENE	19.665	225	34509	19.45	µg/L	98
80) 123-TRICLBENZENE	20.497	182	75804	17.67	µg/L	96

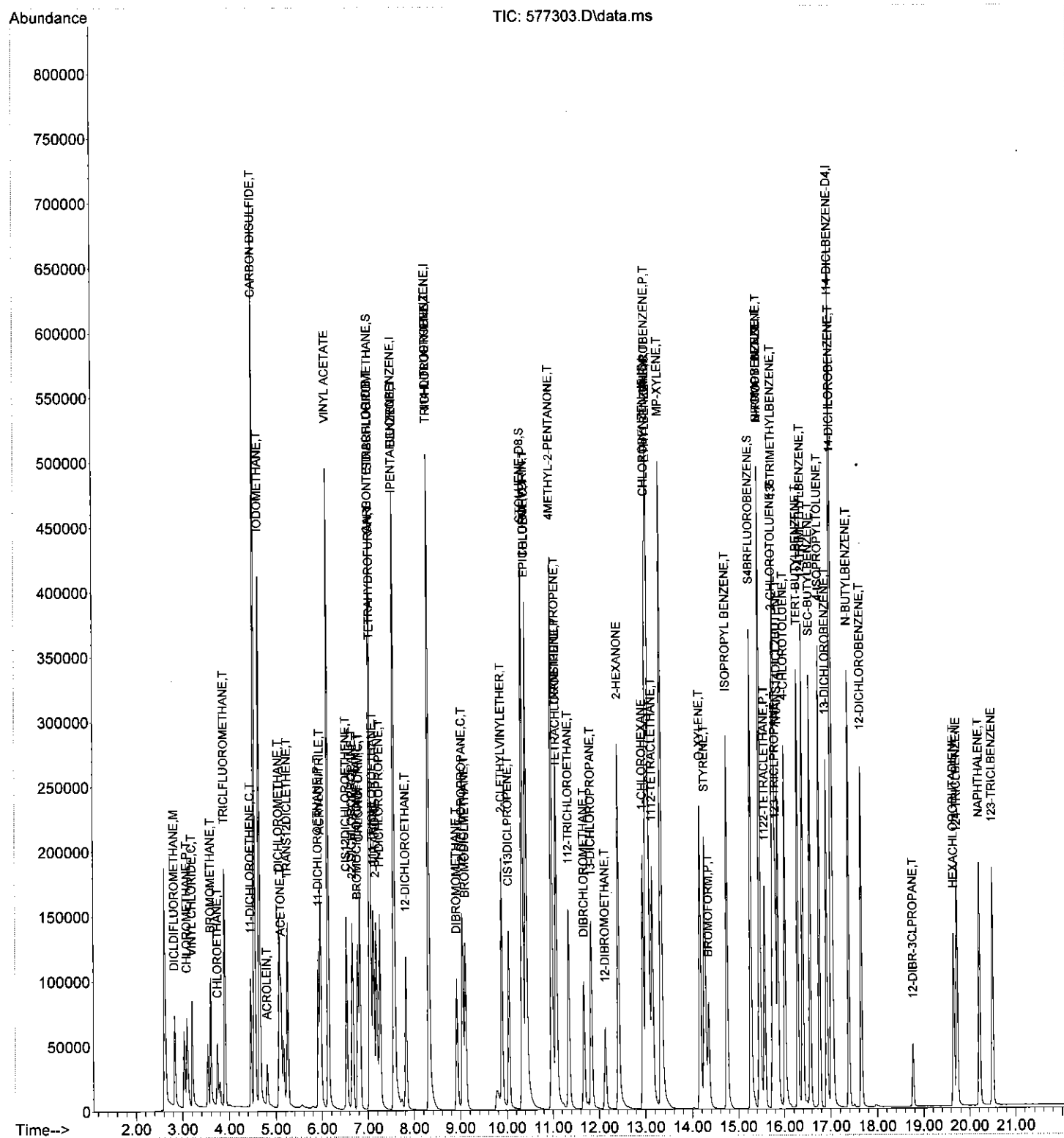
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*For integration of peak by computer
 data system. PL 02/01/13.*

(OT Reviewed)

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Data Path   : C:\msdchem\1\DATA\195773\
Data File   : 577303.D
Acq On      : 31 Jan 2018    2:52 pm
Operator    : KMOR
Sample      : ICV/2801072
Misc        : RUN195773
ALS Vial    : 4      Sample Multiplier: 1
```

Quant Time: Feb 01 09:14:24 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577308.D
 Acq On : 31 Jan 2018 5:01 pm
 Operator : KMOR
 Sample : FB 012518/2798590
 Misc : RUN195717
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 01 09:15:26 2018

Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	229235	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.325	114	369053	20.00	µg/L	-0.07
48) CHLOROBENZENE-d5-IS	13.025	117	312102	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	144806	20.00	µg/L	-0.09

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.056	111	164812	22.23	µg/L	-0.07
Spiked Amount	20.000	Range	80 - 120	Recovery	=	111.15%
39) STOLUENE-D8	10.345	98	431562	19.86	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.30%
59) S4BRFLUOROBENZENE	15.269	95	156832	18.56	µg/L	-0.09
Spiked Amount	20.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

						Qvalue
2) DICLDIFLUOROMETHANE	2.833	85	199	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.604	94	629	N.D.		
6) CHLOROETHANE	0.000		0	N.D.	d	
7) TRICLFLUOROMETHANE	3.899	101	330	N.D.		
8) ACROLEIN	0.000		0	N.D.	d	
9) ACETONE	5.117	43	10780	9.37	µg/L	96
10) 11-DICHLOROETHENE	4.467	61	64	N.D.		
11) IODOMETHANE	0.000		0	N.D.	d	
12) CARBON DISULFIDE	0.000		0	N.D.	d	
13) ACRYLONITRILE	5.980	53	152	N.D.		
14) DICHLOROMETHANE	0.000		0	N.D.	d	
15) TRANS12DICLETHENE	5.259	96	228	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.142	43	472	N.D.		
18) 2-BUTANONE	7.198	43	429	N.D.		
19) CIS12DICHLOROETHENE	6.538	96	61	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	6.823	83	582	N.D.		
22) BROMOCHLOROMETHANE	6.823	49	762	N.D.		
25) TETRAHYDROFURAN	7.015	42	71	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	7.259	75	69	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	6.975	117	515	N.D.		
30) BENZENE	7.584	78	419	N.D.		
31) TRICHLOROETHENE	8.325	132	136	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	0.000		0	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.	d	
37) 4METHYL-2-PENTANONE	10.975	43	639	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.426	91	686	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	12.426	43	1290	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		
45) DIBRCHLOROMETHANE	0.000		0	N.D.		

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577308.D
 Acq On : 31 Jan 2018 5:01 pm
 Operator : KMOR
 Sample : FB 012518/2798590
 Misc : RUN195717
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 01 09:15:26 2018

Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M

Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS

QLast Update : Thu Jan 25 13:53:13 2018

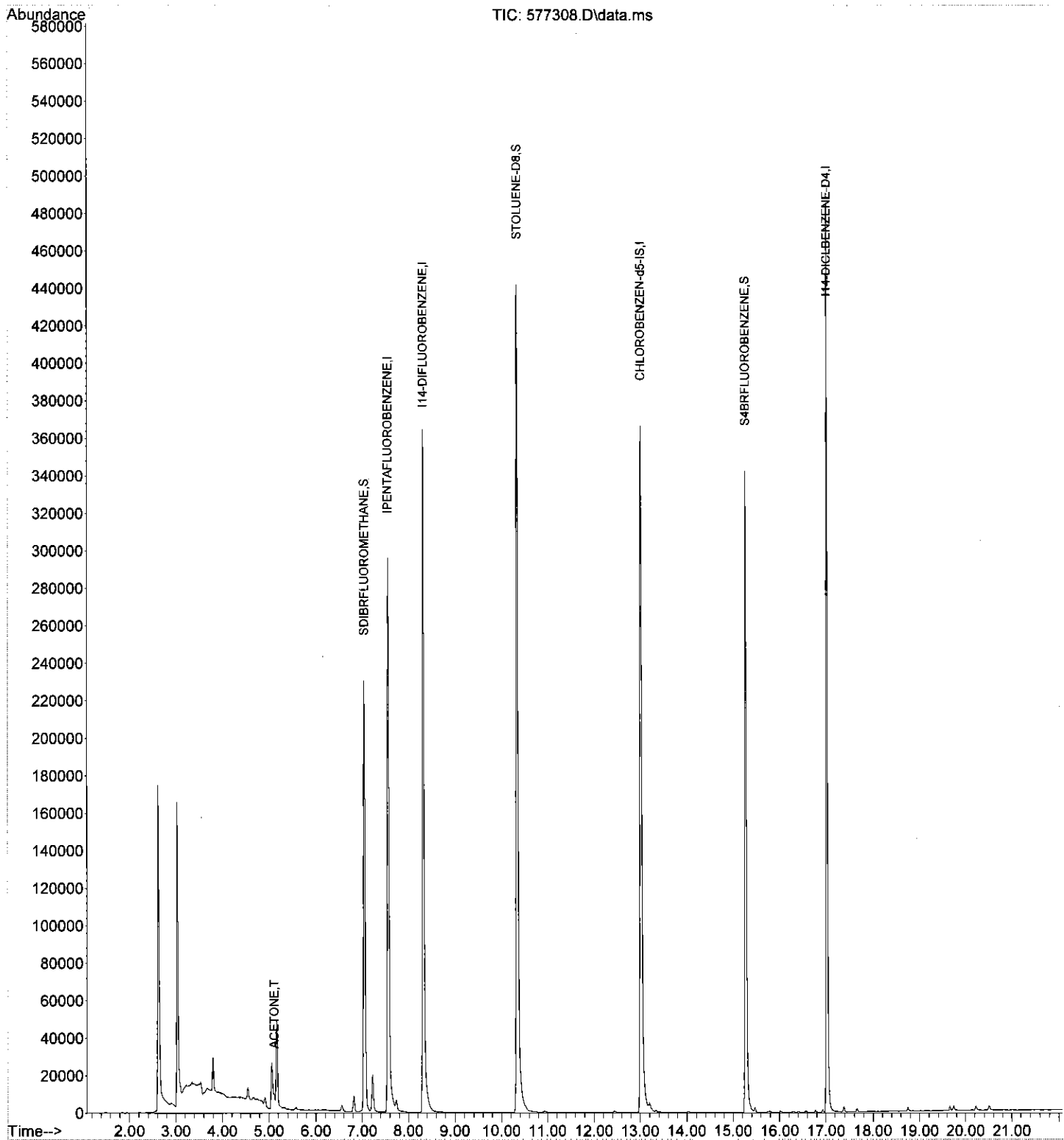
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.076	166	61	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	13.046	112	320	N.D.		
50) 1-CHLOROHEXANE	12.954	91	66	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.066	91	1662	N.D.		
53) MP-XYLENE	13.340	91	1288	N.D.		
54) STYRENE	14.284	104	143	N.D.		
55) O-XYLENE	14.162	91	311	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	14.751	105	353	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.472	77	643	N.D.		
63) N-PROPYLBENZENE	15.472	91	1871	N.D.		
64) 2-CHLOROTOLUENE	15.756	91	725	N.D.		
65) 4-CHLOROTOLUENE	16.020	91	977	N.D.		
66) 135TRIMETHYLBENZENE	15.777	105	664	N.D.		
67) TERT-BUTYLBENZENE	16.284	119	357	N.D.		
68) 124TRIMETHYLBENZENE	16.406	105	653	N.D.		
69) SEC-BUTYLBENZENE	16.568	105	1082	N.D.		
70) 13-DICHLOROBENZENE	16.934	146	805	N.D.		
72) 4-ISOPROPYLTOLUENE	16.771	119	1025	N.D.		
73) 14-DICHLOROBENZENE	17.045	146	1720	N.D.		
74) 12-DICHLOROBENZENE	17.655	146	888	N.D.		
75) N-BUTYLBENZENE	17.391	91	2327	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	19.736	180	1308	N.D.		
78) NAPHTHALENE	20.223	128	2967	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D. d		
80) 123-TRICLBENZENE	20.507	182	1459	N.D.		

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

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577308.D
Acq On : 31 Jan 2018 5:01 pm
Operator : KMOR
Sample : FB 012518/2798590
Misc : RUN195717
ALS Vial : 9 Sample Multiplier: 1

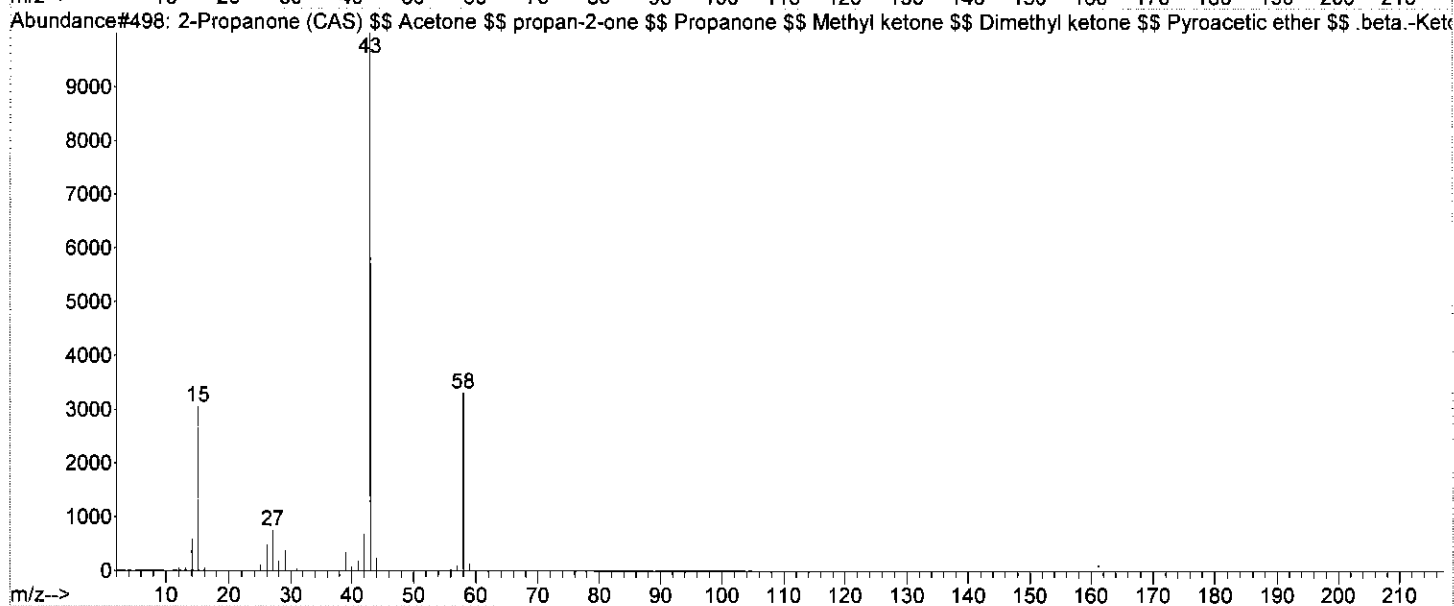
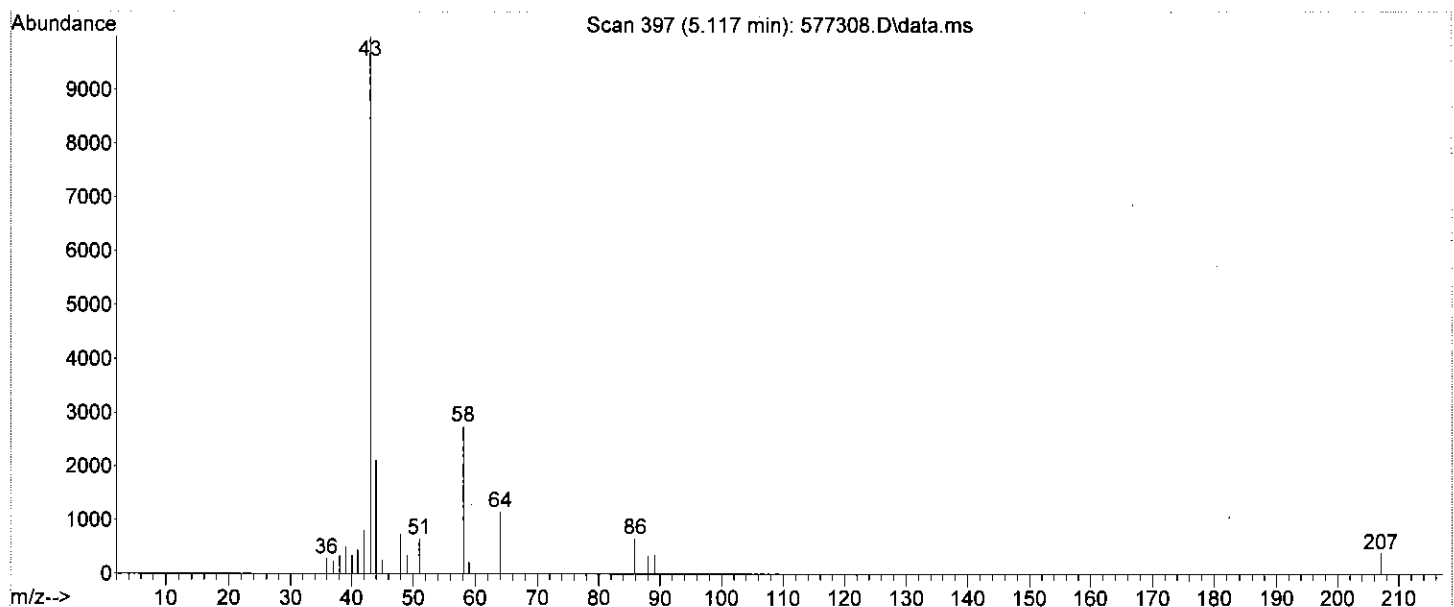
Quant Time: Feb 01 09:15:26 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH3)2CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577309.D
 Acq On : 31 Jan 2018 5:27 pm
 Operator : KMOR
 Sample : LFB
 Misc : RUN195773
 ALS Vial : 10 Sample Multiplier: 1

*Over-integration of peak due
 noisy baseline. DDE 02/01/18.*

Quant Time: Feb 01 09:17:30 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.564	168	229516	20.00	µg/L	#-0.08
23) I14-DIFLUOROBENZENE	8.315	114	369425	20.00	µg/L	-0.08
48) CHLOROBENZEN-d5-IS	13.025	117	331760	20.00	µg/L	-0.10
71) I14-DICLBENZENE-D4	17.025	152	178732	20.00	µg/L	-0.09
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.056	111	171398	23.10	µg/L	-0.07
Spiked Amount	20.000	Range 80 - 120	Recovery	=	115.50%	
39) STOLUENE-D8	10.345	98	438466	20.15	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	100.75%	
59) S4BRFLUOROBENZENE	15.269	95	177027	19.71	µg/L	-0.09
Spiked Amount	20.000	Range 80 - 120	Recovery	=	98.55%	
Target Compounds						
						Qvalue
2) DICLDFLUOROMETHANE	2.843	85	30737	10.31	µg/L	99
3) CHLOROMETHANE	3.097	50	44282	12.12	µg/L	96
4) VINYL CHLORIDE	3.209	62	34899	11.22	µg/L	98
5) BROMOMETHANE	3.604	94	28281m	11.81	µg/L	
6) CHLOROETHANE	3.747	64	17399m	10.21	µg/L	
7) TRICLFLUOROMETHANE	3.909	101	68408	13.14	µg/L	99
8) ACROLEIN	4.812	56	18030	280.37	µg/L	99
9) ACETONE	5.117	43	66425	57.66	µg/L	# 97
10) 11-DICHLOROETHENE	4.467	61	32039m	12.82	µg/L	
11) IODOMETHANE	4.660	142	210588m	56.35	µg/L	
12) CARBON DISULFIDE	4.549	76	395559m	58.54	µg/L	
13) ACRYLONITRILE	5.970	53	87945	51.45	µg/L	99
14) DICHLOROMETHANE	5.076	84	21165m	9.05	µg/L	
15) TRANS12DICLETHENE	5.259	96	31279m	11.82	µg/L	
16) 11-DICHLOROETHANE	5.929	63	68024m	12.55	µg/L	
17) VINYL ACETATE	6.132	43	467214	54.61	µg/L	# 96
18) 2-BUTANONE	7.178	43	127051	52.23	µg/L	92
19) CIS12DICHLOROETHENE	6.538	96	38460	12.17	µg/L	# 81
20) 22-DICHLOROPROPANE	6.670	77	49173m	12.43	µg/L	
21) CHLOROFORM	6.823	83	70318m	11.00	µg/L	
22) BROMOCHLOROMETHANE	6.782	49	42332m	11.57	µg/L	
25) TETRAHYDROFURAN	7.066	42	42561	9.45	µg/L	90
26) 111-TRICHLOROETHANE	7.127	97	72270	12.87	µg/L	98
27) 11-DICHLOROPROPENE	7.259	75	48819	11.92	µg/L	# 87
28) 12-DICHLOROETHANE	7.828	62	72929	12.84	µg/L	# 97
29) CARBONTETRACHLORIDE	7.046	117	63077	13.58	µg/L	99
30) BENZENE	7.574	78	143749	11.81	µg/L	# 95
31) TRICHLOROETHENE	8.325	132	36394	11.57	µg/L	# 88
32) 12-DICHLOROPROPANE	9.046	63	41754	11.54	µg/L	96
33) DIBROMOMETHANE	8.924	174	26352	10.82	µg/L	# 78
34) BROMODICLMETHANE	9.107	83	62527	12.92	µg/L	99
35) 2-CLETHYLVINYLETHER	9.888	63	52448	24.19	µg/L	# 88
36) EPICHLOROHYDRIN	10.416	57	86681	206.25	µg/L	92
37) 4METHYL-2-PENTANONE	10.975	43	262375	48.55	µg/L	# 88
38) CIS13DICLPROPENE	10.041	75	54522	10.73	µg/L	90
40) TOLUENE	10.426	91	148015	10.53	µg/L	96
41) TRANS13DICLPROPENE	11.076	75	48673	9.65	µg/L	79
42) 112-TRICHLOROETHANE	11.350	97	39129	11.28	µg/L	88
43) 2-HEXANONE	12.416	43	155174	40.56	µg/L	# 90
44) 13-DICHLOROPROPANE	11.838	76	65851	10.81	µg/L	90
45) DIBRCHLOROMETHANE	11.685	129	42399	9.95	µg/L	99

Data Path : C:\msdchem\1\DATA\195773\
 Data File : 577309.D
 Acq On : 31 Jan 2018 5:27 pm
 Operator : KMOR
 Sample : LFB
 Misc : RUN195773
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 01 09:17:30 2018
 Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
 Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
 QLast Update : Thu Jan 25 13:53:13 2018
 Response via : Initial Calibration

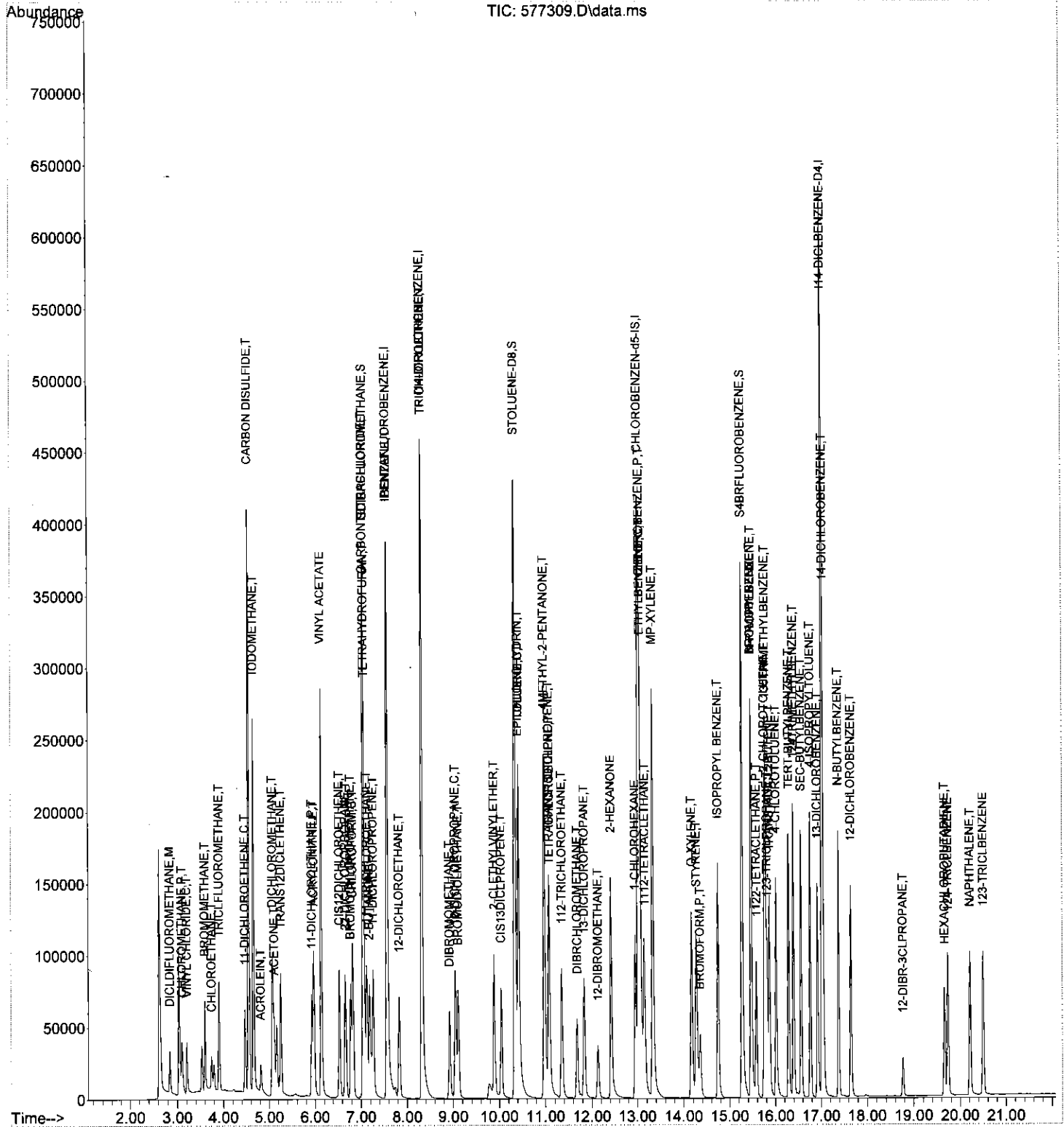
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.086	166	36269	11.13	µg/L #	85
47) 12-DIBROMOETHANE	12.132	107	35813	10.33	µg/L	100
49) CHLOROBENZENE	13.056	112	101009	10.96	µg/L	79
50) 1-CHLOROHEXANE	12.954	91	43243	9.65	µg/L #	58
51) 1112-TETRACLETHANE	13.157	131	38480	11.32	µg/L	89
52) ETHYLBENZENE	13.066	91	168447	11.34	µg/L	95
53) MP-XYLENE	13.330	91	266656	21.57	µg/L	91
54) STYRENE	14.274	104	90256	10.06	µg/L	92
55) O-XYLENE	14.172	91	125437	9.98	µg/L	93
56) BROMOFORM	14.355	173	26804	8.13	µg/L	98
57) 1122-TETRACLETHANE	15.584	83	64573	10.79	µg/L	98
58) ISOPROPYL BENZENE	14.751	105	146299	10.32	µg/L	93
60) 123-TRICLPROPANE	15.817	110	18062	10.41	µg/L	93
61) TRANS14DICL2BUTENE	15.868	53	39778	49.70	µg/L #	76
62) BROMOBENZENE	15.462	77	85277	11.21	µg/L	76
63) N-PROPYLBENZENE	15.472	91	191198	11.08	µg/L	92
64) 2-CHLOROTOLUENE	15.756	91	132210	10.64	µg/L	84
65) 4-CHLOROTOLUENE	16.010	91	117776	10.73	µg/L	89
66) 135TRIMETHYLBENZENE	15.776	105	142756	10.92	µg/L	92
67) TERT-BUTYLBENZENE	16.294	119	105914	10.35	µg/L	88
68) 124TRIMETHYLBENZENE	16.396	105	133633	10.46	µg/L	93
69) SEC-BUTYLBENZENE	16.568	105	158172	10.97	µg/L	98
70) 13-DICHLOROBENZENE	16.924	146	68555	10.08	µg/L	96
72) 4-ISOPROPYLTOLUENE	16.771	119	129322	10.90	µg/L	96
73) 14-DICHLOROBENZENE	17.045	146	78560	11.57	µg/L #	78
74) 12-DICHLOROBENZENE	17.655	146	74584	10.80	µg/L	95
75) N-BUTYLBENZENE	17.380	91	123965	11.44	µg/L	94
76) 12-DIBR-3CLPROPANE	18.771	157	8946	8.14	µg/L	95
77) 124-TRICLBENZENE	19.736	180	43275	10.26	µg/L #	93
78) NAPHTHALENE	20.213	128	109730	8.73	µg/L	99
79) HEXACHLOROBUTADIENE	19.665	225	19973	11.59	µg/L	99
80) 123-TRICLBENZENE	20.497	182	42135	10.11	µg/L	96

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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\195773\
Data File : 577309.D
Acq On : 31 Jan 2018 5:27 pm
Operator : KMOR
Sample : LFB
Misc : RUN195773
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 01 09:17:30 2018
Quant Method : C:\msdchem\1\METHODS\8260VOC-JAN2-LIQ-18.M
Quant Title : Analysis of VOC'S by EPA 8260B Inst : V7-AG7890MS
QLast Update : Thu Jan 25 13:53:13 2018
Response via : Initial Calibration .



APPENDIX 4

HISTORICAL GROUNDWATER MONITORING DATA

GROUNDWATER SAMPLING REPORT – JANUARY 2018

PFIZER PHARMACEUTICALS LLC

BARCELONETA, PUERTO RICO

E175487

WELL MW-1 HISTORICAL GROUNDWATER MONITORING DATA
GROUNDWATER SAMPLING REPORT - JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO

MW-1	Period: Feb-03 Jun-03 Jul-03 Jan-05 Oct-06 RL Jan-07 Oct-09 Mar-10 Jun-10 MDL Feb-13 MDL											
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs	MCL											
Benzene	5	3U	3U	0.46	5U	5	5U	0.8	0.9	0.3	0.7	0.3
Chlorobenzene	100	146J	33.2	67.7	197	370	450	320	223	2.0	84.3	109
Chloroform	70 ^{1/}	8J	17.1	13.9	1U	8.5	11U	8.2	3.4	0.3	0.6	0.3

MW-1	Period: Aug-16 MDL Dec-16 MDL Mar-17 MDL Jul-17 MDL Jan-18 MDL											
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs	MCL											
Benzene	5	ND	1.2	1.3	1.2	1.2	ND	1.2	1.2	1.2	1.2	1.2
Chlorobenzene	100	120	1.2	163	1.2	22.2	1.2	61.4	1.2	8.20	1.2	1.2
Chloroform	70 ^{1/}	1.8	1.2	4.7	1.2	ND	1.2	ND	1.2	ND	1.2	1.2

Notes:

- 1/ Maximum Contaminant Level Goal for chloroform.
- ug/L Micrograms per liter.
- MCL Maximum Contaminant Level.
- RL Reporting Limit.
- MDL Method Detection Limit.
- ND Not detected.
- U Compound not detected at concentration listed.
- J Result shown is estimated.
- Analyte concentrations in bold exceeds MCL.

**WELL MW-2 HISTORICAL GROUNDWATER MONITORING DATA
GROUNDWATER SAMPLING REPORT - JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO**

MW-2	Period: Feb-03 Jun-03 Jul-03 Jan-05 Oct-06 RL Jan-07 Oct-09 Mar-10 Jun-10 MDL Feb-13 MDL											
	Units: (ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs	MCL											
Benzene	5	1	1.3J	1.5J	0.9	5U	5	5U	ND	0.3	0.9	ND
Chlorobenzene	100	177J	239	216	89.5	63	5	76	70.1	81.3	107	25.4
Chloroform	70 ^{1/}	3UJ	3U	3U	1U	5U	5	5U	ND	ND	ND	ND

MW-2	Period: Aug-16 MDL Dec-16 MDL Mar-17 MDL Jul-17 MDL Jan-18 MDL											
	Units: (ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs	MCL											
Acetone	NA	ND	6.0	ND	6.0	ND	6.0	ND	6.0	6.80	6.0	6.0
Benzene	5	ND	1.2	BDL	1.2	BDL	1.2	BDL	1.2	ND	1.2	1.2
Chlorobenzene	100	30.3	1.2	36.3	1.2	32.8	1.2	33.7	1.2	20.4	1.2	1.2
Chloroform	70 ^{1/}	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	1.2

Notes:

- ^{1/} Maximum Contaminant Level Goal for chloroform.
- ug/L Micrograms per liter.
- MCL Maximum Contaminant Level.
- RL Reporting Limit.
- MDL Method Detection Limit.
- ND Not detected.
- BDL Below detection limit.
- U Compound not detected at concentration listed.
- J Result shown is estimated.
- Analyte concentrations in bold exceeds MCL.

WELL MW-3 HISTORICAL GROUNDWATER MONITORING DATA
GROUNDWATER SAMPLING REPORT - JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO

MW-3	Period:		Oct-06	RL	Jan-07	Oct-09	Mar-10	Jun-10	Feb-13	MDL
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	VOCs									
Benzene	5	5U	5	5U	2/	2/	2/	2/	ND	0.3
Chlorobenzene	100	5U	5	5U	2/	2/	2/	2/	ND	0.2
Chloroform	70 ^{1/}	5U	5	5U	2/	2/	2/	2/	ND	0.3

MW-3	Period:		Aug-16	MDL	Dec-16	Mar-17	Jul-17
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	VOCs						
Benzene	5	ND	1.2	2/	2/	2/	
Chlorobenzene	100	ND	1.2	2/	2/	2/	
Chloroform	70 ^{1/}	4	1.2	2/	2/	2/	

Notes:

- ^{1/} Maximum Contaminant Level Goal for chloroform.
- ^{2/} Well not included in sampling event for this period.
- ug/L Micrograms per liter.
- MCL Maximum Contaminant Level.
- RL Reporting Limit.
- MDL Method Detection Limit.
- ND Not detected.
- U Compound not detected at concentration listed.

WELL MW-5 HISTORICAL GROUNDWATER MONITORING DATA
GROUNDWATER SAMPLING REPORT - JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO

MW-5	Period:		Oct-06	RL	Jan-07	Oct-09	Mar-10	Jun-10	Feb-13	Aug-16	MDL
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	VOCs										

MW-5	Period:											
	Dec-16		Mar-17		Jul-17		Jan-18		MDL		MDL	
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MCL												
VOCs												
Benzene	5	ND	1.2	ND	1.2	ND	ND	1.2	ND	1.2	1.2	1.2
Chlorobenzene	100	ND	1.2	ND	1.2	ND	ND	1.2	ND	1.2	1.2	1.2
Chloroform	70 ^{1/}	ND	1.2	ND	1.2	ND	ND	1.2	ND	1.2	1.2	1.2

Notes:

- ^{1/} Maximum Contaminant Level Goal for chloroform.
- ug/L Micrograms per liter.
- MCL Maximum Contaminant Level.
- RL Reporting Limit.
- MDL Method Detection Limit.
- ND Not detected.
- U Compound not detected at concentration listed.

WELL MW-6 HISTORICAL GROUNDWATER MONITORING DATA
GROUNDWATER SAMPLING REPORT - JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO

MW-6	Period:		RL	Jan-07 (ug/L)	Oct-09 (ug/L)	Mar-10 (ug/L)	Jun-10 (ug/L)	Feb-13 (ug/L)	MDL (ug/L)
	Units:	Oct-06 (ug/L)							
	MCL								
Acetone	NA	10U	10	ND	ND	ND	ND	ND	2.0
Benzene	5	5U	5	5U	ND	ND	ND	ND	0.3
Chlorobenzene	100	48	5	25	23.1	24.2	9.6	8.2	0.2
Chloroform	70 ^{1/}	5U	5	5U	ND	ND	ND	ND	0.3

MW-6	Period:		Aug-16	MDL	Dec-16	MDL	Mar-17	MDL	Jul-17	MDL	Jan-18	MDL
	Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
	MCL											
VOCs												
Acetone	NA	ND	6.0	ND	ND	6.0	17.3	6.0	ND	6.0	BDL	6.0
Benzene	5	ND	1.2	ND	ND	1.2	ND	1.2	ND	1.2	ND	1.2
Chlorobenzene	100	7.1	1.2	7.5	1.2	1.2	3.7	1.2	1.70J	1.2	BDL	1.2
Chloroform	70 ^{1/}	ND	1.2	ND	ND	1.2	ND	1.2	ND	1.2	ND	1.2

Notes:

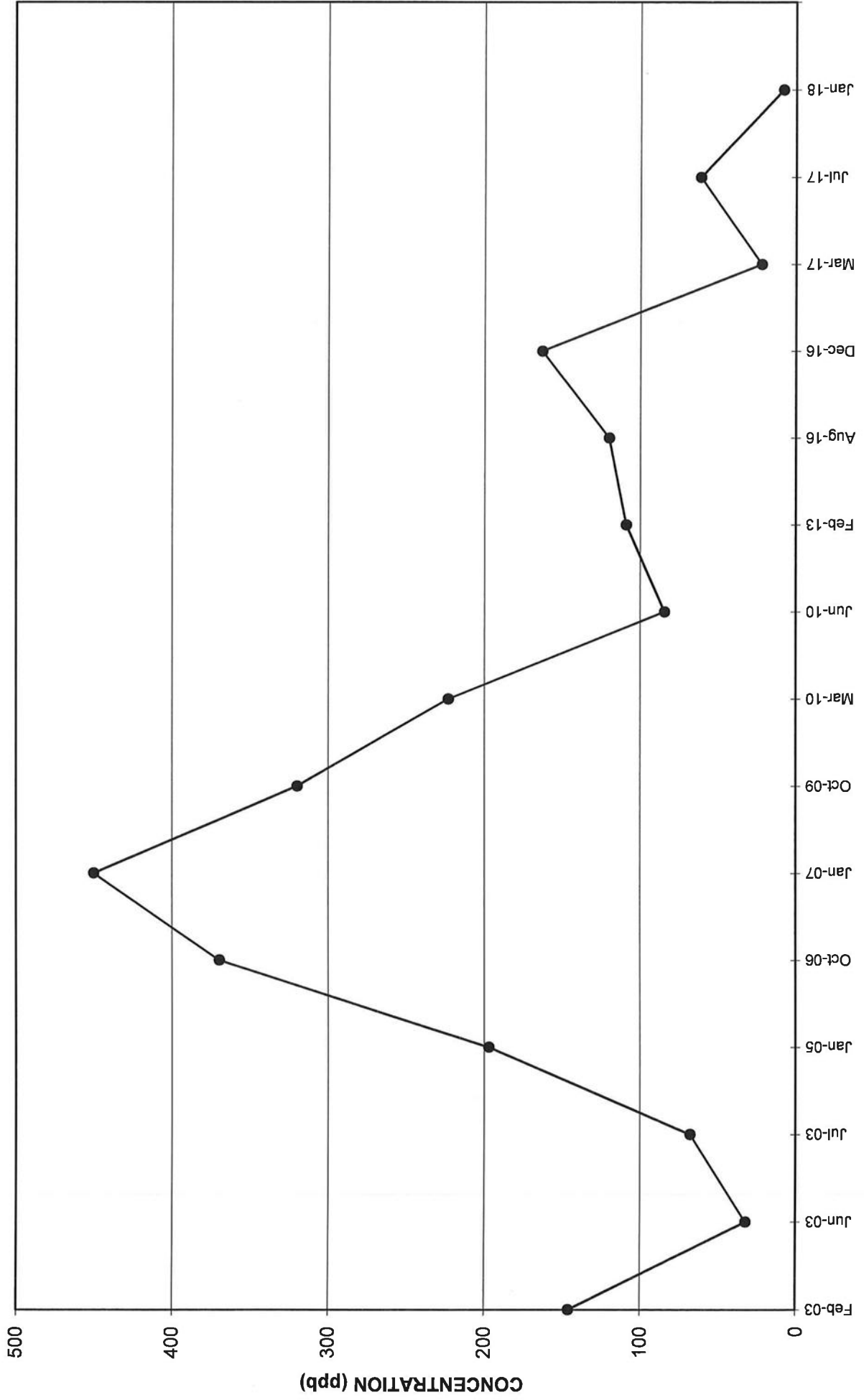
- 1/ Maximum Contaminant Level Goal for chloroform.
- ug/L Micrograms per liter.
- MCL Maximum Contaminant Level
- RL Reporting Limit.
- MDL Method Detection Limit.
- ND Not detected.
- BDL Below detection limit.
- U Compound not detected at concentration listed.
- J Result shown is estimated.

APPENDIX 5

**CHLOROBENZENE CONCENTRATIONS VS. TIME GRAPHS
FOR MONITORING WELLS**

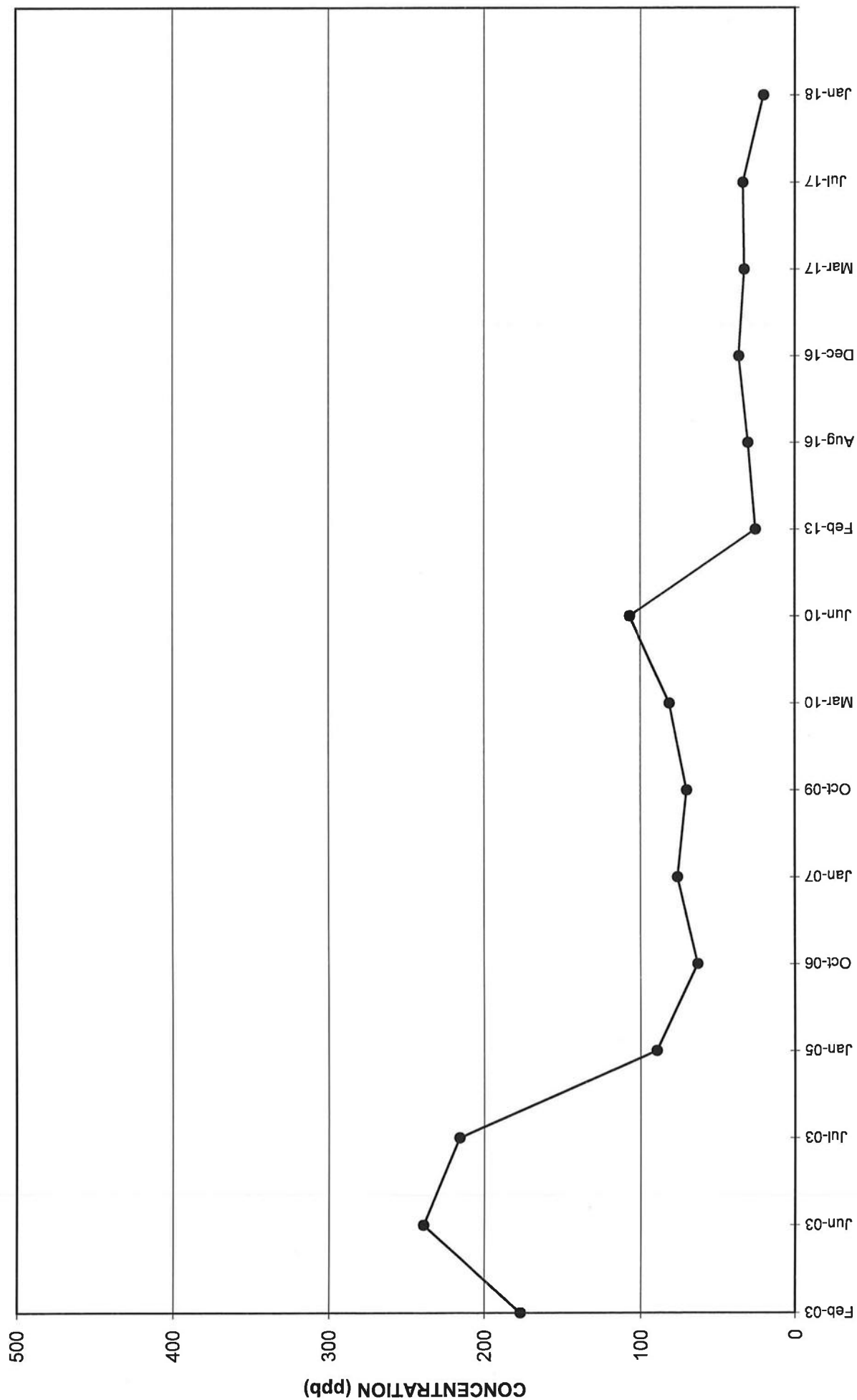
**GROUNDWATER SAMPLING REPORT – JANUARY 2018
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E175487**

MONITORING WELL MW-1
CHLOROBENZENE IN GROUNDWATER - FEBRUARY 2003 TO JANUARY 2018
GROUNDWATER MONITORING REPORT - JANUARY 2018



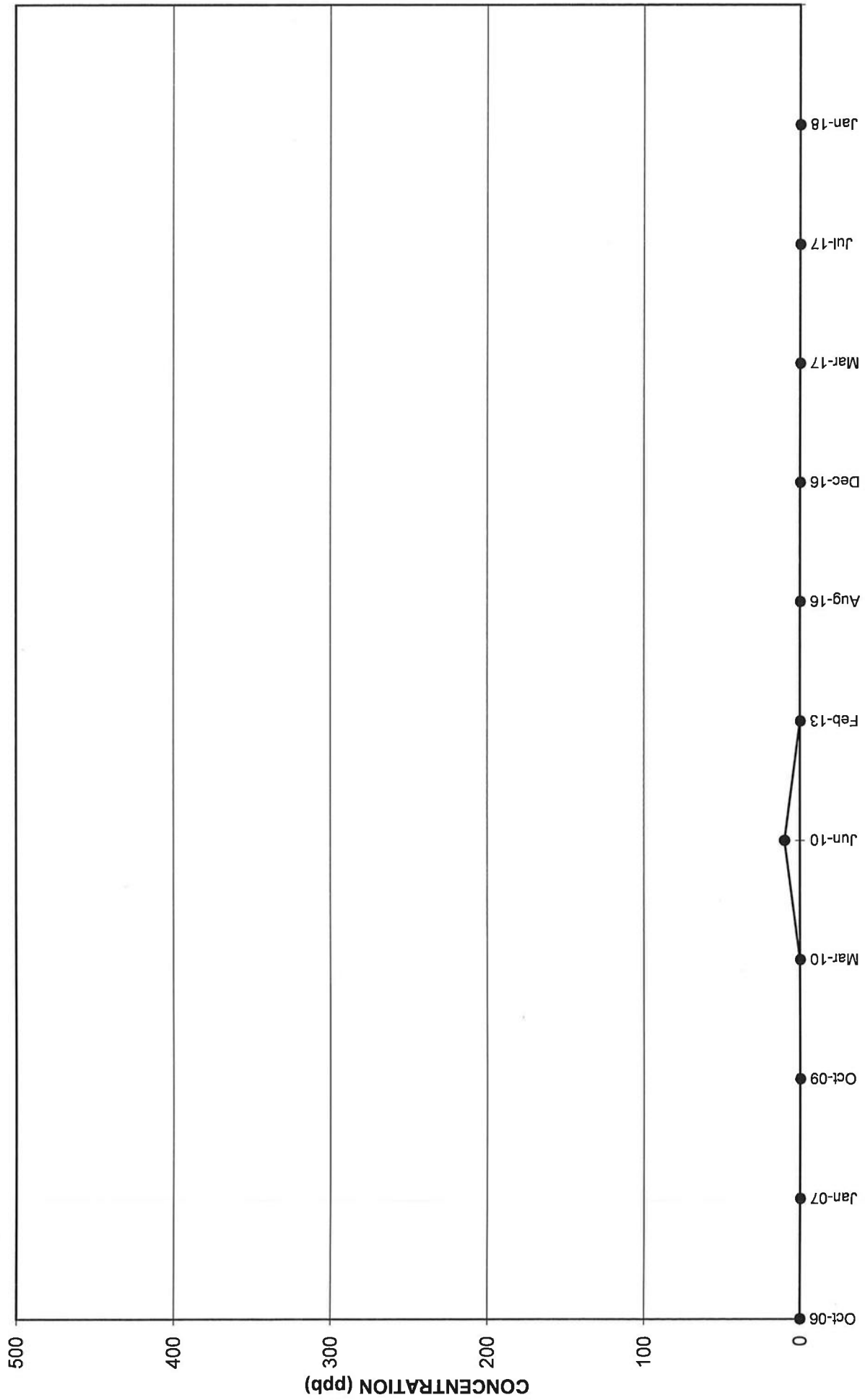
ppb = Parts per billion or micrograms per liter (ug/L).

MONITORING WELL MW-2
CHLOROBENZENE IN GROUNDWATER - FEBRUARY 2003 TO JANUARY 2018
GROUNDWATER MONITORING REPORT - JANUARY 2018



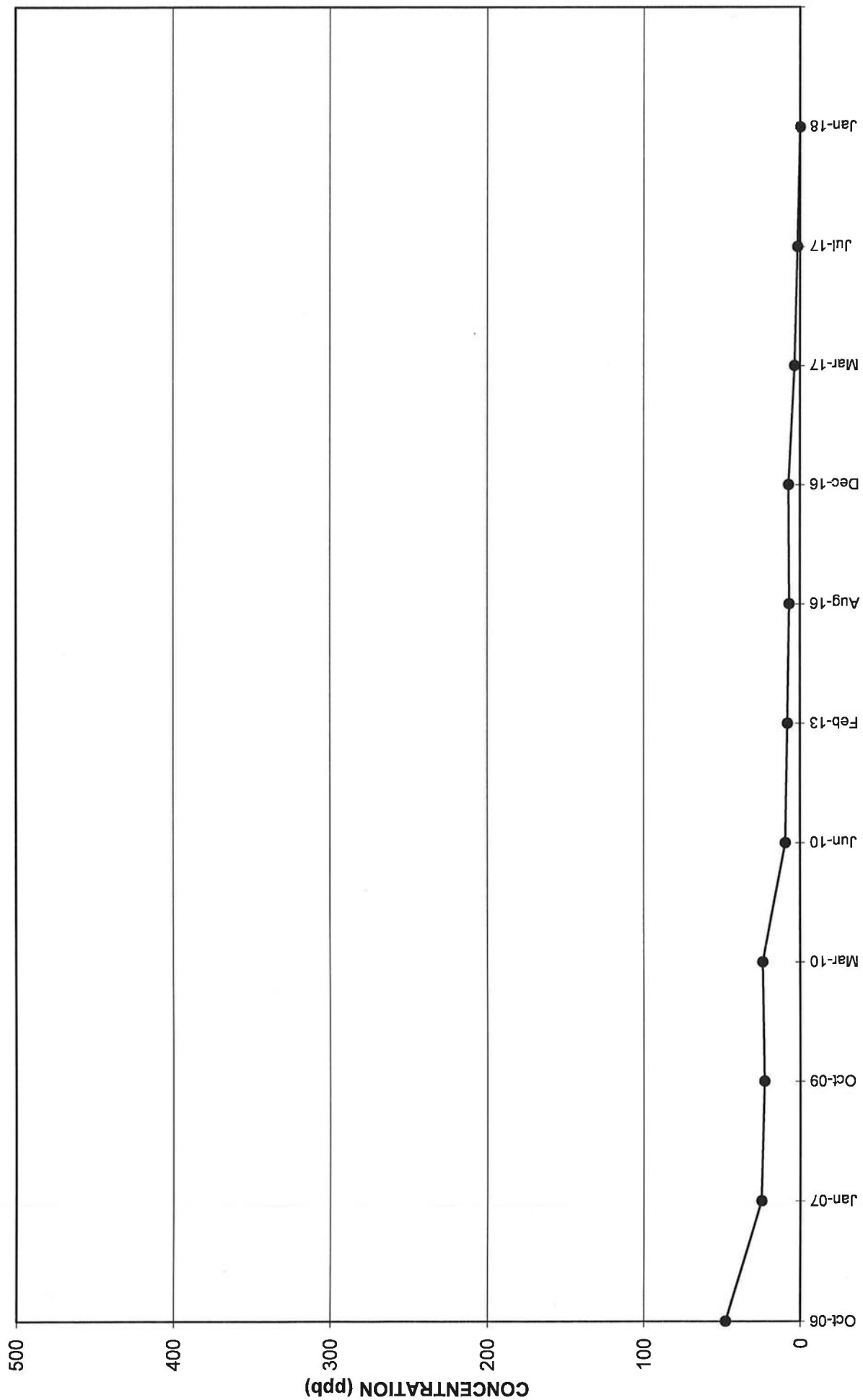
ppb = Parts per billion or micrograms per liter (ug/L).

MONITORING WELL MW-5
CHLOROBENZENE IN GROUNDWATER - OCTOBER 2006 TO JANUARY 2018
GROUNDWATER MONITORING REPORT - JANUARY 2018



ppb = Parts per billion or micrograms per liter (ug/L).

MONITORING WELL MW-6
CHLOROBENZENE IN GROUNDWATER - OCTOBER 2006 TO JANUARY 2018
GROUNDWATER MONITORING REPORT - JANUARY 2018



ppb = Parts per billion or micrograms per liter (ug/L).