



Via e-mail

September 15, 2016

Pfizer Inc.
100 Route 206 North, MS LLA-401
Peapack, NJ 07977
Tel: 908-901-8630

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 Report – August 2016 Sampling Event**

Dear Mr. Negron:

On behalf of Pfizer Pharmaceuticals, LLC (PPLLC), please find attached a Groundwater Sampling Report prepared by ERTEC that summarizes results from the August 2016 Groundwater Sampling event at the Pfizer Barceloneta Site. This work is done in conjunction with Soil Vapor Extraction (SVE) Pilot Test activities to evaluate RCRA corrective measures.

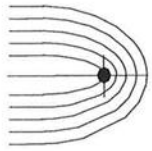
If you have any questions, please don't hesitate to contact me at 908-901-8630 or Wanda Morales with ERTEC at 787-792-8902.

Sincerely,

A handwritten signature in blue ink that reads "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 – AUGUST 2016
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO**

ERTEC JOB NO. E165418

Prepared for:

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

September 15, 2016

Prepared by:

**ERTEC, PSC-Environmental Consultants
P.O. Box 195336
San Juan, Puerto Rico 00919-5336
Ph: (787) 792-8902
Fax: (787) 783-5555
e-mail: ertec@ertecpr.com**



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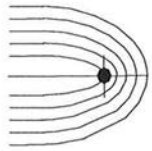
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ERTEC

GROUNDWATER SAMPLING REPORT – AUGUST 2016 PFIZER PHARMACEUTICALS LLC BARCELONETA, PUERTO RICO

Date Prepared: September 15, 2016

Period: August 2016

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 June and August 2016 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 June 2016 with a round of water from monitoring wells network. Groundwater sampling activities were not accomplished on June 2016 due to difficulties with the wells pumping system. Groundwater samples were obtained on August 2016 after system verification and testing of well pumps.

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

2.0 FIELD ACTIVITIES

The following activities were completed during this period in support of RCRA Facility Investigation (RFI) and a soil vacuum extraction (SVE) pilot study performed by Pfizer for Corrective Measures evaluation. 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 June 6, 2016. Water levels were measured using an electronic water level probe.

2.2 Groundwater Sampling

Groundwater sampling activities were performed on August 16, 18 and 19, 2016 with samples collected from wells MW-1, MW-2, MW-3, 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-1. One field blank was collected per day of sampling during the August 2016 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 August 16 and 18, 2016 were preserved on ice and secure until delivery to the laboratory on August 17 and 19, 2016, respectively. Proper chain of custody documentation accompanied the samples to the laboratory. Copy of the chain of custodies for groundwater samples is included in **Appendix 2**.

2.6 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. A sample for disposal characterization of purge waters was collected after completion of

field activities. Copy of the laboratory certified analytical results for this sample is included in **Appendix 3**.

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 June 2016 and wells dedicated pump installation data from five (5) monitoring wells are summarized in the following table:

TABLE A
WATER LEVEL READINGS – JUNE 2016

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	317.0	314.0	308.922	293.19	15.732
MW-2	316.0	314.0	307.817	292.38	15.437
MW-3	296.0	291.0	294.117	272.98	21.137
MW-5	378.0	375.0	315.775	302.60	13.175
MW-6	394.0	387.5	328.026	317.88	10.146

Notes:

^{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 August 2016. This table presents a summary of VOCs detected in groundwater samples. No VOCs were detected in any of the QA/QC samples.

TABLE B
GROUNDWATER SAMPLES ANALYTICAL RESULTS – AUGUST 2016

Well ID	Collection Date	Chlorobenzene (µg/L)	Chloroform (µg/L)
MW-1	8/18/16	120	1.8
MW-A ^{1/}	8/18/16	118	2.0
MW-2	8/18/16	30.3	Not detected
MW-3	8/17/16	Not detected	4.0
MW-5	8/16/16	Not detected	Not detected
MW-6	8/17/16	7.10	Not detected

Notes:

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

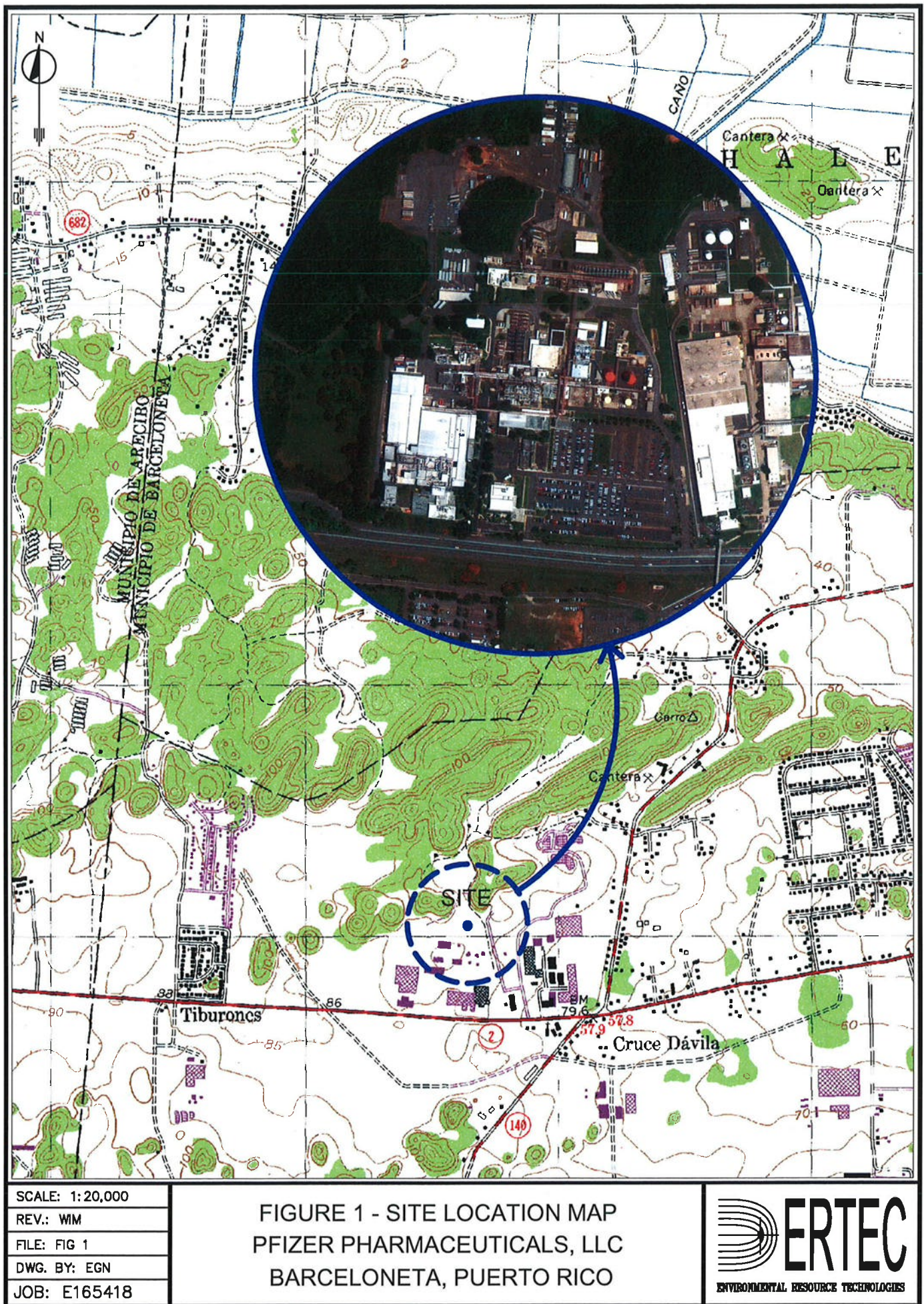
Figure 3 includes VOCs detected in groundwater samples. Copies of laboratory certified analytical results are included in **Appendix 3**.

5.0 ACTIVITIES PLANNED

The next groundwater sampling event for year 2016 is tentatively scheduled for November 2016.

FIGURES

**GROUNDWATER SAMPLING REPORT – AUGUST 2016
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E165418**





LEGEND:



MONITORING WELL LOCATIONS

SCALE: NTS

REV: WM

FILE: FIG 2

DWG. BY: EGN

JOB: E165418

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



CHLOROBENZENE (ug/L)	CHLOROFORM (ug/L)
7.10	NOT DETECTED

MW-6

CHLOROBENZENE (ug/L)	CHLOROFORM (ug/L)
NOT DETECTED	NOT DETECTED

MW-5

CHLOROBENZENE (ug/L)	CHLOROFORM (ug/L)
30.3	NOT DETECTED

MW-2

CHLOROBENZENE (ug/L)	CHLOROFORM (ug/L)
120	1.8

MW-1

SVE
SYSTEM
AREA

MW-3

CHLOROBENZENE (ug/L)	CHLOROFORM (ug/L)
NOT DETECTED	4.0

LEGEND:



MONITORING WELL LOCATIONS

ug/L

MICROGRAMS PER LITER

SCALE: NTS

REV.: WM

FILE: FIG 3

DWG. BY: EGN

JOB: E165418

FIGURE 3 - VOCs DETECTIONS - AUGUST 2016
PFIZER PHARMACEUTICALS, LLC
BARCELONETA, PUERTO RICO



APPENDIX 1

MONITORING WELL SAMPLING LOGS

**GROUNDWATER SAMPLING REPORT – AUGUST 2016
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E165418**

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location: Pfizer Barceloneta				Page 1 of 2	
Well ID	MW-1	Date	08/18/16	Well Integrity		Yes	No
Time	1500	Weather	Sunny	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)	293.27	Reference Elevation (ft)	308.922				
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.652	PID Reading (ppm)			
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background		0.0	
Total Purged Volume (gal)	3.60	Final Depth to Water (ft)	NA	Well Mouth		0.1	

Low Flow Data					
Depth of Pump Intake (ft)	314.00	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	300 ml/min / 1513	
Static WL (ft)	293.27	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	135 ml/min / 1604	

	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)	1516	1521	1525	1529	1533	1537	1541	1545
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Temp (°C)	36.98	31.27	31.16	30.57	30.27	29.99	29.24	28.93
pH (SU) +/- 0.10 SU	8.25	7.16	7.04	6.90	6.85	6.83	6.85	6.86
Cond. (mS/cm) +/- 3%	0.0014	0.8909	0.8980	0.9526	1.152	1.259	1.213	1.119
Turb (NTU) +/- 10%	9.425	2.371	3.9	32.09	4.058	17.46	6.532	45.69
DO (mg/L) +/- 10%	5.74	3.74	3.63	2.77	1.73	1.23	0.72	0.44
ORP (mV) +/- 10 mV	-45	92	113	115	99	60	8	-19
Depth to Water (ft)	NA	NA	NA	NA	NA	NA	NA	NA
PID (ppm)	0.2	0.6	1.0	1.1	0.2	0.5	0.3	0.7

	Purging Parameters							
	0.32 gal.	0.32 gal.	0.32 gal.	0.32 gal.				
Time (max 5 min)	1549	1553	1557	1601				
Flow Rate (ml/min)	300	300	300	300				
Temp (°C)	28.76	28.84	29.25	29.43				
pH (SU) +/- 0.10 SU	6.87	6.87	6.87	6.87				
Cond. (mS/cm) +/- 3%	1.0195	0.9478	0.9362	0.9230				
Turb (NTU) +/- 10%	50.8	65.06	131.7	749.5				
DO (mg/L) +/- 10%	0.31	0.26	0.24	0.26				
ORP (mV) +/- 10 mV	-30	-26	-21	-17				
Depth to Water (ft)	NA	NA	NA	NA				
PID (ppm)	0.1	0.2	0.1	0.3				

Sample Data					
Sampling Flow Rate (ml/min):	135	Temp (°C)	29.36	DO (mg/L)	0.26
Sample Time:	1605	pH (SU)	6.86	ORP (mV)	-13
Sample ID:	MW-1	Cond. (mS/cm)	0.9004	Color	Clear
Duplicate ID:	MW-A	Turb. (NTU)	674.9	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location: Pfizer Barceloneta		Page 2 of 2	
Well ID	MW-1	Date	08/18/16	Well Integrity	Yes No
Time	1500	Weather	Sunny	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)	293.27	Reference Elevation (ft)	308.922		
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.652	PID Reading (ppm)	
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background	0.0
Total Purged Volume (gal)	3.60	Final Depth to Water (ft)	NA	Well Mouth	0.1

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	in - inches	°C - Degrees Centigrade	mg/L - Milligrams per liter
ft - Feet	ppm - Parts per million	SU - Standard units	mV - Millivolt
gal/ft - Gallons per foot	WL - Water level	mS/cm - Millisiemens per centimeter	ml - Milliliters
gal - Gallons	ml/min - Milliliter per minute	NTU - Nephelometric turbidity units	HCl - Hydrochloric acid

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location:	Pfizer Barceloneta	Page 1 of 2		
Well ID	MW-2	Date	08/18/16	Well Integrity		
Time	1100	Weather	Sunny	Yes	No	
Measuring Point	TOC	Casing Diameter (in)	2.0	Protective Casing Secure	√	
Depth to Bottom (ft)	316.00	Installation Date	2003	Concrete Collar Intact	√	
Depth to Water (ft)	292.48	Reference Elevation (ft)	307.817	Security Lock Present	NA	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.337	PID Reading (ppm)		
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background	0.0	
Total Purged Volume (gal)	3.40	Final Depth to Water (ft)	292.74	Well Mouth	0.0	

Low Flow Data					
Depth of Pump Intake (ft)	314.00	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	200 ml/min / 1105	
Static WL (ft)	292.48	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	150 ml/min / 1229	

Purging Parameters								
	Start	0.26 gal.	0.26 gal.	0.26 gal.	0.21 gal.	0.21 gal.	0.26 gal.	0.26 gal.
Time (max 5 min)	1122	1127	1132	1137	1141	1145	1150	1155
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Temp (°C)	31.75	30.17	29.52	29.10	28.82	28.80	28.83	28.64
pH (SU) +/- 0.10 SU	6.83	6.87	6.71	6.69	6.74	6.77	6.80	6.81
Cond. (mS/cm) +/- 3%	1.320	1.290	1.364	1.322	1.230	1.184	1.161	1.140
Turb (NTU) +/- 10%	8.481	0.8486	0.7472	0.3652	-0.0895	0.4614	0.2301	-0.1259
DO (mg/L) +/- 10%	4.74	4.48	2.49	1.10	0.67	0.51	0.41	0.34
ORP (mV) +/- 10 mV	210	225	-79	-149	-164	-169	-172	-175
Depth to Water (ft)	292.49	NA	NA	NA	NA	NA	NA	NA
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Purging Parameters								
	0.26 gal.	0.21 gal.	0.26 gal.	0.21 gal.	0.26 gal.	0.21 gal.	0.21 gal.	
Time (max 5 min)	1200	1204	1209	1213	1218	1222	1226	
Flow Rate (ml/min)	200	200	200	200	200	200	200	
Temp (°C)	28.53	28.44	28.42	28.45	28.83	29.40	30.31	
pH (SU) +/- 0.10 SU	6.82	6.85	6.86	6.87	6.84	6.85	6.86	
Cond. (mS/cm) +/- 3%	1.112	1.104	1.090	1.076	1.075	1.076	1.088	
Turb (NTU) +/- 10%	0.2	0.2951	0.3679	2.993	1.142	1.142	1.394	
DO (mg/L) +/- 10%	0.27	0.21	0.17	0.17	0.12	0.12	0.13	
ORP (mV) +/- 10 mV	-180	-181	-181	-181	-182	-182	-181	
Depth to Water (ft)	NA	NA	NA	NA	NA	NA	NA	
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Sample Data					
Sampling Flow Rate (ml/min):	150	Temp (°C)	30.57	DO (mg/L)	0.16
Sample Time:	1230	pH (SU)	6.89	ORP (mV)	-178
Sample ID:	MW-2	Cond. (mS/cm)	1.083	Color	Clear
Duplicate ID:	NA	Turb. (NTU)	1.683	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location: Pfizer Barceloneta		Page 2 of 2	
Well ID	MW-2	Date	08/18/16	Well Integrity	Yes No
Time	1100	Weather	Sunny	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)	292.48	Reference Elevation (ft)	307.817		
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	15.337	PID Reading (ppm)	
Depth to Pump/Intake	314.00	Purging Method	Low Flow	Background	0.0
Total Purged Volume (gal)	3.40	Final Depth to Water (ft)	292.74	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	in - inches	°C - Degrees Centigrade	mg/L - Milligrams per liter
ft - Feet	ppm - Parts per million	SU - Standard units	mV - Millivolt
gal/ft - Gallons per foot	WL - Water level	mS/cm - Millisiemens per centimeter	ml - Milliliters
gal - Gallons	ml/min - Milliliter per minute	NTU - Nephelometric turbidity units	HCl - Hydrochloric acid

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location:	Pfizer Barceloneta	Page 1 of 2	
Well ID	MW-3	Date	08/17/16	Well Integrity	Yes No
Time	1013	Weather	Sunny	Protective Casing Secure	✓
Measuring Point	TOC	Casing Diameter (in)	2.0	Concrete Collar Intact	NA
Depth to Bottom (ft)	296.00	Installation Date	2006	Security Lock Present	NA
Depth to Water (ft)	273.16	Reference Elevation (ft)	294.117	PID Reading (ppm)	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	20.957	Background	0.0
Depth to Pump/Intake	291.00	Purging Method	Low Flow	Well Mouth	0.0
Total Purged Volume (gal)	3.16	Final Depth to Water (ft)	NA		

Low Flow Data					
Depth of Pump Intake (ft)	291.00	Purging (±400 ml/min):	Initial Purge Rate/Time/WL:	230 ml/min / 1035	
Static WL (ft)	273.16	Sampling (±100-250 ml/min):	Adjusted Purge Rate/Time WL:	130 ml/min / 1140	

Purging Parameters								
	Start	0.30 gal.	0.30 gal.	0.30 gal.	0.24 gal.	0.24 gal.	0.24 gal.	0.24 gal.
Time (max 5 min)	1043	1048	1053	1058	1102	1106	1110	1114
Flow Rate (ml/min)	230	230	230	230	230	230	230	230
Temp (°C)	29.53	29.79	29.04	28.84	28.68	28.54	28.60	28.49
pH (SU) +/- 0.10 SU	6.87	6.86	6.81	6.76	6.74	6.76	6.75	6.75
Cond. (mS/cm) +/- 3%	0.5633	0.6225	0.6851	0.7273	0.7382	0.7396	0.7431	0.7436
Turb (NTU) +/- 10%	-0.2791	-0.0556	-0.0712	0.3186	0.3393	0.2172	0.1548	0.1211
DO (mg/L) +/- 10%	6.84	6.46	6.10	6.11	6.14	6.15	6.17	6.17
ORP (mV) +/- 10 mV	273	275	283	292	300	305	312	319
Depth to Water (ft)	273.19	273.21	NA	NA	NA	NA	NA	NA
PID (ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Purging Parameters								
	0.24 gal.	0.24 gal.	0.24 gal.	0.24 gal.	0.30 gal.			
Time (max 5 min)	1118	1122	1126	1130	1135			
Flow Rate (ml/min)	230	230	230	230	230			
Temp (°C)	28.47	28.53	28.61	28.57	28.69			
pH (SU) +/- 0.10 SU	6.75	6.74	6.76	6.75	6.75			
Cond. (mS/cm) +/- 3%	0.7451	0.7472	0.7483	0.7472	0.7473			
Turb (NTU) +/- 10%	0.1263	0.2094	-0.0919	0.0613	0.2000			
DO (mg/L) +/- 10%	6.15	6.15	6.15	6.14	6.14			
ORP (mV) +/- 10 mV	324	330	332	336	346			
Depth to Water (ft)	NA	NA	NA	NA	NA			
PID (ppm)	0.0	0.0	0.0	0.0	0.0			

Sample Data					
Sampling Flow Rate (ml/min):	130	Temp (°C)	28.64	DO (mg/L)	6.13
Sample Time:	1143	pH (SU)	6.72	ORP (mV)	353
Sample ID:	MW-3	Cond. (mS/cm)	0.7450	Color	Clear
Duplicate ID:	NA	Turb. (NTU)	1.137	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location: Pfizer Barceloneta			Page 2 of 2			
Well ID	MW-3	Date	08/17/16		Well Integrity		Yes	No
Time	1013	Weather	Sunny		Protective Casing Secure		✓	
Measuring Point	TOC	Casing Diameter (in)	2.0		Concrete Collar Intact		NA	
Depth to Bottom (ft)	296.00	Installation Date	2006		Security Lock Present		NA	
Depth to Water (ft)	273.16	Reference Elevation (ft)	294.117					
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	20.957		PID Reading (ppm)			
Depth to Pump/Intake	291.00	Purging Method	Low Flow		Background		0.0	
Total Purged Volume (gal)	3.16	Final Depth to Water (ft)	NA		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	in - inches	°C - Degrees Centigrade	mg/L - Milligrams per liter
ft - Feet	ppm - Parts per million	SU - Standard units	mV - Millivolt
gal/ft - Gallons per foot	WL - Water level	mS/cm - Millisiemens per centimeter	ml - Milliliters
gal - Gallons	ml/min - Milliliter per minute	NTU - Nephelometric turbidity units	HCl - Hydrochloric acid

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location:	Pfizer Barceloneta	Page 1 of 1	
Well ID	MW-5	Date	08/16/16	Well Integrity	Yes No
Time	1100	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)	302.75	Reference Elevation (ft)	315.775	PID Reading (ppm)	
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	13.025	Background	0.0
Depth to Pump/Intake	375.00	Purging Method	Low Flow	Well Mouth	0.0
Total Purged Volume (gal)	2.30	Final Depth to Water (ft)	NA		

Low Flow Data					
Depth of Pump Intake (ft)	375.00	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	250 ml/min / 1410	
Static WL (ft)	302.75	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	100 ml/min / 1450	

Purging Parameters								
	Start	0.33 gal.	0.33 gal.	0.33 gal.	0.33 gal.	0.33 gal.	0.33 gal.	0.33 gal.
Time (max 5 min)	1416	1421	1426	1431	1436	1441	1446	1451
Flow Rate (ml/min)	250	250	250	250	250	250	250	250
Temp (°C)	29.98	29.96	30.10	30.31	30.27	30.25	30.03	29.85
pH (SU) +/- 0.10 SU	7.21	7.21	7.21	7.21	7.21	7.19	7.18	7.21
Cond. (mS/cm) +/- 3%	0.5050	0.5010	0.5017	0.5043	0.5023	0.5028	0.4989	0.4968
Turb (NTU) +/- 10%	258.9	193.1	187.5	203.9	200.5	249.4	3.11	6.56
DO (mg/L) +/- 10%	2.0	1.99	1.92	1.98	1.96	1.98	1.93	1.94
ORP (mV) +/- 10 mV	363	364	364	365	367	372	374	377
Depth to Water (ft)	NA	NA	NA	NA	NA	NA	NA	NA
PID (ppm)	2.2	2.0	3.0	NA	0.6	0.2	0.6	0.1

Sample Data					
Sampling Flow Rate (ml/min):	110	Temp (°C)	29.53	DO (mg/L)	1.98
Sample Time:	1455	pH (SU)	7.21	ORP (mV)	381
Sample ID:	MW-5	Cond. (mS/cm)	0.4859	Color	Clear
Duplicate ID:	NA	Turb. (NTU)	57.69	Other:	
				Sampling Parameters:	VOC 8260B
				Sampling Container:	40ml vials
				Container provided:	Lab
				Preservative:	HCl

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

TOC - Top of casing	in - inches	°C - Degrees Centigrade	mg/L - Milligrams per liter
ft - Feet	ppm - Parts per million	SU - Standard units	mV - Millivolt
gal/ft - Gallons per foot	WL - Water level	mS/cm - Millisiemens per centimeter	ml - Milliliters
gal - Gallons	ml/min - Milliliter per minute	NTU - Nephelometric turbidity units	HCl - Hydrochloric acid

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location:	Pfizer Barceloneta	Page 1 of 2		
Well ID	MW-6	Date	08/17/16	Well Integrity	Yes	No
Time	1340	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)	318.40	Reference Elevation (ft)	328.026			
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	9.626	PID Reading (ppm)		
Depth to Pump/Intake	387.50	Purging Method	Low Flow	Background	0.0	
Total Purged Volume (gal)	2.50	Final Depth to Water (ft)	NA	Well Mouth	0.8	

Low Flow Data					
Depth of Pump Intake (ft)	387.50	Purging (≈400 ml/min):	Initial Purge Rate/Time/WL:	200 ml/min / 1400	
Static WL (ft)	318.40	Sampling (≈100-250 ml/min):	Adjusted Purge Rate/Time WL:	100 ml/min / 1459	

	Purging Parameters							
	Start	0.26 gal.	0.26 gal.	0.26 gal.	0.26 gal.	0.26 gal.	0.21 gal.	0.26 gal.
Time (max 5 min)	1405	1410	1415	1420	1425	1430	1434	1439
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Temp (°C)	30.18	29.57	29.16	29.08	29.05	29.17	29.15	29.05
pH (SU) +/- 0.10 SU	7.43	7.18	7.08	7.03	7.02	7.01	7.02	7.03
Cond. (mS/cm) +/- 3%	0.5826	0.5818	0.5824	0.5803	0.5844	0.5900	0.5921	0.5894
Turb (NTU) +/- 10%	1.376	0.5472	1.667	6.792	3.045	3.733	5.49	1.579
DO (mg/L) +/- 10%	5.73	5.33	5.00	4.23	2.97	2.56	2.01	1.7
ORP (mV) +/- 10 mV	202	221	230	238	107	51	10	2
Depth to Water (ft)	NA	NA	NA	318.66	NA	NA	NA	NA
PID (ppm)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

	Purging Parameters							
	0.26 gal.	0.21 gal.	0.13 gal.	0.13 gal.				
Time (max 5 min)	1444	1448	1453	1458				
Flow Rate (ml/min)	200	200	100	100				
Temp (°C)	28.92	28.80	29.09	29.38				
pH (SU) +/- 0.10 SU	7.04	7.03	7.02	7.02				
Cond. (mS/cm) +/- 3%	0.5865	0.5835	0.5867	0.5887				
Turb (NTU) +/- 10%	0.7889	0.5161	0.2276	0.0348				
DO (mg/L) +/- 10%	1.50	1.35	1.26	1.24				
ORP (mV) +/- 10 mV	-8	-14	-19	-20				
Depth to Water (ft)	NA	NA	NA	NA				
PID (ppm)	0.0	0.0	0.0	0.0				

Sample Data					
Sampling Flow Rate (ml/min):	100	Temp (°C)	29.76	DO (mg/L)	1.32
Sample Time:	1500	pH (SU)	7.03	ORP (mV)	-18
Sample ID:	MW-6	Cond. (mS/cm)	0.5932	Color	Clear
Duplicate ID:	NA	Turb. (NTU)	-0.131	Other:	
Sampling Parameters:					VOC 8260B
Sampling Container:					40ml vials
Container provided:					Lab
Preservative:					HCl

MONITORING WELL SAMPLING LOG

Project No.	E165418	Project Location:	Pfizer Barceloneta	Page 2 of 2		
Well ID	MW-6	Date	08/17/16	Well Integrity	Yes	No
Time	1340	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)	318.40	Reference Elevation (ft)	328.026			
Gallons per foot (gal/ft)	0.00574	GW Elevation (ft)	9.626	PID Reading (ppm)		
Depth to Pump/Intake	387.50	Purging Method	Low Flow	Background	0.0	
Total Purged Volume (gal)	2.50	Final Depth to Water (ft)	NA	Well Mouth	0.8	

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	in - inches	°C - Degrees Centigrade	mg/L - Milligrams per liter
ft - Feet	ppm - Parts per million	SU - Standard units	mV - Millivolt
gal/ft - Gallons per foot	WL - Water level	mS/cm - Millisiemens per centimeter	ml - Milliliters
gal - Gallons	ml/min - Milliliter per minute	NTU - Nephelometric turbidity units	HCl - Hydrochloric acid

APPENDIX 2

CHAIN OF CUSTODY DOCUMENTATION

**GROUNDWATER SAMPLING REPORT – AUGUST 2016
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E165418**

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

2016-05113

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

CLIENT NAME: ERTEC

CLIENT ID: 567-01

W.O. #:

82

SITE: BARCELONETA, PR

CLIENT REP: MRS. WANDA I. MORALES

C. #:

11767

PWSID #:

FOLDER #:

221473

PROJECT:

PFIZER BARCELONETA

EQLAB REP:

EGARCIA

SAMPLE INFORMATION

FIELD TESTING

ANALYSIS REQUESTED

SAMPLE #: 2539049-1
 MATRIX: DI WATER
 SOURCE: FB 081616, BARCELONETA, PR

DATE: 08/16/16
 TIME: 15:00
 TYPE: Grab

EPA 8260B VOC

SAMPLE #: 2539050-1
 MATRIX: DI WATER
 SOURCE: FB 081716, BARCELONETA, PR

DATE: 08/17/16
 TIME: 15:06
 TYPE: Grab

EPA 8260B VOC

SAMPLE #: 2539051-1
 MATRIX: GROUND WATER
 SOURCE: MW-5, BARCELONETA, PR

DATE: 08/16/16
 TIME: 14:45
 TYPE: Grab

EPA 8260B VOC

SAMPLE #: 2539052-1
 MATRIX: GROUND WATER
 SOURCE: MW-3, BARCELONETA, PR

DATE: 08/17/16
 TIME: 11:43
 TYPE: Grab

EPA 8260B VOC

STUDY RECORD

SIGNATURE

DATE

TIME

SPECIAL INSTRUCTIONS / COMMENTS:

Collected in field by:

✓ Roberto de Jesús

08/16/16

14:45

Fixed in field by:

✓ Roberto de Jesús

08/17/16

16:45

Authorized by:

✓ Roberto de Jesús

08/17/16

16:45

Received by EQLF:

✓ Roberto de Jesús

08/17/16

16:45

Released to EQLL by:

✓ Roberto de Jesús

08/17/16

16:45

Received by EQLL:

✓ Roberto de Jesús

08/17/16

16:45

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 20°C

Signature:

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

Some samples were collected on 08/16/16 preserved on ice and secure until delivery @ EQ Lab on 08/17/16 - JGR.

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

2016-05113

CLIENT NAME: ERT/EC

CLIENT ID: 367-01

W.O. #: 82

SITE: BARCELONETA, PR

CLIENT REP: MRS. WANDAL MORALES

D. #: 11767

PWSID #:

FOLDER #:

221475

PROJECT: PEZTER BARCELONETA

EQLAB REP: EGARCIA

SAMPLE INFORMATION				CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2339053-1 MATRIX: GROUND WATER SOURCE: MW-6, BARCELONETA, PR	DATE: 08/17/16	TIME: 15:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
SAMPLE #: 2439056-1 MATRIX: DI WATER SOURCE: TR 081615, BARCELONETA, PR	DATE: 08/17/16	TIME: 10:10	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
SAMPLE #: 2439056-1 MATRIX: DI WATER SOURCE: TR 081716, BARCELONETA, PR	DATE: 08/17/16	TIME: 10:10	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
SAMPLE #: 2439056-1 MATRIX: DI WATER SOURCE: TR 081716, BARCELONETA, PR	DATE: 08/17/16	TIME: 10:10	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
	DATE: 08/16/16	TIME: 11:00	TYPE: Grab	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40		EPA 8260B VOC	
SPECIAL INSTRUCTIONS / COMMENTS: Some samples were collected on 08/16/16 preserved on ice and secure until delivery @ EQ Lab on 08/17/16. <i>EGB</i>									

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

Arrival Temperature: 20°C Signature: *EGB*

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

ENVIRONMENTAL QUALITY LABORATORIES, INC.

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

2016-07717

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

CLIENT NAME: EQLAB

CLIENT ID: 367-01

W.O. #: 82

SITE: BARCELONETA, PR

CLIENT REP: MRS. WANDAL MORALES

Q. #: 11767

PWSID #:

FOLDER #:

224205

PROJECT:

Pfizer BARCELONETA

EQLAB REP:

EGARCIA

SAMPLE INFORMATION

CONTAINER INFORMATION

FIELD TESTING

ANALYSIS REQUESTED

AMPLE #: 2568353-1
IATRIX: DI WATER
OURCE: FB 081816
BARCELONETA, PR.

DATE: 08/18/16
TIME: 16:15
TYPE: Grab
TYPE: VIAL/TC
PRESERVATIVE
HCl pH<2, Cool 4 °C

VOLUME 40

EPA 8260B VOC

AMPLE #: 2568354-1
IATRIX: GROUND WATER
OURCE: MW-2, BARCELONETA, PR

DATE: 08/18/16
TIME: 12:30
TYPE: Grab
TYPE: VIAL/TC
PRESERVATIVE
HCl pH<2, Cool 4 °C

VOLUME 40

EPA 8260B VOC

AMPLE #: 2568355-1
IATRIX: DI WATER
OURCE: TRIP
BARCELONETA, PR.

DATE: 08/18/16
TIME: 10:35
TYPE: Grab
TYPE: VIAL/TC
PRESERVATIVE
HCl pH<2, Cool 4 °C

VOLUME 40

EPA 8260B VOC

AMPLE #: 2568356-1
IATRIX: GROUND WATER
OURCE: MW-1, BARCELONETA, PR

DATE: 08/18/16
TIME: 16:05
TYPE: Grab
TYPE: VIAL/TC
PRESERVATIVE
HCl pH<2, Cool 4 °C

VOLUME 40

EPA 8260B VOC

SIGNATURE

SPECIAL INSTRUCTIONS / COMMENTS:

collected in field by:

X Roberto de Jesus

DATE

08/18/16

VOLUME 40

ixed in field by:

X Roberto de Jesus

DATE

08/18/16

VOLUME 40

uthorized by:

WHA

DATE

08/18/16

VOLUME 40

ceived by EQLF:

WHA

DATE

08/18/16

VOLUME 40

leased to EQLL by:

WHA

DATE

08/18/16

VOLUME 40

ceived by EQLL:

WHA

DATE

08/18/16

VOLUME 40

*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 3

CERTIFIED LABORATORY ANALYTICAL RESULTS

**GROUNDWATER SAMPLING REPORT – AUGUST 2016
PFIZER PHARMACEUTICALS LLC
BARCELONETA, PUERTO RICO
E165418**



August 30, 2016

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples from 2539049 to 2539053, 2539055 & 2539056 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: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level BDJ = Below Detection Limit DNI = Does Not Apply 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 EN7783 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: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	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.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 L. MORALES
Source: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	19:44	SEDS	08/23/2016

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MO = Monitoring Only MRL = Minimum Reporting Level PTRI = 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 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Method
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	19:44	SEDS	EPA 5030B

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ACCREDITED IN ACCORDANCE WITH
nelac
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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	EPA 5030B



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ENVIRONMENTAL QUALITY LABORATORIES, INC.

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

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

Attn: MRS. WANDA I. MORALES
Source: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	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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Refer to eqlab certification number EX7783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	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 3 of 5



Sample Number:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS

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

ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E877K3 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: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - I
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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRU = 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: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	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 sample.
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PRDOH Certified
EPA ID PR00014

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



The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E87783 at 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:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS

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 PTRI = 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 E87N3 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 2 of 5



Sample Number: 2539051	Collected Date & Time: 08/16/2016 14:55	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 1
Remarks:		

Parameter	Method	Results	Units	Limits				Analysis		Prep Method	
				MDL	MRL	MCL		Date	Time	By	Method
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	1.2	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	2.0	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	1.2	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	1.5	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	1.2	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	1.4	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	1.2	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	1.4	3.0	--		08/24/2016	03:29	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	25.0	75.0	--		08/24/2016	03:29	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	6.0	15.0	--		08/24/2016	03:29	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	1.2	3.0	--		08/24/2016	03:29	SEDS	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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The results presented herein meet all NELAP requirements.
Refer to eqlab certification number E57783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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To: ERTEC
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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:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	03:29	SEDS	08/23/2016

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Iterate MDL = Minimum Detection Limit N/A = Not Applicable
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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 4 of 5



Sample Number:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	03:29	SEDS	SEDS	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 PTRU = 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 EX7783 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: 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:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	EPA 5030B



ND = Not Detected MCL = Maximum Contaminant Level BD_L = 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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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-3
BARCELONETA, PR

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



Laboratory Test Report

Sample Number:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS

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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-3
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:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date
1,3-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	03:03	SEDS	08/23/2016
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016

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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-3
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:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Chloroform	EPA 8260B	4.00	µg/L	--	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS

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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.
Refer to eqlab certification number EK7783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

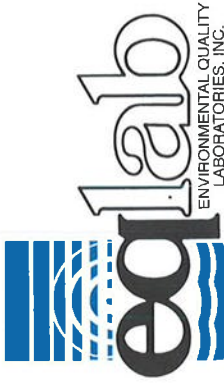
60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

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SAN JUAN PR 00919-5336

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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 4 of 5

Sample Number:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	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 PR000014

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

Attn: MRS. WANDA I. MORALES
Source: MW-3
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: 2539052	Collected Date & Time: 08/17/2016 11:43	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/24/2016	03:03	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	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 the sample analyzed.
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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

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:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS

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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 2 of 5



Sample Number:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	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:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	7.10	µg/L	--	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B

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Source: MW-6
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:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	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 5 of 5

Sample Number:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	EPA 5030B



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Attn: MRS. WANDA I. MORALES
Source: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS

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

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

Attn: MRS. WANDA I. MORALES
Source: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level RDL = Below Detection Limit DNI = Does Not Iterate 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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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number EX77K3 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 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS

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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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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 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B

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

Attn: MRS. WANDA I. MORALES
Source: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	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 the sample.
+ = Parameter is not accredited under EQLab's NELAP Certification

PRDOH Certified
EPA ID PR00014

ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAC requirements.
Refer to eqlab certification number EX7733 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

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

Attn: MRS. WANDA I. MORALES
Source: TB 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS

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The results presented herein meet all NELAC requirements.
Refer to eqlab certification number E57783 at www.eqlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMON, 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 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS

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 PTR = 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 ES7783 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 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND			µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND			µg/L	U	7.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND			µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND			µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND			µg/L	U	30.0	75.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	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 PTRI = 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 L. MORALES
Source: TB 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS

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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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The results presented herein meet all NELAP requirements.
Refer to eqlab certification number EX7783 at www.eqlab.com.

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

Attn: MRS. WANDA I. MORALES
Source: TB 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDE/JESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	EPA 5030B



Certified by: Laboratory Director

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 for which NELAP Certification was obtained.
+ = Parameter is not accredited under EQLab's NELAP Certification

PRDOH Certified
EPA ID PR00014

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



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

ENVIRONMENTAL QUALITY LABORATORIES, INC.

2016-05113

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: ERTEC

CLIENT ID: 567-01

W.O. #: 82

SITE: BARCELONETA, PR

CLIENT REP: MRS. WANDA I. MORALES

O. #: 11767

PWSID #: 221475

FOLDER #: 82

PROJECT: PFIZER BARCELONETA

EQLAB REP: EGARCIA

SAMPLE INFORMATION				CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2539049-1 MATRIX: DI WATER SOURCE: FB 081616, BARCELONETA, PR	DATE:	08/16/16	TYPE: VIAL/TC PRESERVATIVE HCl pH<2, Cool 4 °C	COLOR CLEAR	VOLUME 40			EPA 8260B VOC	
	TIME:	15:00							
	TYPE:	Grab							
SAMPLE #: 2539050-1 MATRIX: DI WATER SOURCE: FB 081716, BARCELONETA, PR	DATE:	08/17/16	TYPE: VIAL/TC PRESERVATIVE HCl pH<2, Cool 4 °C	COLOR CLEAR	VOLUME 40			EPA 8260B VOC	
	TIME:	15:06							
	TYPE:	Grab							
SAMPLE #: 2539051-1 MATRIX: GROUND WATER SOURCE: MW-5, BARCELONETA, PR	DATE:	08/16/16	TYPE: VIAL/TC PRESERVATIVE HCl pH<2, Cool 4 °C	COLOR CLEAR	VOLUME 40			EPA 8260B VOC	
	TIME:	14:55							
	TYPE:	Grab							
SAMPLE #: 2539052-1 MATRIX: GROUND WATER SOURCE: MW-3, BARCELONETA, PR	DATE:	08/17/16	TYPE: VIAL/TC PRESERVATIVE HCl pH<2, Cool 4 °C	COLOR CLEAR	VOLUME 40			EPA 8260B VOC	
	TIME:	11:43							
	TYPE:	Grab							
CUSTODY RECORD		SIGNATURE		DATE		TIME		SPECIAL INSTRUCTIONS / COMMENTS:	
Collected in field by:	X	Roberto de Jesus	08/16/16	1645	Some samples were collected on 08/16/16 preserved on ice and secure until delivery @ EQ Lab on 08/17/16 - JRE.				
Fixed in field by:	X	Roberto de Jesus	08/17/16	1645					
Authorized by:			08/17/16	1645					
Received by EQLF:			08/17/16	1645					
Released to EQLL by:	X	Roberto de Jesus	08/17/16	1645					
Received by EQLL:			08/17/16	1645					

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 20°C

Signature: JRE

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

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: ERTEC CLIENT ID: 567-01 W.O. #: 82 SITE: BARCELONETA, PR CLIENT REP: MRS. WANDA I. MORALES
 ID #: 11767 PWSID #: 11767 FOLDER #: 221475 PROJECT: PFIZER BARCELONETA EQLAB REP: EGARCIA ANALYSIS REQUESTED

SAMPLE INFORMATION			CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2539053-1 MATRIX: GROUND WATER SOURCE: MW-6, BARCELONETA, PR	DATE:	08/17/16	TYPE:	VIAL/TC	COLOR:	CLEAR	VOLUME:	40
	TIME:	15:00	PRESERVATIVE HCl pH<2, Cool 4 °C					
	TYPE:	Grab						
SAMPLE #: 2539055-1 MATRIX: DI WATER SOURCE: TB 081616, BARCELONETA, PR	DATE:	08/16/16	TYPE:	VIAL/TC	COLOR:	CLEAR	VOLUME:	40
	TIME:	11:00	PRESERVATIVE HCl pH<2, Cool 4 °C					
	TYPE:	Grab						
SAMPLE #: 2539056-1 MATRIX: DI WATER SOURCE: TB 081716, BARCELONETA, PR	DATE:	08/17/16	TYPE:	VIAL/TC	COLOR:	CLEAR	VOLUME:	40
	TIME:	10:10	PRESERVATIVE HCl pH<2, Cool 4 °C					
	TYPE:	Grab						
SAMPLE #: MATRIX: SOURCE:	DATE:		TYPE:		COLOR:		VOLUME:	
	TIME:		PRESERVATIVE					
	TYPE:							
CUSTODY RECORD			SIGNATURE		DATE		TIME	
Collected in field by:			X Roberto de Jesus		08/16/16		1645	
Fixed in field by:			X Roberto de Jesus		08/17/16		1645	
Authorized by:			[Signature]		08/17/16		1645	
Received by EQLF:			[Signature]		08/17/16		1645	
Released to EQLL by:			[Signature]		08/17/16		1645	
Received by EQLL:			[Signature]		08/17/16		1645	
SPECIAL INSTRUCTIONS / COMMENTS: Some samples were collected on 08/16/16 preserved on ice and secured until delivery @ EQ Lab on 08/17/16 - RJB								

*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.



August 31, 2016

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples from 2568353 to 2568356, 2568358 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: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	EPA 5030B

NP = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate 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 NELAP Certification



The results presented herein meet all NELAP requirements.
Refer to eqlab certification number EK7783 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 L. MORALES
Source: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B

ND = Not Detected, MCL = Maximum Contaminant Level, BDL = Below Detection Limit, DNI = Does Not Limit, MDL = Minimum Detection Limit, N/A = Not Applicable
MO = Monitoring Only, MRL = Minimum Reporting Level, P/RU = 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 eq1lab certification number EX77K3 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: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate 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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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: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	21:27	SEDS	08/23/2016

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level FRL = 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 EX7783 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: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	1.2	3.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
	EPA 8260B	ND	µg/L	U	6.0	15.0	---	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B



ND = Not Detected MCL = Maximum Contaminant Level RDL = Below Detection Limit DNI = Does Not Initiate MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTBL = 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

EPDOH 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 1 of 5

Sample Number:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level RDL = Below Detection Limit DNI = Does Not Limit MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRJ = 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

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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 2 of 5



Sample Number:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eq1ab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Iterate MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTR = 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: 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:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Chlorobenzene	EPA 8260B	30.3	µg/L	--	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS

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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.
Refer to equlab certification number E87783 at www.equlab.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.equlab.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:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	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 5 of 5

Sample Number:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B



ND = Not Detected MCL = Maximum Contaminant Level RDL = 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 the sample.
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ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number EX7783 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 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Inhibit 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 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate 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

The results presented herein meet all NELAP requirements.
Refer to eq1lab certification number EX7783 at www.eq1lab.com.

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

Attn: MRS. WANDA I. MORALES
Source: TB 081816
BARCELONETA, PR

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

Laboratory Test Report

Page 3 of 5



ENVIRONMENTAL QUALITY
LABORATORIES, INC.

Sample Number:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	23:10	SEDS	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 listed on a wet weight basis unless otherwise stated. All results relate only to this sample.
+ = Parameter is not accredited under EQA/NELAP Certification

ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eqlab certification number EX7783 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 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS

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 PTR = 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

ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to eq1lab certification number E87763 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: TB 081816
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: 2568355 Date of Report: 08/31/2016
Work Order: 567-01-82 Collected By: RDEJESUS
Delivery Slip: 2016-07717 Eqlab Rep.: EGARCIA
Folder Number: 224205 Proposal Number: 17962 - 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	--	08/23/2016	23:10	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	EPA 5030B



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MLO = 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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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: MW-1
BARCELONETA, PR

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



Laboratory Test Report

Page 1 of 5

Sample Number:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	Method
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	EPA 5030B

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate MDI = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRU = Pesticide 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: 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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Iterate 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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Refer to eqlab certification number E57783 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

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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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Chlorobenzene	EPA 8260B	120	µg/L	--	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Chloroform	EPA 8260B	1.80	µg/L	--	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate 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 EQC's NELAP Certification

ACCREDITED IN ACCORDANCE WITH
nelac
The results presented herein meet all NELAP requirements.
Refer to equb certification number EX7783 at www.equlab.com.

ENVIRONMENTAL QUALITY LABORATORIES, INC.

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

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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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNI = Does Not Initiate 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 EX7783 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: 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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS



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PRDOH Certified
EPA ID PR00014

ACCREDITED IN ACCORDANCE WITH
nelac
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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-A DUP
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:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	SEDS	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-A DUP
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:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS

ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DNT = Does Not Ignite MDL = Minimum Detection Limit N/A = Not Applicable
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ACCREDITED IN ACCORDANCE WITH
nelac
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Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
Client Ref. #: N/A

Laboratory Test Report

Page 3 of 5



Sample Number:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	118	µg/L	--	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Chloroform	EPA 8260B	2.00	µg/L	--	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	00:02	SEDS	EPA 5030B

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

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

Project Name: SITE ASSESSMENT
Facility: PFIZER BARCELONETA
Description: GROUND WATER - Grab
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Laboratory Test Report

Page 4 of 5

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Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis		Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date
Ethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	00:02	SEDS	08/23/2016

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



Laboratory Test Report

Page 5 of 5

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Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS



ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DN = Does Not Iterate 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 analyzed.
+ = Parameter is not accredited under EQLAB's NELAP Certification



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

ENVIRONMENTAL QUALITY LABORATORIES, INC.

2016-07717

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: ERTEC CLIENT ID: 567-01 W.O. #: 82 SITE: BARCELONETA, PR CLIENT REP: MRS. WANDA I. MORALES
O. #: 11767 PWSID #: 224203 FOLDER #: 224203 PROJECT: PFIZER BARCELONETA EQLAB REP: EGARCIA

SAMPLE INFORMATION				CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #:	MATRIX:	DATE:	TIME:	TYPE:	COLOR	VOLUME			
2568333-1	DI WATER	08/18/16	16:15	PRESERVATIVE	CLEAR	40			EPA 8260B VOC
	FB 081816, BARCELONETA, PR		Grab	HCl pH<2, Cool 4 °C					
2568334-1	GROUND WATER	08/18/16	12:30	PRESERVATIVE	CLEAR	40			EPA 8260B VOC
	MW-2, BARCELONETA, PR		Grab	HCl pH<2, Cool 4 °C					
2568335-1	DI WATER	08/18/16	10:35	PRESERVATIVE	CLEAR	40			EPA 8260B VOC
	TB 081816, TRIP		Grab	HCl pH<2, Cool 4 °C					
2568336-1	GROUND WATER	08/18/16	16:05	PRESERVATIVE	CLEAR	40			EPA 8260B VOC
	MW-1, BARCELONETA, PR		Grab	HCl pH<2, Cool 4 °C					

SPECIAL INSTRUCTIONS / COMMENTS:

JUSTODY RECORD	SIGNATURE	DATE	TIME
Collected in field by:	X Roberto de Jesus	08/18/16	16:15
Fixed in field by:	X Roberto de Jesus	08/18/16	16:15
Authorized by:	WIA	08/18/16	0930
Received by EQLF:	WIA	08/18/16	0930
Released to EQLL by:	X Roberto de Jesus	08/18/16	0930
Received by EQLL:	X Roberto de Jesus	08/18/16	0930

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

Arrival Temperature: 2.0°C Signature: WIA

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

ENVIRONMENTAL QUALITY LABORATORIES, INC.

2016-07717

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: ERTEC

CLIENT ID: 567-01

W.O. #: 82

SITE: BARCELONETA, PR

CLIENT REP:

MRS. WANDAL MORALES

O. #: 11767

PWSID #:

FOLDER #:

224205

PROJECT:

PRIZER BARCELONETA

EQLAB REP:

EGARCIA

SAMPLE INFORMATION				CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2568358-1 MATRIX: GROUND WATER SOURCE: MW-A, BARCELONETA, PR	DATE:	08/18/16	TYPE:	VIAL/TC	COLOR	VOLUME			EPA 8260B VOC
	TIME:	16:07							
	TYPE:	Grab							
SAMPLE #: 2568374-1 MATRIX: GROUND WATER SOURCE: DS-1, BARCELONETA, PR	DATE:	08/18/16	TYPE:	P/PC	COLOR	VOLUME			Corrosivity pH, Ignitability, Releasable Cyanide, Releasable Sulfide
	TIME:	16:20							
	TYPE:	Grab							
SAMPLE #: 2568374-2 MATRIX: GROUND WATER SOURCE: DS-1, BARCELONETA, PR	DATE:	08/18/16	TYPE:	VIAL/TC	COLOR	VOLUME			TCLP VOC EPA 8260B
	TIME:	16:20							
	TYPE:	Grab							
SAMPLE #: MATRIX: SOURCE:	DATE:		TYPE:		COLOR	VOLUME			
	TIME:								
	TYPE:								
SPECIAL INSTRUCTIONS / COMMENTS:									

SPECIAL INSTRUCTIONS / COMMENTS:

DATE

SIGNATURE

CUSTODY RECORD

TIME

Robert de Jesus

Collected in field by:

08/18/16

Robert de Jesus

Fixed in field by:

08/18/16

N/A

Authorized by:

08/19/16

Robert de Jesus

Received by EQLF:

08/19/16

Robert de Jesus

Released to EQLL by:

08/19/16

Robert de Jesus

Received by EQLL:

*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.

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

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

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



Laboratory Test Report

Page 1 of 1

Sample Number:	2568374	Collected Date & Time:	08/18/2016 16:20	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 1
Remarks:					

Parameter	Method	Results	Units	DQ	Limits			Analysis			Prep Method	
					MDL	MRL	MCL	Date	Time	By	Date	By
Ignitability ° C	EPA 1010	>90	° C	--	0.0	0.0	<60	08/24/2016	08:59	DSA	--	--
+ Releasable Sulfide	SW 846-7.3.4	BDL	mg/L	U	1.00	1.00	500	08/22/2016	13:00	SVG	08/22/2016	SVG
TCLP VOC EPA 8260B												
* 1,1-Dichloroethene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.7	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* 1,2-Dichloroethane	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.5	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* 1,4-Dichlorobenzene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	7.5	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* 2-Butanone	EPA 8260B	ND	mg/L	U	0.0060	0.0150	200	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Benzene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.5	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Carbon tetrachloride	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.5	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Chlorobenzene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	100	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Chloroform	EPA 8260B	ND	mg/L	U	0.0012	0.0030	6.0	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Tetrachloroethene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.7	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Trichloroethene	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.5	08/24/2016	20:01	SEDS	08/24/2016	GJFV
* Vinyl chloride	EPA 8260B	ND	mg/L	U	0.0012	0.0030	0.2	08/24/2016	20:01	SEDS	08/24/2016	GJFV
+ Releasable Cyanide	SW 846 - 7.3.3	BDL	mg/L	U	1.0	1.0	250	08/25/2016	09:00	UNL	08/26/2016	UNL
Corrosivity, pH	EPA 9040C	7.46	S. U.	--	1.00	--	<2 - >12.5	08/19/2016	14:10	UNL	08/26/2016	UNL



ND = Not Detected MCL = Maximum Contaminant Level BDL = Below Detection Limit DML = Does Not Apply MDL = Minimum Detection Limit N/A = Not Applicable
MO = Monitoring Only MRL = Minimum Reporting Level PTRL = Pattern Recognition Level All results calculated in a wet weight basis unless otherwise stated. All results relate only to the sample analyzed.
* = Parameter is not accredited under EQ/LAS 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.equlab.com

PRDOH Certified
EPA ID PR00014

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: ERTEC CLIENT ID: 567-01 W.O. #: 82 SITE: BARCELONETA, PR CLIENT REP: MRS. WANDA I. MORALES
O. #: 11767 PWSID #: FOLDER #: 224205 PROJECT: PFIZER BARCELONETA EQLAB REP: EGARCIA

SAMPLE INFORMATION				CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED			
SAMPLE #: MATRIX: SOURCE:	2568358-1 GROUND WATER MW-A, BARCELONETA, PR	DATE:	08/18/16	TYPE	VIAL/TC	COLOR	VOLUME		EPA 8260B VOC		
		TIME:	16:07	PRESERVATIVE HCl pH<2,Cool 4 °C							
		TYPE:	Grab								
SAMPLE #: MATRIX: SOURCE:	2568374-1 GROUND WATER DS-1, BARCELONETA, PR	DATE:	08/18/16	TYPE	P/PC	COLOR	VOLUME		Corrosivity pH, Ignitability, Releasable Cyanide, Releasable Sulfide		
		TIME:	16:20	PRESERVATIVE Cool 4 °C							
		TYPE:	Grab								
SAMPLE #: MATRIX: SOURCE:	2568374-2 GROUND WATER DS-1, BARCELONETA, PR	DATE:	08/18/16	TYPE	VIAL/TC	COLOR	VOLUME		TCLP VOC EPA 8260B		
		TIME:	16:20	PRESERVATIVE Cool 4 °C							
		TYPE:	Grab								
SAMPLE #: MATRIX: SOURCE:		DATE:		TYPE		COLOR	VOLUME				
		TIME:		PRESERVATIVE							
		TYPE:									

RAB
08/19/16

CUSTODY RECORD		SIGNATURE	DATE	TIME
Collected in field by:	X	Roberto de Jesus	08/18/16	0930
Fixed in field by:	X	Roberto de Jesus	08/18/16	
Authorized by:		N/A		
Received by EQLF:				
Released to EQLL by:	X	Roberto de Jesus	08/19/16	0930
Received by EQLL:		Roberto de Jesus	08/19/16	0930

SPECIAL INSTRUCTIONS / COMMENTS:

*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

(CORRECTED September 13, 2016)

Facility:

PFIZER BARCELONETA

Projects

SITE ASSESMENT

Samples Received on:

August 17 and 19, 2016

Folder #: 221475 and 224205

W.O. #:

567-01-82





September 13, 2016

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

Attn: MRS. WANDA I. MORALES

**Re: Quality Assurance Report for the samples received on August 17 and 19,
2016**

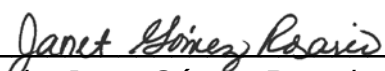
Dear Mrs. Morales:

Enclosed you will find the Quality Assurance Report for the samples received on August 17 and 19, 2016 for SITE ASSESMENT 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

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

List of Appendices

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A	Chain of Custody Documentation
B	Raw Data Worksheets
C	Proficiency Test (PT)

SECTION 1
QUALITY ASSURANCE NARRATIVE



QUALITY ASSURANCE NARRATIVE

OVERVIEW

On August 17 and 19, 2016, Environmental Quality Laboratories, Inc. received from ERTEC twelve samples. (Six DI Water and Six Ground Water) The samples were collected on August 16, 17 and 18, 2016 at the PFIZER BARCELONETA facility for the SITE ASSESMENT project. The samples were analyzed for EPA 8260B VOC. The samples were received in good condition (2 °C) and stored at 4 °C ± 2 °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
2539049	FB 081616	DI WATER
2539050	FB 081716	DI WATER
2539051	MW-5	GROUND WATER
2539052	MW-3	GROUND WATER
2539053	MW-6	GROUND WATER
2539055	TB 081616	DI WATER
2539056	TB081716	DI WATER
2568353	FB 081816	DI WATER
2568354	MW-2	GROUND WATER
2568355	TB 081816	DI WATER
2568356	MW-1	GROUND WATER
2568358	MW-A DUP	GROUND WATER

In the Appendices you will find copies of the supporting documentation of your samples. Appendix A contains the Chain of Custody Documentation and Appendix B contains the Raw Data Worksheets.



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. 3, Aug
1996.**

RUN # 1181519

Deviation:

Analysis Date: August 23-24, 2016

Sample	Analyte	Deviation	% Recovery	Range
2568631	Dibromofluoromethane-SURR	00S	135.0	76-123%
2568356	4-Bromofluorobenzene-SURR	00S	69.6	71-125%
2568358/DUP	4-Bromofluorobenzene-SURR	00S	59.7	71-125%
2568584	4-Bromofluorobenzene-SURR	00S	70.2	71-125%
2566148	Dibromofluoromethane-SURR	00S	133.0	76-123%
2566148	4-Bromofluorobenzene-SURR	00S	69.8	71-125%
2539053	Dibromofluoromethane-SURR	00S	131.0	76-123%
2539053	4-Bromofluorobenzene-SURR	00S	67.6	71-125%
2539052	Dibromofluoromethane-SURR	00S	134.0	76-123%
2539051	4-Bromofluorobenzene-SURR	00S	68.8	71-125%
2539051	Dibromofluoromethane-SURR	00S	131.0	76-123%



Deviation:

Analysis Date: August 23-24, 2016

Sample	Analyte	Deviation	% Recovery	Range
2566149	4-Bromofluorobenzene-SURR	00S	70.1	71-125%
2566149	Dibromofluoromethane-SURR	00S	134.0	76-123%
2566150	4-Bromofluorobenzene-SURR	00S	68.4	71-125%
2566150	Dibromofluoromethane-SURR	00S	133.0	76-123%
2566151	4-Bromofluorobenzene-SURR	00S	66.1	71-125%
2567948	4-Bromofluorobenzene-SURR	00S	69.9	71-125%
2567948	Dibromofluoromethane-SURR	00S	135.0	76-123%
2568354	4-Bromofluorobenzene-SURR	00S	65.7	71-125%
2568354	Dibromofluoromethane-SURR	00S	131.0	76-123%
2569459/DUP	4-Bromofluorobenzene-SURR	00S	56.7	71-125%
2569463/MS	Dibromofluoromethane-SURR	00S	129.0	76-123%
2569463/MS	cis-1,2-Dichloroethene	00S	131.0	66-127%
2569461/LFB	Dibromofluoromethane-SURR	00S	121.0	83-120%
2569462/LFBD	Chloromethane	00S	144.0	43-140%
2569462/LFBD	Dibromofluoromethane-SURR	00S	124.0	83-120%

Explanation: The above Analytes and SURR there is possible matrix spike interference affecting the recovery. Samples are ND in the run.

Deviation:

Analysis Date: August 23-24, 2016

Sample	Analyte	Deviation	% Recovery	Range
2569458/CCV	Trichlorofluoromethane	00S	78.5	80-120%

Explanation: CCC is on control. Meets the requirements of Method EPA 8260B 7.4.5.2 "If the percent difference or drift for each CCC is less than or equal to 20% the initial calibration is assumed to be valid."



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 ($\leq 40\%$)

$RPD_{\text{Micro}} = (\text{Log}_{10} \text{ Final Result QC}) - (\text{Log}_{10} \text{ Final Result Ref})$ 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:

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

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

September 13, 2016
Date

Janet Gómez Rosado
Checked by:
Lcda. Janet Gómez
QA/QC Supervisor

September 13, 2016
Date

SECTION 2
LABORATORY TEST REPORT



August 30, 2016

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples from 2539049 to 2539053, 2539055 & 2539056 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: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016	15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016	16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	221475				Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	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.

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: FB 081616
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: 2539049	Collected Date & Time: 08/16/2016 15:00	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B

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

Attn: MRS. WANDA I. MORALES
Source: FB 081616
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: 2539049	Collected Date & Time: 08/16/2016 15:00	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B

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Attn: MRS. WANDA I. MORALES
Source: FB 081616
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:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	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 081616
BARCELONETA, PR

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



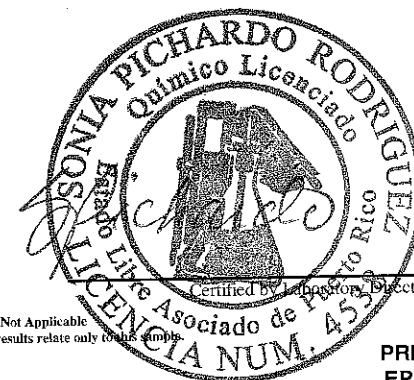
Laboratory Test Report

Page 5 of 5

Sample Number:	2539049	Collected Date & Time:	08/16/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	19:44	SEDS	08/23/2016	SEDS	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 1 of 5

Sample Number: 2539050	Collected Date & Time: 08/17/2016 15:06	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B

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



Laboratory Test Report

Page 2 of 5

Sample Number: 2539050	Collected Date & Time: 08/17/2016 15:06	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	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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Refer to eqlab certification number E87783 at www.eq1lab.com

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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.eq1lab.com

PRDOH Certified
EPA ID PR00014

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

Attn: MRS. WANDA I. MORALES
Source: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRI = 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 NELAC requirements.
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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

PRDOH Certified
EPA ID PR00014

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

Attn: MRS. WANDA I. MORALES
Source: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B

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MO = Monitoring Only MRL = Minimum Reporting Level PTRJ = 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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Attn: MRS. WANDA I. MORALES
Source: FB 081716
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:	2539050	Collected Date & Time:	08/17/2016 15:06	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:10	SEDS	08/23/2016	SEDS	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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PRDOH Certified
EPA ID PR00014

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 1 of 5

Sample Number:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	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 2 of 5

Sample Number:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	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-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:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B

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To: ERTEC
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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 4 of 5

Sample Number:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B

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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

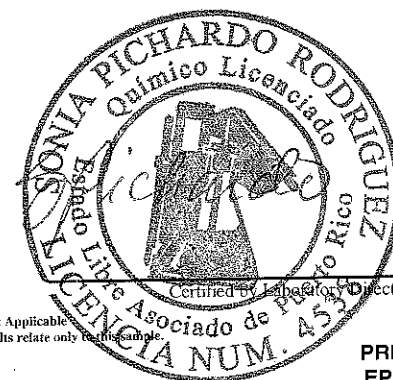


Laboratory Test Report

Page 5 of 5

Sample Number:	2539051	Collected Date & Time:	08/16/2016 14:55	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:29	SEDS	08/23/2016	SEDS	EPA 5030B



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EPA ID PR00014

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

Attn: MRS. WANDA I. MORALES
Source: MW-3
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:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	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:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B

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Laboratory Test Report

Page 3 of 5

Sample Number:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	4.00	µg/L	--	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	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
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Refer to eqlab certification number B87783 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-3
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:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B

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Source: MW-3
BARCELONETA, PR

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



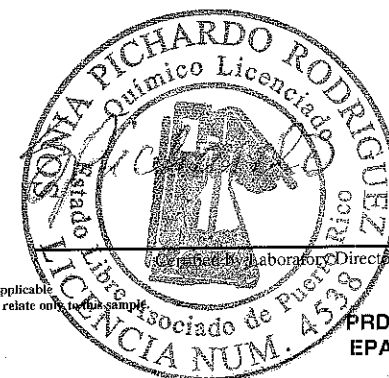
Laboratory Test Report

Page 5 of 5

Sample Number:	2539052	Collected Date & Time:	08/17/2016 11:43	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	03:03	SEDS	08/23/2016	SEDS	EPA 5030B

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ACCREDITED IN ACCORDANCE WITH
nelac
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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:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B

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Source: MW-6
BARCELONETA, PR

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



Laboratory Test Report

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Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B

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Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	7.10	µg/L	--	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B

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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 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 4 of 5

Sample Number: 2539053	Collected Date & Time: 08/17/2016 15:00	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B

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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

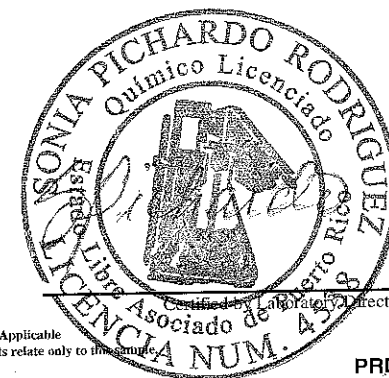


Laboratory Test Report

Page 5 of 5

Sample Number:	2539053	Collected Date & Time:	08/17/2016 15:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	02:37	SEDS	08/23/2016	SEDS	EPA 5030B



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

Attn: MRS. WANDA I. MORALES
Source: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	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: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B

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



Laboratory Test Report

Page 3 of 5

Sample Number:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B

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ACCREDITED IN ACCORDANCE WITH
nelap
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To: ERTEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 081616
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:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	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.
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60 E STREET, MINILLAS INDUSTRIAL PARK, BAYAMÓN, PR 00959
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PRDOH Certified
EPA ID PR00014

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SAN JUAN PR 00919-5336

Attn: MRS. WANDA L MORALES
Source: TB 081616
BARCELONETA, PR

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

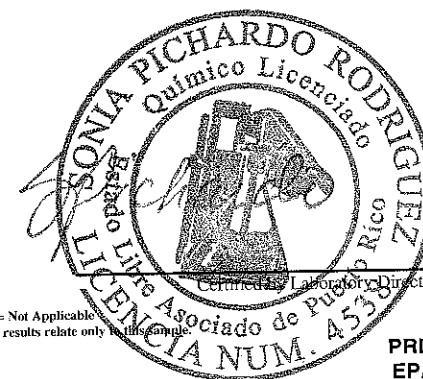


Laboratory Test Report

Page 5 of 5

Sample Number:	2539055	Collected Date & Time:	08/16/2016 11:00	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	20:35	SEDS	08/23/2016	SEDS	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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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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B

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SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: TB 081716
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:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B

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



Laboratory Test Report

Page 3 of 5

Sample Number:	2539056	Collected Date & Time:	08/17/2016 10:10	Date of Report:	08/30/2016
Work Order:	567-01-82	Received Date & Time:	08/17/2016 16:45	Collected By:	RDEJESUS
Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B

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



Laboratory Test Report

Page 4 of 5

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Delivery Slip:	2016-05113	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	221475			Proposal Number:	17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B

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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

PRDOH Certified
EPA ID PR00014

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

Attn: MRS. WANDA I. MORALES
Source: TB 081716
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: 2539056	Collected Date & Time: 08/17/2016 10:10	Date of Report: 08/30/2016
Work Order: 567-01-82	Received Date & Time: 08/17/2016 16:45	Collected By: RDEJESUS
Delivery Slip: 2016-05113	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 221475		Proposal Number: 17962 - 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	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:01	SEDS	08/23/2016	SEDS	EPA 5030B



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EPA ID PR00014



August 31, 2016

MRS. WANDA I. MORALES

ERTEC

PO BOX 195336

SAN JUAN PR 00919-5336

I hereby certify that the results reported for EQ Lab Samples from 2568353 to 2568356, 2568358 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: FB 081816
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: 2568353	Collected Date & Time: 08/18/2016 16:15	Date of Report: 08/31/2016
Work Order: 567-01-82	Received Date & Time: 08/19/2016 09:30	Collected By: RDEJESUS
Delivery Slip: 2016-07717	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 224205		Proposal Number: 17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	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 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	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 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B

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Source: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	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
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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 I. MORALES
Source: FB 081816
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:	2568353	Collected Date & Time:	08/18/2016 16:15	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	21:27	SEDS	08/23/2016	SEDS	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 the 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.

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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 1 of 5

Sample Number:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

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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 2 of 5

Sample Number: 2568354	Collected Date & Time: 08/18/2016 12:30	Date of Report: 08/31/2016
Work Order: 567-01-82	Received Date & Time: 08/19/2016 09:30	Collected By: RDEJESUS
Delivery Slip: 2016-07717	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 224205		Proposal Number: 17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

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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:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	30.3	µg/L	--	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

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ACCREDITED IN ACCORDANCE WITH
nelac
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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:	2568354	Collected Date & Time:	08/18/2016 12:30	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B

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



Laboratory Test Report

Page 5 of 5

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Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	05:38	SEDS	08/23/2016	SEDS	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 the sample.
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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 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	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 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	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: TB 081816
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:	2568355	Collected Date & Time:	08/18/2016 10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	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. WANDA I. MORALES
Source: TB 081816
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:	2568355	Collected Date & Time:	08/18/2016	10:35	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016	09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C		Eqlab Rep.:	EGARCIA
Folder Number:	224205				Proposal Number:	17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B

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ACCREDITED IN ACCORDANCE WITH
nelap
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Source: TB 081816
BARCELONETA, PR

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

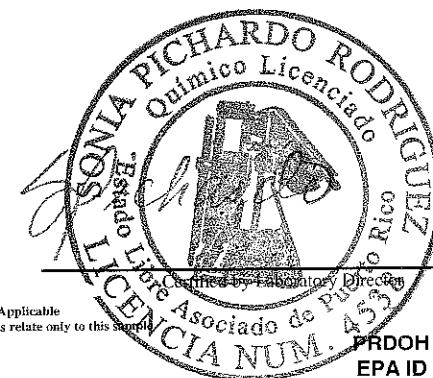


Laboratory Test Report

Page 5 of 5

Sample Number: 2568355	Collected Date & Time: 08/18/2016 10:35	Date of Report: 08/31/2016
Work Order: 567-01-82	Received Date & Time: 08/19/2016 09:30	Collected By: RDEJESUS
Delivery Slip: 2016-07717	Temperature at Arrival: 2.0 °C	Eqlab Rep.: EGARCIA
Folder Number: 224205		Proposal Number: 17962 - 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	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:10	SEDS	08/23/2016	SEDS	EPA 5030B



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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 1 of 5

Sample Number:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	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

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 2 of 5

Sample Number:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	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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PO BOX 11458 SANTURCE, PR 00910-1458 TEL. (787) 288-6420 FAX (787) 288-6465 www.eqlab.com

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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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	120	µg/L	--	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	1.80	µg/L	--	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B

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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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	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:	2568356	Collected Date & Time:	08/18/2016 16:05	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/23/2016	23:36	SEDS	08/23/2016	SEDS	EPA 5030B



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

Attn: MRS. WANDA I. MORALES
Source: MW-A DUP
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:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,1-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1,2-Trichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,1-Dichloropropene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,3-Trichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2,4-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromo-3-chloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dibromoethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,3,5-Trimethylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B

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PRDOH Certified
EPA ID PR00014

To: ER/TEC
P.O. BOX 195336
SAN JUAN PR 00919-5336

Attn: MRS. WANDA I. MORALES
Source: MW-A DUP
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:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,3-Dichloropropane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1,4-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
1-Chlorohexane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
2,2-Dichloropropane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
2-Butanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chloroethyl vinyl ether	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
2-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
2-Hexanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
4-Chlorotoluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
4-Isopropyltoluene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
4-Methyl-2-pentanone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Acetone	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Acrolein	EPA 8260B	ND	µg/L	U	25.0	75.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Acrylonitrile	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Benzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	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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Attn: MRS. WANDA I. MORALES
Source: MW-A DUP
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:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Bromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Bromodichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Bromoform	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Bromomethane	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon disulfide	EPA 8260B	ND	µg/L	U	7.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Carbon tetrachloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Chlorobenzene	EPA 8260B	118	µg/L	--	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Chloroform	EPA 8260B	2.00	µg/L	--	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Chloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromochloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Dibromomethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Dichlorodifluoromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Dichloromethane	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Epichlorohydrin	EPA 8260B	ND	µg/L	U	30.0	75.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B

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Laboratory Test Report

Page 4 of 5

Sample Number:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Hexachlorobutadiene	EPA 8260B	ND	µg/L	U	1.4	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Iodomethane	EPA 8260B	ND	µg/L	U	8.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Isopropylbenzene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Naphthalene	EPA 8260B	ND	µg/L	U	2.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Styrene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Tetrachloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
+ Tetrahydrofuran	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Toluene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Trichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Trichlorofluoromethane	EPA 8260B	ND	µg/L	U	1.5	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl Acetate	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
Vinyl chloride	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
cis-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
m,p-Xylene	EPA 8260B	ND	µg/L	U	1.8	6.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B

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Laboratory Test Report

Page 5 of 5

Sample Number:	2568358	Collected Date & Time:	08/18/2016 16:07	Date of Report:	08/31/2016
Work Order:	567-01-82	Received Date & Time:	08/19/2016 09:30	Collected By:	RDEJESUS
Delivery Slip:	2016-07717	Temperature at Arrival:	2.0 °C	Eqlab Rep.:	EGARCIA
Folder Number:	224205			Proposal Number:	17962 - 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	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
n-Propylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
o-Dichlorobenzene	EPA 8260B	ND	µg/L	U	1.0	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
o-Xylene	EPA 8260B	ND	µg/L	U	2.3	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
sec-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
tert-Butylbenzene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,2-Dichloroethene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,3-Dichloropropene	EPA 8260B	ND	µg/L	U	1.2	3.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	µg/L	U	6.0	15.0	--	08/24/2016	00:02	SEDS	08/23/2016	SEDS	EPA 5030B

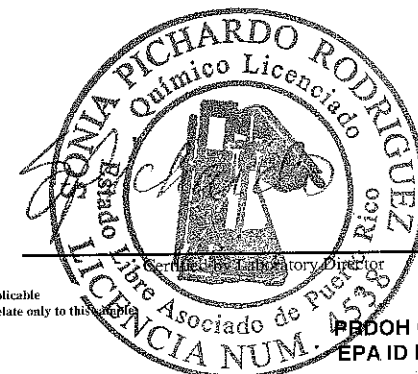
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SECTION 3
ANALYTICAL TEST RESULTS
QUALITY ASSURANCE REPORT



Analytical Test Results Quality Assurance Report

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

Date: September 13, 2016

1.0 Samples Analyzed:

EQL SAMPLE #	DATE COLLECTED	DATE RECEIVED
2539049, 2539051, 2539055,	August 16, 2016	August 17, 2016
2539050, 2539052, 2539053, 2539056,	August 17, 2016	August 17, 2016
2538353, 2538354, 2538355, 2538356, 2538358	August 18, 2016	August 19, 2016

2.0 Instrumentation:

Parameter	Instrumentation Used
Volatile Organic Compounds (VOC's)	(V-7) AG7890MS Gas Chromatograph with a Mass Selective Detector.

3.0 Methodology:

Parameter	Method	Date Analyzed	Analyst
EPA 8260B VOC	EPA 8260B	August 23, 2016 August 24, 2016	S. Díaz

Lcdo Marcelino Benítez
QA/QC Coordinador Licensed

QUALITY CONTROL SUMMARY



EPA 8260B VOC - Run #181519

2569453 - LRB

Reference Sample Number is: 2568356

Analyte Name	Accuracy								Precision						
	Reference	QC	DQ	Units	MDL	MRL	A/A	Rec. %	Acceptance Criteria		RPD	Acceptance Criteria	Analysis		
	Result	Result							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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
1,2-Dichloropropane	N.D	N.D	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
1,3-Dichloropropane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS



QUALITY CONTROL SUMMARY



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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	08/23/16	16:43	SEDS
4-Bromofluorobenzene-SURR	13.9	16.4	--	µg/L	N/A	N/A	20.0	82.1	79	121	N/A	N/A	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
Acetone	N.D	N.D	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Acrolein	N.D	N.D	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Acrylonitrile	N.D	N.D	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Benzene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Bromobenzene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Bromochloromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Bromodichloromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Bromoform	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Bromomethane	N.D	N.D	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
Chlorobenzene	119.8	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Chloroethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Chloroform	1.8	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Chloromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Dibromochloromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Dibromofluoromethane-SURR	23.8	23.2	--	µg/L	N/A	N/A	20.0	116	83	120	N/A	N/A	08/23/16	16:43	SEDS
Dibromomethane	N.D	N.D	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Dichlorodifluoromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Dichloromethane	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Epichlorohydrin	N.D	N.D	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Ethylbenzene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Hexachlorobutadiene	N.D	N.D	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Iodomethane	N.D	N.D	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Isopropylbenzene	N.D	N.D	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Naphthalene	N.D	N.D	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS



QUALITY CONTROL SUMMARY



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Styrene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Tetrachloroethene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Tetrahydrofuran	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Toluene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Toluene-d8-SURR	19.8	19.4	--	µg/L	N/A	N/A	20.0	97.0	80	116	N/A	N/A	08/23/16	16:43	SEDS
Trichloroethene	N.D	N.D	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
Trichlorofluoromethane	N.D	N.D	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	N/A	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS
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	08/23/16	16:43	SEDS

2569454 - ICV

Reference Sample Number is: 2568356

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	23.3	--	µg/L	1.2	3.0	20.0	116	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,1,1-Trichloroethane	N.D	22.8	--	µg/L	1.2	3.0	20.0	114	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,1,2,2-Tetrachloroethane	N.D	20.5	--	µg/L	1.2	3.0	20.0	102	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,1,2-Trichloroethane	N.D	22.3	--	µg/L	1.2	3.0	20.0	112	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,1-Dichloroethane	N.D	21.4	--	µg/L	2.0	3.0	20.0	107	80	120	N/A	N/A	08/23/16	17:35	SEDS



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
TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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1,1-Dichloroethene	N.D	16.2	--	µg/L	1.2	3.0	20.0	80.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,1-Dichloropropene	N.D	21.6	--	µg/L	1.4	3.0	20.0	108	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2,3-Trichlorobenzene	N.D	18.8	--	µg/L	1.2	3.0	20.0	93.8	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2,3-Trichloropropane	N.D	22.7	--	µg/L	1.2	3.0	20.0	114	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2,4-Trichlorobenzene	N.D	19.6	--	µg/L	1.2	3.0	20.0	97.8	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2,4-Trimethylbenzene	N.D	19.0	--	µg/L	1.2	3.0	20.0	94.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2-Dibromo-3-chloropropane	N.D	18.7	--	µg/L	1.2	3.0	20.0	93.5	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2-Dibromoethane	N.D	21.0	--	µg/L	1.2	3.0	20.0	105	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2-Dichloroethane	N.D	23.5	--	µg/L	1.2	3.0	20.0	117	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,2-Dichloropropane	N.D	22.6	--	µg/L	2.0	3.0	20.0	113	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,3,5-Trimethylbenzene	N.D	19.5	--	µg/L	1.2	3.0	20.0	97.3	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,3-Dichlorobenzene	N.D	18.9	--	µg/L	1.2	3.0	20.0	94.6	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,3-Dichloropropane	N.D	20.9	--	µg/L	1.2	3.0	20.0	104	80	120	N/A	N/A	08/23/16	17:35	SEDS
1,4-Dichlorobenzene	N.D	21.9	--	µg/L	1.2	3.0	20.0	109	80	120	N/A	N/A	08/23/16	17:35	SEDS
1-Chlorohexane	N.D	17.0	--	µg/L	1.5	3.0	20.0	85.0	80	120	N/A	N/A	08/23/16	17:35	SEDS
2,2-Dichloropropane	N.D	17.2	--	µg/L	1.2	3.0	20.0	86.1	80	120	N/A	N/A	08/23/16	17:35	SEDS
2-Butanone	N.D	100.6	--	µg/L	6.0	15.0	100	101	80	120	N/A	N/A	08/23/16	17:35	SEDS
2-Chloroethyl vinyl ether	N.D	100.3	--	µg/L	6.0	15.0	100	100	80	120	N/A	N/A	08/23/16	17:35	SEDS
2-Chlorotoluene	N.D	18.5	--	µg/L	1.4	3.0	20.0	92.3	80	120	N/A	N/A	08/23/16	17:35	SEDS
2-Hexanone	N.D	89.4	--	µg/L	6.0	15.0	100	89.4	80	120	N/A	N/A	08/23/16	17:35	SEDS
4-Bromofluorobenzene-SURR	13.9	18.3	--	µg/L	N/A	N/A	20.0	91.6	79	121	N/A	N/A	08/23/16	17:35	SEDS
4-Chlorotoluene	N.D	17.5	--	µg/L	1.2	3.0	20.0	87.7	80	120	N/A	N/A	08/23/16	17:35	SEDS
4-Isopropyltoluene	N.D	22.5	--	µg/L	1.4	3.0	20.0	113	80	120	N/A	N/A	08/23/16	17:35	SEDS
4-Methyl-2-pentanone	N.D	102.8	--	µg/L	6.0	15.0	100	103	80	120	N/A	N/A	08/23/16	17:35	SEDS
Acetone	N.D	108.1	--	µg/L	6.0	15.0	100	108	80	120	N/A	N/A	08/23/16	17:35	SEDS
Acrolein	N.D	456.6	--	µg/L	25.0	75.0	500	91.3	80	120	N/A	N/A	08/23/16	17:35	SEDS
Acrylonitrile	N.D	84.7	--	µg/L	6.0	15.0	100	84.7	80	120	N/A	N/A	08/23/16	17:35	SEDS
Benzene	N.D	22.1	--	µg/L	1.2	3.0	20.0	110	80	120	N/A	N/A	08/23/16	17:35	SEDS
Bromobenzene	N.D	20.3	--	µg/L	1.2	3.0	20.0	101	80	120	N/A	N/A	08/23/16	17:35	SEDS
Bromochloromethane	N.D	20.8	--	µg/L	1.2	3.0	20.0	104	80	120	N/A	N/A	08/23/16	17:35	SEDS
Bromodichloromethane	N.D	22.6	--	µg/L	1.2	3.0	20.0	113	80	120	N/A	N/A	08/23/16	17:35	SEDS



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TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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Bromoform	N.D	20.5	--	µg/L	1.2	3.0	20.0	102	80	120	N/A	N/A	08/23/16	17:35	SEDS
Bromomethane	N.D	18.5	--	µg/L	2.0	3.0	20.0	92.3	80	120	N/A	N/A	08/23/16	17:35	SEDS
Carbon disulfide	N.D	117.9	--	µg/L	7.0	15.0	100	118	80	120	N/A	N/A	08/23/16	17:35	SEDS
Carbon tetrachloride	N.D	23.1	--	µg/L	1.2	3.0	20.0	115	80	120	N/A	N/A	08/23/16	17:35	SEDS
Chlorobenzene	119.8	21.8	--	µg/L	1.2	3.0	20.0	109	80	120	N/A	N/A	08/23/16	17:35	SEDS
Chloroethane	N.D	18.9	--	µg/L	1.2	3.0	20.0	94.5	80	120	N/A	N/A	08/23/16	17:35	SEDS
Chloroform	1.8	17.9	--	µg/L	1.2	3.0	20.0	89.5	80	120	N/A	N/A	08/23/16	17:35	SEDS
Chloromethane	N.D	16.2	--	µg/L	1.2	3.0	20.0	81.1	80	120	N/A	N/A	08/23/16	17:35	SEDS
Dibromochloromethane	N.D	22.3	--	µg/L	1.2	3.0	20.0	111	80	120	N/A	N/A	08/23/16	17:35	SEDS
Dibromofluoromethane-SURR	23.8	22.8	--	µg/L	N/A	N/A	20.0	114	83	120	N/A	N/A	08/23/16	17:35	SEDS
Dibromomethane	N.D	21.5	--	µg/L	1.5	3.0	20.0	108	80	120	N/A	N/A	08/23/16	17:35	SEDS
Dichlorodifluoromethane	N.D	16.6	--	µg/L	1.2	3.0	20.0	82.8	80	120	N/A	N/A	08/23/16	17:35	SEDS
Dichloromethane	N.D	18.6	--	µg/L	1.2	3.0	20.0	93.1	80	120	N/A	N/A	08/23/16	17:35	SEDS
Epichlorohydrin	N.D	489.3	--	µg/L	30.0	75.0	500	97.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
Ethylbenzene	N.D	19.3	--	µg/L	1.2	3.0	20.0	96.3	80	120	N/A	N/A	08/23/16	17:35	SEDS
Hexachlorobutadiene	N.D	23.8	--	µg/L	1.4	3.0	20.0	119	80	120	N/A	N/A	08/23/16	17:35	SEDS
Iodomethane	N.D	101.2	--	µg/L	8.0	15.0	100	101	80	120	N/A	N/A	08/23/16	17:35	SEDS
Isopropylbenzene	N.D	18.5	--	µg/L	2.0	3.0	20.0	92.5	80	120	N/A	N/A	08/23/16	17:35	SEDS
Naphthalene	N.D	16.4	--	µg/L	2.0	3.0	20.0	82.1	80	120	N/A	N/A	08/23/16	17:35	SEDS
Styrene	N.D	16.3	--	µg/L	1.2	3.0	20.0	81.5	80	120	N/A	N/A	08/23/16	17:35	SEDS
Tetrachloroethene	N.D	17.5	--	µg/L	1.2	3.0	20.0	87.4	80	120	N/A	N/A	08/23/16	17:35	SEDS
Tetrahydrofuran	N.D	19.0	--	µg/L	1.2	3.0	20.0	94.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
Toluene	N.D	22.9	--	µg/L	1.2	3.0	20.0	114	80	120	N/A	N/A	08/23/16	17:35	SEDS
Toluene-d8-SURR	19.8	19.8	--	µg/L	N/A	N/A	20.0	98.8	80	116	N/A	N/A	08/23/16	17:35	SEDS
Trichloroethene	N.D	23.0	--	µg/L	1.2	3.0	20.0	115	80	120	N/A	N/A	08/23/16	17:35	SEDS
Trichlorofluoromethane	N.D	17.2	--	µg/L	1.5	3.0	20.0	86.2	80	120	N/A	N/A	08/23/16	17:35	SEDS
Vinyl Acetate	N.D	109.4	--	µg/L	6.0	15.0	100	109	80	120	N/A	N/A	08/23/16	17:35	SEDS
Vinyl chloride	N.D	19.6	--	µg/L	1.2	3.0	20.0	97.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
cis-1,2-Dichloroethene	N.D	16.0	--	µg/L	1.2	3.0	20.0	80.2	80	120	N/A	N/A	08/23/16	17:35	SEDS
cis-1,3-Dichloropropene	N.D	18.0	--	µg/L	1.2	3.0	20.0	90.0	80	120	N/A	N/A	08/23/16	17:35	SEDS
m,p-Xylene	N.D	36.4	--	µg/L	1.8	6.0	40.0	91.1	80	120	N/A	N/A	08/23/16	17:35	SEDS



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
TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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n-Butylbenzene	N.D	22.1	--	µg/L	1.2	3.0	20.0	110	80	120	N/A	N/A	08/23/16	17:35	SEDS
n-Propylbenzene	N.D	17.4	--	µg/L	1.2	3.0	20.0	87.1	80	120	N/A	N/A	08/23/16	17:35	SEDS
o-Dichlorobenzene	N.D	18.4	--	µg/L	1.0	3.0	20.0	91.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
o-Xylene	N.D	17.5	--	µg/L	2.3	3.0	20.0	87.7	80	120	N/A	N/A	08/23/16	17:35	SEDS
sec-Butylbenzene	N.D	18.0	--	µg/L	1.2	3.0	20.0	90.0	80	120	N/A	N/A	08/23/16	17:35	SEDS
tert-Butylbenzene	N.D	18.2	--	µg/L	1.2	3.0	20.0	90.9	80	120	N/A	N/A	08/23/16	17:35	SEDS
trans-1,2-Dichloroethene	N.D	18.3	--	µg/L	1.2	3.0	20.0	91.7	80	120	N/A	N/A	08/23/16	17:35	SEDS
trans-1,3-Dichloropropene	N.D	20.5	--	µg/L	1.2	3.0	20.0	103	80	120	N/A	N/A	08/23/16	17:35	SEDS
trans-1,4-Dichloro-2-butene	N.D	96.4	--	µg/L	6.0	15.0	100	96.4	80	120	N/A	N/A	08/23/16	17:35	SEDS

2568358 - DUP

Reference Sample Number is: 2568356

2568358 - DUP							Accuracy				Precision				
Reference Sample Number is: 2568356															
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS



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QUALITY CONTROL SUMMARY



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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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
1-Chlorohexane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
2-Butanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
2-Chlorotoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
2-Hexanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
4-Bromofluorobenzene-SURR	13.9	11.9	Q	µg/L	N/A	N/A	20.00	59.7	71	125	N/A	N/A	08/24/16	00:02	SEDS
4-Chlorotoluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
4-Isopropyltoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
Acetone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Acrolein	N.D	N.D.	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Acrylonitrile	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Benzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Bromobenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Bromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Bromodichloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Bromoform	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Bromomethane	N.D	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Carbon disulfide	N.D	N.D.	U	µg/L	7.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Carbon tetrachloride	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Chlorobenzene	119.8	118.3	--	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	1.26	20	08/24/16	00:02	SEDS
Chloroethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Chloroform	1.8	2.0	--	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N.C.	20	08/24/16	00:02	SEDS
Chloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Dibromochloromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Dibromofluoromethane-SURR	23.8	20.3	--	µg/L	N/A	N/A	20.00	101	76	123	N/A	N/A	08/24/16	00:02	SEDS
Dibromomethane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Dichlorodifluoromethane	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS



QUALITY CONTROL SUMMARY



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Dichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Epichlorohydrin	N.D.	N.D.	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Ethylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Hexachlorobutadiene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Iodomethane	N.D.	N.D.	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Isopropylbenzene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Naphthalene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Styrene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Tetrachloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Tetrahydrofuran	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Toluene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Toluene-d8-SURR	19.8	19.4	--	µg/L	N/A	N/A	20.00	97.0	77	122	N/A	N/A	08/24/16	00:02	SEDS
Trichloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Trichlorofluoromethane	N.D.	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Vinyl Acetate	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
Vinyl chloride	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
n-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
n-Propylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
o-Dichlorobenzene	N.D.	N.D.	U	µg/L	1.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
o-Xylene	N.D.	N.D.	U	µg/L	2.3	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
sec-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
tert-Butylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS
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	08/24/16	00:02	SEDS



QUALITY CONTROL SUMMARY



2569459 - DUP

Reference Sample Number is: 2568354

2569459 - DUP							Accuracy				Precision				
Reference Sample Number is: 2568354															
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
1-Chlorohexane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
2-Butanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
2-Chlorotoluene	N.D	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
2-Hexanone	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
4-Bromofluorobenzene-SURR	13.1	11.3	Q	µg/L	N/A	N/A	20.0	56.7	71	125	N/A	N/A	08/24/16	06:04	SEDS
4-Chlorotoluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS



QUALITY CONTROL SUMMARY



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4-Isopropyltoluene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
Acetone	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Acrolein	N.D.	N.D.	U	µg/L	25.0	75.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Acrylonitrile	N.D.	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Benzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Bromobenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Bromochloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Bromodichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Bromoform	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Bromomethane	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Carbon disulfide	N.D.	N.D.	U	µg/L	7.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Carbon tetrachloride	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Chlorobenzene	30.3	29.6	Q	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	2.34	20	08/24/16	06:04	SEDS
Chloroethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Chloroform	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Chloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Dibromochloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Dibromofluoromethane-SURR	26.3	21.7	--	µg/L	N/A	N/A	20.0	109	76	123	N/A	N/A	08/24/16	06:04	SEDS
Dibromomethane	N.D.	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Dichlorodifluoromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Dichloromethane	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Epichlorohydrin	N.D.	N.D.	U	µg/L	30.0	75.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Ethylbenzene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Hexachlorobutadiene	N.D.	N.D.	U	µg/L	1.4	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Iodomethane	N.D.	N.D.	U	µg/L	8.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Isopropylbenzene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Naphthalene	N.D.	N.D.	U	µg/L	2.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Styrene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Tetrachloroethene	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Tetrahydrofuran	N.D.	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS



QUALITY CONTROL SUMMARY



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Toluene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Toluene-d8-SURR	20.0	20.3	--	µg/L	N/A	N/A	20.0	101	77	122	N/A	N/A	08/24/16	06:04	SEDS
Trichloroethene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Trichlorofluoromethane	N.D	N.D.	U	µg/L	1.5	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Vinyl Acetate	N.D	N.D.	U	µg/L	6.0	15.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
Vinyl chloride	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
n-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
n-Propylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
o-Dichlorobenzene	N.D	N.D.	U	µg/L	1.0	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
o-Xylene	N.D	N.D.	U	µg/L	2.3	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
sec-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
tert-Butylbenzene	N.D	N.D.	U	µg/L	1.2	3.0	N/A	N/A	N/A	N/A	N/A	20	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS
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	08/24/16	06:04	SEDS

2569463 - MS

Reference Sample Number is: 2567948

2569463 - MS								Accuracy			Precision				
Reference Sample Number is: 2567948											Acceptance Criteria		Analysis		
Analyte Name	Reference Result	QC Result	DQ	Units	MDL	MRL	A/A	Rec. %	Low Limit	High Limit	RPD	High Limit	Date	Time	By
1,1,1-Trichloroethane	N.D	27.1	Q	µg/L	1.2	3.0	20.0	136	69	140	N/A	N/A	08/24/16	06:30	SEDS
1,1,2-Trichloroethane	N.D	23.6	Q	µg/L	1.2	3.0	20.0	118	78	125	N/A	N/A	08/24/16	06:30	SEDS
1,1-Dichloroethene	N.D	23.0	Q	µg/L	1.2	3.0	20.0	115	44	155	N/A	N/A	08/24/16	06:30	SEDS
1,2-Dichloroethane	N.D	25.0	Q	µg/L	1.2	3.0	20.0	125	60	139	N/A	N/A	08/24/16	06:30	SEDS
4-Bromofluorobenzene-SURR	14.0	17.8	--	µg/L	N/A	N/A	20.0	89.1	71	125	N/A	N/A	08/24/16	06:30	SEDS
Dibromofluoromethane-SURR	27.0	25.9	Q	µg/L	N/A	N/A	20.0	129	76	123	N/A	N/A	08/24/16	06:30	SEDS
Tetrachloroethene	N.D	17.6	Q	µg/L	1.2	3.0	20.0	88.0	64	138	N/A	N/A	08/24/16	06:30	SEDS
Toluene-d8-SURR	19.8	19.3	--	µg/L	N/A	N/A	20.0	96.4	77	122	N/A	N/A	08/24/16	06:30	SEDS



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
TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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Trichloroethene	N.D	24.0	Q	µg/L	1.2	3.0	20.0	120	76	126	N/A	N/A	08/24/16	06:30	SEDS
Vinyl chloride	N.D	27.8	Q	µg/L	1.2	3.0	20.0	139	39	151	N/A	N/A	08/24/16	06:30	SEDS
cis-1,2-Dichloroethene	N.D	26.1	Q	µg/L	1.2	3.0	20.0	131	66	127	N/A	N/A	08/24/16	06:30	SEDS
trans-1,2-Dichloroethene	N.D	25.6	Q	µg/L	1.2	3.0	20.0	128	56	146	N/A	N/A	08/24/16	06:30	SEDS

2569461 - LFB

Reference Sample Number is: 2568356

Reference Sample Number 137-12000000									Acceptance Criteria			Acceptance Criteria	Analysis		
Analyte Name	Result	QC 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	23.5	Q	µg/L	1.2	3.0	20.0	118	67	126	N/A	N/A	08/24/16	06:55	SEDS
1,1,1-Trichloroethane	N.D	23.6	Q	µg/L	1.2	3.0	20.0	118	64	139	N/A	N/A	08/24/16	06:55	SEDS
1,1,2,2-Tetrachloroethane	N.D	21.3	Q	µg/L	1.2	3.0	20.0	107	60	131	N/A	N/A	08/24/16	06:55	SEDS
1,1,2-Trichloroethane	N.D	22.1	Q	µg/L	1.2	3.0	20.0	111	70	129	N/A	N/A	08/24/16	06:55	SEDS
1,1-Dichloroethane	N.D	25.9	Q	µg/L	2.0	3.0	20.0	130	63	133	N/A	N/A	08/24/16	06:55	SEDS
1,1-Dichloroethene	N.D	21.5	Q	µg/L	1.2	3.0	20.0	108	55	139	N/A	N/A	08/24/16	06:55	SEDS
1,1-Dichloropropene	N.D	21.1	Q	µg/L	1.4	3.0	20.0	106	67	131	N/A	N/A	08/24/16	06:55	SEDS
1,2,3-Trichlorobenzene	N.D	15.0	Q	µg/L	1.2	3.0	20.0	75.0	68	131	N/A	N/A	08/24/16	06:55	SEDS
1,2,3-Trichloropropane	N.D	22.8	Q	µg/L	1.2	3.0	20.0	114	52	131	N/A	N/A	08/24/16	06:55	SEDS
1,2,4-Trichlorobenzene	N.D	15.2	Q	µg/L	1.2	3.0	20.0	76.0	51	132	N/A	N/A	08/24/16	06:55	SEDS
1,2,4-Trimethylbenzene	N.D	18.6	Q	µg/L	1.2	3.0	20.0	93.0	63	129	N/A	N/A	08/24/16	06:55	SEDS
1,2-Dibromo-3-chloropropane	N.D	13.4	Q	µg/L	1.2	3.0	20.0	67.0	66	139	N/A	N/A	08/24/16	06:55	SEDS
1,2-Dibromoethane	N.D	21.6	Q	µg/L	1.2	3.0	20.0	108	76	126	N/A	N/A	08/24/16	06:55	SEDS
1,2-Dichloroethane	N.D	25.3	Q	µg/L	1.2	3.0	20.0	127	60	136	N/A	N/A	08/24/16	06:55	SEDS
1,2-Dichloropropane	N.D	21.9	Q	µg/L	2.0	3.0	20.0	110	70	124	N/A	N/A	08/24/16	06:55	SEDS
1,3,5-Trimethylbenzene	N.D	19.2	Q	µg/L	1.2	3.0	20.0	96.0	68	123	N/A	N/A	08/24/16	06:55	SEDS
1,3-Dichlorobenzene	N.D	18.9	Q	µg/L	1.2	3.0	20.0	94.5	62	127	N/A	N/A	08/24/16	06:55	SEDS
1,3-Dichloropropane	N.D	20.9	Q	µg/L	1.2	3.0	20.0	105	74	124	N/A	N/A	08/24/16	06:55	SEDS
1,4-Dichlorobenzene	N.D	19.8	Q	µg/L	1.2	3.0	20.0	99.0	73	123	N/A	N/A	08/24/16	06:55	SEDS
1-Chlorohexane	N.D	19.7	Q	µg/L	1.5	3.0	20.0	98.5	56	139	N/A	N/A	08/24/16	06:55	SEDS
2,2-Dichloropropane	N.D	11.0	Q	µg/L	1.2	3.0	20.0	55.0	37	148	N/A	N/A	08/24/16	06:55	SEDS
2-Butanone	N.D	79.5	Q	µg/L	6.0	15.0	100	79.5	57	136	N/A	N/A	08/24/16	06:55	SEDS



The results presented herein meet all NELAC requirements.
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ENVIRONMENTAL QUALITY LABORATORIES, INC. P.O. BOX 11458, SAN JUAN, P.R. 00910-1458
TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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2-Chloroethyl vinyl ether	N.D	86.6	Q	µg/L	6.0	15.0	100	86.6	47	143	N/A	N/A	08/24/16	06:55	SEDS
2-Chlorotoluene	N.D	18.5	Q	µg/L	1.4	3.0	20.0	92.5	66	127	N/A	N/A	08/24/16	06:55	SEDS
2-Hexanone	N.D	92.5	Q	µg/L	6.0	15.0	100	92.5	62	136	N/A	N/A	08/24/16	06:55	SEDS
4-Bromofluorobenzene-SURR	13.9	18.7	--	µg/L	N/A	N/A	20.0	93.5	79	121	N/A	N/A	08/24/16	06:55	SEDS
4-Chlorotoluene	N.D	17.5	Q	µg/L	1.2	3.0	20.0	87.5	63	125	N/A	N/A	08/24/16	06:55	SEDS
4-Isopropyltoluene	N.D	17.6	--	µg/L	1.4	3.0	20.0	88.0	68	131	N/A	N/A	08/24/16	06:55	SEDS
4-Methyl-2-pentanone	N.D	103.7	Q	µg/L	6.0	15.0	100	104	62	135	N/A	N/A	08/24/16	06:55	SEDS
Acetone	N.D	127.3	--	µg/L	6.0	15.0	100	127	46	142	N/A	N/A	08/24/16	06:55	SEDS
Acrolein	N.D	590.0	Q	µg/L	25.0	75.0	500	118	40	153	N/A	N/A	08/24/16	06:55	SEDS
Acrylonitrile	N.D	78.9	Q	µg/L	6.0	15.0	100	78.9	53	141	N/A	N/A	08/24/16	06:55	SEDS
Benzene	N.D	22.7	Q	µg/L	1.2	3.0	20.0	114	66	131	N/A	N/A	08/24/16	06:55	SEDS
Bromobenzene	N.D	20.2	Q	µg/L	1.2	3.0	20.0	101	61	126	N/A	N/A	08/24/16	06:55	SEDS
Bromochloromethane	N.D	18.5	Q	µg/L	1.2	3.0	20.0	92.5	60	133	N/A	N/A	08/24/16	06:55	SEDS
Bromodichloromethane	N.D	24.1	Q	µg/L	1.2	3.0	20.0	121	72	129	N/A	N/A	08/24/16	06:55	SEDS
Bromoform	N.D	21.1	Q	µg/L	1.2	3.0	20.0	106	61	130	N/A	N/A	08/24/16	06:55	SEDS
Bromomethane	N.D	29.2	--	µg/L	2.0	3.0	20.0	146	47	151	N/A	N/A	08/24/16	06:55	SEDS
Carbon disulfide	N.D	131.6	--	µg/L	7.0	15.0	100	132	58	140	N/A	N/A	08/24/16	06:55	SEDS
Carbon tetrachloride	N.D	26.0	Q	µg/L	1.2	3.0	20.0	130	69	134	N/A	N/A	08/24/16	06:55	SEDS
Chlorobenzene	119.8	21.4	Q	µg/L	1.2	3.0	20.0	107	67	122	N/A	N/A	08/24/16	06:55	SEDS
Chloroethane	N.D	25.3	Q	µg/L	1.2	3.0	20.0	127	47	144	N/A	N/A	08/24/16	06:55	SEDS
Chloroform	1.8	23.7	Q	µg/L	1.2	3.0	20.0	119	61	134	N/A	N/A	08/24/16	06:55	SEDS
Chloromethane	N.D	28.3	Q	µg/L	1.2	3.0	20.0	142	43	142	N/A	N/A	08/24/16	06:55	SEDS
Dibromochloromethane	N.D	22.7	Q	µg/L	1.2	3.0	20.0	114	69	134	N/A	N/A	08/24/16	06:55	SEDS
Dibromofluoromethane-SURR	23.8	24.3	Q	µg/L	N/A	N/A	20.0	121	83	120	N/A	N/A	08/24/16	06:55	SEDS
Dibromomethane	N.D	21.1	Q	µg/L	1.5	3.0	20.0	106	76	131	N/A	N/A	08/24/16	06:55	SEDS
Dichlorodifluoromethane	N.D	25.1	Q	µg/L	1.2	3.0	20.0	126	49	145	N/A	N/A	08/24/16	06:55	SEDS
Dichloromethane	N.D	24.5	--	µg/L	1.2	3.0	20.0	123	62	129	N/A	N/A	08/24/16	06:55	SEDS
Epichlorohydrin	N.D	424.2	Q	µg/L	30.0	75.0	500	84.8	52	134	N/A	N/A	08/24/16	06:55	SEDS
Ethylbenzene	N.D	19.0	Q	µg/L	1.2	3.0	20.0	95.0	69	131	N/A	N/A	08/24/16	06:55	SEDS
Hexachlorobutadiene	N.D	18.6	Q	µg/L	1.4	3.0	20.0	93.0	51	139	N/A	N/A	08/24/16	06:55	SEDS
Iodomethane	N.D	132.7	--	µg/L	8.0	15.0	100	133	54	143	N/A	N/A	08/24/16	06:55	SEDS



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

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TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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Isopropylbenzene	N.D	15.0	Q	µg/L	2.0	3.0	20.0	75.0	69	121	N/A	N/A	08/24/16	06:55	SEDS
Naphthalene	N.D	14.2	--	µg/L	2.0	3.0	20.0	71.0	71	134	N/A	N/A	08/24/16	06:55	SEDS
Styrene	N.D	15.1	Q	µg/L	1.2	3.0	20.0	75.5	65	127	N/A	N/A	08/24/16	06:55	SEDS
Tetrachloroethene	N.D	16.7	Q	µg/L	1.2	3.0	20.0	83.5	62	135	N/A	N/A	08/24/16	06:55	SEDS
Tetrahydrofuran	N.D	19.3	Q	µg/L	1.2	3.0	20.0	96.5	67	134	N/A	N/A	08/24/16	06:55	SEDS
Toluene	N.D	21.3	Q	µg/L	1.2	3.0	20.0	107	59	143	N/A	N/A	08/24/16	06:55	SEDS
Toluene-d8-SURR	19.8	19.6	--	µg/L	N/A	N/A	20.0	98.2	80	116	N/A	N/A	08/24/16	06:55	SEDS
Trichloroethene	N.D	21.9	Q	µg/L	1.2	3.0	20.0	110	67	138	N/A	N/A	08/24/16	06:55	SEDS
Trichlorofluoromethane	N.D	21.3	Q	µg/L	1.5	3.0	20.0	107	45	157	N/A	N/A	08/24/16	06:55	SEDS
Vinyl Acetate	N.D	113.9	Q	µg/L	6.0	15.0	100	114	53	144	N/A	N/A	08/24/16	06:55	SEDS
Vinyl chloride	N.D	26.1	--	µg/L	1.2	3.0	20.0	131	52	140	N/A	N/A	08/24/16	06:55	SEDS
cis-1,2-Dichloroethene	N.D	21.0	Q	µg/L	1.2	3.0	20.0	105	71	128	N/A	N/A	08/24/16	06:55	SEDS
cis-1,3-Dichloropropene	N.D	16.4	Q	µg/L	1.2	3.0	20.0	82.0	63	125	N/A	N/A	08/24/16	06:55	SEDS
m,p-Xylene	N.D	36.0	Q	µg/L	1.8	6.0	40.0	90.0	63	130	N/A	N/A	08/24/16	06:55	SEDS
n-Butylbenzene	N.D	16.8	Q	µg/L	1.2	3.0	20.0	84.0	67	127	N/A	N/A	08/24/16	06:55	SEDS
n-Propylbenzene	N.D	17.3	Q	µg/L	1.2	3.0	20.0	86.5	64	124	N/A	N/A	08/24/16	06:55	SEDS
o-Dichlorobenzene	N.D	19.9	Q	µg/L	1.0	3.0	20.0	99.5	75	121	N/A	N/A	08/24/16	06:55	SEDS
o-Xylene	N.D	13.7	Q	µg/L	2.3	3.0	20.0	68.5	66	124	N/A	N/A	08/24/16	06:55	SEDS
sec-Butylbenzene	N.D	17.8	Q	µg/L	1.2	3.0	20.0	89.0	66	122	N/A	N/A	08/24/16	06:55	SEDS
tert-Butylbenzene	N.D	18.2	Q	µg/L	1.2	3.0	20.0	91.0	65	126	N/A	N/A	08/24/16	06:55	SEDS
trans-1,2-Dichloroethene	N.D	24.5	Q	µg/L	1.2	3.0	20.0	123	66	129	N/A	N/A	08/24/16	06:55	SEDS
trans-1,3-Dichloropropene	N.D	18.6	Q	µg/L	1.2	3.0	20.0	93.0	60	131	N/A	N/A	08/24/16	06:55	SEDS
trans-1,4-Dichloro-2-butene	N.D	85.3	Q	µg/L	6.0	15.0	100	85.3	53	123	N/A	N/A	08/24/16	06:55	SEDS

2569462 - LFBD

Reference Sample Number is: 2568356

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	23.2	Q	µg/L	1.2	3.0	20.0	116	67	126	1.29	20	08/24/16	07:21	SEDS
1,1,1-Trichloroethane	N.D	23.6	Q	µg/L	1.2	3.0	20.0	118	64	139	0.00	20	08/24/16	07:21	SEDS
1,1,2,2-Tetrachloroethane	N.D	21.5	Q	µg/L	1.2	3.0	20.0	108	60	131	0.935	20	08/24/16	07:21	SEDS



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ENVIRONMENTAL QUALITY LABORATORIES, INC. P.O. BOX 11458, SAN JUAN, P.R. 00910-1458
TELS. (787) 288-6420, FAX (787) 288-6465, email: info@eqlab.com

QUALITY CONTROL SUMMARY



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1,1,2-Trichloroethane	N.D	20.9	Q	µg/L	1.2	3.0	20.0	105	70	129	5.58	20	08/24/16	07:21	SEDS
1,1-Dichloroethane	N.D	25.5	--	µg/L	2.0	3.0	20.0	128	63	133	1.56	20	08/24/16	07:21	SEDS
1,1-Dichloroethene	N.D	21.1	--	µg/L	1.2	3.0	20.0	106	55	139	1.88	20	08/24/16	07:21	SEDS
1,1-Dichloropropene	N.D	20.8	Q	µg/L	1.4	3.0	20.0	104	67	131	1.43	20	08/24/16	07:21	SEDS
1,2,3-Trichlorobenzene	N.D	16.4	Q	µg/L	1.2	3.0	20.0	82.0	68	131	8.92	20	08/24/16	07:21	SEDS
1,2,3-Trichloropropane	N.D	23.6	Q	µg/L	1.2	3.0	20.0	118	52	131	3.45	20	08/24/16	07:21	SEDS
1,2,4-Trichlorobenzene	N.D	16.5	Q	µg/L	1.2	3.0	20.0	82.5	51	132	8.20	20	08/24/16	07:21	SEDS
1,2,4-Trimethylbenzene	N.D	18.9	Q	µg/L	1.2	3.0	20.0	94.5	63	129	1.60	20	08/24/16	07:21	SEDS
1,2-Dibromo-3-chloropropane	N.D	15.4	Q	µg/L	1.2	3.0	20.0	77.0	66	139	13.9	20	08/24/16	07:21	SEDS
1,2-Dibromoethane	N.D	20.8	Q	µg/L	1.2	3.0	20.0	104	76	126	3.77	20	08/24/16	07:21	SEDS
1,2-Dichloroethane	N.D	25.3	Q	µg/L	1.2	3.0	20.0	127	60	136	0.00	20	08/24/16	07:21	SEDS
1,2-Dichloropropane	N.D	21.5	Q	µg/L	2.0	3.0	20.0	108	70	124	1.84	20	08/24/16	07:21	SEDS
1,3,5-Trimethylbenzene	N.D	19.5	Q	µg/L	1.2	3.0	20.0	97.5	68	123	1.55	20	08/24/16	07:21	SEDS
1,3-Dichlorobenzene	N.D	18.8	Q	µg/L	1.2	3.0	20.0	94.0	62	127	0.531	20	08/24/16	07:21	SEDS
1,3-Dichloropropane	N.D	20.5	Q	µg/L	1.2	3.0	20.0	103	74	124	1.93	20	08/24/16	07:21	SEDS
1,4-Dichlorobenzene	N.D	20.8	Q	µg/L	1.2	3.0	20.0	104	73	123	4.93	20	08/24/16	07:21	SEDS
1-Chlorohexane	N.D	20.7	Q	µg/L	1.5	3.0	20.0	104	56	139	4.95	20	08/24/16	07:21	SEDS
2,2-Dichloropropane	N.D	11.0	Q	µg/L	1.2	3.0	20.0	55.0	37	148	N.C.	20	08/24/16	07:21	SEDS
2-Butanone	N.D	78.3	Q	µg/L	6.0	15.0	100	78.3	57	136	1.52	20	08/24/16	07:21	SEDS
2-Chloroethyl vinyl ether	N.D	82.6	Q	µg/L	6.0	15.0	100	82.6	47	143	4.73	20	08/24/16	07:21	SEDS
2-Chlorotoluene	N.D	18.5	Q	µg/L	1.4	3.0	20.0	92.5	66	127	0.00	20	08/24/16	07:21	SEDS
2-Hexanone	N.D	89.0	Q	µg/L	6.0	15.0	100	89.0	62	136	3.86	20	08/24/16	07:21	SEDS
4-Bromofluorobenzene-SURR	13.9	18.9	--	µg/L	N/A	N/A	20.0	94.3	79	121	N/A	N/A	08/24/16	07:21	SEDS
4-Chlorotoluene	N.D	17.1	Q	µg/L	1.2	3.0	20.0	85.5	63	125	2.31	20	08/24/16	07:21	SEDS
4-Isopropyltoluene	N.D	18.9	--	µg/L	1.4	3.0	20.0	94.5	68	131	7.12	20	08/24/16	07:21	SEDS
4-Methyl-2-pentanone	N.D	101.1	Q	µg/L	6.0	15.0	100	101	62	135	2.54	20	08/24/16	07:21	SEDS
Acetone	N.D	134.9	--	µg/L	6.0	15.0	100	135	46	142	5.80	20	08/24/16	07:21	SEDS
Acrolein	N.D	579.0	Q	µg/L	25.0	75.0	500	116	40	153	1.88	20	08/24/16	07:21	SEDS
Acrylonitrile	N.D	82.3	--	µg/L	6.0	15.0	100	82.3	53	141	4.22	20	08/24/16	07:21	SEDS
Benzene	N.D	22.2	Q	µg/L	1.2	3.0	20.0	111	66	131	2.23	20	08/24/16	07:21	SEDS
Bromobenzene	N.D	20.1	Q	µg/L	1.2	3.0	20.0	101	61	126	0.496	20	08/24/16	07:21	SEDS



QUALITY CONTROL SUMMARY



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Bromochloromethane	N.D	18.4	Q	µg/L	1.2	3.0	20.0	92.0	60	133	0.542	20	08/24/16	07:21	SEDS
Bromodichloromethane	N.D	23.5	Q	µg/L	1.2	3.0	20.0	118	72	129	2.52	20	08/24/16	07:21	SEDS
Bromoform	N.D	21.5	Q	µg/L	1.2	3.0	20.0	108	61	130	1.88	20	08/24/16	07:21	SEDS
Bromomethane	N.D	29.0	Q	µg/L	2.0	3.0	20.0	145	47	151	4.71	20	08/24/16	07:21	SEDS
Carbon disulfide	N.D	126.1	--	µg/L	7.0	15.0	100	126	58	140	4.27	20	08/24/16	07:21	SEDS
Carbon tetrachloride	N.D	25.5	Q	µg/L	1.2	3.0	20.0	128	69	134	1.94	20	08/24/16	07:21	SEDS
Chlorobenzene	119.8	21.5	Q	µg/L	1.2	3.0	20.0	108	67	122	0.466	20	08/24/16	07:21	SEDS
Chloroethane	N.D	24.7	Q	µg/L	1.2	3.0	20.0	124	47	144	2.40	20	08/24/16	07:21	SEDS
Chloroform	1.8	23.1	Q	µg/L	1.2	3.0	20.0	116	61	134	2.56	20	08/24/16	07:21	SEDS
Chloromethane	N.D	28.7	Q	µg/L	1.2	3.0	20.0	144	43	142	1.40	20	08/24/16	07:21	SEDS
Dibromochloromethane	N.D	22.0	Q	µg/L	1.2	3.0	20.0	110	69	134	3.13	20	08/24/16	07:21	SEDS
Dibromofluoromethane-SURR	23.8	24.7	Q	µg/L	N/A	N/A	20.0	124	83	120	N/A	N/A	08/24/16	07:21	SEDS
Dibromomethane	N.D	20.8	Q	µg/L	1.5	3.0	20.0	104	76	131	1.43	20	08/24/16	07:21	SEDS
Dichlorodifluoromethane	N.D	25.4	Q	µg/L	1.2	3.0	20.0	127	49	145	1.19	20	08/24/16	07:21	SEDS
Dichloromethane	N.D	25.8	Q	µg/L	1.2	3.0	20.0	129	62	129	5.28	20	08/24/16	07:21	SEDS
Epichlorohydrin	N.D	403.7	Q	µg/L	30.0	75.0	500	80.7	52	134	4.95	20	08/24/16	07:21	SEDS
Ethylbenzene	N.D	19.1	Q	µg/L	1.2	3.0	20.0	95.5	69	131	0.525	20	08/24/16	07:21	SEDS
Hexachlorobutadiene	N.D	20.7	Q	µg/L	1.4	3.0	20.0	104	51	139	10.7	20	08/24/16	07:21	SEDS
Iodomethane	N.D	136.9	--	µg/L	8.0	15.0	100	137	54	143	3.12	20	08/24/16	07:21	SEDS
Isopropylbenzene	N.D	15.5	Q	µg/L	2.0	3.0	20.0	77.5	69	121	N.C.	20	08/24/16	07:21	SEDS
Naphthalene	N.D	14.6	Q	µg/L	2.0	3.0	20.0	73.0	71	134	N.C.	20	08/24/16	07:21	SEDS
Styrene	N.D	15.7	Q	µg/L	1.2	3.0	20.0	78.5	65	127	3.90	20	08/24/16	07:21	SEDS
Tetrachloroethene	N.D	15.9	Q	µg/L	1.2	3.0	20.0	79.5	62	135	4.91	20	08/24/16	07:21	SEDS
Tetrahydrofuran	N.D	20.0	Q	µg/L	1.2	3.0	20.0	100	67	134	3.56	20	08/24/16	07:21	SEDS
Toluene	N.D	20.3	Q	µg/L	1.2	3.0	20.0	102	59	143	4.81	20	08/24/16	07:21	SEDS
Toluene-d8-SURR	19.8	19.3	--	µg/L	N/A	N/A	20.0	96.3	80	116	N/A	N/A	08/24/16	07:21	SEDS
Trichloroethene	N.D	21.3	Q	µg/L	1.2	3.0	20.0	107	67	138	2.78	20	08/24/16	07:21	SEDS
Trichlorofluoromethane	N.D	20.9	--	µg/L	1.5	3.0	20.0	105	45	157	1.90	20	08/24/16	07:21	SEDS
Vinyl Acetate	N.D	106.6	Q	µg/L	6.0	15.0	100	107	53	144	6.62	20	08/24/16	07:21	SEDS
Vinyl chloride	N.D	26.7	--	µg/L	1.2	3.0	20.0	134	52	140	2.27	20	08/24/16	07:21	SEDS
cis-1,2-Dichloroethene	N.D	21.7	Q	µg/L	1.2	3.0	20.0	109	71	128	3.28	20	08/24/16	07:21	SEDS



QUALITY CONTROL SUMMARY



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cis-1,3-Dichloropropene	N.D	15.7	Q	µg/L	1.2	3.0	20.0	78.5	63	125	4.36	20	08/24/16	07:21	SEDS
m,p-Xylene	N.D	36.1	Q	µg/L	1.8	6.0	40.0	90.3	63	130	0.277	20	08/24/16	07:21	SEDS
n-Butylbenzene	N.D	18.7	Q	µg/L	1.2	3.0	20.0	93.5	67	127	10.7	20	08/24/16	07:21	SEDS
n-Propylbenzene	N.D	17.2	Q	µg/L	1.2	3.0	20.0	86.0	64	124	0.580	20	08/24/16	07:21	SEDS
o-Dichlorobenzene	N.D	21.4	Q	µg/L	1.0	3.0	20.0	107	75	121	7.26	20	08/24/16	07:21	SEDS
o-Xylene	N.D	14.2	Q	µg/L	2.3	3.0	20.0	71.0	66	124	N.C.	20	08/24/16	07:21	SEDS
sec-Butylbenzene	N.D	17.9	Q	µg/L	1.2	3.0	20.0	89.5	66	122	0.560	20	08/24/16	07:21	SEDS
tert-Butylbenzene	N.D	18.3	Q	µg/L	1.2	3.0	20.0	91.5	65	126	0.548	20	08/24/16	07:21	SEDS
trans-1,2-Dichloroethene	N.D	24.1	Q	µg/L	1.2	3.0	20.0	121	66	129	1.65	20	08/24/16	07:21	SEDS
trans-1,3-Dichloropropene	N.D	18.1	Q	µg/L	1.2	3.0	20.0	90.5	60	131	2.73	20	08/24/16	07:21	SEDS
trans-1,4-Dichloro-2-butene	N.D	86.6	Q	µg/L	6.0	15.0	100	86.6	53	123	1.51	20	08/24/16	07:21	SEDS



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

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: ERTCC CLIENT ID: 567-01 W.O. #: 82 SITE: BARCELONETA, PR CLIENT REP: MRS. WANDA I. MORALES
 P.O. #: 11767 PWSID #: FOLDER #: 221475 PROJECT: PFIZER BARCELONETA EQLAB REP: EGARCIA

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2539049-1 MATRIX: DI WATER SOURCE: FB 081616, BARCELONETA, PR	DATE: 08/16/16	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40			EPA 8260B VOC
	TIME: 15:00	PRESERVATIVE: HCl pH<2, Cool 4 °C					
	TYPE: Grab						
SAMPLE #: 2539050-1 MATRIX: DI WATER SOURCE: FB 081716, BARCELONETA, PR	DATE: 08/17/16	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40			EPA 8260B VOC
	TIME: 15:06	PRESERVATIVE: HCl pH<2, Cool 4 °C					
	TYPE: Grab						
SAMPLE #: 2539051-1 MATRIX: GROUND WATER SOURCE: MW-5, BARCELONETA, PR	DATE: 08/16/16	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40			EPA 8260B VOC
	TIME: 14:55	PRESERVATIVE: HCl pH<2, Cool 4 °C					
	TYPE: Grab						
SAMPLE #: 2539052-1 MATRIX: GROUND WATER SOURCE: MW-3, BARCELONETA, PR	DATE: 08/17/16	TYPE: VIAL/TC	COLOR: CLEAR	VOLUME: 40			EPA 8260B VOC
	TIME: 11:43	PRESERVATIVE: HCl pH<2, Cool 4 °C					
	TYPE: Grab						
CUSTODY RECORD	SIGNATURE		DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS: Some samples were collected on 08/16/16 preserved on ice and secure until delivery @ EQ Lab on 08/17/16 - RJB.		
Collected in field by:	Robert De Jesus		08/16/16	1645			
Fixed in field by:	Robert De Jesus		08/17/16	1645			
Authorized by:	N/A		N/A	N/A			
Received by EQLF:	N/A		N/A	N/A			
Released to EQLL by:	Robert De Jesus		08/17/16	1645			
Received by EQLL:	Sup. (Signature)		08/17/16	1645			

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

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

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SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2539053-1	DATE: 08/17/16	TYPE VIAL/TC	COLOR CLEAR	VOLUME 40			EPA 8260B VOC
MATRIX: GROUND WATER	TIME: 15:00						
SOURCE: MW-6, BARCELONETA, PR	TYPE: Grab	PRESERVATIVE HCl pH<2, Cool 4 °C					
SAMPLE #: 2539055-1	DATE: 08/16/16	TYPE VIAL/TC	COLOR CLEAR	VOLUME 40			EPA 8260B VOC
MATRIX: DI WATER	TIME: 11:00						
SOURCE: TB 081616, BARCELONETA, PR	TYPE: Grab	PRESERVATIVE HCl pH<2, Cool 4 °C					
SAMPLE #: 2539056-1	DATE: 08/17/16	TYPE VIAL/TC	COLOR CLEAR	VOLUME 40			EPA 8260B VOC
MATRIX: DI WATER	TIME: 10:10						
SOURCE: TB 081716, BARCELONETA, PR	TYPE: Grab	PRESERVATIVE HCl pH<2, Cool 4 °C					
SAMPLE #:	DATE:	TYPE	COLOR	VOLUME			
MATRIX:	TIME:						
SOURCE:	TYPE:	PRESERVATIVE					

CUSTODY RECORD	SIGNATURE	DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS:
Collected in field by:	X Roberto de Jesus	08/16/16	UNILAS	Some samples were collected on 08/16/16 preserved on ice and secure until delivery @ EQ Lab on 08/17/16 - RJB
Fixed in field by:	X Roberto de Jesus	08/17/16		
Authorized by:	N/A	N/A		
Received by EQLF:				
Released to EQLL by:	X Roberto de Jesus	08/17/16	1645	
Received by EQLL:	Roberto de Jesus	08/17/16	1645	

Arrival Temperature: 2.0°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

2016-07717

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

CLIENT NAME: ERTEC CLIENT ID: 367-01 W.O. #: 82 SITE: BARCELONETA, PR CLIENT REP: MRS. WANDA I. MORALES
P.O. #: 11767 PWSID #: FOLDER #: 224203 PROJECT: PFIZER BARCELONETA EQLAB REP: EGARCIA

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2568353-1 MATRIX: DI WATER SOURCE: FB 081816, BARCELONETA, PR	DATE: 08/18/16	TYPE: VIAL/TC COLOR: CLEAR VOLUME: 40 PRESERVATIVE: HCl pH<2, Cool 4 °C				EPA 8260B VOC	
	TIME: 16:15						
	TYPE: Grab						
SAMPLE #: 2568354-1 MATRIX: GROUND WATER SOURCE: MW-2, BARCELONETA, PR	DATE: 08/18/16	TYPE: VIAL/TC COLOR: CLEAR VOLUME: 40 PRESERVATIVE: HCl pH<2, Cool 4 °C				EPA 8260B VOC	
	TIME: 12:30						
	TYPE: Grab						
SAMPLE #: 2568355-1 MATRIX: DI WATER SOURCE: TB 081816, BARCELONETA, PR	DATE: 08/18/16	TYPE: VIAL/TC COLOR: CLEAR VOLUME: 40 PRESERVATIVE: HCl pH<2, Cool 4 °C				EPA 8260B VOC	
	TIME: 10:35						
	TYPE: Grab						
SAMPLE #: 2568356-1 MATRIX: GROUND WATER SOURCE: MW-1, BARCELONETA, PR	DATE: 08/18/16	TYPE: VIAL/TC COLOR: CLEAR VOLUME: 40 PRESERVATIVE: HCl pH<2, Cool 4 °C				EPA 8260B VOC	
	TIME: 16:05						
	TYPE: Grab						
CUSTODY RECORD	SIGNATURE	DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS:			
Collected in field by:	X Roberto de Jesus	08/18/16					
Fixed in field by:	X Roberto de Jesus	08/18/16					
Authorized by:	N/A	N/A					
Received by EQLF:	N/A	N/A					
Released to EQLL by:	X Roberto de Jesus	08/19/16	0930				
Received by EQLL:	Grego Claxo	08/19/16	0930				

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

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

SAMPLE DELIVERY SLIP & CHAIN OF CUSTODY

2016-07717

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

CLIENT NAME:	ERTEC	CLIENT ID:	567-01	W.O. #:	82	SITE:	BARCELONETA, PR	CLIENT REP:	MRS. WANDA I. MORALES
P.O. #:	11767	PWSID #:		FOLDER #:	224205	PROJECT:	PFIZER BARCELONETA	EQLAB REP:	EGARCIA

SAMPLE INFORMATION		CONTAINER INFORMATION		FIELD TESTING		ANALYSIS REQUESTED	
SAMPLE #: 2568358-1 MATRIX: GROUND WATER SOURCE: MW-A, BARCELONETA, PR	DATE: 08/18/16	TYPE VIAL/TC	COLOR CLEAR	VOLUME 40		EPA 8260B VOC	
	TIME: 16:07						
	TYPE: Grab						
SAMPLE #: 2568374-1 MATRIX: GROUND WATER SOURCE: DS-1, BARCELONETA, PR	DATE: 08/18/16	TYPE P/PC	COLOR N/A	VOLUME 875		Corrosivity pH, Ignitability, Releasable Cyanide, Releasable Sulfide	
	TIME: 16:20						
	TYPE: Grab						
SAMPLE #: 2568374-2 MATRIX: GROUND WATER SOURCE: DS-1, BARCELONETA, PR	DATE: 08/18/16	TYPE VIAL/TC	COLOR CLEAR	VOLUME 40		TCLP VOC EPA 8260B	
	TIME: 16:20						
	TYPE: Grab						
SAMPLE #: MATRIX: SOURCE:	DATE:	TYPE	COLOR	VOLUME			
	TIME:						
	TYPE:						
CUSTODY RECORD		SIGNATURE		DATE	TIME	SPECIAL INSTRUCTIONS / COMMENTS:	
Collected in field by:	X Roberto de Jesus		08/18/16	0930			
Fixed in field by:	X Roberto de Jesus		08/18/16	0930			
Authorized by:	N/A		N/A	N/A			
Received by EQLF:	N/A		N/A	N/A			
Released to EQLL by:	X Roberto de Jesus		08/19/16	0930			
Received by EQLL:	X Roberto de Jesus		08/19/16	0930			

*EQLF = Eqlab's Field Personnel.

*EQLL = Eqlab's Log-in Personnel.

Arrival Temperature: 2.0C 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: 181519

- ☒ 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 P.
☐	☒	i. DFTPP
☐	☒	j. Other: <u>N/A</u>

- ☒ 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: 08/30/16

Checked by: [Signature]
Laboratory Group Leader

Date: 08/30/16

Approved by: [Signature]
Supervisor

Date: 08-30-2016

ORGANICS DEPARTMENT

RUN WORKSHEET

General Information

Method Number	Run Number	Sequence Number	Sample prep by	Sample Setup by	Sample Evaluated by	Run Approved by
8260	181519	181517	SDIAZ	SDIAZ	SDIAZ	SDIAZ
VOC			PR55415			

Calibration Curve Reference

Instrument Information

Calib. Curve Name	NBK Reference	MIX Expiration Date	Description/Identification Number
8260VOC-AUGUST2-LIQ-16	NBK072Pg022	N/A	V7-AG7890MS
			PM Expiration Date: Sep-16

Run Controls Information

☒ 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 ppb
N/A	VOC WATER	NBK072Pg022	N/A	N/A	N/A	N/A
5	SIM VOC	NBK062Pg66	11/20/16	20	5	20
10	8260/624 VOC	NBK062Pg54	09/11/16	100	50	20
10	8260/624 GASES	NBK072Pg022	10/12/16	100	50	20

Preparation Controls Information

☐ MB	☒ MDLV	☐ MRL	☒ MS / LFM	☐ MSD / LFMD	☒ LFB	☒ LFBD	N/A
Amount	Solution Name	NBK Reference	Expiration Date	Solution Concentration	Dilution Volume	Analyte Concentration	
0.5	8260/624 VOC	NBK062Pg54	09/11/16	100	50	1	
0.5	8260/624 GASES	NBK072Pg022	10/12/16	100	50	1	
10	8260/624 VOC	NBK062Pg54	09/11/16	100	50	20	
10	8260/624 GASES	NBK072Pg022	10/12/16	100	50	20	

RUN STATUS

☐ Run in Control
 ☐ COMCL
 ☐ OORPD
 ☒ OOS
 ☐ HSDCC

SOP-QC-004 Accepted Exemption:

☐ #1 ☐ #2 ☐ #3 ☐ #4 ☐ #5
☒ #6 ☒ #7 ☐ #8 ☐ #9 ☐ #10
☒ #11 ☐ #12 ☐ #13 ☐ #14

QUALIFIERS

☐ P ☐ L ☐ J ☐ S ☐ B
☐ N ☒ Q

Analysts Comments:

Ver comentario del analista para OOS. Analitos positivos fueron confirmados por iones.

[Signature] 08/30/16

Supervisor Comments: *[Signature]* 08-30-2016

QA/QC Comments:

ENVIRONMENTAL QUALITY LABORATORIES, INC P.O. Box 11458 San Juan, P.R. 00910-1458

Run Worksheet

For: Tuesday, August 23, 2016

Run #: 181519

Template Name: EPA 8260B VOC BY GC/MS

Instrument Used: V6 AG6890MS

Analyst: SDIAZ

Cup#	TYPE	ORDER#	METHOD	QC LINK	MATRIX	TEST NAME	PRE RUN	VOLUME	FINALVOL	WEIGHT
1	LRB	LRB/2569453-1		2568356	GROUND WATER	EPA 8260B VOC	--	--	--	0
2	MDL	MDL/2569455-1		2568356	GROUND WATER	EPA 8260B VOC	--	50	50	N/A
3	ICV	ICV/2569454-1		2568356	GROUND WATER	EPA 8260B VOC	--	--	--	0
6	FIELD BL	FIELD BLK/2539049-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
7	FIELD BL	FIELD BLK/2539050-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
8	TRIP BL	TRIP BLK/2539055-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
9	TRIP BL	TRIP BLK/2539056-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
10	FIELD BL	FIELD BLK/2568353-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
11	EQUIP B	EQUIP BLK/2568582-3			DI WATER	EPA 8260B EXT	PR55415	50	50	N/A
12	FIELD BL	FIELD BLK/2568583-1			DI WATER	EPA 8260B EXT	PR55415	50	50	N/A
13	TRIP BL	TRIP BLK/2568631-1			DI WATER	EPA 8260B EXT	PR55415	50	50	N/A
14	TRIP BL	TRIP BLK/2568355-1			DI WATER	EPA 8260B VOC	PR55415	50	50	N/A
15		2568356-1	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
16	DUP	DUP/2568358-1		2568356	GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
17	LRB	LRB/2569457-1		2568356	GROUND WATER	EPA 8260B VOC	--	--	--	0
18	CCV	CCV/2569458-1		2568356	GROUND WATER	EPA 8260B VOC	--	50	50	N/A
19	TRIP BL	TRIP BLK/2568632-1			DI WATER	EPA 8260B EXT	PR55415	50	50	N/A
20		2568584-1	EPA 8260B		DI WATER	EPA 8260B EXT	PR55415	50	50	N/A
21		2566148-5	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
22		2539053-1	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
23		2539052-1	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
24		2539051-1	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
25		2566149-5	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
26		2566150-5	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
27		2566151-5	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
28		2567948-4	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
29		2568354-1	EPA 8260B		GROUND WATER	EPA 8260B VOC	PR55415	50	50	N/A
30	DUP	DUP/2569459-1		2568354	GROUND WATER	EPA 8260B VOC	--	50	50	N/A

Run Worksheet

For: Tuesday, August 23, 2016

31	MS	MS/2569463-1	2567948	GROUND WATER	EPA 8260B VOC	--	50	50	N/A
32	LFB	LFB/2569461-1	2568356	GROUND WATER	EPA 8260B VOC	--	50	50	N/A
33	LFBD	LFBD/2569462-1	2568356	GROUND WATER	EPA 8260B VOC	--	50	50	N/A

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 55415

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
2539049-1	4	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/16/2016	50	50	N/A	
2539050-1	5	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2539051-1	6	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/16/2016	50	50	N/A	
2539052-1	7	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2539053-1	8	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2539055-1	9	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/16/2016	50	50	N/A	
2539056-1	10	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2562907-1	11	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 55415

TEMPLATE NAME: EPA 8260B VOC BY GC/MS

2562908-1	12	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	
2566148-5	13	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2566149-5	17	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2566150-5	18	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2566151-5	19	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/17/2016	50	50	N/A	
2567948-4	20	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/19/2016	50	50	N/A	
2568353-1	21	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	
2568354-1	22	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 55415

TEMPLATE NAME: EPA 8260B VOC BY GC/MS

2568355-1	23	Done	DI WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	
2568356-1	24	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	
2568358-1/D UP Linked to 2568356	25	Done	GROUND WATER	EPA 5030B	EPA 8260B VOC	8/23/2016	SDIAZ	08:32	8/18/2016	50	50	N/A	
2568582-3	26	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/15/2016	50	50	N/A	
2568583-1	27	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/13/2016	50	50	N/A	
2568584-1	28	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/15/2016	50	50	N/A	
2568631-1	29	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/12/2016	50	50	N/A	
2568632-1	30	Done	DI WATER	EPA 5030B	EPA 8260B EXT	8/23/2016	SDIAZ	08:32	8/13/2016	50	50	N/A	

ENVIRONMENTAL QUALITY LABORATORIES, INC.

PRE-RUN WORKSHEET

PRE RUN # 55415

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

Prepared Sample(s) Transferred by / Date: [Signature] / 08/23/16

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

Comments:

Response Factor Report V7-AG7890MS

Method Path : C:\msdchem\1\METHODS\
 Method File : 8260VOC-AUGUST2-LIQ-16.M
 Title : Analysis of VOC'S by 8260B,624
 Last Update : Wed Aug 24 15:14:53 2016
 Response Via : Initial Calibration

Calibration Files

1 =CC826001.D 2 =CC826002.D 3 =CC826003.D 4 =CC826004.D 5 =CC826005.D 6 =CC826006.D 7 =CC826007.D
 8 =CC826008.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
-----ISTD-----										
1) I IPENTAFLUOROBENZENE										
2) M DICLDFLUOROME...	0.509	0.626	0.584	0.610	0.596	0.444	0.687	0.580	13.80	
3) P,T CHLOROMETHANE		0.845	0.843	0.639	0.507	0.471	0.522	0.638	26.54	
4) C,T VINYL CHLORIDE	0.607	0.630	0.540	0.561	0.567	0.558	0.493	0.565	7.89	
5) T BROMOMETHANE		0.870	0.668	0.722	0.911	0.828	0.628	0.771	14.90	
6) T CHLOROETHANE		0.465	0.489	0.375	0.382	0.426		0.427	11.68	
7) T TRICLFLUOROMET...	2.098	2.147	2.472	2.727	2.346	1.993		2.297	11.88	
8) T ACROLEIN		0.172	0.139	0.191	0.156		0.153	0.162	12.19	
9) T ACETONE		0.444	0.299	0.334	0.256		0.262	0.319	24.05	
10) C,T 11-DICHLOROETHENE		1.163	0.978	1.014	0.850		1.052	1.011	11.24	
11) T IODOMETHANE		0.712		0.965	0.855	0.904	0.771	0.841	12.04	
12) T CARBON DISULFIDE		1.533		2.048	1.704	1.838	1.521	1.729	12.80	
13) T ACRYLONITRILE		0.257		0.383	0.325	0.385	0.301	0.330	16.56	
14) T DICHLOROMETHANE		0.716	0.512	0.563	0.869	0.772	0.816	0.708	20.09	
15) T TRANS12DICLETHENE		0.608	0.442	0.484	0.768	0.692	0.771	0.627	22.50	
16) P,T 11-DICHLOROETHANE		1.178	0.858	1.004	1.535		1.105	1.136	22.30	
17) VINYL ACETATE		1.280		2.177	1.446	1.964	1.841	1.742	21.28	
18) 2-BUTANONE		0.765		0.887	0.611	0.611	0.546	0.684	20.33	
19) T CIS12DICHLOROE...		0.716	0.600	0.948	0.831	0.943		0.808	18.57	
20) T 22-DICHLOROPRO...		2.184	1.580	1.925	2.158		1.675	1.904	14.39	
21) C,T CHLOROFORM			1.712	1.742	1.695	1.715	1.835	2.153	1.809	9.72
22) T BROMOCHLOROMET...		1.088	0.886	1.099	1.246	1.304		1.125	14.45	
-----ISTD-----										
23) I I14-DIFLUOROBENZENE										
24) S SDIBRFLUOROMET...	0.470	0.472	0.490	0.477	0.549	0.513	0.478	0.452	0.488	6.24
25) T TETRAHYDROFURAN		0.103			0.155	0.159	0.171	0.164	0.150	18.01
26) T 111-TRICHLOROE...		1.085	0.934	1.406	1.223	1.164	1.072	1.147	13.95	
27) T 11-DICHLOROPRO...		0.477		0.678	0.659	0.679	0.635	0.626	13.61	
28) T 12-DICHLOROETHANE		0.972	0.827	1.243	1.114	1.088	0.960	1.034	14.03	
29) T CARBONTETRACHL...		0.894	0.752	1.145	1.025	1.014	0.904	0.956	14.19	
30) T BENZENE		1.749	1.248	1.488	1.979	1.799	1.801	1.677	1.677	14.32
31) T TRICHLOROETHENE		0.500	0.365	0.426	0.500	0.453	0.447	0.419	0.445	10.71
32) C,T 12-DICHLOROPRO...		0.403	0.358	0.505	0.469	0.465	0.430	0.438	12.05	
33) T DIBROMOMETHANE		0.417	0.291	0.331	0.363	0.333	0.310	0.340	11.96	
34) T BROMODICLMETHANE		0.814		0.704	1.000	0.900	0.883	0.794	0.849	11.98
35) T 2-CLETHYLVINYL...			0.013	0.025	0.047	0.066	0.090	0.048#	63.82	
36) T EPICHLOROHYDRIN		0.038	0.034	0.046	0.047	0.050	0.048	0.044#	14.68	
37) T 4METHYL-2-PENT...	0.789		0.494	0.730	0.692	0.705	0.651	0.677	14.86	
38) T CIS13DICLPROPENE	0.876			0.770	0.787	0.821	0.785	0.808	5.25	
39) S STOLUENE-D8	1.317	1.284	1.302	1.310	1.244	1.188	1.125	1.097	1.233	7.02
40) C,T TOLUENE		1.756	1.299	1.692	2.068	1.968	2.035	1.998	1.831	15.01

Response Factor Report V7-AG7890MS

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

Method File : 8260VOC-AUGUST2-LIQ-16.M

Title : Analysis of VOC'S by 8260B,624

41)	T	TRANS13DICLPRO...	0.567				0.801	0.798	0.850	0.830	0.769	14.97
42)	T	112-TRICHLOROE...	0.500	0.364	0.428	0.503	0.457	0.456	0.421	0.447		10.82
43)		2-HEXANONE	0.503			0.361	0.530	0.510	0.543	0.512	0.493	13.43
44)	T	13-DICHLOROPRO...	0.647		0.600	0.808	0.787	0.811	0.759	0.735		12.21
45)	T	DIBRCHLOROMETHANE	0.577	0.426	0.508	0.632	0.609	0.621	0.587	0.566		13.08
46)	T	TETRACHLOROETHENE	0.686	0.492	0.618	0.675	0.613	0.630	0.715	0.633		11.53
47)	T	12-DIBROMOETHANE	0.420	0.309	0.365	0.461	0.450	0.466	0.444	0.417		14.08
-----ISTD-----												
48)	I	CHLOROBENZEN-d5-IS										
49)	P,T	CHLOROBENZENE	1.342	0.994	1.123	1.379	1.323	1.397	1.414	1.282		12.49
50)		1-CHLOROHEXANE	0.480			0.416	0.473	0.539	0.554	0.492		11.29
51)	T	1112-TETRACLET...	0.610	0.455	0.496	0.609	0.575	0.575	0.550	0.553		10.49
52)	C,T	ETHYLBENZENE	1.835			2.319	2.345	2.570	2.654	2.345		13.61
53)	T	MP-XYLENE	1.814			1.862	1.933	2.128	2.208	1.989		8.62
54)	T	STYRENE	0.954			1.198	1.295	1.441	1.461	1.270		16.29
55)	T	O-XYLENE	1.335			1.529	1.815	2.029	2.043	1.750		17.82
56)	P,T	BROMOFORM	0.399		0.336	0.432	0.433	0.459	0.452	0.419		10.90
57)	P,T	1122-TETRACLET...	0.715	0.538	0.593	0.720	0.653	0.691	0.667	0.654		10.25
58)	T	ISOPROPYL BENZENE	1.447			1.855	2.055	2.266	2.289	1.982		17.52
59)	S	S4BRFLUOROBENZENE	0.422	0.412	0.430	0.441	0.468	0.480	0.517	0.547	0.465	10.32
60)	T	123-TRICLPROPANE	0.236	0.185	0.211	0.261	0.241	0.250	0.242	0.232		11.11
61)	T	TRANS14DICL2BU...	0.257		0.178	0.245	0.243	0.270	0.273	0.244		14.21
62)	T	BROMOBENZENE			0.923	1.245	1.202	1.306	1.336	1.202		13.70
63)	T	N-PROPYLBENZENE	2.488			2.426	2.485	2.834	2.945	2.636		8.97
64)	T	2-CHLOROTOLUENE	1.774			1.866	1.902	2.112	2.163	1.964		8.49
65)	T	4-CHLOROTOLUENE	1.781			1.661	1.686	1.875	1.935	1.788		6.61
66)	T	135TRIMETHYLBE...	1.674			2.067	2.049	2.269	2.323	2.076		12.30
67)	T	TERT-BUTYLBENZENE	1.291			1.401	1.461	1.622	1.668	1.489		10.50
68)	T	124TRIMETHYLBE...	1.651			1.951	1.982	2.200	2.293	2.016		12.37
69)	T	SEC-BUTYLBENZENE	1.898			1.962	2.011	2.256	2.325	2.090		9.03
70)	T	13-DICHLOROBEN...	0.806			0.945	0.942	1.064	1.131	0.978		12.79
-----ISTD-----												
71)	I	I14-DICLBENZENE-D4										
72)	T	4-ISOPROPYLTOL...	3.167			3.223	3.374	3.571	3.401	3.347		4.76
73)	T	14-DICHLOROBEN...		1.955	1.475	1.597	1.894	1.836	1.952	1.901	1.801	10.50
74)	T	12-DICHLOROBEN...		1.506		1.319	1.719	1.735	1.863	1.888	1.672	13.14
75)	T	N-BUTYLBENZENE	2.848			2.795	2.928	3.132	3.051	2.951		4.74
76)	T	12-DIBR-3CLPRO...		0.248	0.191	0.208	0.261	0.266			0.235	14.21
77)		124-TRICLBENZENE		0.452			0.613	0.666	0.762	0.865	0.671	23.25
78)	T	NAPHTHALENE	1.409				1.386	1.698	2.061	2.316	1.774	22.99
79)	T	HEXACHLOROBUTA...		0.458	0.332	0.337	0.386	0.380	0.398	0.368	0.380	11.09
80)		123-TRICLBENZENE		0.562		0.512	0.705	0.747	0.849		0.675	20.39

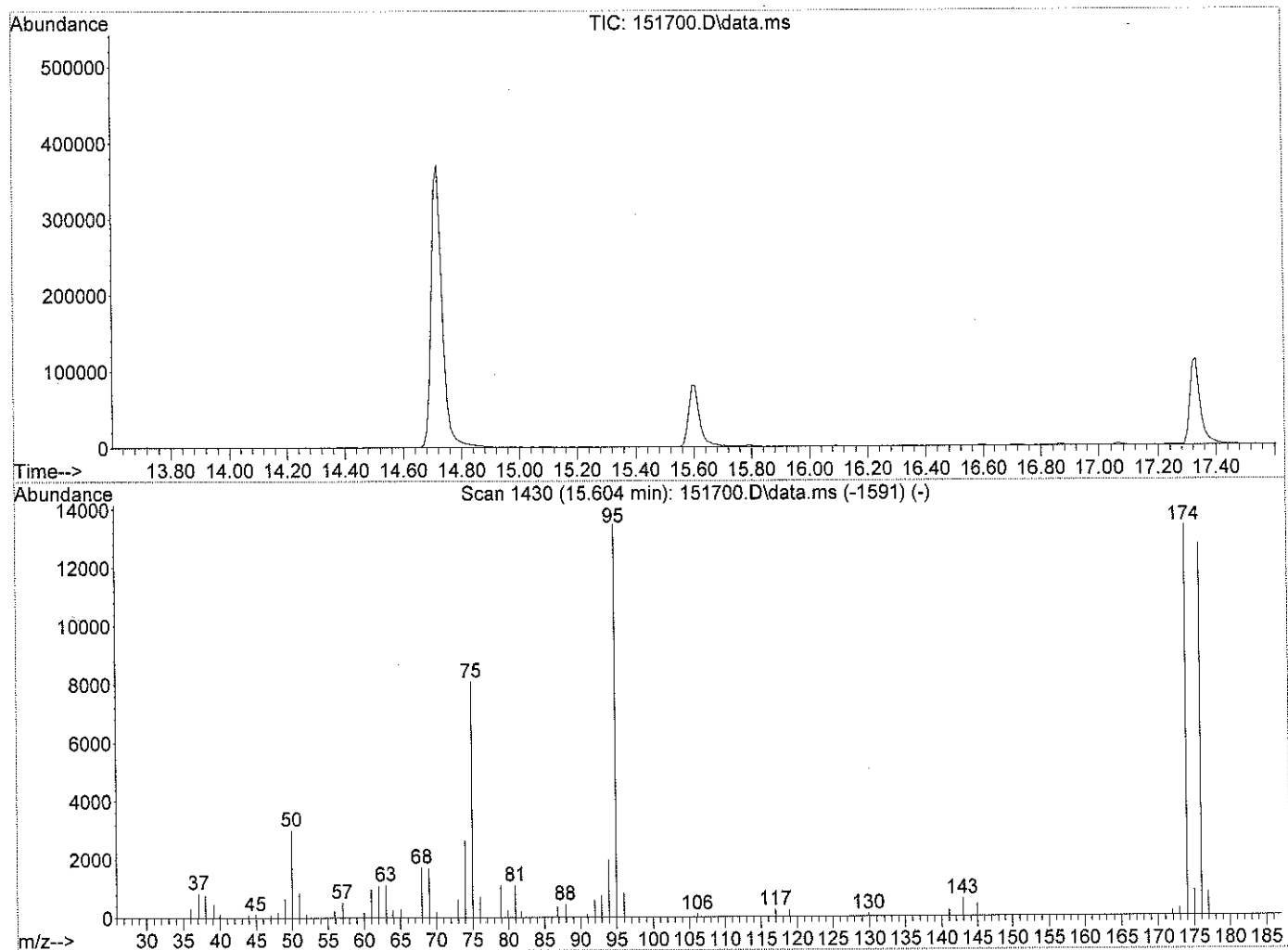
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Method VOC

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151700.D
 Acq On : 23 Aug 2016 4:16 pm
 Operator : SEDS
 Sample : BFB/BROMOFORMO
 Misc : RUN181517
 ALS Vial : 1 Sample Multiplier: 1

Integration File: VOC.P

Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Title : Analysis of VOC'S by 8260B,624
 Last Update : Wed Aug 24 15:14:53 2016



Spectrum Information: Scan 1430

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	22.3	3004	PASS
75	95	30	60	60.0	8091	PASS
95	95	100	100	100.0	13493	PASS
96	95	5	9	6.2	843	PASS
173	174	0.00	2	1.9	254	PASS
174	95	50	150	99.2	13380	PASS
175	174	5	9	6.5	875	PASS
176	174	95	101	95.4	12763	PASS
177	176	5	9	6.3	803	PASS

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151701.D
 Acq On : 23 Aug 2016 4:43 pm
 Operator : SEDS
 Sample : LRB/2569453
 Misc : RUN181519
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 15:48:14 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	91884	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	135459	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	83038m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34685	20.00	µg/L	0.00
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	76517m	23.17	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	115.85%
39) STOLUENE-D8	10.690	98	162037	19.40	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	97.00%
59) S4BRFLUOROBENZENE	15.594	95	31686	16.42	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.10%
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	0.000		0	N.D.		
3) CHLOROMETHANE	3.259	50	1074	N.D.		
4) VINYL CHLORIDE	0.000		0	N.D.		
5) BROMOMETHANE	3.797	94	781	N.D.		
6) CHLOROETHANE	3.960	64	854	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	5.046	56	145	N.D.		
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.884	142	786	N.D.		
12) CARBON DISULFIDE	4.782	76	633	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	1076	N.D.		
15) TRANS12DICLETHENE	5.513	96	206	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.396	43	73	N.D.		
18) 2-BUTANONE	7.858	43	247	N.D.		
19) CIS12DICHLOROETHENE	6.650	96	63	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.117	83	618	N.D.		
22) BROMOCHLOROMETHANE	7.107	49	950	N.D.		
25) TETRAHYDROFURAN	7.310	42	135	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	7.259	117	82	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	10.782	91	68	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\181517\
 Data File : 151701.D
 Acq On : 23 Aug 2016 4:43 pm
 Operator : SEDS
 Sample : LRB/2569453
 Misc : RUN181519
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 15:48:14 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

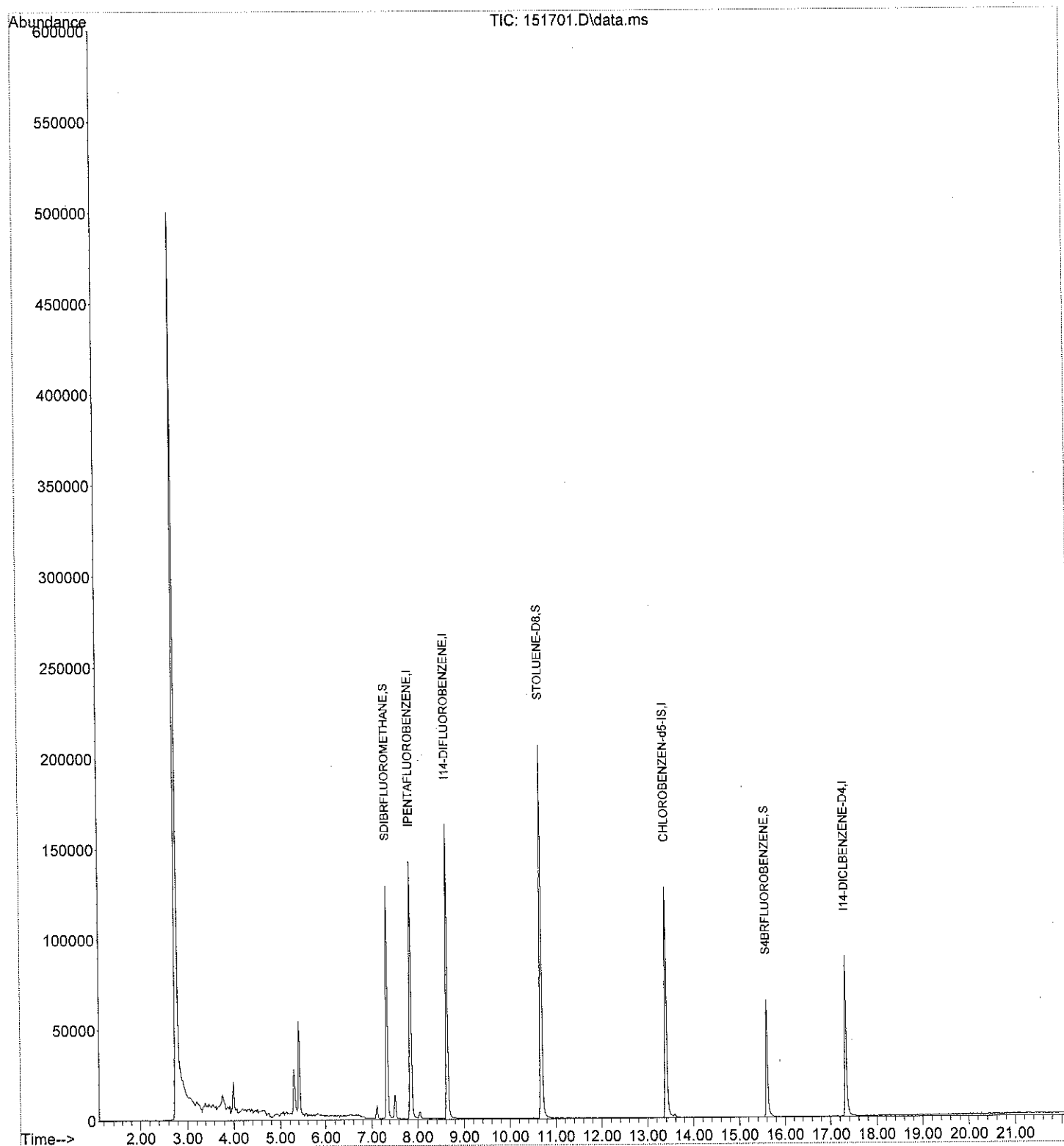
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	0.000		0		N.D.	
47) 12-DIBROMOETHANE	0.000		0		N.D.	
49) CHLOROBENZENE	0.000		0		N.D.	
50) 1-CHLOROHEXANE	0.000		0		N.D.	
51) 1112-TETRACLETHANE	0.000		0		N.D.	
52) ETHYLBENZENE	0.000		0		N.D.	
53) MP-XYLENE	0.000		0		N.D.	
54) STYRENE	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	0.000		0		N.D.	
63) N-PROPYLBENZENE	0.000		0		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

(QT Reviewed)

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Data Path   : C:\msdchem\1\DATA\181517\
Data File   : 151701.D
Acq On      : 23 Aug 2016      4:43 pm
Operator    : SEDS
Sample      : LRB/2569453
Misc        : RUN181519
ALS Vial    : 2      Sample Multiplier: 1
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Quant Time: Aug 29 15:48:14 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : G:\UsersData\UsersData\SDiaz\Export Data\MDL\
 Data File : 151702.D
 Acq On : 23 Aug 2016 5:09 pm
 Operator : SEDS
 Sample : MDL/2569455
 Misc : RUN181519
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 29 18:18:05 2016

Quant Method : C:\MSDCHEM\1\METHODS\V7\8260VOC-AUGUST2-LIQ-16.M

Quant Title : Analysis of VOC'S by 8260B, 624

QLast Update : Wed Aug 24 15:14:53 2016

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88383	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	130291	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	96223	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	39332	20.00	µg/L	0.00
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	75767m	23.85	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	119.25%
39) STOLUENE-D8	10.690	98	159723	19.88	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.40%
59) S4BRFLUOROBENZENE	15.594	95	36720m	16.42	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.10%
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	2.985	85	3573	1.39	µg/L	# 86
3) CHLOROMETHANE	3.259	50	4628	2.04	µg/L	# 94
4) VINYL CHLORIDE	3.375	62	3862	1.55	µg/L	# 35
5) BROMOMETHANE	3.787	94	10475	3.07	µg/L	96
6) CHLOROETHANE	3.939	64	3911	2.07	µg/L	# 91
7) TRICLFLUOROMETHANE	4.102	101	11807	1.16	µg/L	97
8) ACROLEIN	5.046	56	19308	28.42	µg/L	# 93
9) ACETONE	5.350	43	10852	9.36	µg/L	# 92
10) 11-DICHLOROETHENE	4.691	61	3887	0.84	µg/L	# 85
11) IODOMETHANE	4.883	142	14090	3.79	µg/L	# 86
12) CARBON DISULFIDE	4.782	76	51247	6.71	µg/L	# 91
13) ACRYLONITRILE	6.244	53	6646	3.62	µg/L	96
14) DICHLOROMETHANE	5.320	84	6697	1.88	µg/L	# 15
15) TRANS12DICLETHENE	5.503	96	3951	1.19	µg/L	97
16) 11-DICHLOROETHANE	6.193	63	8985	1.26	µg/L	97
17) VINYL ACETATE	6.406	43	39146	4.79	µg/L	# 91
18) 2-BUTANONE	7.482	43	6669	2.68	µg/L	# 96
19) CIS12DICHLOROETHENE	6.822	96	2584	0.64	µg/L	86
20) 22-DICHLOROPROPANE	6.954	77	5075	0.68	µg/L	97
21) CHLOROFORM	7.107	83	9525	1.19	µg/L	# 99
22) BROMOCHLOROMETHANE	7.066	49	4958	1.00	µg/L	# 61
25) TETRAHYDROFURAN	7.361	42	577	0.54	µg/L	# 54
26) 111-TRICHLOROETHANE	7.411	97	7461	1.00	µg/L	95
27) 11-DICHLOROPROPENE	7.564	75	2456	0.60	µg/L	96
28) 12-DICHLOROETHANE	8.132	62	7342	1.09	µg/L	# 98
29) CARBONTETRACHLORIDE	7.340	117	6065	0.97	µg/L	# 89
30) BENZENE	7.888	78	10086	0.92	µg/L	# 83
31) TRICHLOROETHENE	8.640	132	2612	0.90	µg/L	# 71
32) 12-DICHLOROPROPANE	9.381	63	2309	0.81	µg/L	92
33) DIBROMOMETHANE	9.259	174	2031	0.92	µg/L	# 82
34) BROMODICLMETHANE	9.442	83	5224	0.94	µg/L	99
35) 2-CLETHYLVINYLETHER	10.244	63	881	3.73	µg/L	# 52
36) EPICHLOROHYDRIN	10.772	57	4318	15.14	µg/L	91
37) 4METHYL-2-PENTANONE	11.340	43	10083	2.29	µg/L	# 84
38) CIS13DICLPROPENE	10.386	75	2531	0.48	µg/L	95
40) TOLUENE	10.782	91	7472	0.63	µg/L	92
41) TRANS13DICLPROPENE	11.431	75	2477	0.49	µg/L	79
42) 112-TRICHLOROETHANE	11.706	97	2763	0.95	µg/L	86
43) 2-HEXANONE	12.802	43	5043	1.57	µg/L	# 84
44) 13-DICHLOROPROPANE	12.203	76	2920	0.61	µg/L	84
45) DIBRCHLOROMETHANE	12.051	129	3114	0.85	µg/L	97

Data Path : G:\UsersData\UsersData\SDiaz\Export Data\MDL\
 Data File : 151702.D
 Acq On : 23 Aug 2016 5:09 pm
 Operator : SEDS
 Sample : MDL/2569455
 Misc : RUN181519
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 29 18:18:05 2016
 Quant Method : C:\MSDCHEM\1\METHODS\V7\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

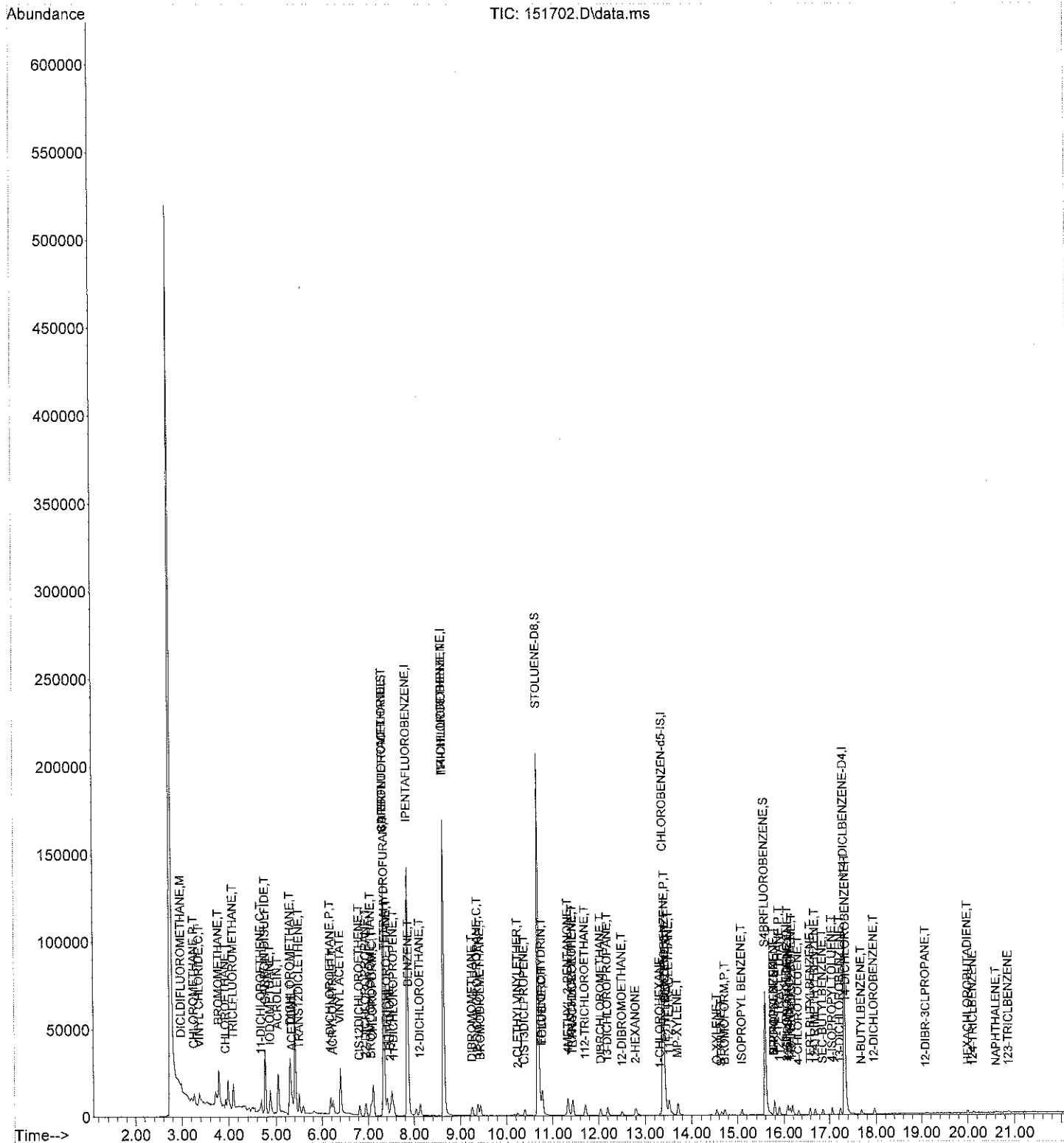
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.442	166	2188	0.53	µg/L	92
47) 12-DIBROMOETHANE	12.518	107	1835	0.68	µg/L #	93
49) CHLOROBENZENE	13.431	112	5028	0.82	µg/L	79
50) 1-CHLOROHEXANE	13.330	91	345	0.15	µg/L #	86
51) 1112-TETRACLETHANE	13.523	131	3064	1.15	µg/L #	72
52) ETHYLBENZENE	13.452	91	5902	0.52	µg/L	93
53) MP-XYLENE	13.705	91	7379	0.77	µg/L	97
54) STYRENE	14.650	104	2164	0.31	µg/L	85
55) O-XYLENE	14.548	91	3215	0.33	µg/L	92
56) BROMOFORM	14.731	173	2054	1.02	µg/L	95
57) 1122-TETRACLETHANE	15.898	83	3165	1.01	µg/L #	93
58) ISOPROPYL BENZENE	15.096	105	3364	0.31	µg/L	91
60) 123-TRICLPROPANE	16.132	110	762	0.68	µg/L	86
61) TRANS14DICL2BUTENE	16.182	53	1937	1.65	µg/L	91
62) BROMOBENZENE	15.787	77	3022	0.52	µg/L	96
63) N-PROPYLBENZENE	15.787	91	4728	0.37	µg/L	95
64) 2-CHLOROTOLUENE	16.071	91	3116	0.33	µg/L	97
65) 4-CHLOROTOLUENE	16.325	91	2856	0.33	µg/L	95
66) 135TRIMETHYLBENZENE	16.091	105	2994	0.30	µg/L	87
67) TERT-BUTYLBENZENE	16.599	119	2736	0.38	µg/L	97
68) 124TRIMETHYLBENZENE	16.700	105	3153	0.33	µg/L	93
69) SEC-BUTYLBENZENE	16.863	105	3158	0.31	µg/L	97
70) 13-DICHLOROBENZENE	17.228	146	2333	0.50	µg/L	90
72) 4-ISOPROPYLTOLUENE	17.066	119	3050	0.46	µg/L	97
73) 14-DICHLOROBENZENE	17.350	146	3066	0.87	µg/L #	23
74) 12-DICHLOROBENZENE	17.959	146	2233	0.68	µg/L	91
75) N-BUTYLBENZENE	17.685	91	2349	0.40	µg/L	84
76) 12-DIBR-3CLPROPANE	19.096	75	318	0.69	µg/L #	3
77) 124-TRICLBENZENE	20.111	180	550	0.34	µg/L #	54
78) NAPHTHALENE	20.609	128	1371	0.31	µg/L	71
79) HEXACHLOROBUTADIENE	20.000	225	568	0.76	µg/L	86
80) 123-TRICLBENZENE	20.873	182	579	0.36	µg/L #	53

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

(QT Reviewed)

Data Path : G:\UsersData\UsersData\SDíaz\Export Data\MDL\
Data File : 151702.D
Acq On : 23 Aug 2016 5:09 pm
Operator : SEDS
Sample : MDL/2569455
Misc : RUN181519
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 29 18:18:05 2016
Quant Method : C:\MSDCHEM\1\METHODS\V7\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\V7\181517\
 Data File : 151703.D
 Acq On : 23 Aug 2016 5:35 pm
 Operator : SEDS
 Sample : ICV/2571726
 Misc : RUN181648
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 17:05:19 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	IPENTAFLUOROBENZENE	1.000	1.000	0.0	102	0.00
2 M	DICLDIFLUOROMETHANE	0.580	0.480	17.2	81	-0.02
3 P,T	CHLOROMETHANE	0.638	0.416	34.8#	84	-0.02
4 C,T	VINYL CHLORIDE	0.565	0.553	2.1	101	0.00
5 T	BROMOMETHANE	0.771	0.712	7.7	80	0.01
6 T	CHLOROETHANE	0.427	0.404	5.4	110	0.02
7 T	TRICLFLUOROMETHANE	2.297	1.980	13.8	74	0.00
8 T	ACROLEIN	0.162	0.140	13.6	75	0.00
9 T	ACETONE	0.319	0.284	11.0	114	-0.01
10 C,T	11-DICHLOROETHENE	1.011	0.849	16.0	102	0.00
11 T	IODOMETHANE	0.841	0.851	-1.2	90	0.00
12 T	CARBON DISULFIDE	1.729	2.038	-17.9	102	0.00
13 T	ACRYLONITRILE	0.330	0.345	-4.5	92	0.00
14 T	DICHLOROMETHANE	0.708	0.751	-6.1	89	0.00
15 T	TRANS12DICLETHENE	0.627	0.690	-10.0	92	0.00
16 P,T	11-DICHLOROETHANE	1.136	1.676	-47.5#	0#	0.00
17	VINYL ACETATE	1.742	2.022	-16.1	95	0.00
18	2-BUTANONE	0.684	0.567	17.1	66	0.00
19 T	CIS12DICHLOROETHENE	0.808	0.737	8.8	80	0.00
20 T	22-DICHLOROPROPANE	1.904	1.446	24.1#	69	0.00
21 C,T	CHLOROFORM	1.809	1.618	10.6	98	-0.01
22 T	BROMOCHLOROMETHANE	1.125	1.168	-3.8	109	0.00
23 I	I14-DIFLUOROBENZENE	1.000	1.000	0.0	71	0.00
24 S	SDIBRFLUOROMETHANE	0.488	0.555	-13.7	72	0.00
25 T	TETRAHYDROFURAN	0.150	0.156	-4.0	72	0.00
26 T	111-TRICHLOROETHANE	1.147	1.307	-13.9	66	-0.01
27 T	11-DICHLOROPROPENE	0.626	0.674	-7.7	71	0.00
28 T	12-DICHLOROETHANE	1.034	1.214	-17.4	70	0.00
29 T	CARBONTETRACHLORIDE	0.956	1.101	-15.2	69	0.00
30 T	BENZENE	1.677	1.849	-10.3	67	0.00
31 T	TRICHLOROETHENE	0.445	0.511	-14.8	73	0.00
32 C,T	12-DICHLOROPROPANE	0.438	0.494	-12.8	70	0.00
33 T	DIBROMOMETHANE	0.340	0.366	-7.6	72	-0.01
34 T	BROMODICLMETHANE	0.849	0.959	-13.0	68	-0.01
35 T	2-CLETHYLVINYLETHER	0.048	0.042#	12.5	120	-0.01
36 T	EPICHLOROHYDRIN	0.044	0.043#	2.3	66	-0.01
37 T	4METHYL-2-PENTANONE	0.677	0.696	-2.8	68	-0.01
38 T	CIS13DICLPROPENE	0.808	0.727	10.0	67	0.00
39 S	STOLUENE-D8	1.233	1.218	1.2	70	0.00
40 C,T	TOLUENE	1.831	2.095	-14.4	72	-0.01
41 T	TRANS13DICLPROPENE	0.769	0.789	-2.6	70	-0.01
42 T	112-TRICHLOROETHANE	0.447	0.499	-11.6	71	0.00
43	2-HEXANONE	0.493	0.441	10.5	59	-0.01
44 T	13-DICHLOROPROPANE	0.735	0.767	-4.4	68	-0.01
45 T	DIBRCHLOROMETHANE	0.566	0.629	-11.1	71	-0.01
46 T	TETRACHLOROETHENE	0.633	0.553	12.6	58	-0.01
47 T	12-DIBROMOETHANE	0.417	0.437	-4.8	68	-0.01
48 I	CHLOROBENZEN-d5-IS	1.000	1.000	0.0	72	0.00
49 P,T	CHLOROBENZENE	1.282	1.394	-8.7	73	-0.01
50	1-CHLOROHEXANE	0.492	0.419	14.8	73	0.08

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\V7\181517\
 Data File : 151703.D
 Acq On : 23 Aug 2016 5:35 pm
 Operator : SEDS
 Sample : ICV/2571726
 Misc : RUN181648
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 17:05:19 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
51 T	1112-TETRACLETHANE	0.553	0.643	-16.3	76	-0.01
52 C,T	ETHYLBENZENE	2.345	2.258	3.7	70	-0.01
53 T	MP-XYLENE	1.989	1.811	8.9	70	-0.01
54 T	STYRENE	1.270	1.179	7.2	71	0.00
55 T	O-XYLENE	1.750	1.776	-1.5	84	0.00
56 P,T	BROMOFORM	0.419	0.428	-2.1	71	0.00
57 P,T	1122-TETRACLETHANE	0.654	0.669	-2.3	67	0.00
58 T	ISOPROPYL BENZENE	1.982	2.100	-6.0	82	0.00
59 S	S4BRFLUOROBENZENE	0.465	0.426	8.4	66	0.00
60 T	123-TRICLPROPANE	0.232	0.264	-13.8	73	-0.01
61 T	TRANS14DICL2BUTENE	0.244	0.235	3.7	69	-0.01
62 T	BROMOBENZENE	1.202	1.220	-1.5	71	0.00
63 T	N-PROPYLBENZENE	2.636	2.294	13.0	68	0.00
64 T	2-CHLOROTOLUENE	1.964	1.811	7.8	70	-0.01
65 T	4-CHLOROTOLUENE	1.788	1.567	12.4	68	0.00
66 T	135TRIMETHYLBENZENE	2.076	2.020	2.7	71	0.00
67 T	TERT-BUTYLBENZENE	1.489	1.353	9.1	70	-0.01
68 T	124TRIMETHYLBENZENE	2.016	1.912	5.2	71	0.00
69 T	SEC-BUTYLBENZENE	2.090	1.882	10.0	69	0.00
70 T	13-DICHLOROBENZENE	0.978	0.925	5.4	71	0.00
71 I	I14-DICLBENZENE-D4	1.000	1.000	0.0	58	-0.01
72 T	4-ISOPROPYLTOLUENE	3.347	3.766	-12.5	68	0.00
73 T	14-DICHLOROBENZENE	1.801	1.972	-9.5	61	-0.01
74 T	12-DICHLOROBENZENE	1.672	1.536	8.1	52	0.00
75 T	N-BUTYLBENZENE	2.951	3.255	-10.3	68	-0.01
76 T	12-DIBR-3CLPROPANE	0.235	0.219	6.8	49#	0.00
77	124-TRICLBENZENE	0.671	0.816	-21.6#	78	0.00
78 T	NAPHTHALENE	1.774	1.831	-3.2	77	0.01
79 T	HEXACHLOROBUTADIENE	0.380	0.453	-19.2	68	0.00
80	123-TRICLBENZENE	0.675	0.771	-14.2	64	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151703.D
 Acq On : 23 Aug 2016 5:35 pm
 Operator : SEDS
 Sample : ICV/2569454
 Misc : RUN181519
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 17:05:19 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	140447m	20.00	µg/L	0.00
23) I14-DIFLUOROBENZENE	8.640	114	147761	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	146463	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.320	152	61925m	20.00	µg/L	-0.01
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	82010m	22.76	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	113.80%
39) STOLUENE-D8	10.690	98	179964	19.75	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.75%
59) S4BRFLUOROBENZENE	15.604	95	62323	18.31	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	91.55%
Target Compounds						
						Qvalue
2) DICLDFLUOROMETHANE	2.985	85	67409m	16.56	µg/L	
3) CHLOROMETHANE	3.259	50	58489m	16.22	µg/L	
4) VINYL CHLORIDE	3.371	62	77686m	19.57	µg/L	
5) BROMOMETHANE	3.787	94	99962m	18.46	µg/L	
6) CHLOROETHANE	3.939	64	56707	18.90	µg/L	97
7) TRICLFLUOROMETHANE	4.102	101	278117m	17.24	µg/L	
8) ACROLEIN	5.046	56	492973m	456.59	µg/L	
9) ACETONE	5.351	43	199110	108.10	µg/L	# 98
10) 11-DICHLOROETHENE	4.691	61	119185	16.17	µg/L	94
11) IODOMETHANE	4.884	142	597787	101.18	µg/L	89
12) CARBON DISULFIDE	4.772	76	1431350m	117.89	µg/L	
13) ACRYLONITRILE	6.244	53	241966m	84.72	µg/L	
14) DICHLOROMETHANE	5.320	84	105465	18.62	µg/L	88
15) TRANS12DICLETHENE	5.503	96	96846	18.33	µg/L	93
16) 11-DICHLOROETHANE	6.193	63	235432	21.40	µg/L	100
17) VINYL ACETATE	6.396	43	1420043	109.43	µg/L	96
18) 2-BUTANONE	7.472	43	398311m	100.56	µg/L	
19) CIS12DICHLOROETHENE	6.823	96	103446	16.03	µg/L	# 85
20) 22-DICHLOROPROPANE	6.955	77	203150m	17.21	µg/L	
21) CHLOROFORM	7.107	83	227222	17.89	µg/L	99
22) BROMOCHLOROMETHANE	7.066	49	164028m	20.77	µg/L	
25) TETRAHYDROFURAN	7.350	42	23108	18.98	µg/L	# 87
26) 111-TRICHLOROETHANE	7.411	97	193133m	22.79	µg/L	
27) 11-DICHLOROPROPENE	7.564	75	99616	21.55	µg/L	98
28) 12-DICHLOROETHANE	8.132	62	179333m	23.47	µg/L	
29) CARBONTETRACHLORIDE	7.340	117	162736m	23.05	µg/L	
30) BENZENE	7.878	78	273250m	22.05	µg/L	
31) TRICHLOROETHENE	8.640	132	75525	22.99	µg/L	# 93
32) 12-DICHLOROPROPANE	9.381	63	73011	22.55	µg/L	# 89
33) DIBROMOMETHANE	9.249	174	54100	21.53	µg/L	86
34) BROMODICLMEthane	9.432	83	141676m	22.58	µg/L	
35) 2-CLETHYLVINYLETHER	10.223	63	30735m	100.28	µg/L	
36) EPICHLOROHYDRIN	10.761	57	158263	489.29	µg/L	87
37) 4METHYL-2-PENTANONE	11.330	43	514235	102.83	µg/L	# 89
38) CIS13DICLPROPENE	10.386	75	107418	18.00	µg/L	90
40) TOLUENE	10.772	91	309558	22.88	µg/L	100
41) TRANS13DICLPROPENE	11.421	75	116520	20.50	µg/L	87
42) 112-TRICHLOROETHANE	11.706	97	73745	22.33	µg/L	# 89
43) 2-HEXANONE	12.782	43	325470	89.35	µg/L	# 88
44) 13-DICHLOROPROPANE	12.193	76	113383	20.87	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	92987	22.25	µg/L	99

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151703.D
 Acq On : 23 Aug 2016 5:35 pm
 Operator : SEDS
 Sample : ICV/2569454
 Misc : RUN181519
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 17:05:19 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

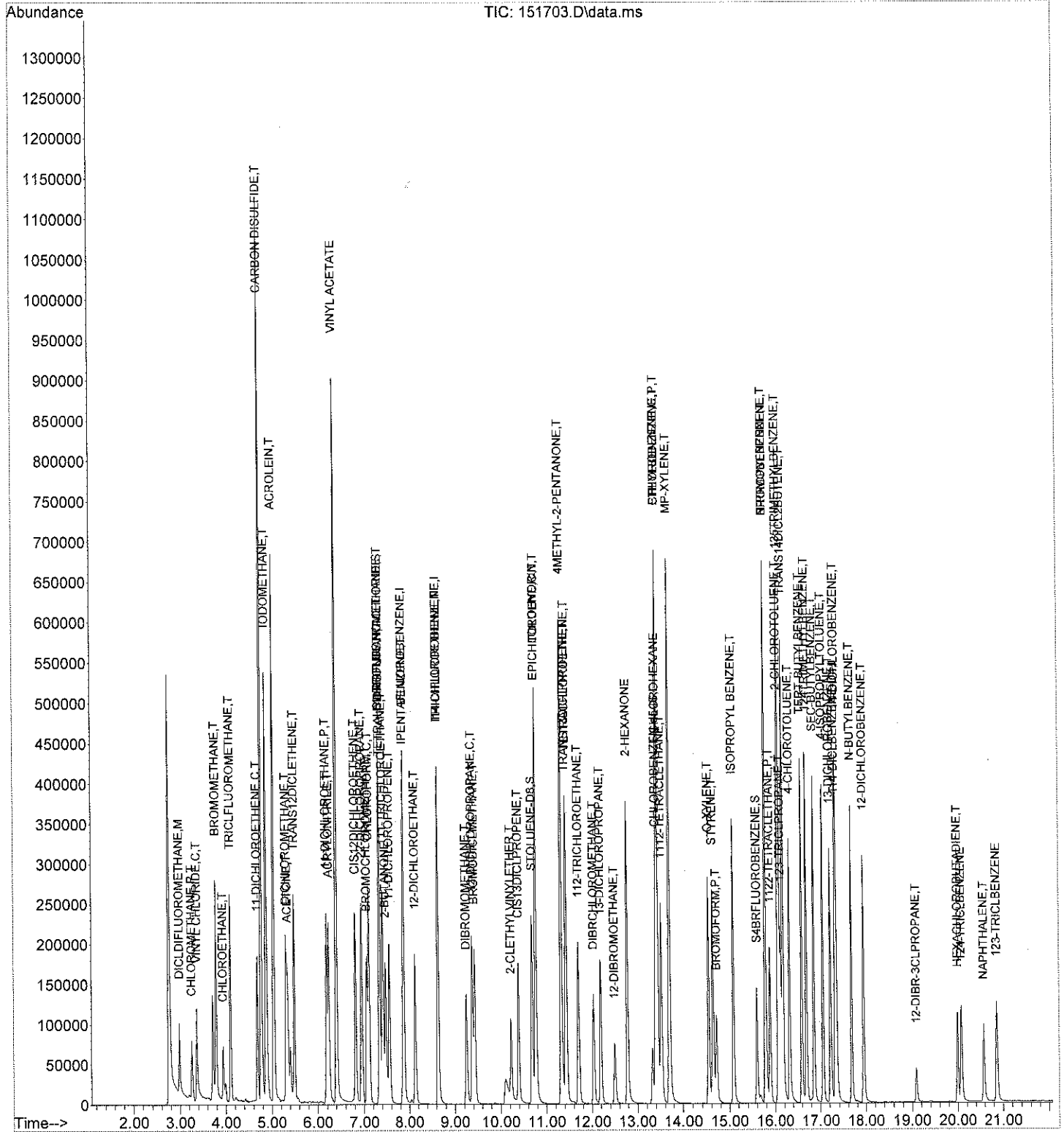
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.432	166	81675	17.47	µg/L #	91
47) 12-DIBROMOETHANE	12.497	107	64580	20.98	µg/L	99
49) CHLOROBENZENE	13.431	112	204231	21.76	µg/L	92
50) 1-CHLOROHEXANE	13.411	91	61312m	17.00	µg/L	
51) 1112-TETRACLETHANE	13.523	131	94188	23.26	µg/L	97
52) ETHYLBENZENE	13.431	91	330754	19.26	µg/L	98
53) MP-XYLENE	13.706	91	530434	36.42	µg/L	99
54) STYRENE	14.639	104	172714m	16.30	µg/L	
55) O-XYLENE	14.548	91	260110m	17.53	µg/L	
56) BROMOFORM	14.721	173	62703	20.45	µg/L	97
57) 1122-TETRACLETHANE	15.888	83	98012	20.47	µg/L	100
58) ISOPROPYL BENZENE	15.086	105	307514m	18.49	µg/L	
60) 123-TRICLPROPANE	16.122	110	38660	22.74	µg/L	92
61) TRANS14DICL2BUTENE	16.172	53	172414	96.39	µg/L	89
62) BROMOBENZENE	15.787	77	178683	20.29	µg/L	92
63) N-PROPYLBENZENE	15.787	91	335973	17.41	µg/L	96
64) 2-CHLOROTOLUENE	16.061	91	265314	18.45	µg/L	71
65) 4-CHLOROTOLUENE	16.325	91	229510	17.53	µg/L	99
66) 135TRIMETHYLBENZENE	16.081	105	295858	19.46	µg/L	99
67) TERT-BUTYLBENZENE	16.589	119	198184	18.18	µg/L	91
68) 124TRIMETHYLBENZENE	16.700	105	280042	18.97	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	275577	18.00	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	135468	18.92	µg/L	93
72) 4-ISOPROPYLTOLUENE	17.066	119	233191	22.50	µg/L	97
73) 14-DICHLOROBENZENE	17.340	146	122103m	21.89	µg/L	
74) 12-DICHLOROBENZENE	17.949	146	95091m	18.37	µg/L	
75) N-BUTYLBENZENE	17.675	91	201549	22.06	µg/L	97
76) 12-DIBR-3CLPROPANE	19.096	157	13583m	18.69	µg/L	
77) 124-TRICLBENZENE	20.081	180	50534	19.56	µg/L #	87
78) NAPHTHALENE	20.578	128	113375m	16.41	µg/L	
79) HEXACHLOROBUTADIENE	20.000	225	28039	23.83	µg/L	98
80) 123-TRICLBENZENE	20.863	182	47733	18.76	µg/L	94

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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151703.D
Acq On : 23 Aug 2016 5:35 pm
Operator : SEDS
Sample : ICV/2569454
Misc : RUN181519
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 17:05:19 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151708.D
 Acq On : 23 Aug 2016 7:44 pm
 Operator : SEDS
 Sample : FB/2539049
 Misc : RUN181519
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 29 17:06:56 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B, 624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	87305	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	127690	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	85184	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	35492	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	60667m	19.49	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	97.45%
39) STOLUENE-D8	10.690	98	155430	19.74	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.70%
59) S4BRFLUOROBENZENE	15.594	95	33474	16.91	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	84.55%

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	3.787	94	761	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	4.884	142	797	N.D.		
12) CARBON DISULFIDE	4.772	76	1397	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	772	N.D.		
15) TRANS12DICLETHENE	5.503	96	77	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.868	43	347	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	3190	N.D.		
22) BROMOCHLOROMETHANE	7.107	49	1150	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	7.269	117	244	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	10.782	91	145	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\181517\
 Data File : 151708.D
 Acq On : 23 Aug 2016 7:44 pm
 Operator : SEDS
 Sample : FB/2539049
 Misc : RUN181519
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 29 17:06:56 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

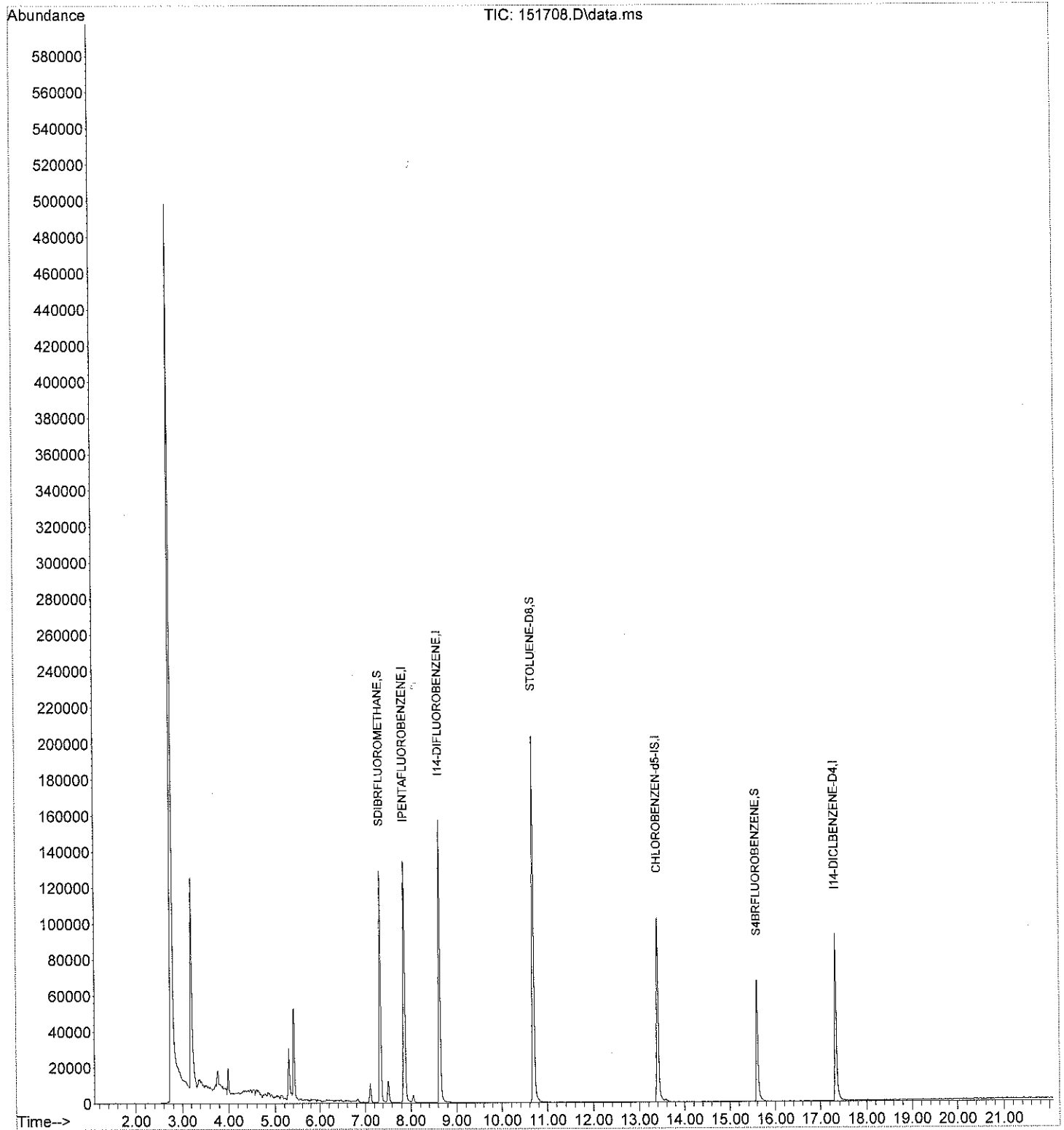
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151708.D
Acq On : 23 Aug 2016 7:44 pm
Operator : SEDS
Sample : FB/2539049
Misc : RUN181519
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 29 17:06:56 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151709.D
 Acq On : 23 Aug 2016 8:10 pm
 Operator : SEDS
 Sample : FB/2539050
 Misc : RUN181519
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 29 17:08:26 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	90803	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	133780	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	87403m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	35730	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	62373m	19.12	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	95.60%
39) STOLUENE-D8	10.691	98	164147	19.90	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.50%
59) S4BRFLUOROBENZENE	15.594	95	33346	16.42	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.10%

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	3.787	94	568	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	4.894	142	633	N.D.	
12) CARBON DISULFIDE	4.782	76	1164	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	694	N.D.	
15) TRANS12DICLETHENE	5.503	96	67	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	248	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	3248	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	1036	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	7.269	117	334	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	10.782	91	238	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\181517\
 Data File : 151709.D
 Acq On : 23 Aug 2016 8:10 pm
 Operator : SEDS
 Sample : FB/2539050
 Misc : RUN181519
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 29 17:08:26 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

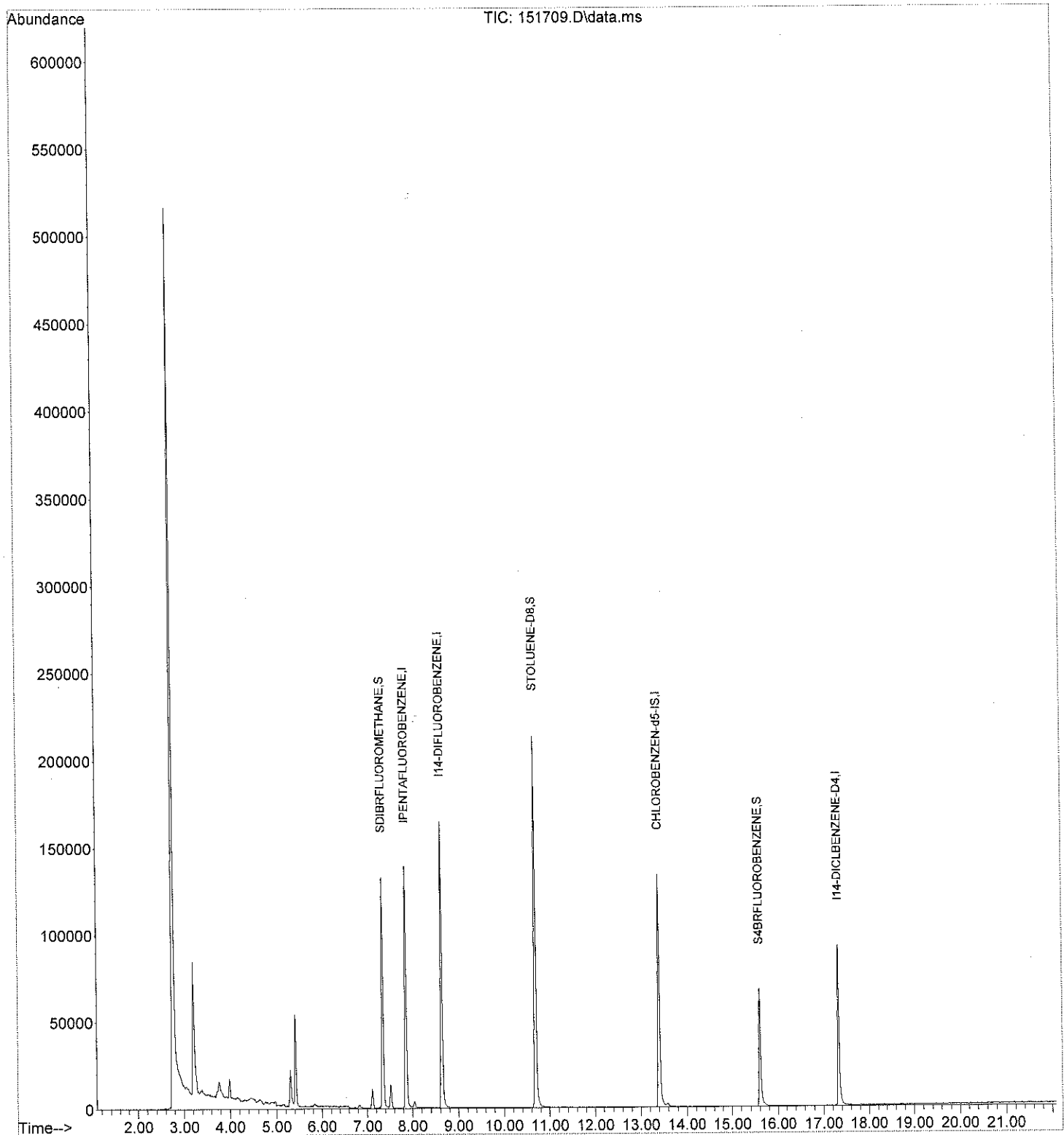
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	0.000		0	N.D.		
47) 12-DIBROMOETHANE	0.000		0	N.D.		
49) CHLOROBENZENE	0.000		0	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	N.D.		
53) MP-XYLENE	0.000		0	N.D.		
54) STYRENE	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	15.604	77	74	N.D.		
63) N-PROPYLBENZENE	0.000		0	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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151709.D
Acq On : 23 Aug 2016 8:10 pm
Operator : SEDS
Sample : FB/2539050
Misc : RUN181519
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 29 17:08:26 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151710.D
 Acq On : 23 Aug 2016 8:35 pm
 Operator : SEDS
 Sample : TB/2539055
 Misc : RUN181519
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 29 17:09:51 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IPENTAFLUOROBENZENE	7.868	168	104114	20.00 µg/L	0.00
23) I14-DIFLUOROBENZENE	8.640	114	144913	20.00 µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	95336m	20.00 µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	38467	20.00 µg/L	0.00

System Monitoring Compounds					
24) SDIBRFLUOROMETHANE	7.340	111	79204	22.42 µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 112.10%
39) STOLUENE-D8	10.690	98	184188	20.61 µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 103.05%
59) S4BRFLUOROBENZENE	15.604	95	36759	16.59 µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 82.95%

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	3.787	94	623	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	4.884	142	551	N.D.	
12) CARBON DISULFIDE	4.772	76	1054	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	680	N.D.	
15) TRANS12DICLETHENE	5.442	96	110	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	218	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	2194	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	776	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	7.259	117	154	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	10.690	57	132	N.D.	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	10.772	91	375	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\181517\
 Data File : 151710.D
 Acq On : 23 Aug 2016 8:35 pm
 Operator : SEDS
 Sample : TB/2539055
 Misc : RUN181519
 ALS Vial : 11 Sample Multiplier: 1

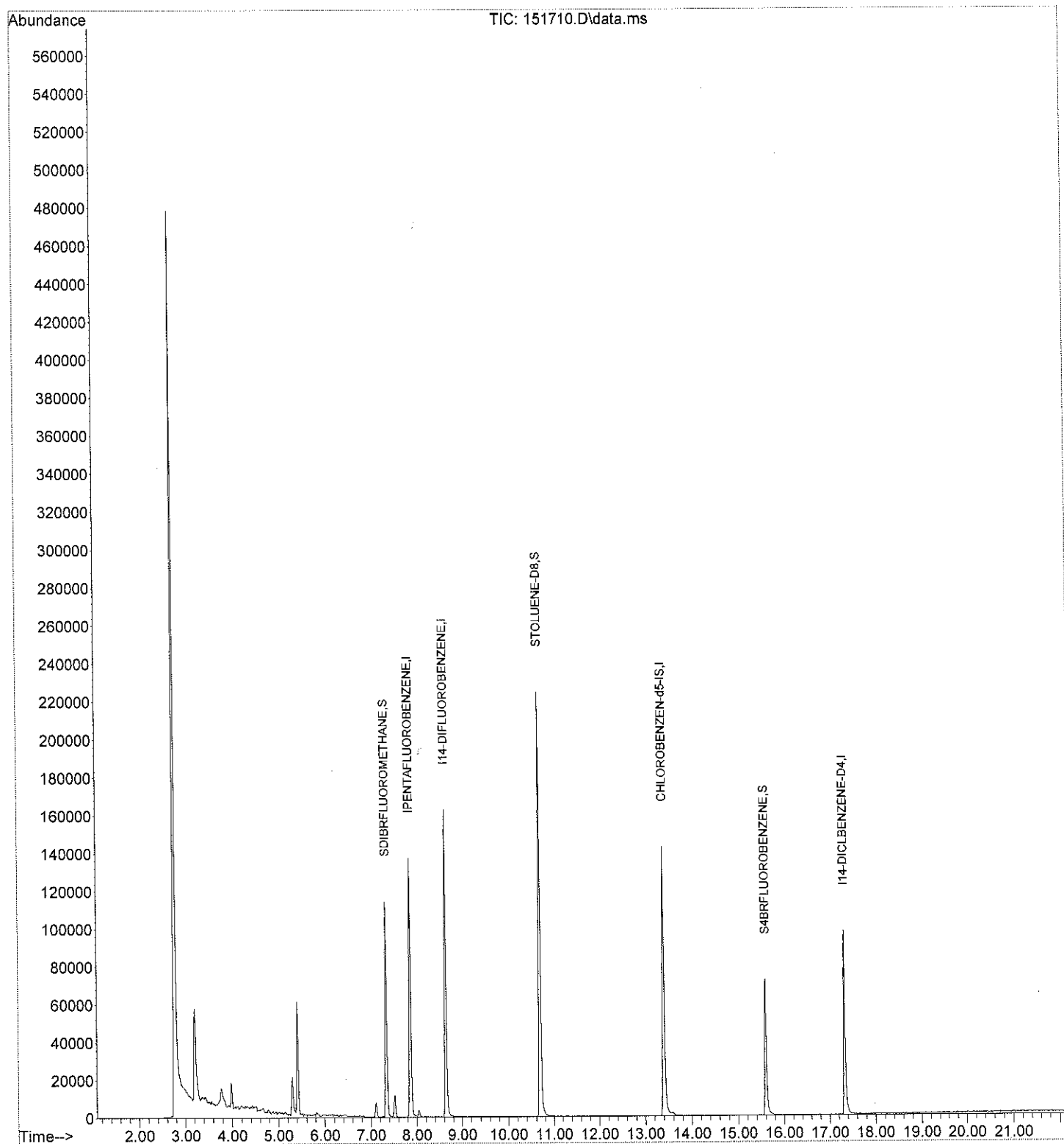
Quant Time: Aug 29 17:09:51 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151710.D
Acq On : 23 Aug 2016 8:35 pm
Operator : SEDS
Sample : TB/2539055
Misc : RUN181519
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 29 17:09:51 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151711.D
 Acq On : 23 Aug 2016 9:01 pm
 Operator : SEDS
 Sample : TB/2539056
 Misc : RUN181519
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 17:11:07 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88685	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129319	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	85386m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34512	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	61119m	19.38	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	96.90%
39) STOLUENE-D8	10.690	98	161697	20.28	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.40%
59) S4BRFLUOROBENZENE	15.594	95	33053	16.66	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	83.30%

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	3.787	94	348	N.D.		
6) CHLOROETHANE	4.163	64	554	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	4.894	142	391	N.D.		
12) CARBON DISULFIDE	4.772	76	846	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	775	N.D.		
15) TRANS12DICLETHENE	5.452	96	155	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.868	43	221	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	2583	N.D.		
22) BROMOCHLOROMETHANE	7.107	49	916	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	7.259	117	281	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.		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.772	91	235	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\181517\
Data File : 151711.D
Acq On : 23 Aug 2016 9:01 pm
Operator : SEDS
Sample : TB/2539056
Misc : RUN181519
ALS Vial : 12 Sample Multiplier: 1

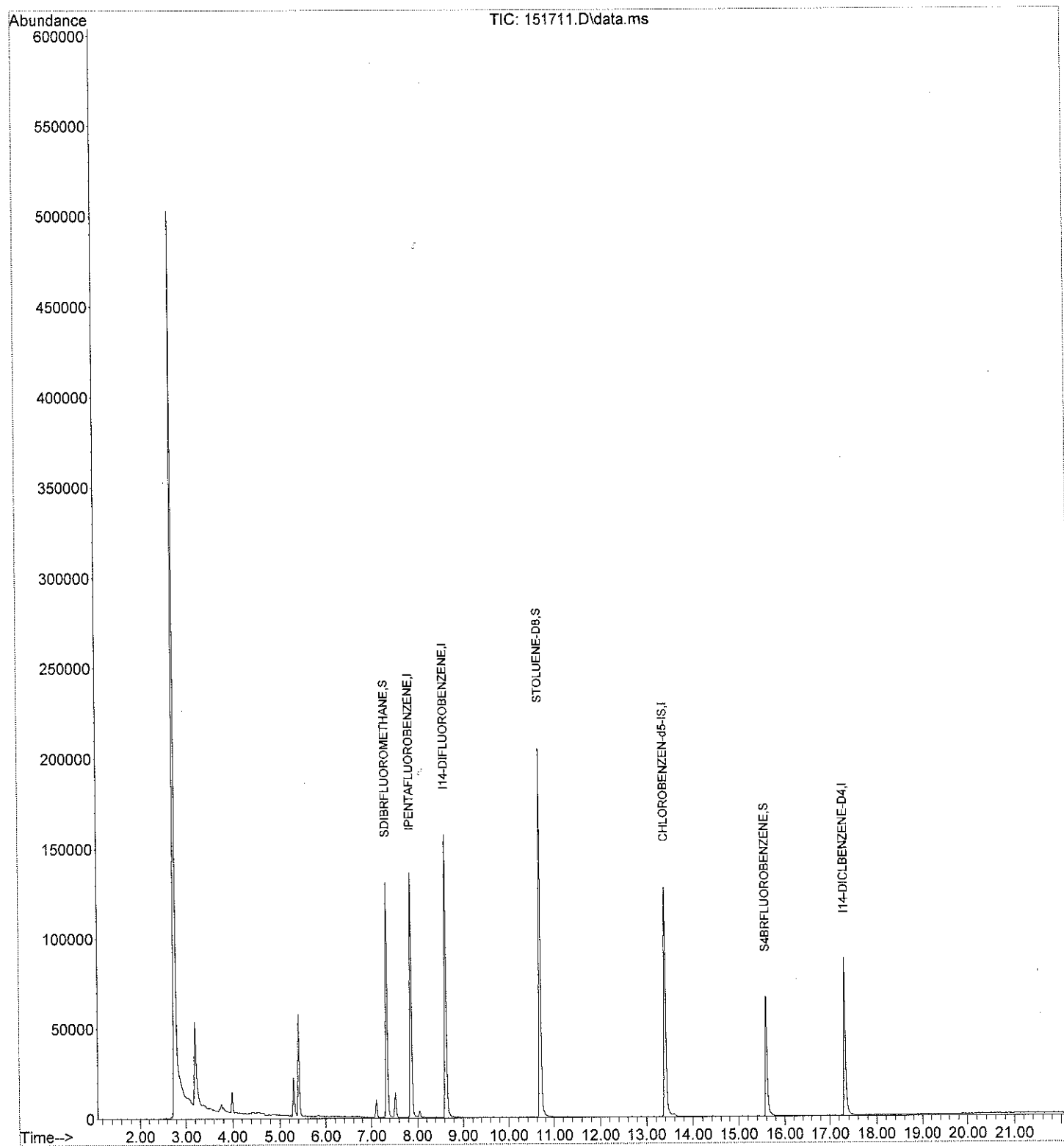
Quant Time: Aug 29 17:11:07 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151711.D
Acq On : 23 Aug 2016 9:01 pm
Operator : SEDS
Sample : TB/2539056
Misc : RUN181519
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 17:11:07 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151712.D
 Acq On : 23 Aug 2016 9:27 pm
 Operator : SEDS
 Sample : FB/2568353
 Misc : RUN181519
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 29 17:12:31 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88853	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	131470	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	85910m	20.00	µg/L	0.00
71) I14-DICL BENZENE-D4	17.330	152	35190	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	60227m	18.79	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	93.95%
39) STOLUENE-D8	10.690	98	161128	19.87	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.35%
59) S4BRFLUOROBENZENE	15.604	95	32787	16.43	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.15%

Target Compounds					Qvalue
2) DICL DIFLUOROMETHANE	0.000		0	N.D.	
3) CHLOROMETHANE	0.000		0	N.D.	d
4) VINYL CHLORIDE	0.000		0	N.D.	
5) BROMOMETHANE	3.797	94	519	N.D.	
6) CHLOROETHANE	3.990	64	435	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	4.884	142	564	N.D.	
12) CARBON DISULFIDE	4.772	76	863	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	837	N.D.	
15) TRANS12DICLETHENE	5.432	96	208	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.868	43	375	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	1534	N.D.	
22) BROMOCHLOROMETHANE	7.117	49	891	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	7.259	117	147	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) BROMODICL METHANE	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	10.772	91	141	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\181517\
 Data File : 151712.D
 Acq On : 23 Aug 2016 9:27 pm
 Operator : SEDS
 Sample : FB/2568353
 Misc : RUN181519
 ALS Vial : 13 Sample Multiplier: 1

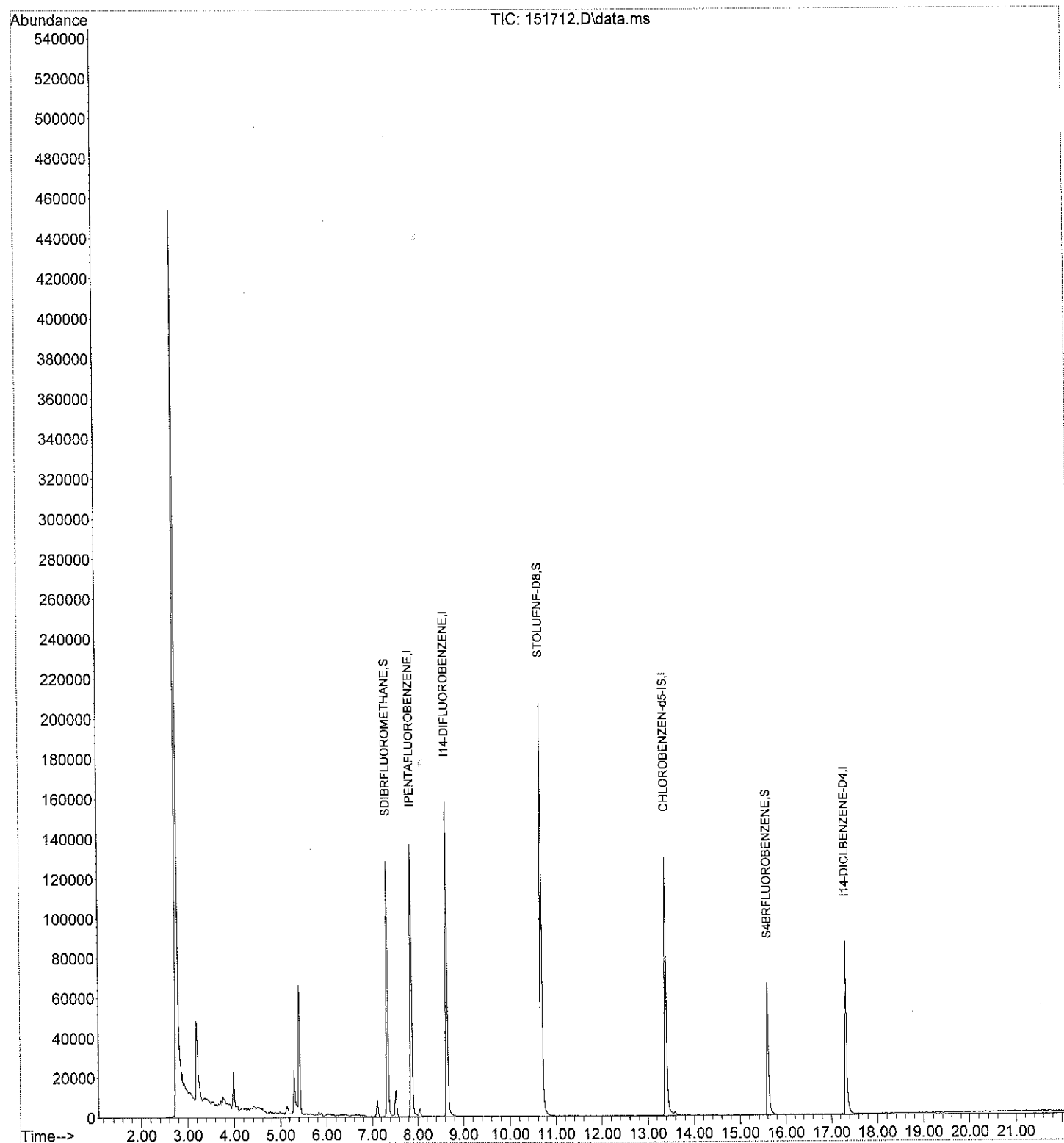
Quant Time: Aug 29 17:12:31 2016
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 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0		N.D.	
51) 1112-TETRACLETHANE	0.000		0		N.D.	
52) ETHYLBENZENE	13.391	91	63		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	0.000		0		N.D.	
63) N-PROPYLBENZENE	0.000		0		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\181517\
Data File : 151712.D
Acq On : 23 Aug 2016 9:27 pm
Operator : SEDS
Sample : FB/2568353
Misc : RUN181519
ALS Vial : 13 Sample Multiplier: 1

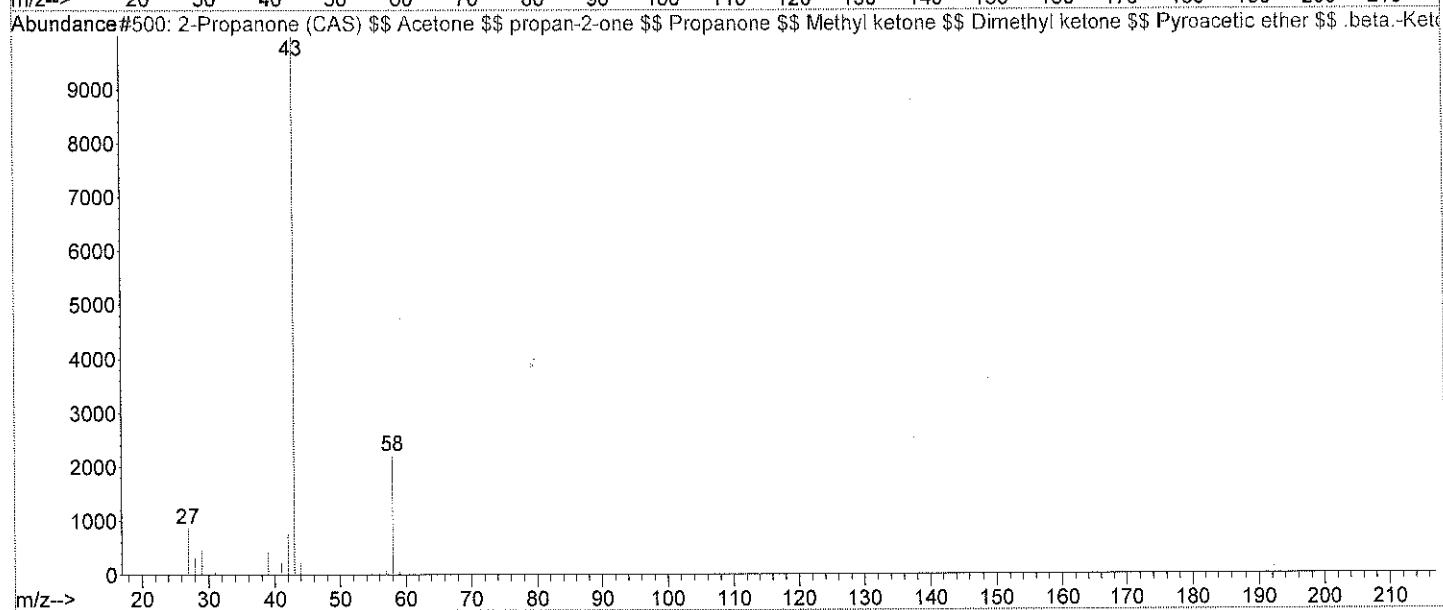
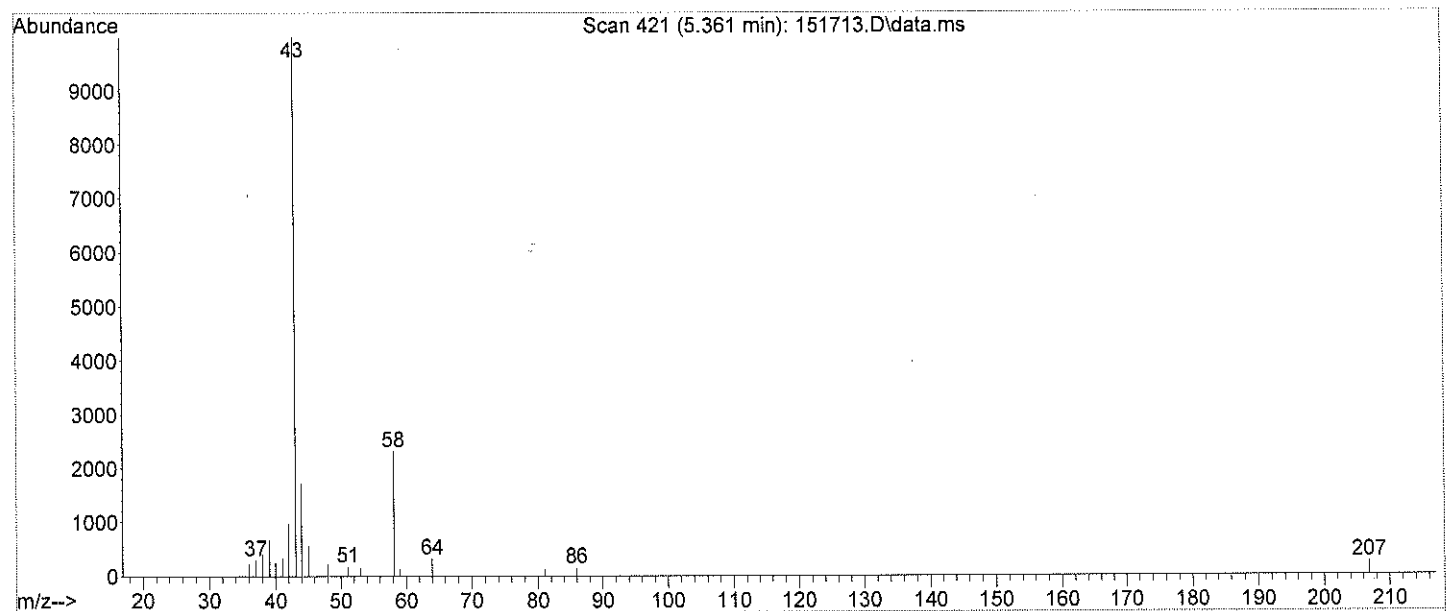
Quant Time: Aug 29 17:12:31 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



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Quality : 53

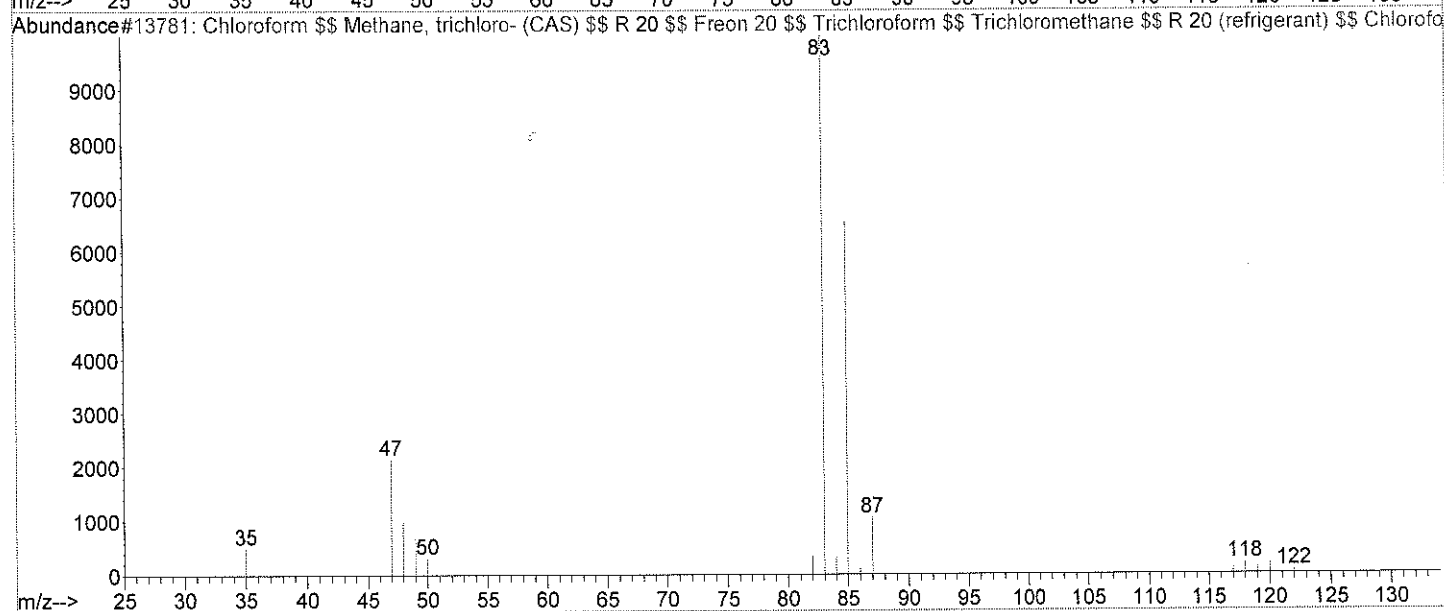
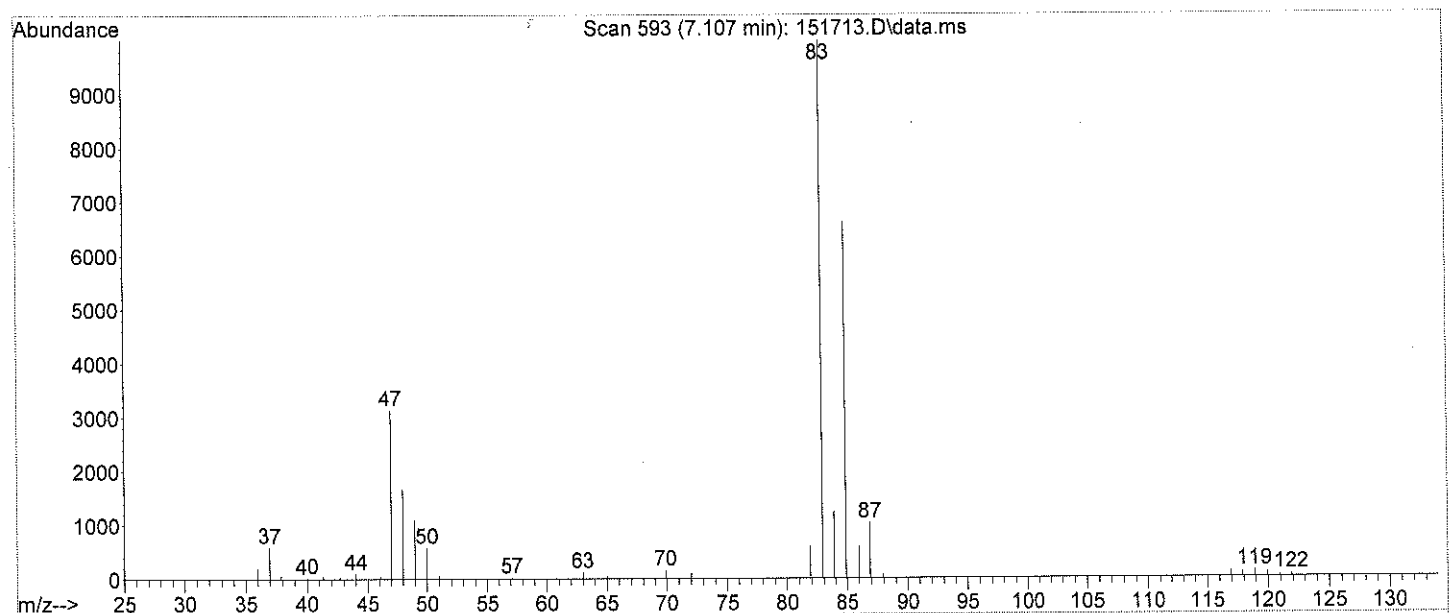
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 86

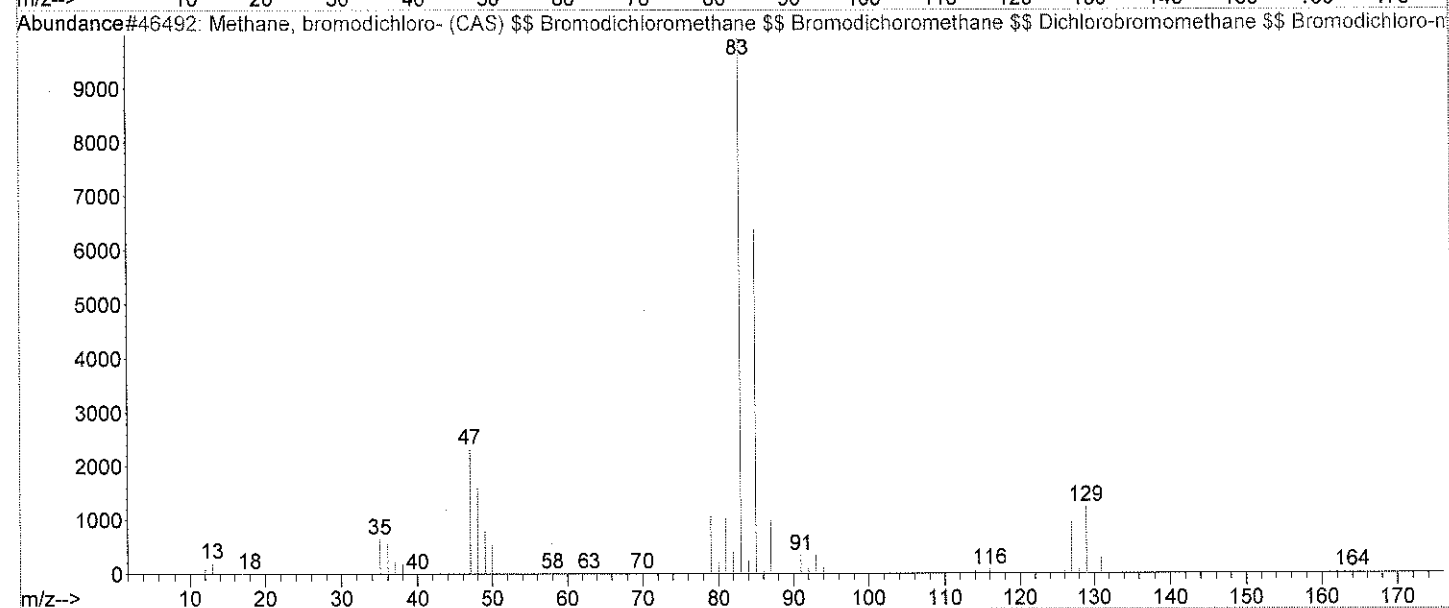
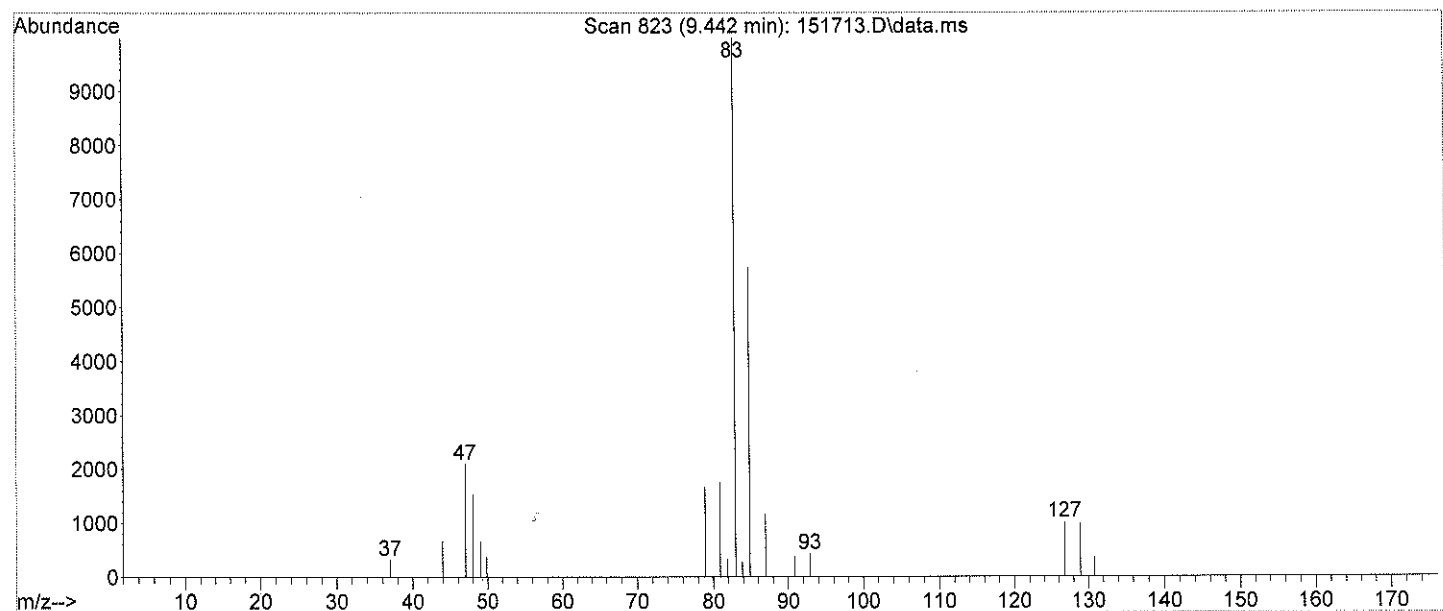
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 90

ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151713.D
 Acq On : 23 Aug 2016 9:53 pm
 Operator : SEDS
 Sample : EB/2568582
 Misc : RUN181519
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 29 17:14:34 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	91334	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	132355	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	82533m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33606	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	76590m	23.73	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	118.65%
39) STOLUENE-D8	10.690	98	158823	19.46	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	97.30%
59) S4BRFLUOROBENZENE	15.594	95	31799	16.58	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.90%

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	3.787	94	481	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	5.361	43	19101	15.95	µg/L	97
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.884	142	478	N.D.		
12) CARBON DISULFIDE	4.782	76	747	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	490	N.D.		
15) TRANS12DICLETHENE	5.442	96	201	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.503	43	65	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	93888	11.37	µg/L	# 100
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.361	42	65	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	7.259	117	109	N.D.		
30) BENZENE	7.878	78	2100	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	9.462	63	155	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	9.442	83	12136	2.16	µg/L	97
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	10.782	91	1456	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	12.041	129	700	N.D.		

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151713.D
 Acq On : 23 Aug 2016 9:53 pm
 Operator : SEDS
 Sample : EB/2568582
 Misc : RUN181519
 ALS Vial : 14 Sample Multiplier: 1

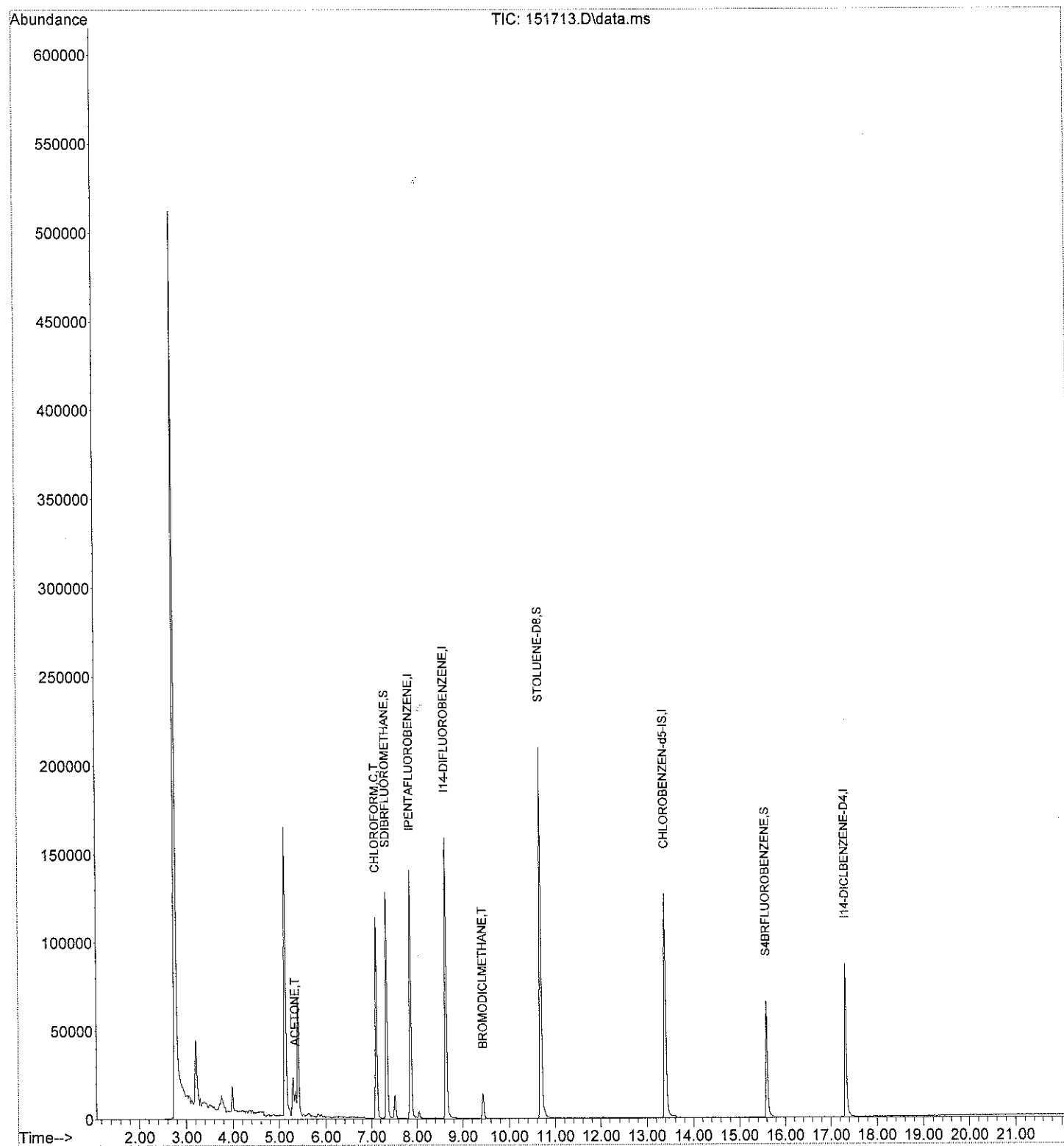
Quant Time: Aug 29 17:14:34 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	N.D.		
53) MP-XYLENE	13.706	91	147	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151713.D
Acq On : 23 Aug 2016 9:53 pm
Operator : SEDS
Sample : EB/2568582
Misc : RUN181519
ALS Vial : 14 Sample Multiplier: 1

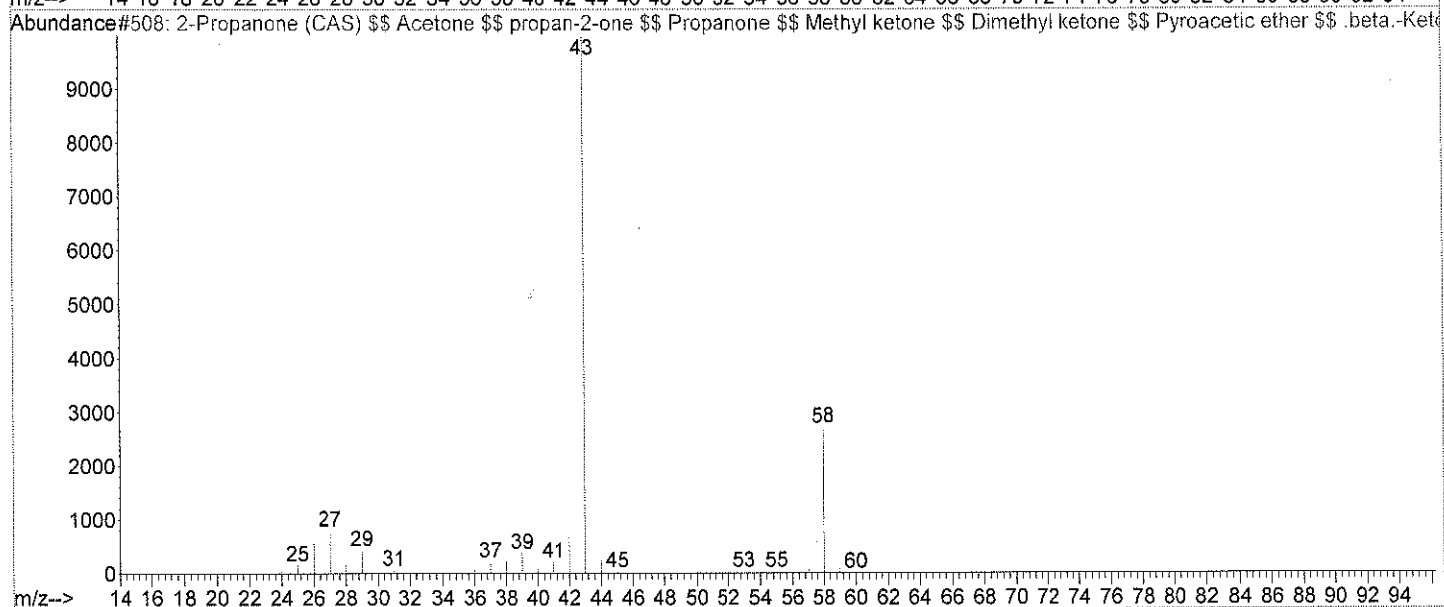
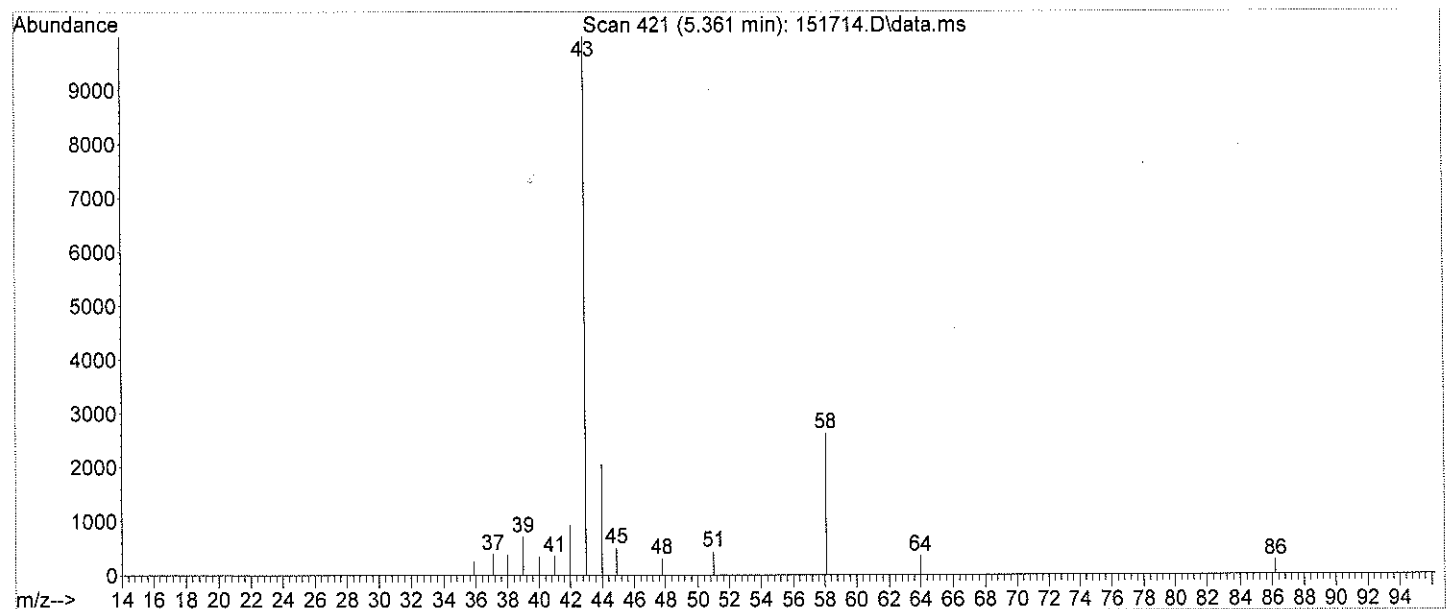
Quant Time: Aug 29 17:14:34 2016
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Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

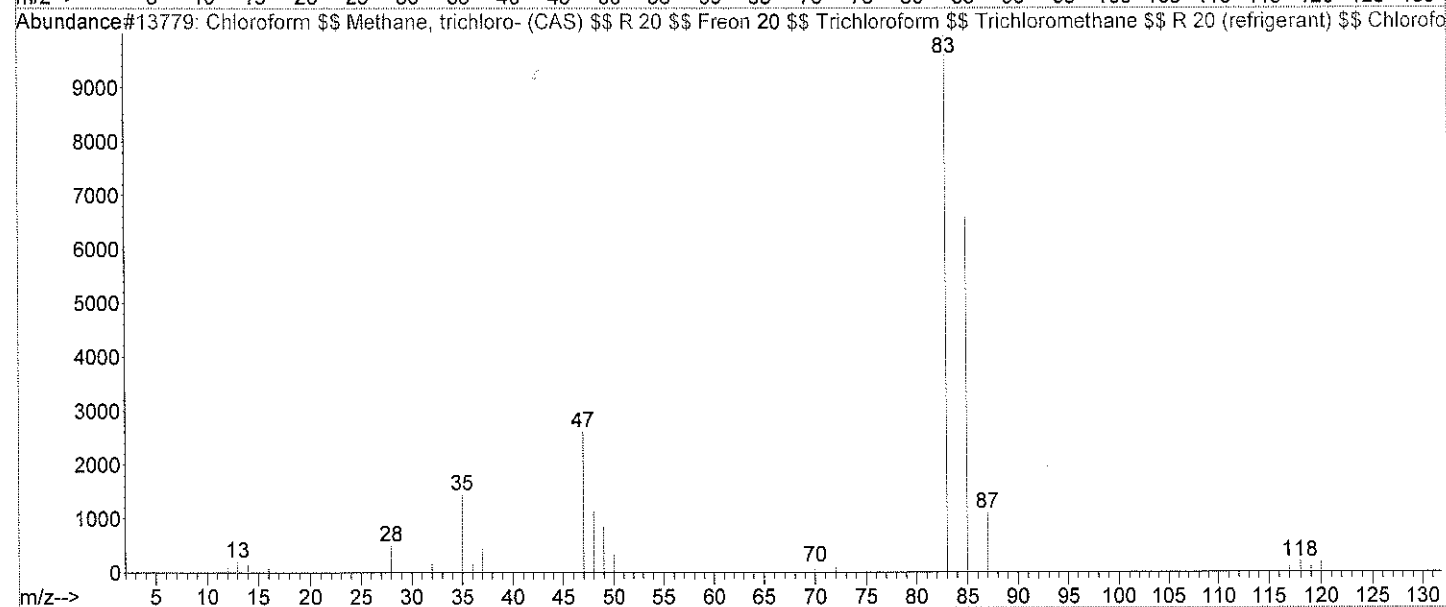
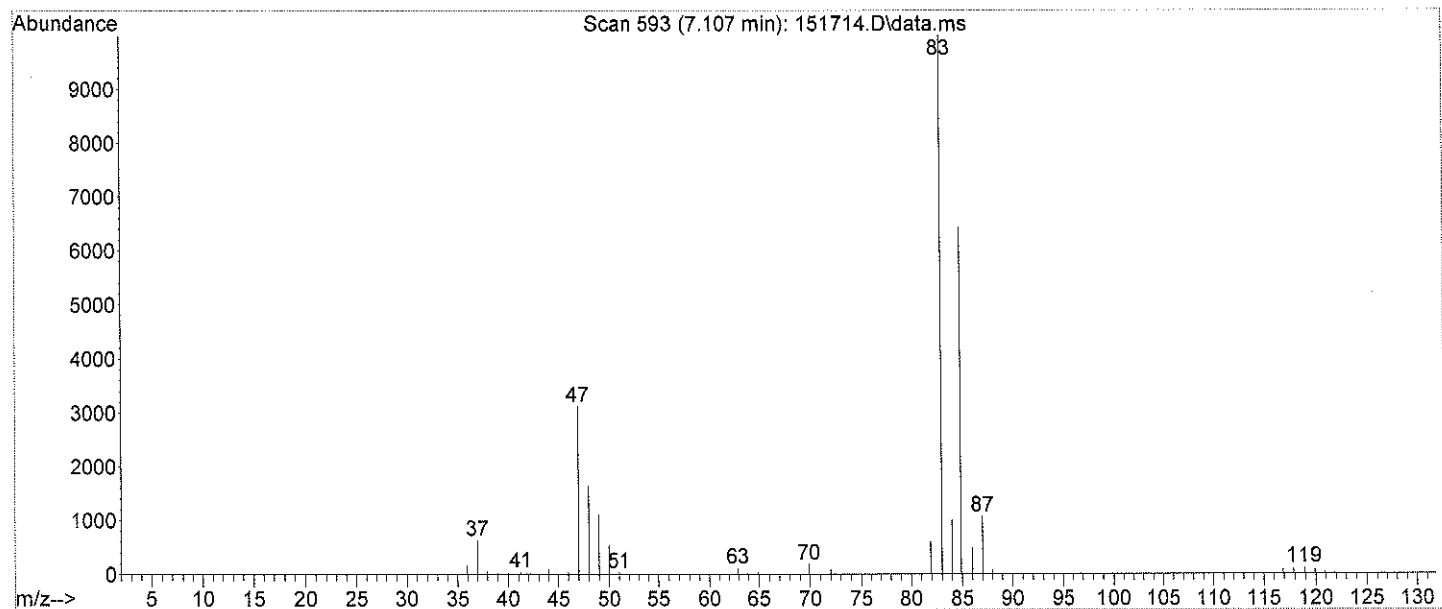
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH₃)₂CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 86

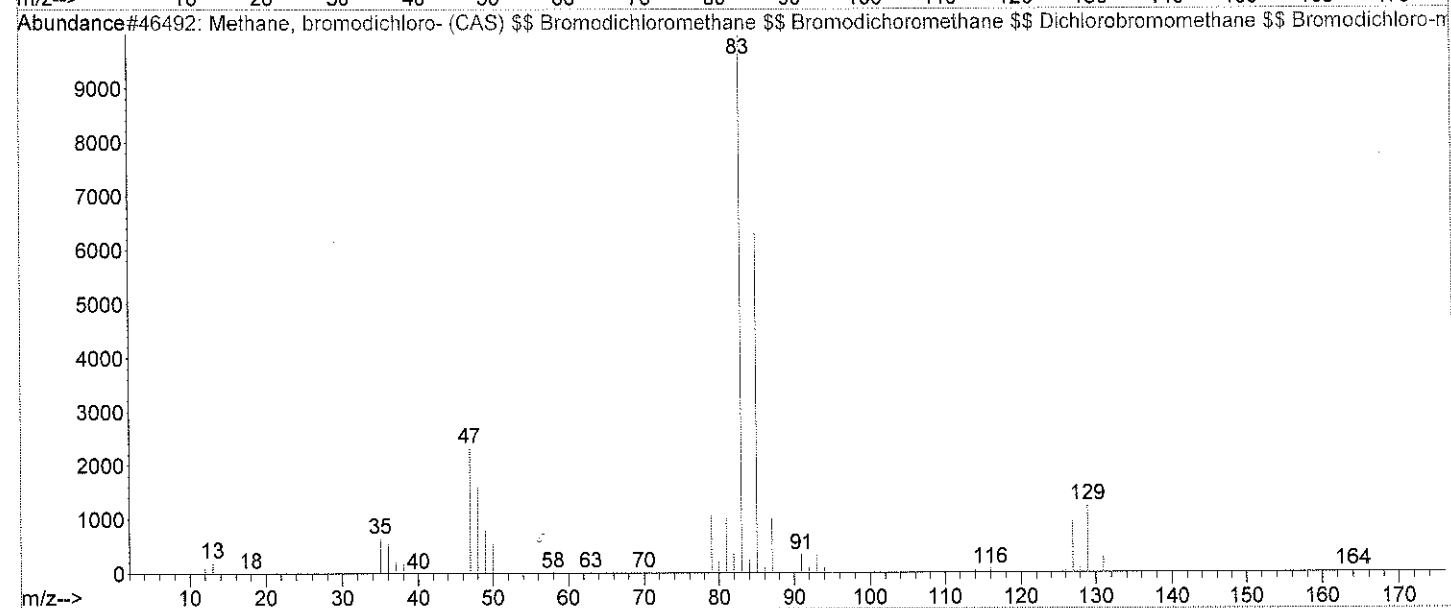
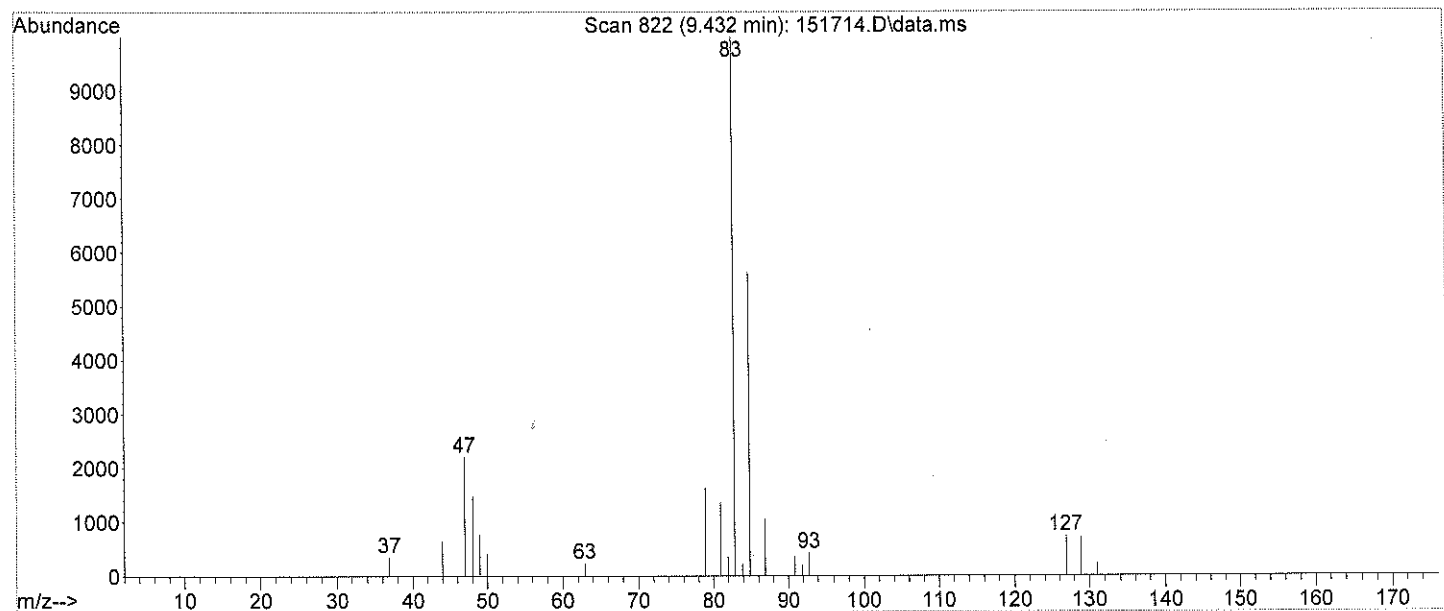
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 83

ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151714.D
 Acq On : 23 Aug 2016 10:19 pm
 Operator : SEDS
 Sample : FB/2568583
 Misc : RUN181519
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 29 17:16:47 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88548	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129785	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	84493m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33820	20.00	µg/L	0.00
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	75871m	23.98	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	119.90%
39) STOLUENE-D8	10.690	98	156910	19.61	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.05%
59) S4BRFLUOROBENZENE	15.594	95	32845	16.73	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	83.65%
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	3.797	94	459	N.D.		
6) CHLOROETHANE	4.173	64	557	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.361	43	11111	9.57	µg/L	# 98
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.884	142	245	N.D.		
12) CARBON DISULFIDE	4.782	76	818	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	746	N.D.		
15) TRANS12DICLETHENE	5.422	96	592	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.858	43	309	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	115095	14.37	µg/L	# 99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.350	42	200	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	7.259	117	172	N.D.		
30) BENZENE	7.878	78	1843	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	9.442	63	354	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	9.432	83	14391	2.61	µg/L	97
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	10.772	91	1824	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	12.051	129	780	N.D.		

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151714.D
 Acq On : 23 Aug 2016 10:19 pm
 Operator : SEDS
 Sample : FB/2568583
 Misc : RUN181519
 ALS Vial : 15 Sample Multiplier: 1

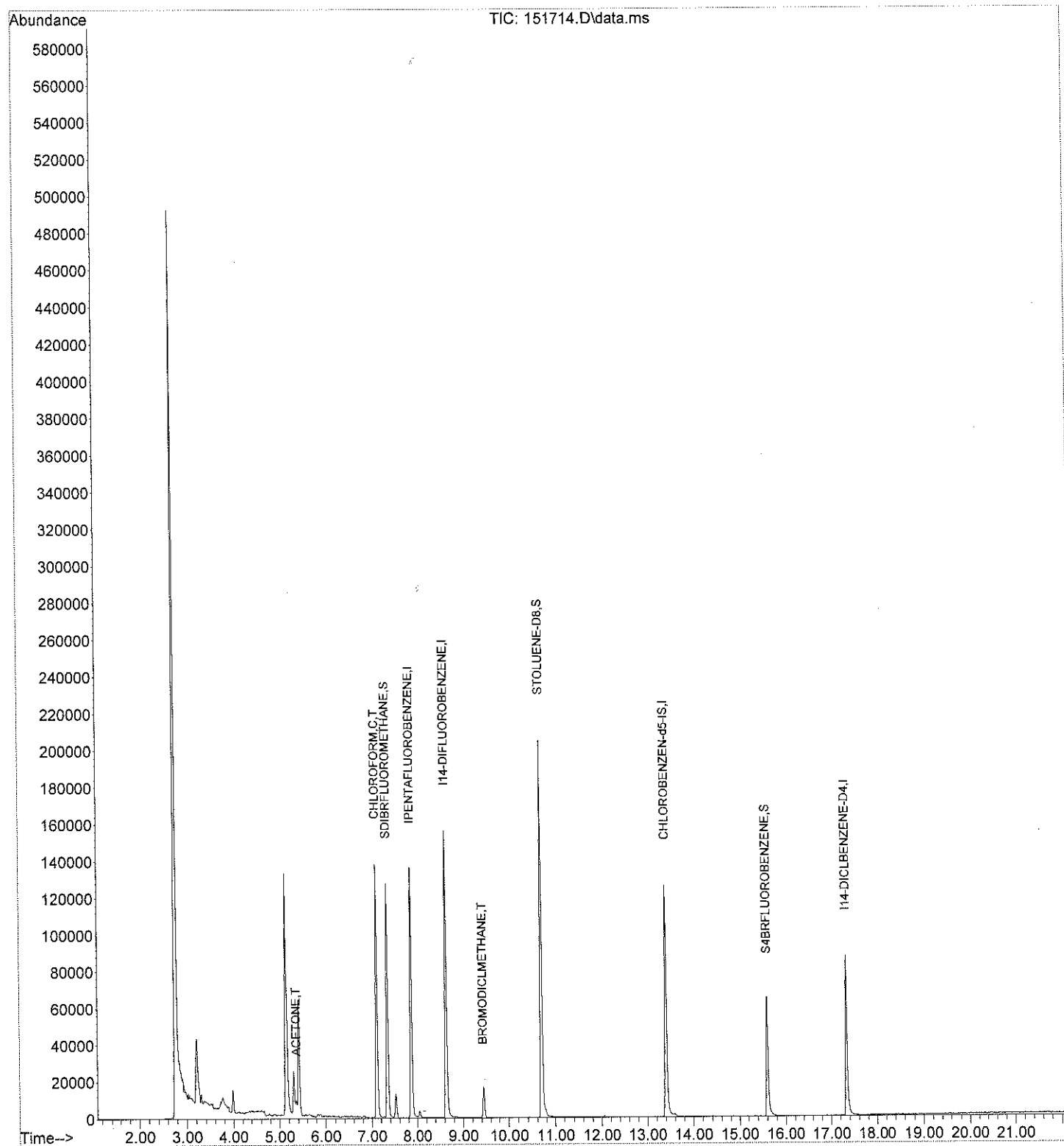
Quant Time: Aug 29 17:16:47 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.391	91	83	N.D.		
53) MP-XYLENE	13.726	91	205	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	15.584	77	70	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151714.D
Acq On : 23 Aug 2016 10:19 pm
Operator : SEDS
Sample : FB/2568583
Misc : RUN181519
ALS Vial : 15 Sample Multiplier: 1

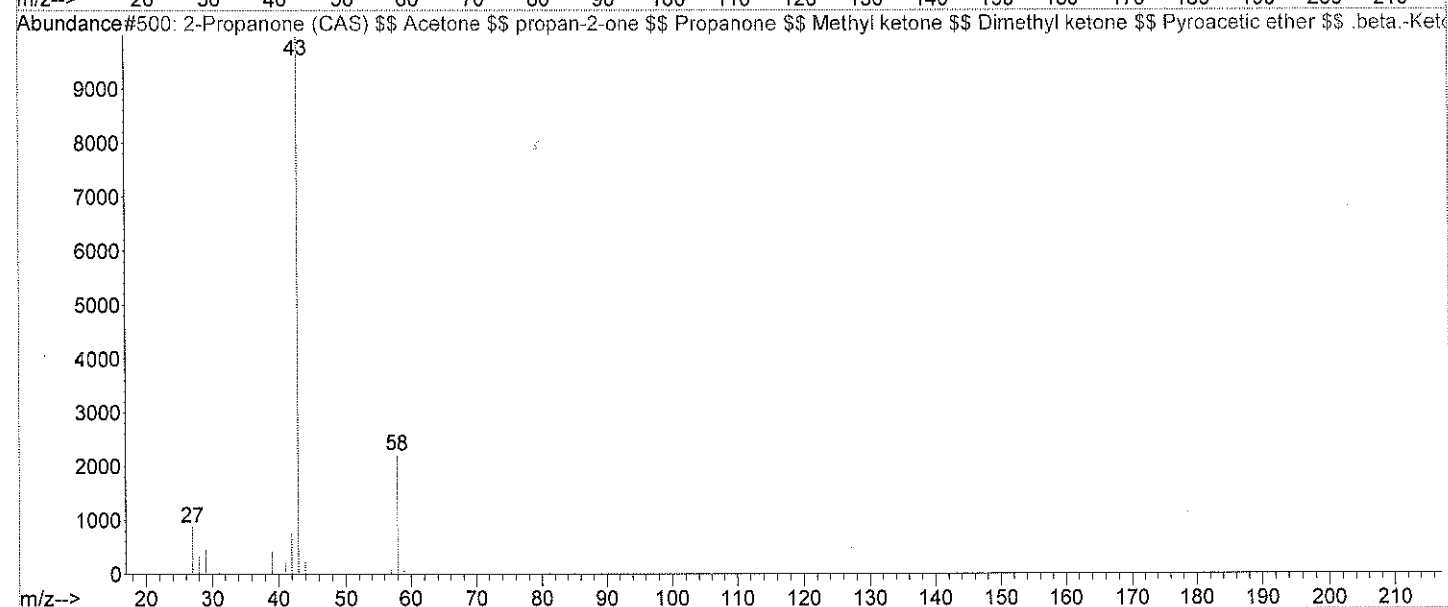
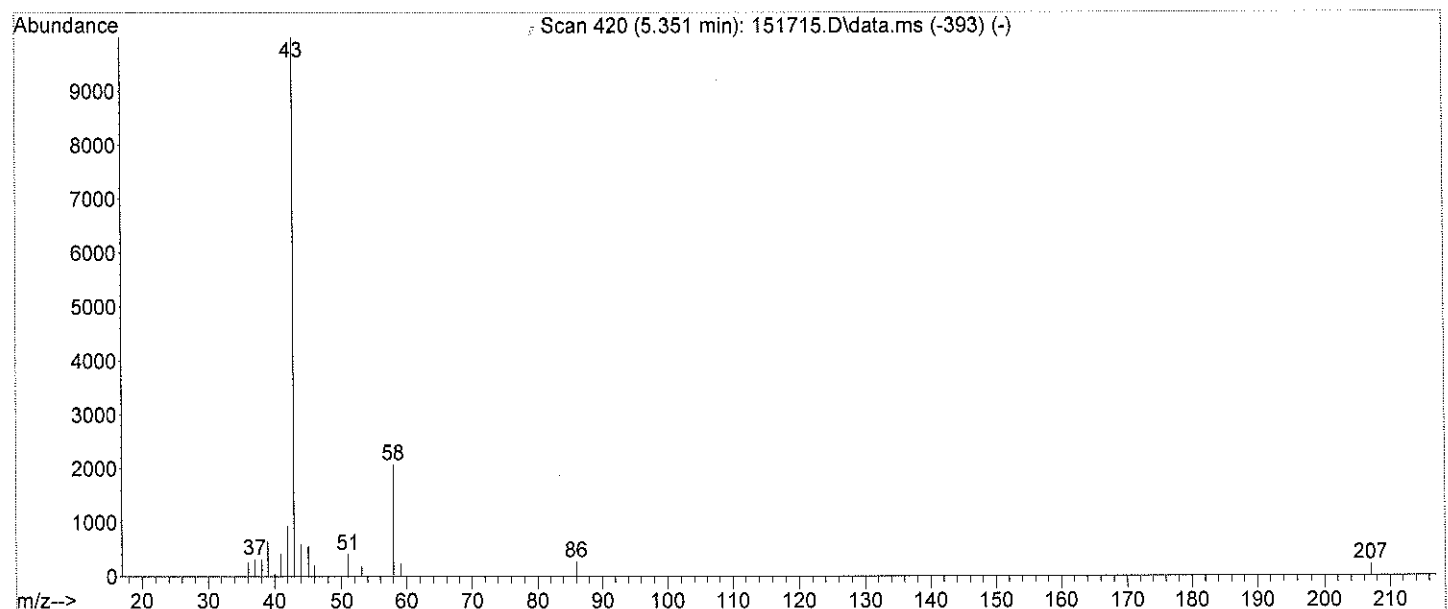
Quant Time: Aug 29 17:16:47 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 9

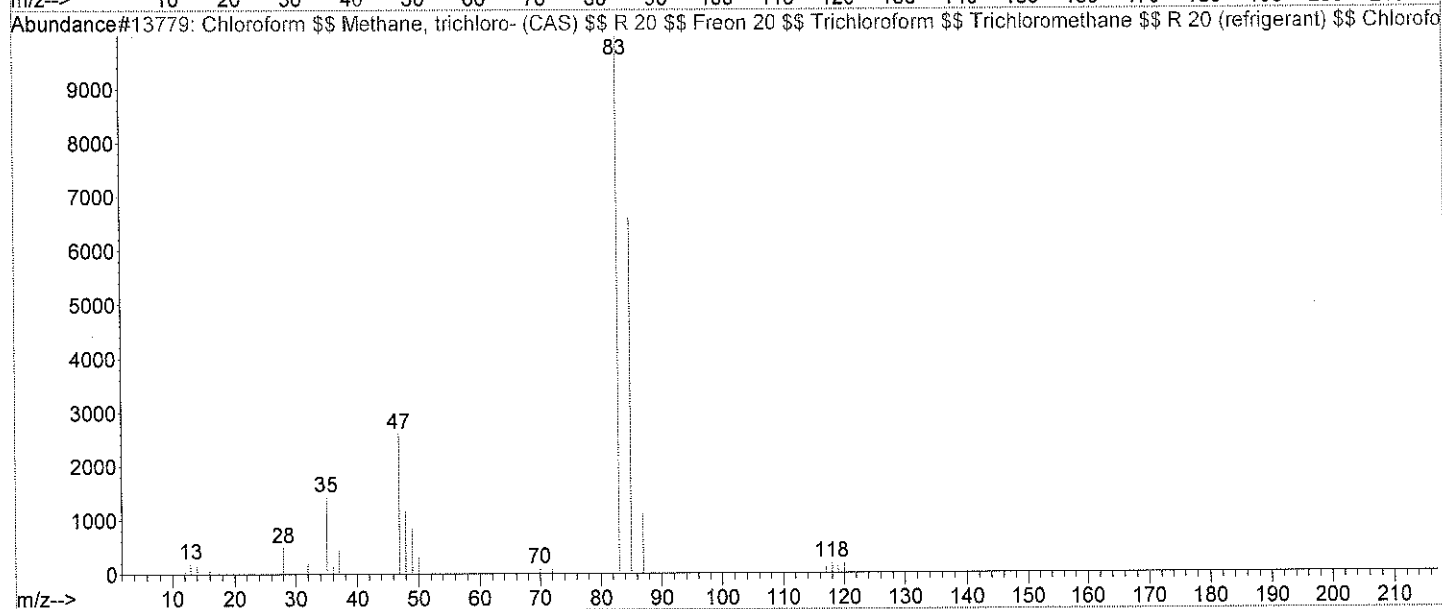
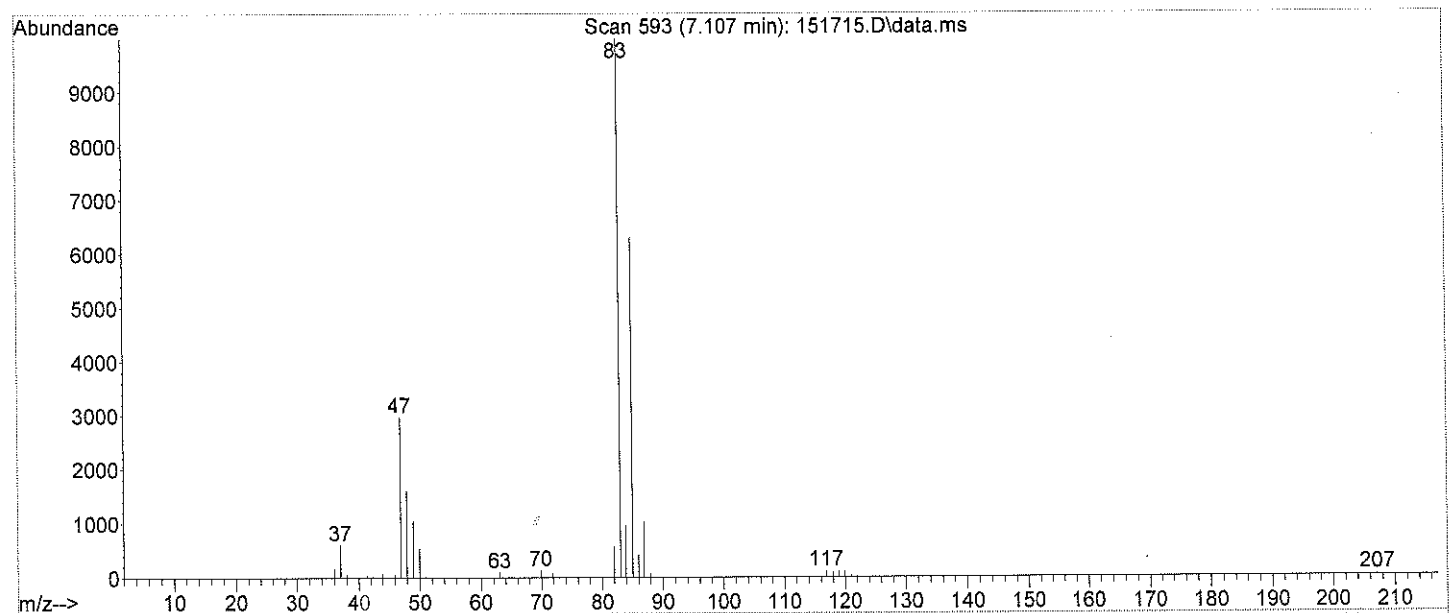
ID : 2-Propanone (CAS) \$\$ Acetone \$\$ propan-2-one \$\$ Propanone \$\$ Methyl ketone \$\$
Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH3)2CO \$\$ Allylic alcohol \$\$ Dimethylketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 78

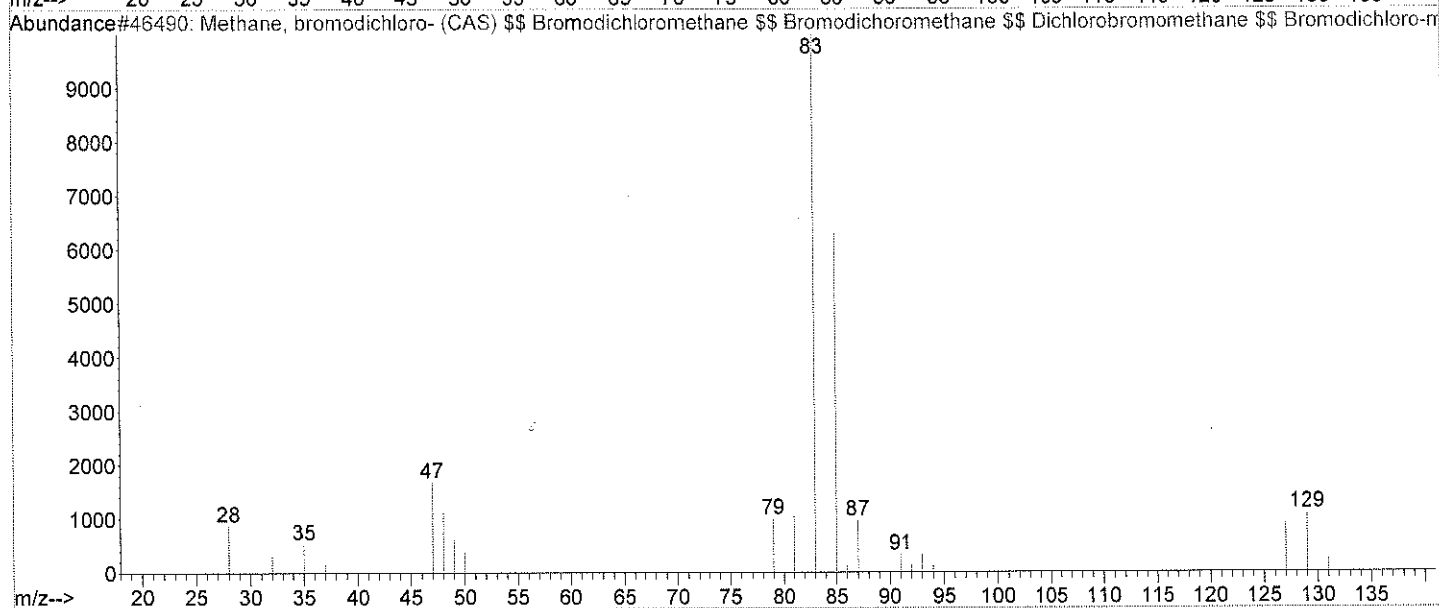
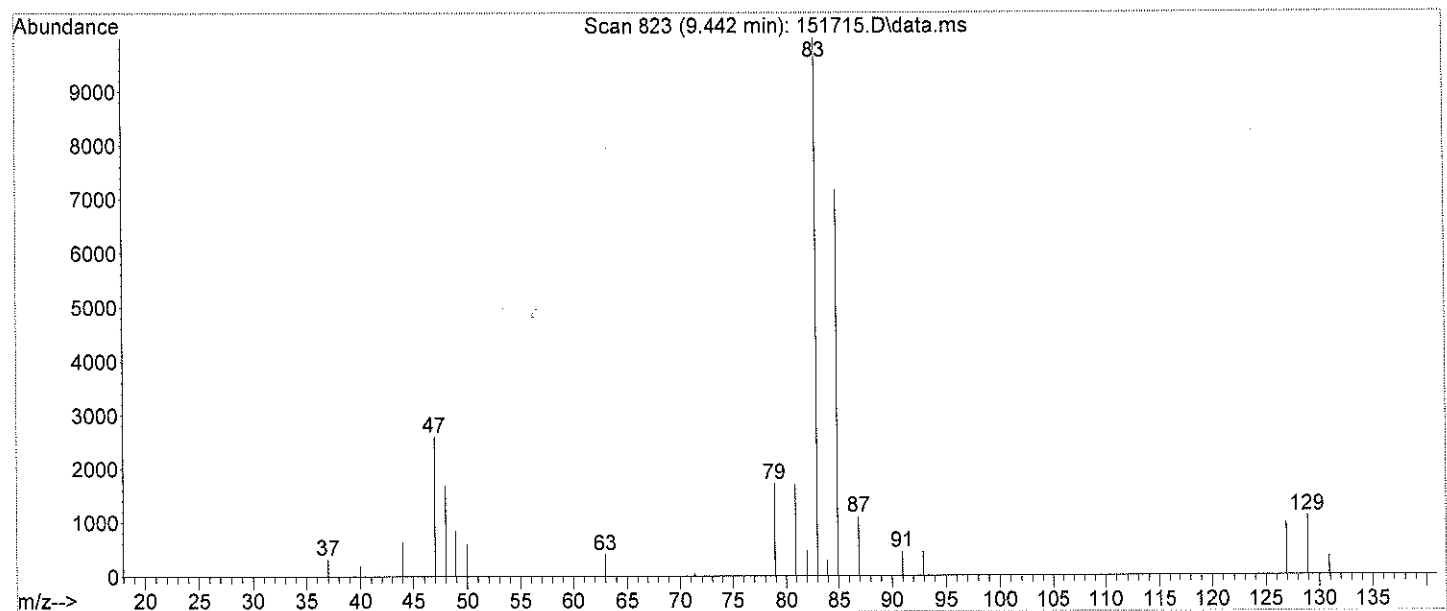
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 83

ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151715.D
 Acq On : 23 Aug 2016 10:45 pm
 Operator : SEDS
 Sample : TB/2568631
 Misc : RUN181519
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 29 17:19:12 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B, 624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	87561	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	128554	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	83676m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34912	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	84536	26.97	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 134.85%#	
39) STOLUENE-D8	10.691	98	157485	19.87	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.35%	
59) S4BRFLUOROBENZENE	15.594	95	32070	16.49	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 82.45%	

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	3.787	94	415	N.D.		
6) CHLOROETHANE	4.143	64	541	N.D.		
7) TRICLFLUOROMETHANE	0.000		0	N.D.		
8) ACROLEIN	0.000		0	N.D.		
9) ACETONE	5.351	43	14998	13.06	µg/L	98
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.884	142	373	N.D.		
12) CARBON DISULFIDE	4.772	76	917	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	681	N.D.		
15) TRANS12DICLETHENE	5.503	96	75	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.533	43	135	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	6.823	77	76	N.D.		
21) CHLOROFORM	7.107	83	128352	16.21	µg/L	# 98
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.361	42	68	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	7.249	117	61	N.D.		
30) BENZENE	7.878	78	1629	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	9.442	63	486	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	9.442	83	14611	2.68	µg/L	95
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	10.772	91	2051	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	12.051	129	838	N.D.		

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151715.D
 Acq On : 23 Aug 2016 10:45 pm
 Operator : SEDS
 Sample : TB/2568631
 Misc : RUN181519
 ALS Vial : 16 Sample Multiplier: 1

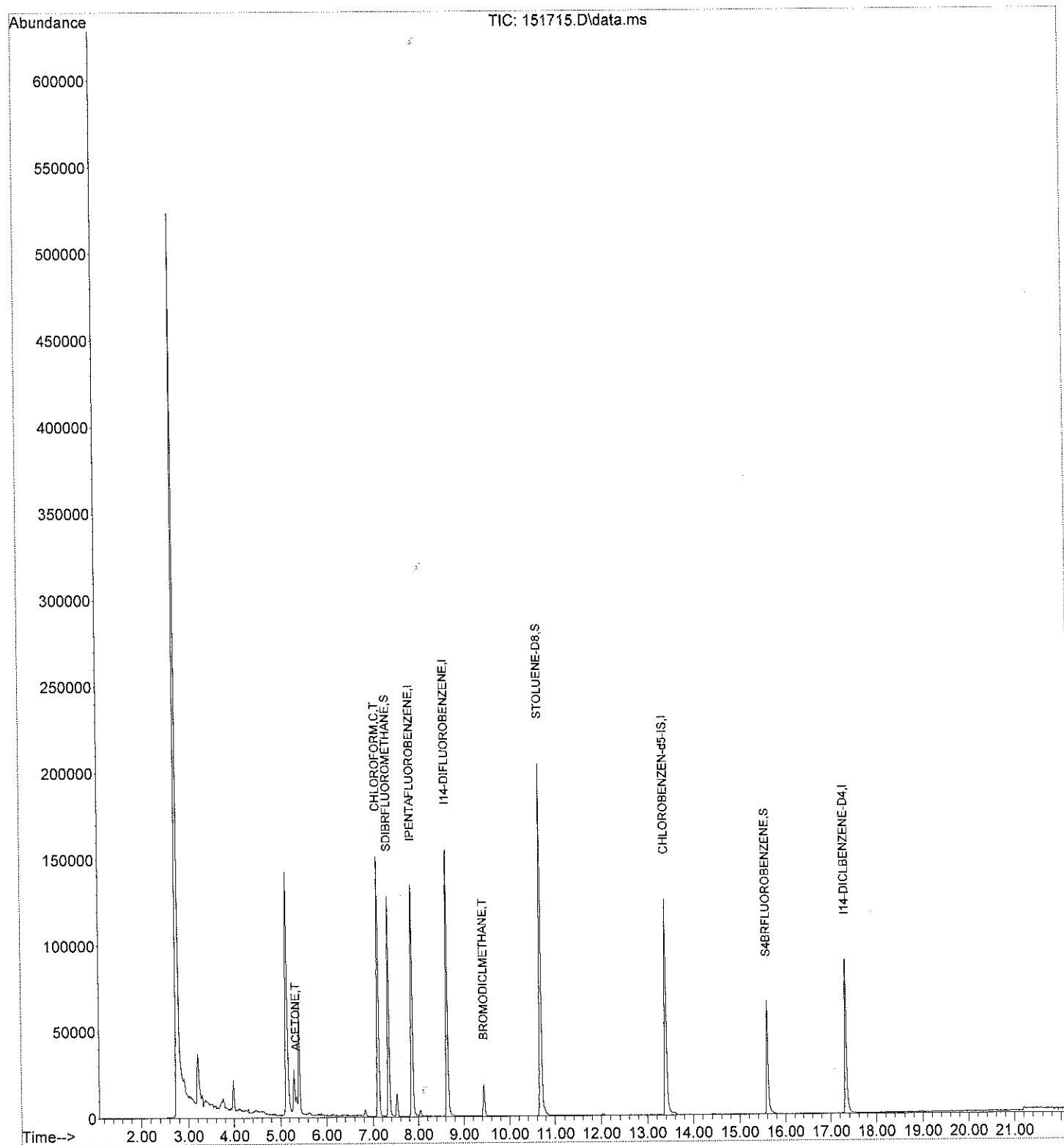
Quant Time: Aug 29 17:19:12 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	83	N.D.		
53) MP-XYLENE	13.716	91	280	N.D.		
54) STYRENE	0.000		0	N.D.		
55) O-XYLENE	14.569	91	65	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151715.D
Acq On : 23 Aug 2016 10:45 pm
Operator : SEDS
Sample : TB/2568631
Misc : RUN181519
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 29 17:19:12 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151716.D
 Acq On : 23 Aug 2016 11:10 pm
 Operator : SEDS
 Sample : TB/2568355
 Misc : RUN181519
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 29 17:20:08 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	86671	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129258	20.00	µg/L	0.00
48) CHLOROBENZEN-d5-IS	13.401	117	84032m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34044	20.00	µg/L	0.00
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	74030m	23.49	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	=	117.45%	
39) STOLUENE-D8	10.690	98	157496	19.76	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	=	98.80%	
59) S4BRFLUOROBENZENE	15.594	95	31563	16.17	µg/L	-0.01
Spiked Amount	20.000	Range 80 - 120	Recovery	=	80.85%	
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	3.797	94	475	N.D.		
6) CHLOROETHANE	3.909	64	521	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	4.884	142	279	N.D.		
12) CARBON DISULFIDE	4.782	76	519	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	1333	N.D.		
15) TRANS12DICLETHENE	5.422	96	994	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.858	43	278	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	1500	N.D.		
22) BROMOCHLOROMETHANE	7.107	49	817	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	7.259	117	161	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	10.680	57	129	N.D.		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.782	91	82	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\181517\
 Data File : 151716.D
 Acq On : 23 Aug 2016 11:10 pm
 Operator : SEDS
 Sample : TB/2568355
 Misc : RUN181519
 ALS Vial : 17 Sample Multiplier: 1

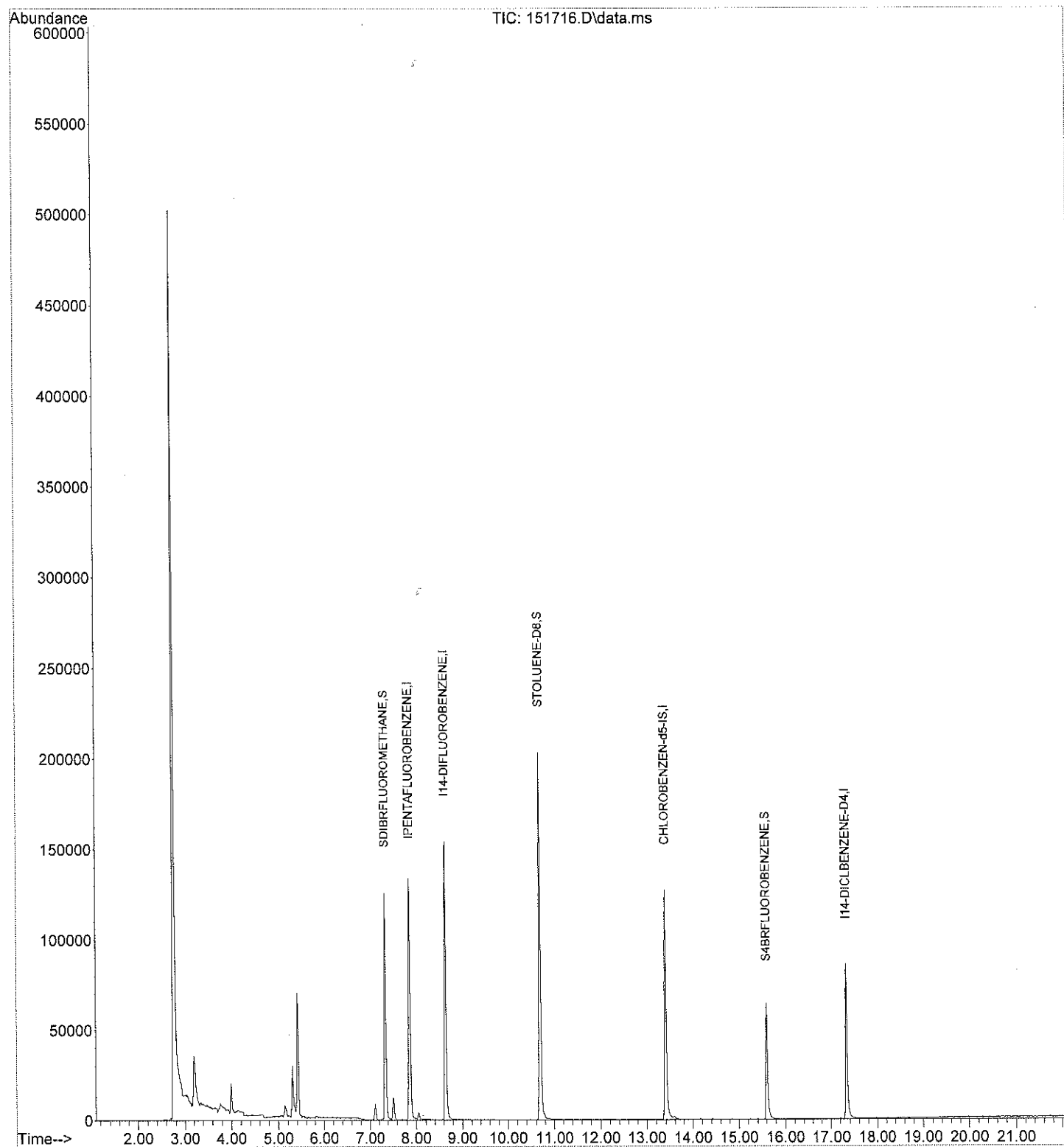
Quant Time: Aug 29 17:20:08 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151716.D
Acq On : 23 Aug 2016 11:10 pm
Operator : SEDS
Sample : TB/2568355
Misc : RUN181519
ALS Vial : 17 Sample Multiplier: 1

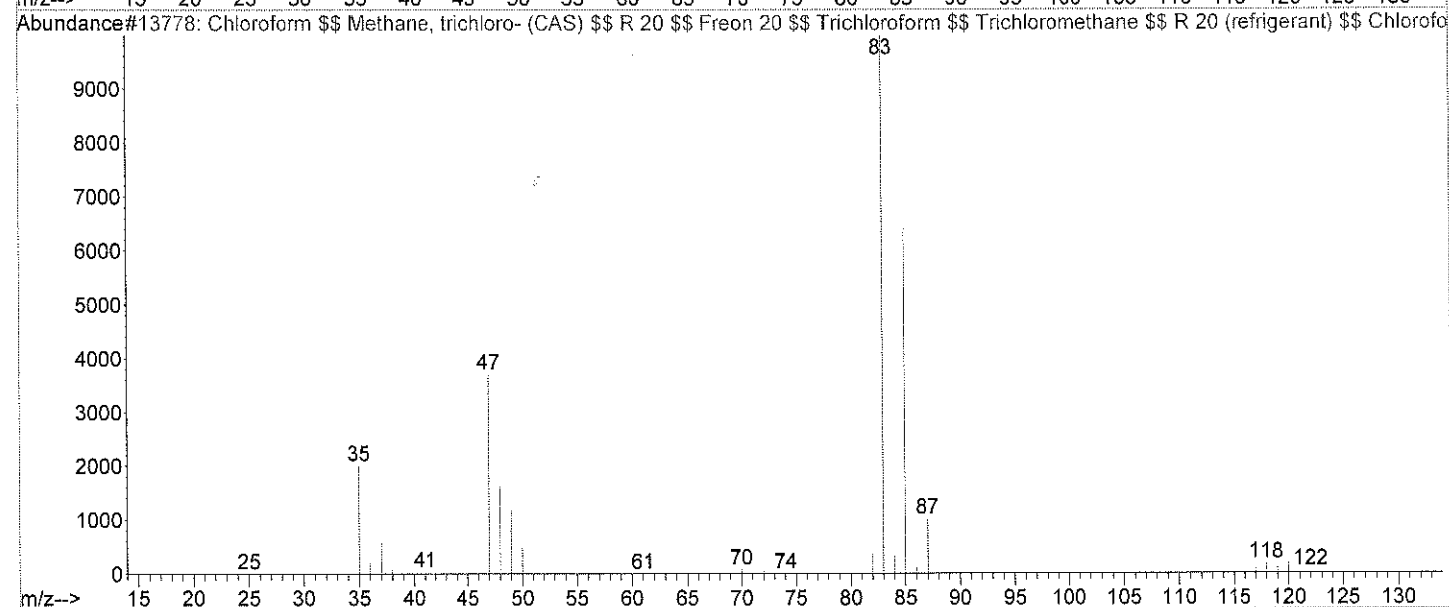
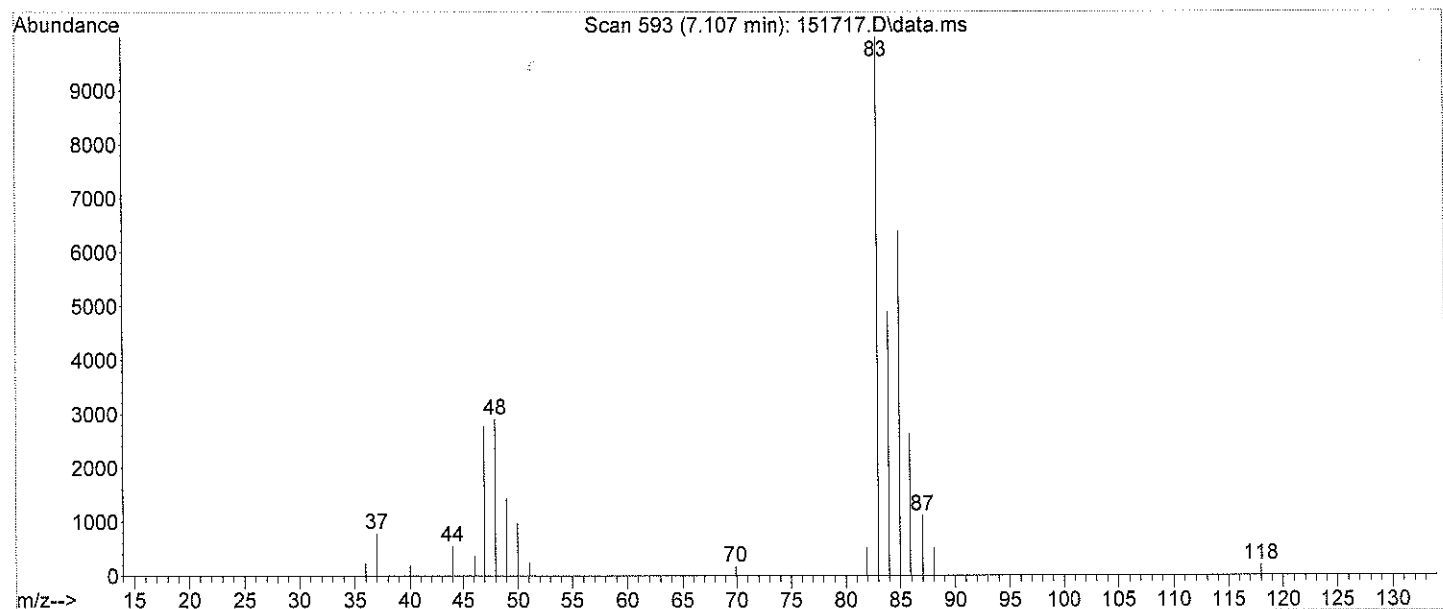
Quant Time: Aug 29 17:20:08 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 50

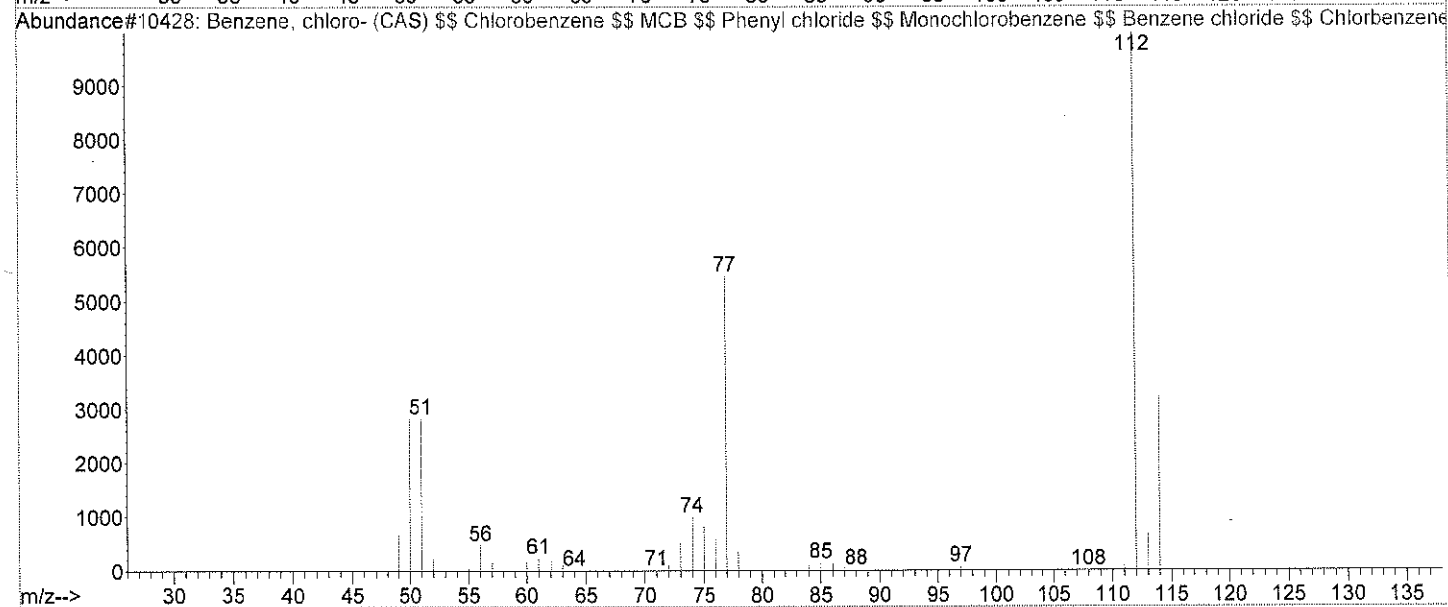
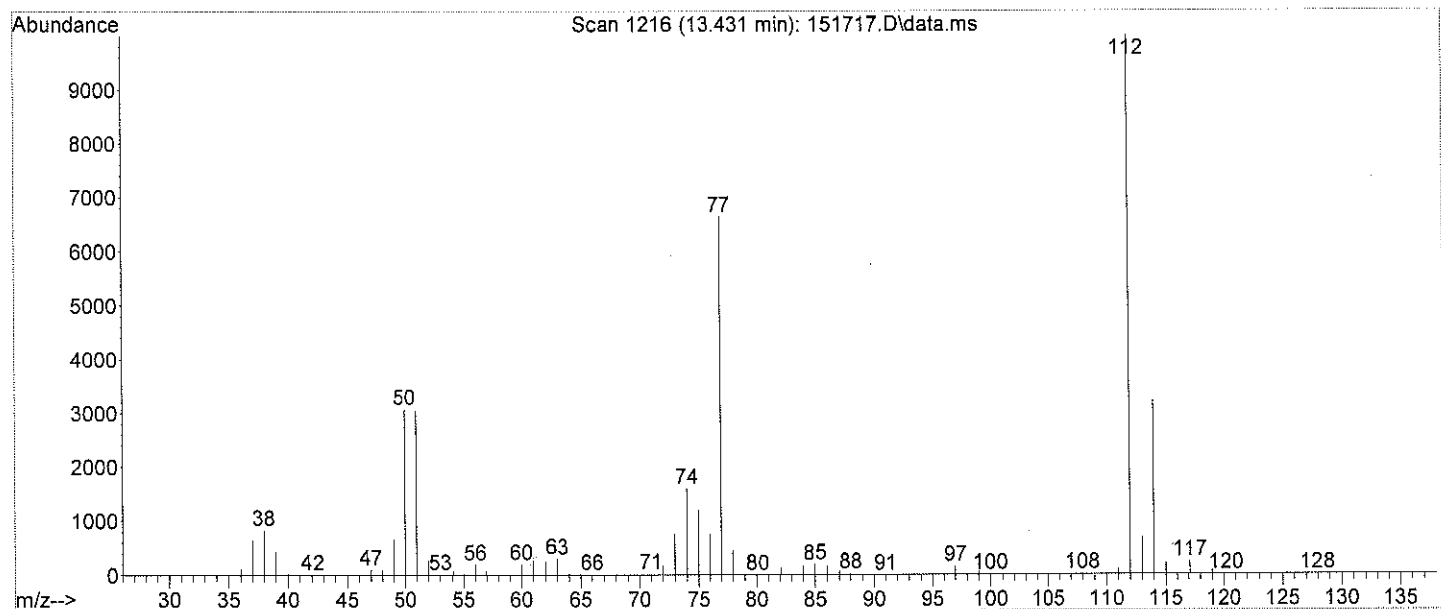
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



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



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151717.D
 Acq On : 23 Aug 2016 11:36 pm
 Operator : SEDS
 Sample : 2568356
 Misc : RUN181519
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 29 17:22:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88922	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	131713	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	121046	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	36012	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	76343m	23.77	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	118.85%
39) STOLUENE-D8	10.690	98	160678	19.78	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.90%
59) S4BRFLUOROBENZENE	15.604	95	39159m	13.92	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	69.60%#

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	3.787	94	428	N.D.		
6) CHLOROETHANE	4.051	64	908	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	4.894	142	408	N.D.		
12) CARBON DISULFIDE	4.782	76	598	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	349	N.D.		
15) TRANS12DICLETHENE	5.564	96	63	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.523	43	62	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	14089	1.75	µg/L	# 100
22) BROMOCHLOROMETHANE	7.107	49	2016	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	7.259	117	81	N.D.		
30) BENZENE	0.000		0	N.D.	d	
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	9.371	63	65	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	11.228	43	62	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.772	91	208	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\181517\
 Data File : 151717.D
 Acq On : 23 Aug 2016 11:36 pm
 Operator : SEDS
 Sample : 2568356
 Misc : RUN181519
 ALS Vial : 18 Sample Multiplier: 1

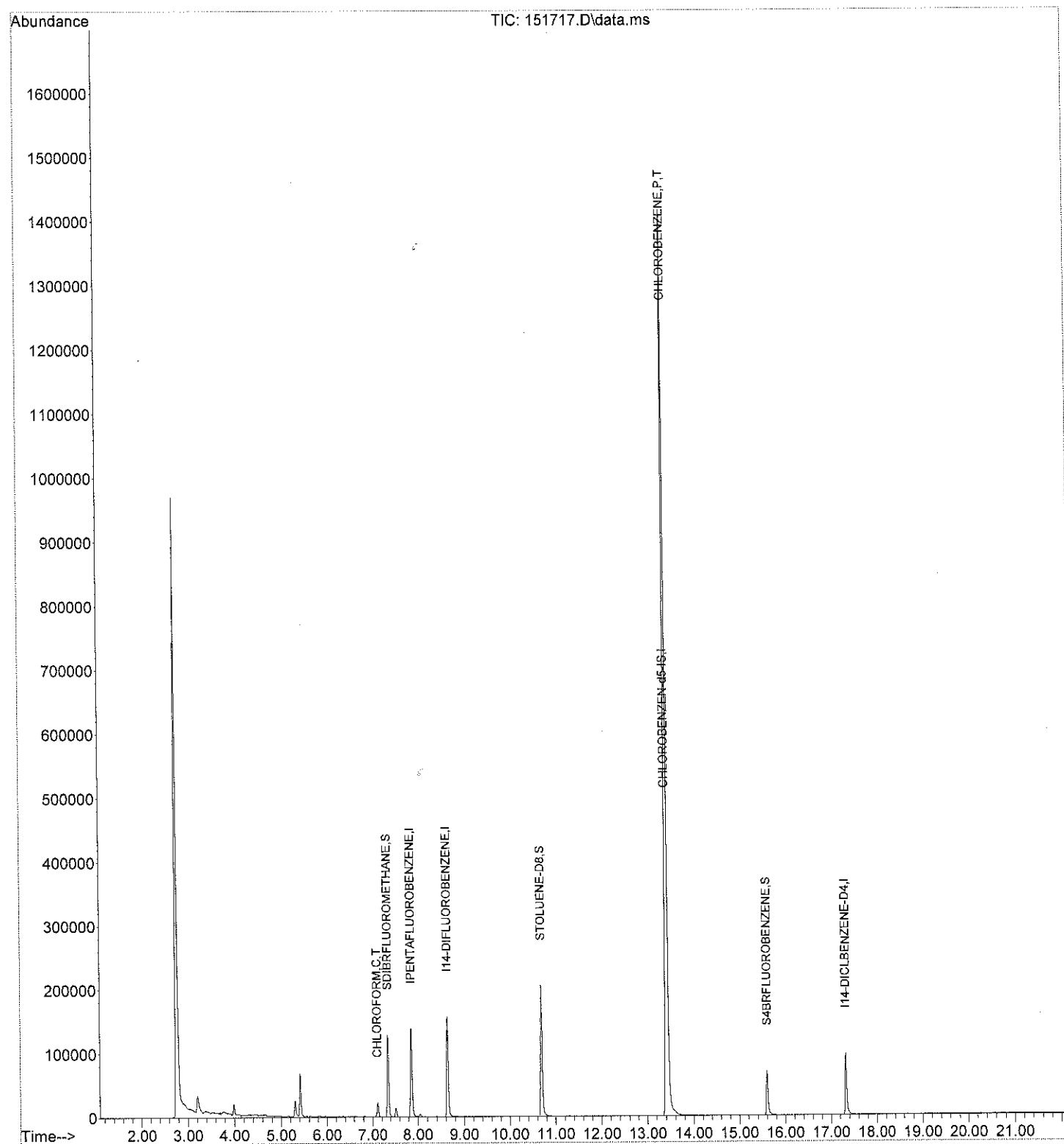
Quant Time: Aug 29 17:22:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	929235	119.77	µg/L	90
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	340	N.D.		
53) MP-XYLENE	13.705	91	74	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	15.584	77	132	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151717.D
Acq On : 23 Aug 2016 11:36 pm
Operator : SEDS
Sample : 2568356
Misc : RUN181519
ALS Vial : 18 Sample Multiplier: 1

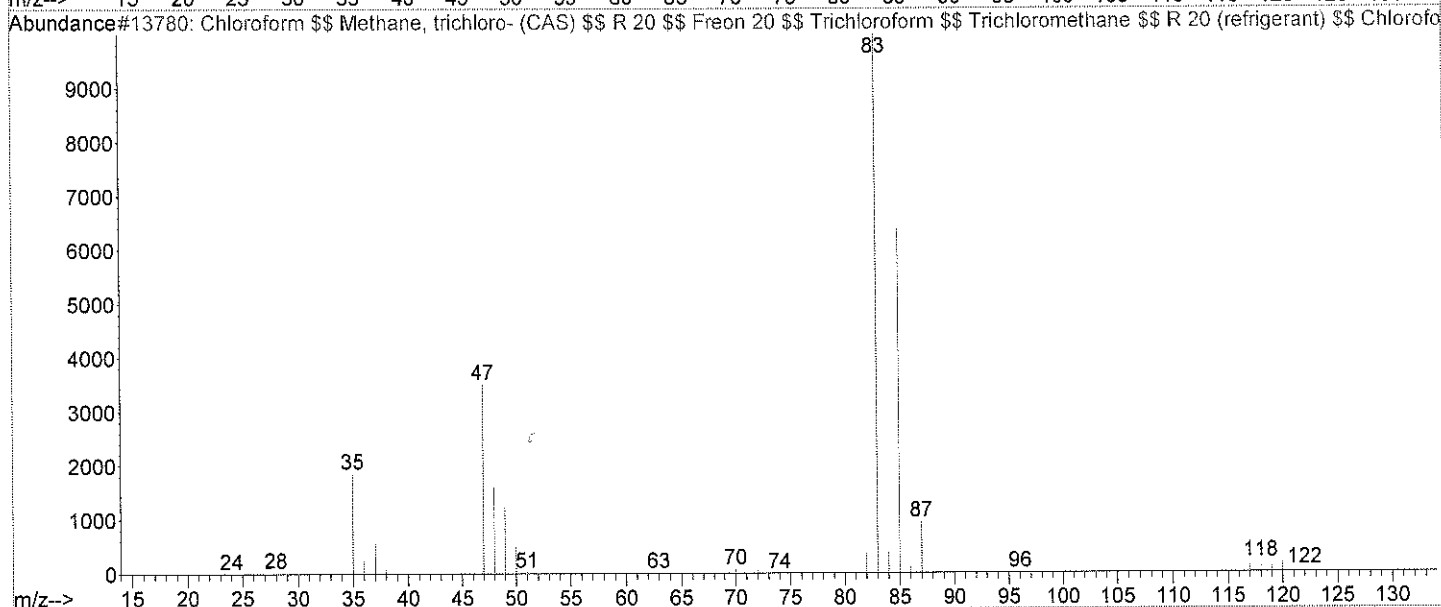
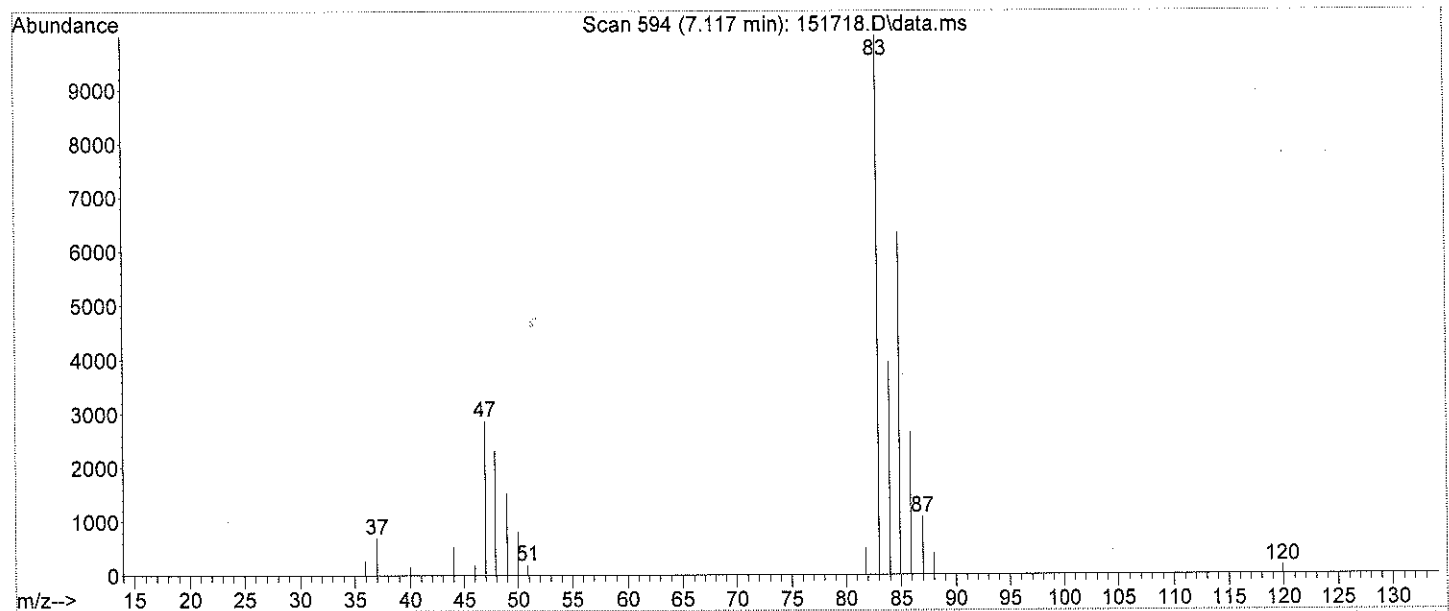
Quant Time: Aug 29 17:22:05 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 58

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 : C:\msdchem\1\DATA\181517\
 Data File : 151718.D
 Acq On : 24 Aug 2016 12:02 am
 Operator : SEDS
 Sample : 2568356DUP/2568358
 Misc : RUN181519
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 29 17:24:31 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	85069	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	126425	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	114715	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	32998	20.00	µg/L	0.00
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	62415m	20.25	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.25%
39) STOLUENE-D8	10.690	98	151204	19.39	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	96.95%
59) S4BRFLUOROBENZENE	15.594	95	31794	11.93	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	59.65%#
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	3.787	94	532	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	4.884	142	284	N.D.		
12) CARBON DISULFIDE	4.772	76	538	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	402	N.D.		
15) TRANS12DICLETHENE	5.411	96	1101	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.335	43	72	N.D.		
18) 2-BUTANONE	7.858	43	248	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.117	83	14975	1.95	µg/L	# 98
22) BROMOCHLOROMETHANE	7.117	49	2246	N.D.		
25) TETRAHYDROFURAN	7.300	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	7.259	117	71	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	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.782	91	292	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\181517\
 Data File : 151718.D
 Acq On : 24 Aug 2016 12:02 am
 Operator : SEDS
 Sample : 2568356DUP/2568358
 Misc : RUN181519
 ALS Vial : 19 Sample Multiplier: 1

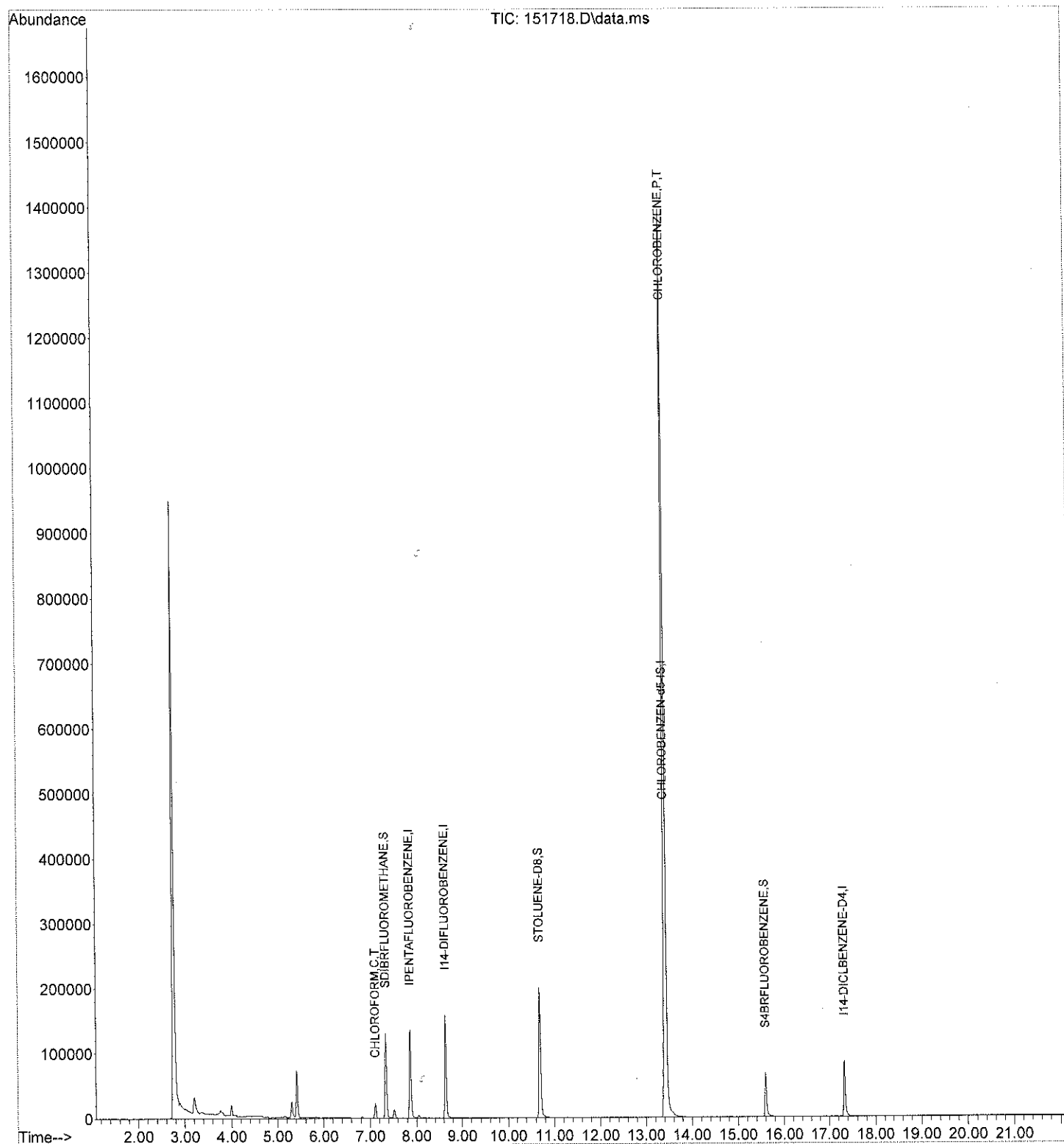
Quant Time: Aug 29 17:24:31 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	869593	118.27	µg/L	92
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.391	91	351	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	15.594	77	65	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151718.D
Acq On : 24 Aug 2016 12:02 am
Operator : SEDS
Sample : 2568356DUP/2568358
Misc : RUN181519
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 29 17:24:31 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151719.D
 Acq On : 24 Aug 2016 12:28 am
 Operator : SEDS
 Sample : LRB/2569457
 Misc : RUN181519
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 29 17:34:30 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	86412	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	127446	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	86222m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34437	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	59675m	19.21	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	96.05%
39) STOLUENE-D8	10.690	98	154970	19.72	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.60%
59) S4BRFLUOROBENZENE	15.594	95	32910	16.43	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	82.15%

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	3.787	94	609		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	4.884	142	322		N.D.	
12) CARBON DISULFIDE	4.782	76	366		N.D.	
13) ACRYLONITRILE	0.000		0		N.D.	
14) DICHLOROMETHANE	5.320	84	731		N.D.	
15) TRANS12DICLETHENE	5.411	96	807		N.D.	
16) 11-DICHLOROETHANE	0.000		0		N.D.	
17) VINYL ACETATE	0.000		0		N.D.	
18) 2-BUTANONE	7.848	43	219		N.D.	
19) CIS12DICHLOROETHENE	0.000		0		N.D.	
20) 22-DICHLOROPROPANE	0.000		0		N.D.	
21) CHLOROFORM	7.117	83	500		N.D.	
22) BROMOCHLOROMETHANE	7.107	49	806		N.D.	
25) TETRAHYDROFURAN	7.300	42	64		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	7.269	117	303		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.	
45) DIBRCHLOROMETHANE	0.000		0		N.D.	

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151719.D
 Acq On : 24 Aug 2016 12:28 am
 Operator : SEDS
 Sample : LRB/2569457
 Misc : RUN181519
 ALS Vial : 20 Sample Multiplier: 1

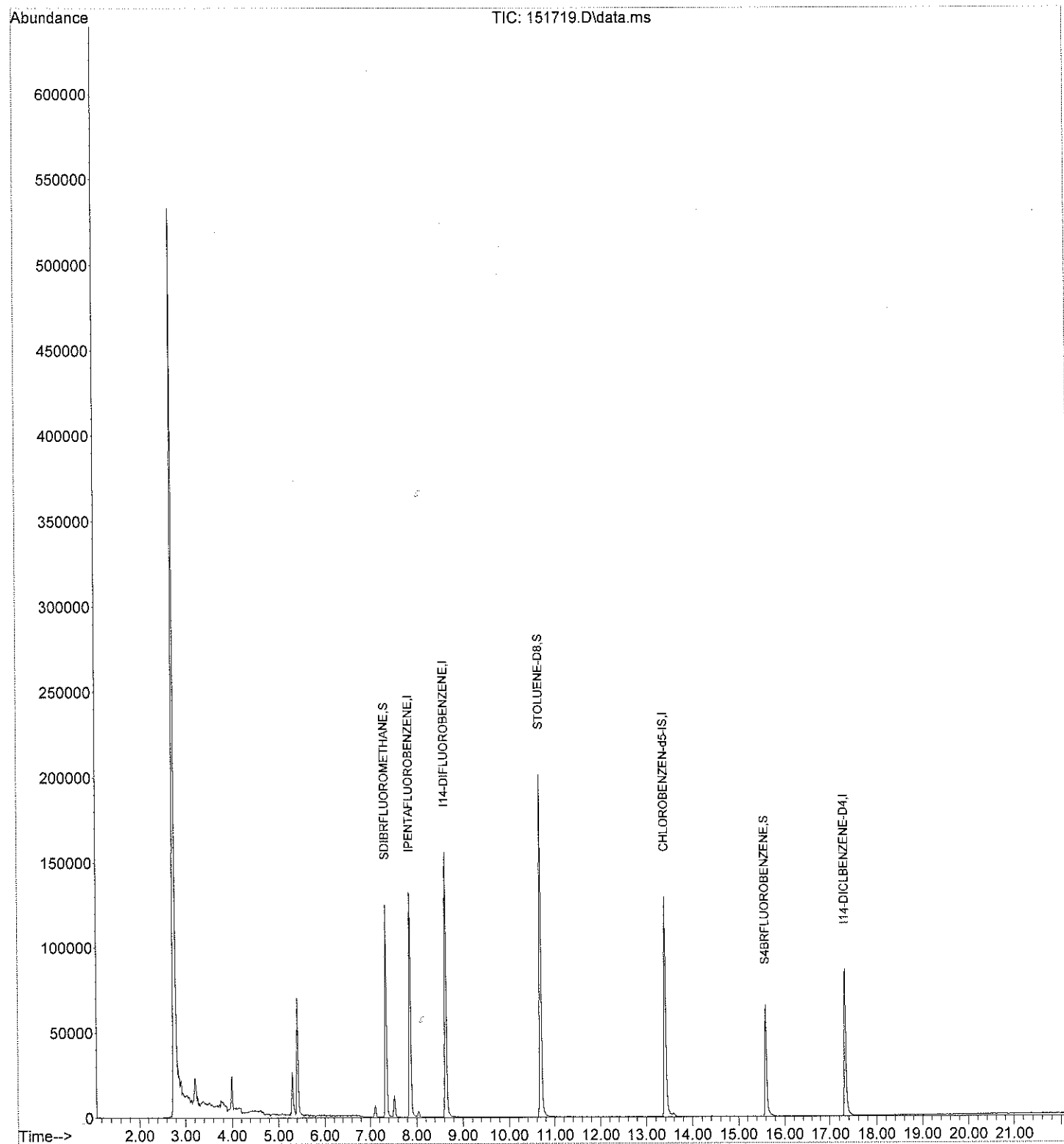
Quant Time: Aug 29 17:34:30 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	2349	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	75	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	15.604	77	155	N.D.		
63) N-PROPYLBENZENE	15.594	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 : C:\msdchem\1\DATA\181517\
Data File : 151719.D
Acq On : 24 Aug 2016 12:28 am
Operator : SEDS
Sample : LRB/2569457
Misc : RUN181519
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 29 17:34:30 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\V7\181517\
 Data File : 151720.D
 Acq On : 24 Aug 2016 12:54 am
 Operator : SEDS
 Sample : LFB/2571730
 Misc : RUN181648
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 29 17:44:39 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	IPENTAFLUOROBENZENE	1.000	1.000	0.0	92	0.00
2 M	DICLDIFLUOROMETHANE	0.580	0.637	-9.8	96	-0.02
3 P,T	CHLOROMETHANE	0.638	0.524	17.9	95	-0.02
4 C,T	VINYL CHLORIDE	0.565	0.563	0.4	92	0.00
5 T	BROMOMETHANE	0.771	0.919	-19.2	93	0.01
6 T	CHLOROETHANE	0.427	0.454	-6.3	111	0.02
7 T	TRICLFLUOROMETHANE	2.297	1.803	21.5#	61	0.00
8 T	ACROLEIN	0.162	0.165	-1.9	79	0.00
9 T	ACETONE	0.319	0.255	20.1#	91	-0.01
10 C,T	11-DICHLOROETHENE	1.011	1.050	-3.9	113	0.00
11 T	IODOMETHANE	0.841	0.948	-12.7	90	0.00
12 T	CARBON DISULFIDE	1.729	1.789	-3.5	80	0.00
13 T	ACRYLONITRILE	0.330	0.350	-6.1	84	-0.01
14 T	DICHLOROMETHANE	0.708	0.893	-26.1#	94	0.00
15 T	TRANS12DICLETHENE	0.627	0.756	-20.6#	90	0.00
16 P,T	11-DICHLOROETHANE	1.136	1.601	-40.9#	0#	0.00
17	VINYL ACETATE	1.742	2.000	-14.8	84	0.00
18	2-BUTANONE	0.684	0.462	32.5#	48#	0.00
19 T	CIS12DICHLOROETHENE	0.808	0.743	8.0	72	0.00
20 T	22-DICHLOROPROPANE	1.904	1.705	10.5	73	0.00
21 C,T	CHLOROFORM	1.809	1.742	3.7	94	-0.01
22 T	BROMOCHLOROMETHANE	1.125	1.256	-11.6	105	0.00
23 I	I14-DIFLUOROBENZENE	1.000	1.000	0.0	70	0.00
24 S	SDIBRFLUOROMETHANE	0.488	0.554	-13.5	70	0.00
25 T	TETRAHYDROFURAN	0.150	0.162	-8.0	73	0.00
26 T	111-TRICHLOROETHANE	1.147	1.369	-19.4	68	-0.01
27 T	11-DICHLOROPROPENE	0.626	0.650	-3.8	67	0.00
28 T	12-DICHLOROETHANE	1.034	1.210	-17.0	68	0.00
29 T	CARBONTETRACHLORIDE	0.956	1.095	-14.5	67	0.00
30 T	BENZENE	1.677	1.980	-18.1	70	0.00
31 T	TRICHLOROETHENE	0.445	0.491	-10.3	69	0.00
32 C,T	12-DICHLOROPROPANE	0.438	0.500	-14.2	69	0.00
33 T	DIBROMOMETHANE	0.340	0.371	-9.1	71	-0.01
34 T	BROMODICLMEthane	0.849	0.967	-13.9	68	-0.01
35 T	2-CLETHYLVINYLETHER	0.048	0.035#	27.1#	97	-0.01
36 T	EPICHLOROHYDRIN	0.044	0.042#	4.5	64	-0.01
37 T	4METHYL-2-PENTANONE	0.677	0.709	-4.7	68	-0.01
38 T	CIS13DICLPROPENE	0.808	0.689	14.7	62	0.00
39 S	STOLUENE-D8	1.233	1.227	0.5	69	0.00
40 C,T	TOLUENE	1.831	2.043	-11.6	69	-0.01
41 T	TRANS13DICLPROPENE	0.769	0.758	1.4	66	-0.01
42 T	112-TRICHLOROETHANE	0.447	0.494	-10.5	68	0.00
43	2-HEXANONE	0.493	0.461	6.5	61	-0.01
44 T	13-DICHLOROPROPANE	0.735	0.779	-6.0	67	-0.01
45 T	DIBRCHLOROMETHANE	0.566	0.644	-13.8	71	-0.01
46 T	TETRACHLOROETHENE	0.633	0.536	15.3	55	-0.01
47 T	12-DIBROMOETHANE	0.417	0.449	-7.7	68	-0.01
48 I	CHLOROBENZEN-d5-IS	1.000	1.000	0.0	70	0.00
49 P,T	CHLOROBENZENE	1.282	1.388	-8.3	71	-0.01
50	1-CHLOROHEXANE	0.492	0.527	-7.1	89	0.08

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\V7\181517\
 Data File : 151720.D
 Acq On : 24 Aug 2016 12:54 am
 Operator : SEDS
 Sample : LFB/2571730
 Misc : RUN181648
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 29 17:44:39 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
51 T	1112-TETRACLETHANE	0.553	0.655	-18.4	75	-0.01
52 C,T	ETHYLBENZENE	2.345	2.236	4.6	68	0.00
53 T	MP-XYLENE	1.989	1.797	9.7	68	-0.01
54 T	STYRENE	1.270	1.231	3.1	72	0.00
55 T	O-XYLENE	1.750	1.747	0.2	80	0.00
56 P,T	BROMOFORM	0.419	0.441	-5.3	72	0.00
57 P,T	1122-TETRACLETHANE	0.654	0.682	-4.3	66	0.00
58 T	ISOPROPYL BENZENE	1.982	2.047	-3.3	78	0.00
59 S	S4BRFLUOROBENZENE	0.465	0.409	12.0	61	-0.01
60 T	123-TRICLPROPANE	0.232	0.264	-13.8	71	-0.01
61 T	TRANS14DICL2BUTENE	0.244	0.220	9.8	63	-0.01
62 T	BROMOBENZENE	1.202	1.205	-0.2	68	0.00
63 T	N-PROPYLBENZENE	2.636	2.246	14.8	65	0.00
64 T	2-CHLOROTOLUENE	1.964	1.769	9.9	67	0.00
65 T	4-CHLOROTOLUENE	1.788	1.548	13.4	65	0.00
66 T	135TRIMETHYLBENZENE	2.076	1.996	3.9	68	0.00
67 T	TERT-BUTYLBENZENE	1.489	1.320	11.3	66	-0.01
68 T	124TRIMETHYLBENZENE	2.016	1.885	6.5	68	0.00
69 T	SEC-BUTYLBENZENE	2.090	1.816	13.1	65	0.00
70 T	13-DICHLOROBENZENE	0.978	0.932	4.7	69	0.00
71 I	I14-DICLBNZENE-D4	1.000	1.000	0.0	57	-0.01
72 T	4-ISOPROPYLTOLUENE	3.347	3.662	-9.4	64	0.00
73 T	14-DICHLOROBENZENE	1.801	1.951	-8.3	58	-0.01
74 T	12-DICHLOROBENZENE	1.672	1.963	-17.4	65	0.00
75 T	N-BUTYLBENZENE	2.951	3.128	-6.0	63	-0.01
76 T	12-DIBR-3CLPROPANE	0.235	0.229	2.6	50#	0.00
77	124-TRICLBNZENE	0.671	0.821	-22.4#	76	0.00
78 T	NAPHTHALENE	1.774	1.786	-0.7	73	0.01
79 T	HEXACHLOROBUTADIENE	0.380	0.416	-9.5	61	0.00
80	123-TRICLBNZENE	0.675	0.768	-13.8	62	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151720.D
 Acq On : 24 Aug 2016 12:54 am
 Operator : SEDS
 Sample : CCV/2569458
 Misc : RUN181519
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 29 17:44:39 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	125908m	20.00	µg/L	0.00
23) I14-DIFLUOROBENZENE	8.640	114	144486	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	142488	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.320	152	60118m	20.00	µg/L	-0.01

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	80112m	22.74	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	113.70%
39) STOLUENE-D8	10.690	98	177258	19.89	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.45%
59) S4BRFLUOROBENZENE	15.594	95	58307	17.61	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	88.05%

Target Compounds						Qvalue
2) DICLDFLUOROMETHANE	2.985	85	80237	21.99	µg/L	100
3) CHLOROMETHANE	3.259	50	65959	20.40	µg/L #	97
4) VINYL CHLORIDE	3.371	62	70872m	19.92	µg/L	
5) BROMOMETHANE	3.787	94	115768	23.85	µg/L	98
6) CHLOROETHANE	3.939	64	57208	21.26	µg/L	98
7) TRICLFLUOROMETHANE	4.102	101	226976	15.69	µg/L	99
8) ACROLEIN	5.046	56	519663	536.89	µg/L #	97
9) ACETONE	5.351	43	160364	97.12	µg/L #	98
10) 11-DICHLOROETHENE	4.691	61	132156m	20.00	µg/L	
11) IODOMETHANE	4.884	142	596654	112.65	µg/L #	87
12) CARBON DISULFIDE	4.772	76	1125938m	103.45	µg/L	
13) ACRYLONITRILE	6.234	53	220521m	86.16	µg/L	
14) DICHLOROMETHANE	5.320	84	112473	22.15	µg/L	86
15) TRANS12DICLETHENE	5.503	96	95130	20.08	µg/L	92
16) 11-DICHLOROETHANE	6.193	63	201630	20.41	µg/L	100
17) VINYL ACETATE	6.406	43	1259001	108.22	µg/L	96
18) 2-BUTANONE	7.472	43	290682m	81.86	µg/L	
19) CIS12DICHLOROETHENE	6.823	96	93611	16.18	µg/L #	83
20) 22-DICHLOROPROPANE	6.955	77	214611m	20.28	µg/L	
21) CHLOROFORM	7.107	83	219342	19.26	µg/L	100
22) BROMOCHLOROMETHANE	7.066	49	158078m	22.33	µg/L	
25) TETRAHYDROFURAN	7.350	42	23442	19.69	µg/L #	87
26) 111-TRICHLOROETHANE	7.411	97	197772m	23.86	µg/L	
27) 11-DICHLOROPROPENE	7.564	75	93962	20.79	µg/L	99
28) 12-DICHLOROETHANE	8.132	62	174886m	23.41	µg/L	
29) CARBONTETRACHLORIDE	7.340	117	158189m	22.91	µg/L	
30) BENZENE	7.878	78	286064	23.61	µg/L #	94
31) TRICHLOROETHENE	8.640	132	71007	22.10	µg/L #	91
32) 12-DICHLOROPROPANE	9.381	63	72175	22.80	µg/L #	89
33) DIBROMOMETHANE	9.249	174	53554	21.80	µg/L #	86
34) BROMODICLMETHANE	9.432	83	139694m	22.77	µg/L	
35) 2-CLETHYLVINYLETHER	10.223	63	24993	85.08	µg/L #	81
36) EPICHLOROHYDRIN	10.761	57	152619	482.54	µg/L	87
37) 4METHYL-2-PENTANONE	11.330	43	512029	104.71	µg/L #	89
38) CIS13DICLPROPENE	10.386	75	99547	17.06	µg/L	93
40) TOLUENE	10.772	91	295216	22.32	µg/L	99
41) TRANS13DICLPROPENE	11.421	75	109544	19.71	µg/L	85
42) 112-TRICHLOROETHANE	11.706	97	71340	22.09	µg/L #	88
43) 2-HEXANONE	12.782	43	332873	93.46	µg/L #	87
44) 13-DICHLOROPROPANE	12.193	76	112626	21.20	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	93019	22.76	µg/L	98

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151720.D
 Acq On : 24 Aug 2016 12:54 am
 Operator : SEDS
 Sample : CCV/2569458
 Misc : RUN181519
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 29 17:44:39 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

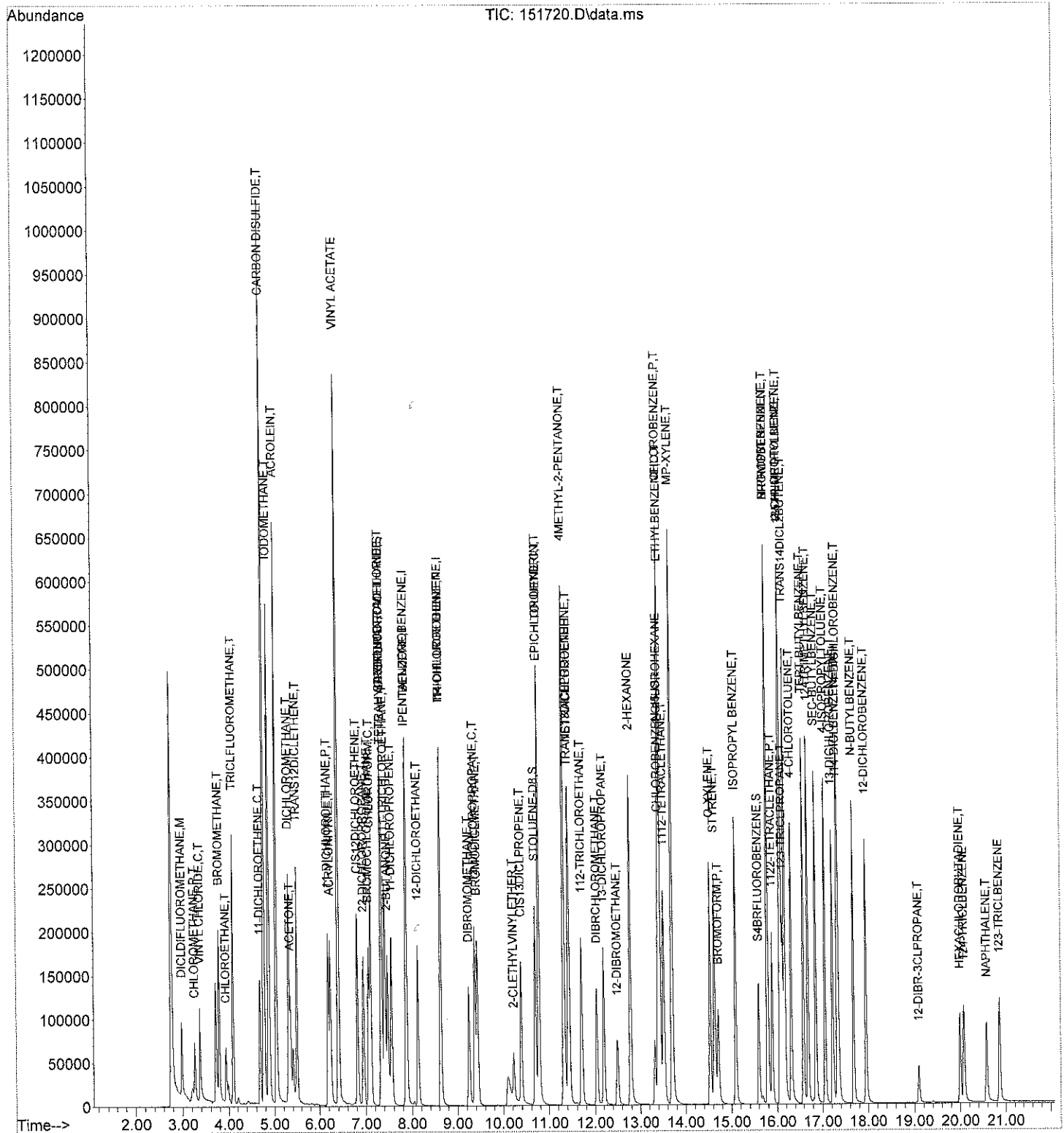
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.431	166	77494	16.96	µg/L	91
47) 12-DIBROMOETHANE	12.497	107	64908	21.57	µg/L	98
49) CHLOROBENZENE	13.431	112	197722	21.65	µg/L	92
50) 1-CHLOROHEXANE	13.411	91	75036m	21.39	µg/L	
51) 1112-TETRACLETHANE	13.523	131	93303	23.68	µg/L	96
52) ETHYLBENZENE	13.442	91	318541	19.07	µg/L	98
53) MP-XYLENE	13.706	91	512081	36.14	µg/L	98
54) STYRENE	14.639	104	175388m	17.01	µg/L	
55) O-XYLENE	14.548	91	248900m	17.25	µg/L	
56) BROMOFORM	14.721	173	62795	21.05	µg/L	99
57) 1122-TETRACLETHANE	15.888	83	97169	20.86	µg/L	99
58) ISOPROPYL BENZENE	15.096	105	291734m	18.04	µg/L	
60) 123-TRICLPROPANE	16.122	110	37634	22.75	µg/L	86
61) TRANS14DICL2BUTENE	16.172	53	156526	89.95	µg/L	89
62) BROMOBENZENE	15.787	77	171632	20.04	µg/L	93
63) N-PROPYLBENZENE	15.787	91	319960	17.04	µg/L	96
64) 2-CHLOROTOLUENE	16.071	91	252128	18.02	µg/L	70
65) 4-CHLOROTOLUENE	16.325	91	220622	17.32	µg/L	99
66) 135TRIMETHYLBENZENE	16.081	105	284452	19.23	µg/L	98
67) TERT-BUTYLBENZENE	16.589	119	188102	17.74	µg/L	91
68) 124TRIMETHYLBENZENE	16.700	105	268594	18.71	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	258820	17.38	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	132731	19.05	µg/L	94
72) 4-ISOPROPYLTOLUENE	17.066	119	220161	21.88	µg/L	97
73) 14-DICHLOROBENZENE	17.340	146	117295m	21.66	µg/L	
74) 12-DICHLOROBENZENE	17.949	146	118009m	23.49	µg/L	
75) N-BUTYLBENZENE	17.675	91	188060	21.20	µg/L	95
76) 12-DIBR-3CLPROPANE	19.096	157	13796m	19.55	µg/L	
77) 124-TRICLBENZENE	20.081	180	49370m	19.69	µg/L	
78) NAPHTHALENE	20.578	128	107388	16.01	µg/L	96
79) HEXACHLOROBUTADIENE	20.000	225	25011	21.90	µg/L	99
80) 123-TRICLBENZENE	20.863	182	46158	18.68	µg/L	93

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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151720.D
Acq On : 24 Aug 2016 12:54 am
Operator : SEDS
Sample : CCV/2569458
Misc : RUN181519
ALS Vial : 21 Sample Multiplier: 1

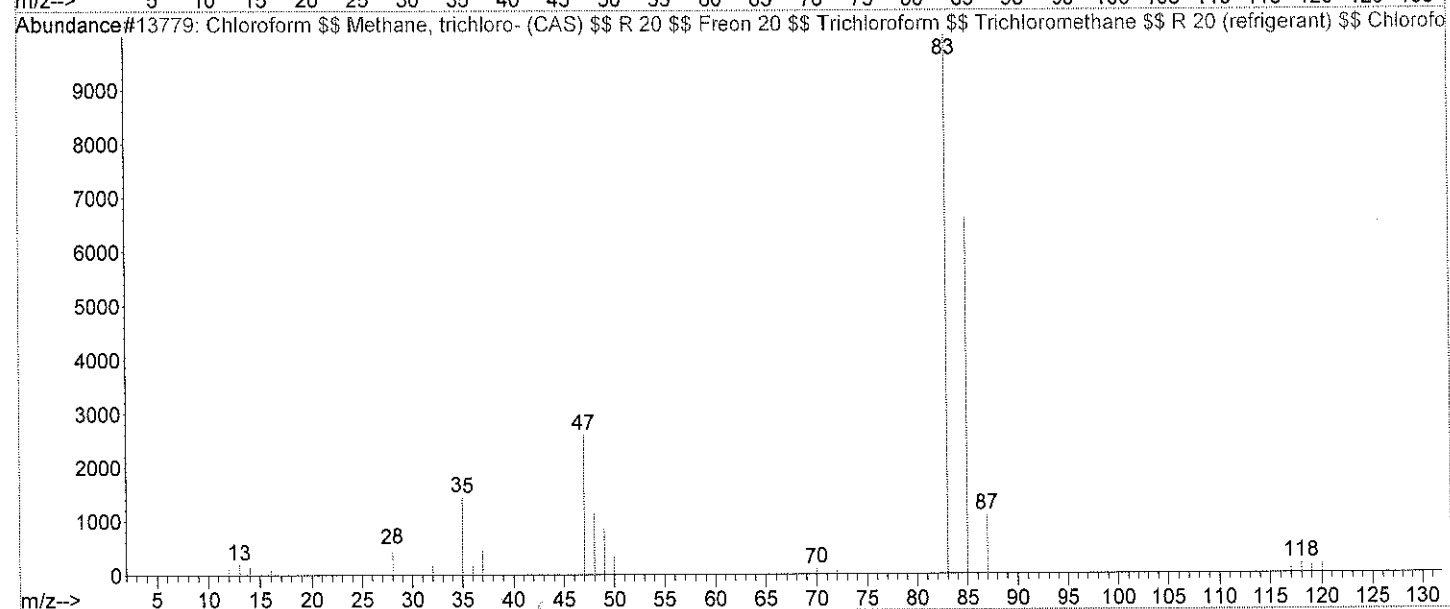
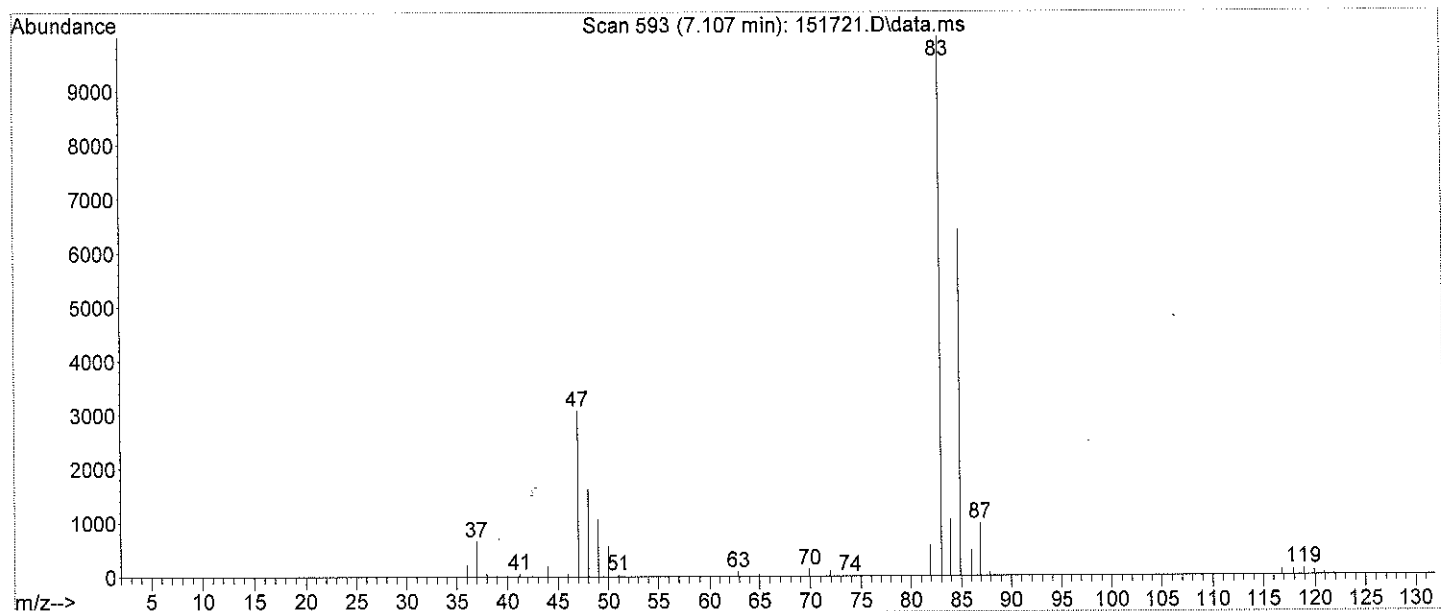
Quant Time: Aug 29 17:44:39 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 86

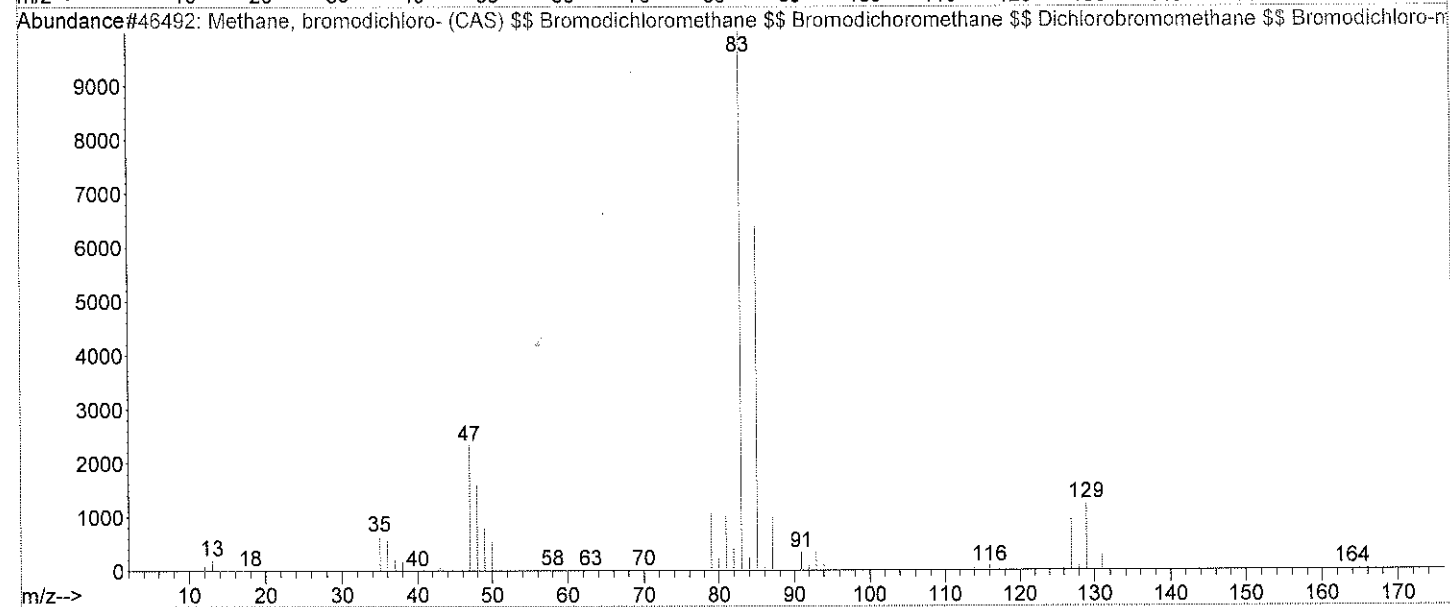
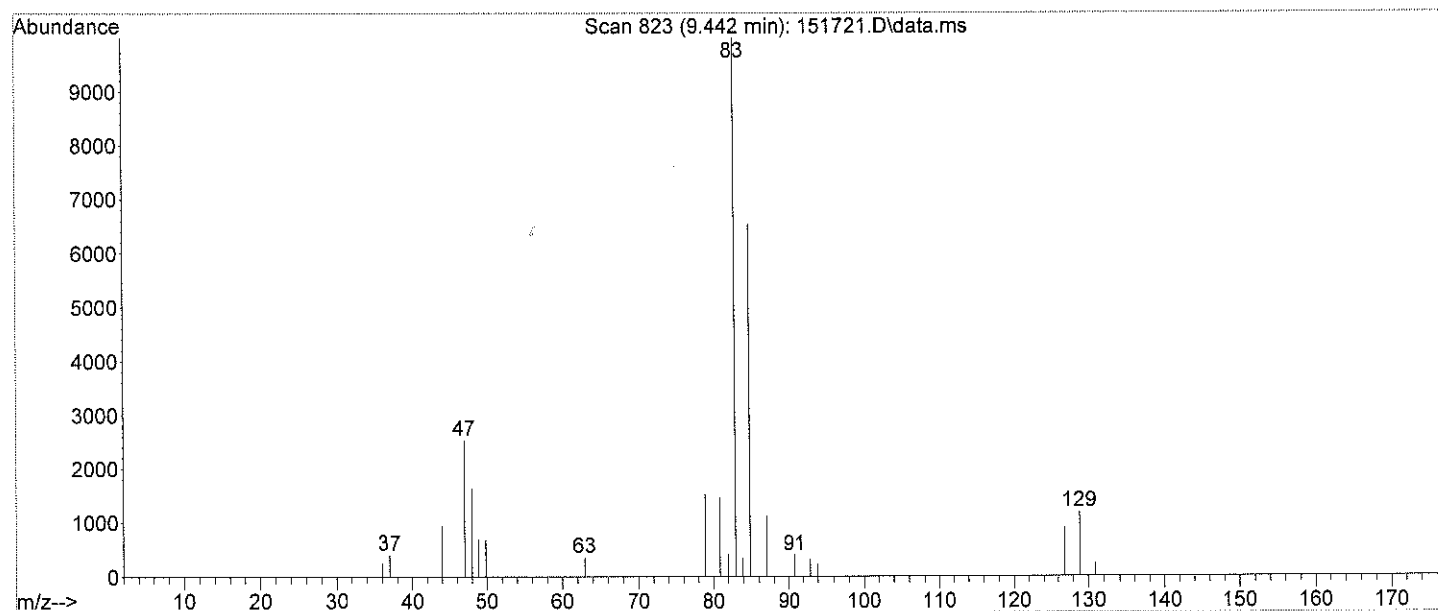
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 90

ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151721.D
 Acq On : 24 Aug 2016 1:20 am
 Operator : SEDS
 Sample : TB/2568632
 Misc : RUN181519
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 29 17:46:51 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	90024	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	130196	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	84390m	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	36102	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	74125m	23.35	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	116.75%
39) STOLUENE-D8	10.691	98	153990	19.18	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	95.90%
59) S4BRFLUOROBENZENE	15.594	95	33141	16.90	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	84.50%

Target Compounds

Qvalue

2) DICLDFLUOROMETHANE	2.985	85	103	N.D.		
3) CHLOROMETHANE	0.000		0	N.D.	d	
4) VINYL CHLORIDE	3.767	62	63	N.D.		
5) BROMOMETHANE	3.797	94	970	N.D.		
6) CHLOROETHANE	4.214	64	230	N.D.		
7) TRICLFLUOROMETHANE	4.102	101	393	N.D.		
8) ACROLEIN	0.000		0	N.D.	d	
9) ACETONE	0.000		0	N.D.	d	
10) 11-DICHLOROETHENE	4.691	61	335	N.D.		
11) IODOMETHANE	4.884	142	1113	N.D.		
12) CARBON DISULFIDE	0.000		0	N.D.	d	
13) ACRYLONITRILE	6.254	53	326	N.D.		
14) DICHLOROMETHANE	5.310	84	887	N.D.		
15) TRANS12DICLETHENE	5.503	96	701	N.D.		
16) 11-DICHLOROETHANE	6.193	63	71	N.D.		
17) VINYL ACETATE	6.417	43	1034	N.D.		
18) 2-BUTANONE	7.483	43	65	N.D.		
19) CIS12DICHLOROETHENE	6.823	96	127	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	116258	14.28	µg/L	99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	d	
25) TETRAHYDROFURAN	7.361	42	154	N.D.		
26) 111-TRICHLOROETHANE	0.000		0	N.D.		
27) 11-DICHLOROPROPENE	7.554	75	68	N.D.		
28) 12-DICHLOROETHANE	0.000		0	N.D.		
29) CARBONTETRACHLORIDE	7.269	117	224	N.D.		
30) BENZENE	7.889	78	2280	N.D.		
31) TRICHLOROETHENE	8.640	132	61	N.D.		
32) 12-DICHLOROPROPANE	9.442	63	387	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICL METHANE	9.442	83	14852	2.69	µg/L	99
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	0.000		0	N.D.		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.772	91	2353	N.D.		
41) TRANS13DICLPROPENE	0.000		0	N.D.		
42) 112-TRICHLOROETHANE	0.000		0	N.D.		
43) 2-HEXANONE	12.822	43	68	N.D.		
44) 13-DICHLOROPROPANE	0.000		0	N.D.		
45) DIBRCHLOROMETHANE	12.051	129	741	N.D.		

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151721.D
 Acq On : 24 Aug 2016 1:20 am
 Operator : SEDS
 Sample : TB/2568632
 Misc : RUN181519
 ALS Vial : 22 Sample Multiplier: 1

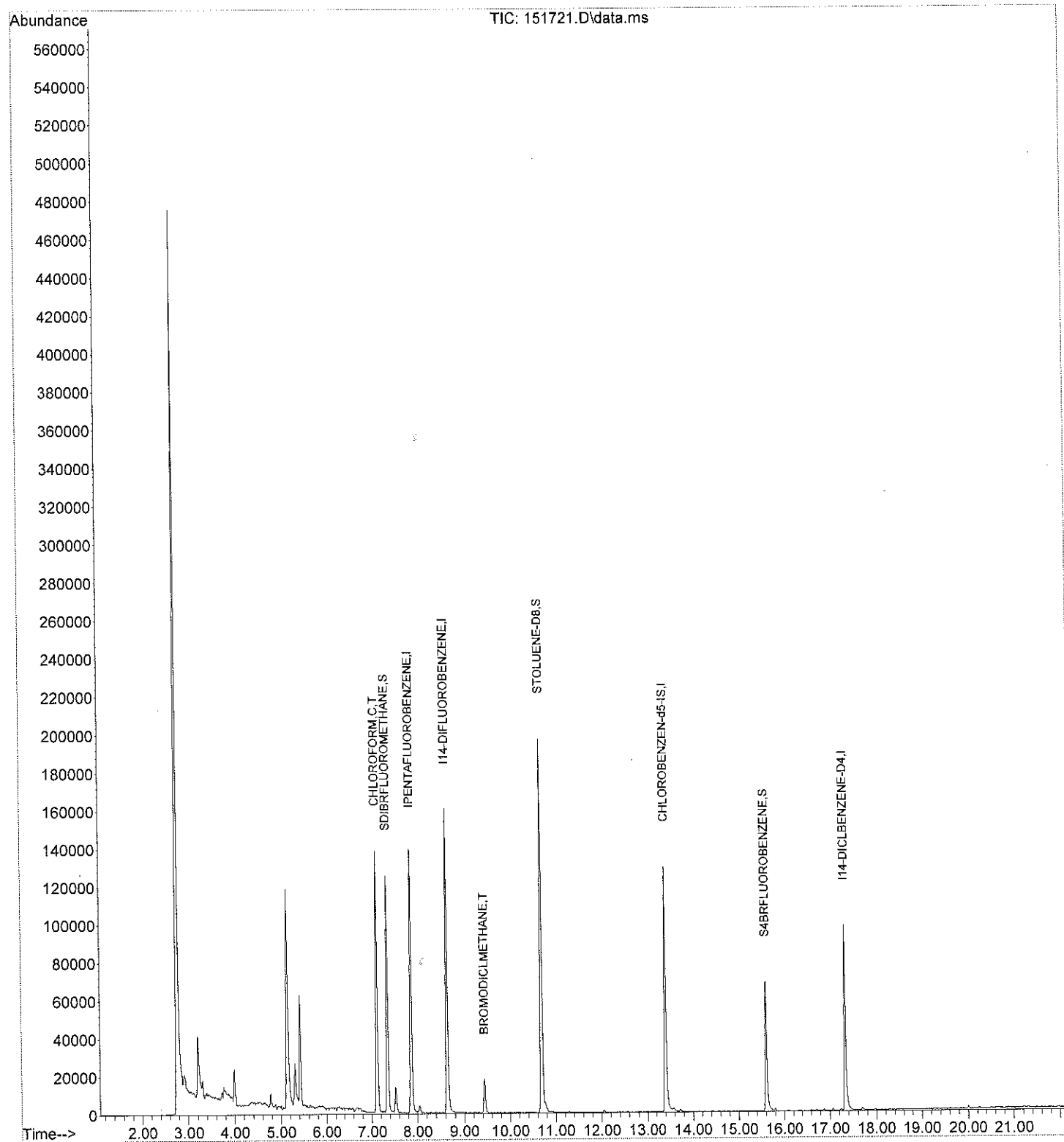
Quant Time: Aug 29 17:46:51 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.442	112	280	N.D.		
50) 1-CHLOROHXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.462	91	809	N.D.		
53) MP-XYLENE	13.716	91	1489	N.D.		
54) STYRENE	14.690	104	79	N.D.		
55) O-XYLENE	14.548	91	490	N.D.		
56) BROMOFORM	0.000		0	N.D.		
57) 1122-TETRACLETHANE	0.000		0	N.D.		
58) ISOPROPYL BENZENE	15.096	105	334	N.D.		
60) 123-TRICLPROPANE	0.000		0	N.D.		
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	15.797	77	344	N.D.		
63) N-PROPYLBENZENE	15.797	91	1422	N.D.		
64) 2-CHLOROTOLUENE	16.081	91	597	N.D.		
65) 4-CHLOROTOLUENE	16.335	91	864	N.D.		
66) 135TRIMETHYLBENZENE	16.091	105	452	N.D.		
67) TERT-BUTYLBENZENE	16.589	119	340	N.D.		
68) 124TRIMETHYLBENZENE	16.721	105	538	N.D.		
69) SEC-BUTYLBENZENE	16.873	105	1279	N.D.		
70) 13-DICHLOROBENZENE	17.238	146	613	N.D.		
72) 4-ISOPROPYLTOLUENE	17.066	119	1170	N.D.		
73) 14-DICHLOROBENZENE	17.350	146	1028	N.D.		
74) 12-DICHLOROBENZENE	17.980	146	486	N.D.		
75) N-BUTYLBENZENE	17.685	91	1334	N.D.		
76) 12-DIBR-3CLPROPANE	0.000		0	N.D.		
77) 124-TRICLBENZENE	20.122	180	174	N.D.		
78) NAPHTHALENE	20.619	128	1136	N.D.		
79) HEXACHLOROBUTADIENE	0.000		0	N.D. d		
80) 123-TRICLBENZENE	20.893	182	317	N.D.		

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

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151721.D
Acq On : 24 Aug 2016 1:20 am
Operator : SEDS
Sample : TB/2568632
Misc : RUN181519
ALS Vial : 22 Sample Multiplier: 1

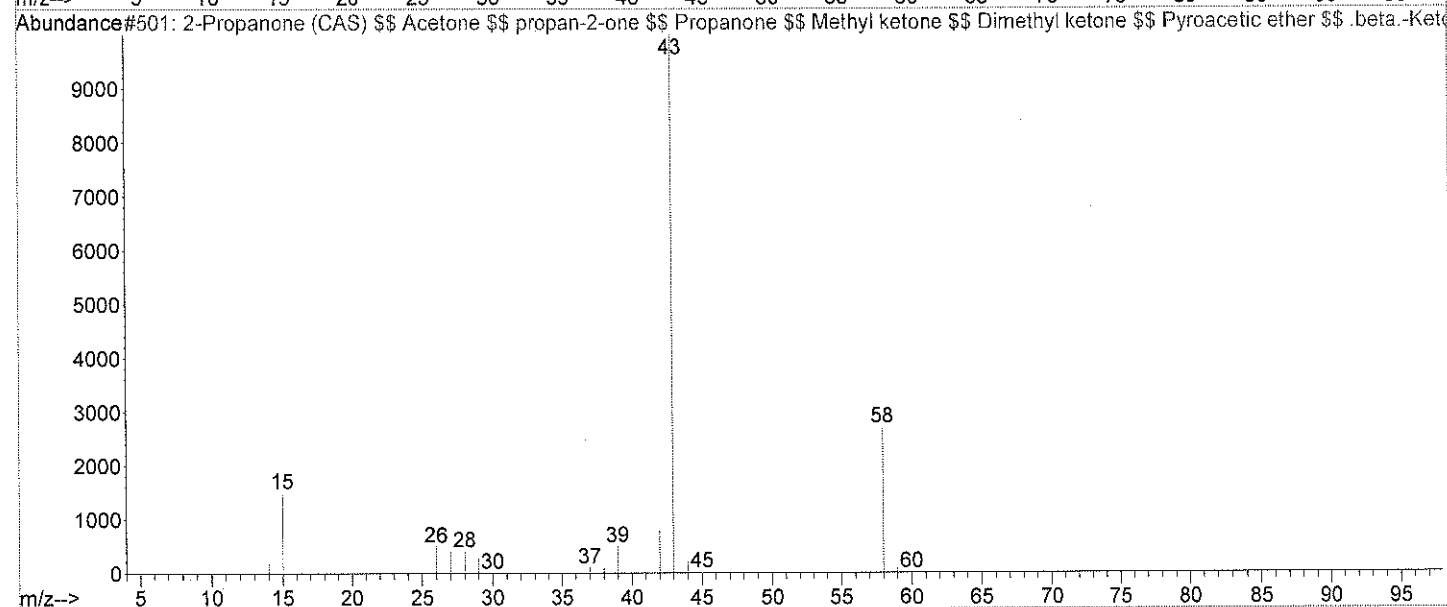
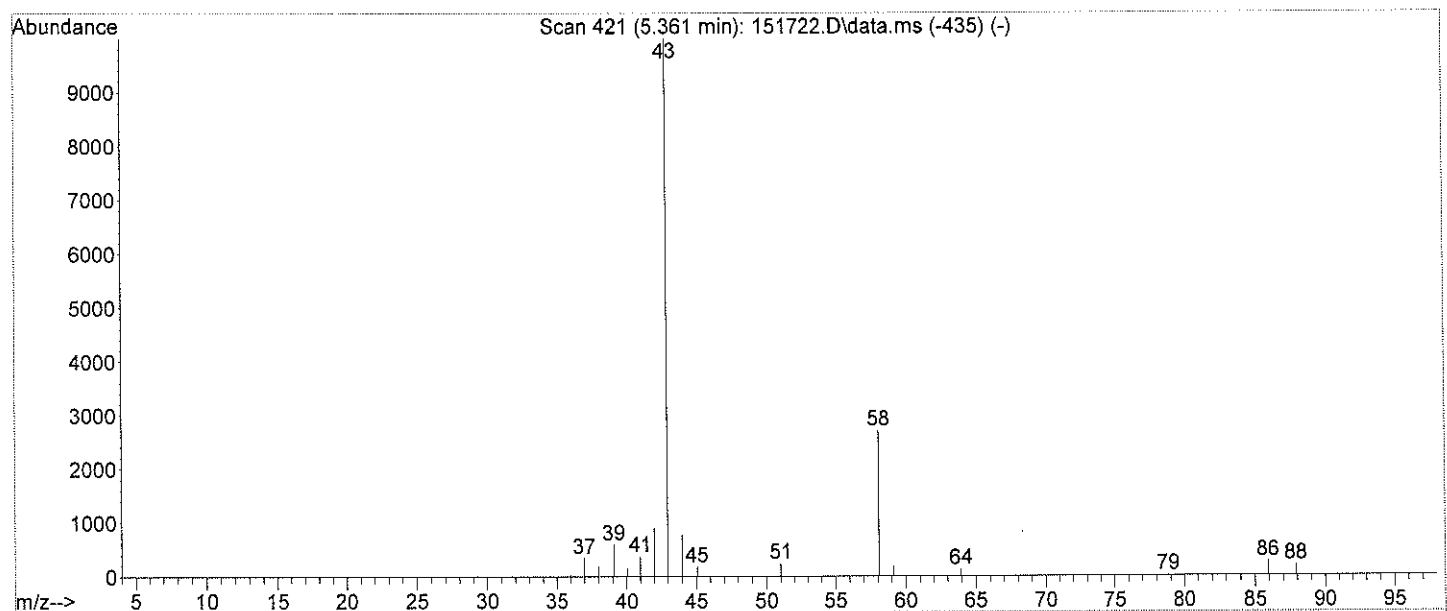
Quant Time: Aug 29 17:46:51 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 59

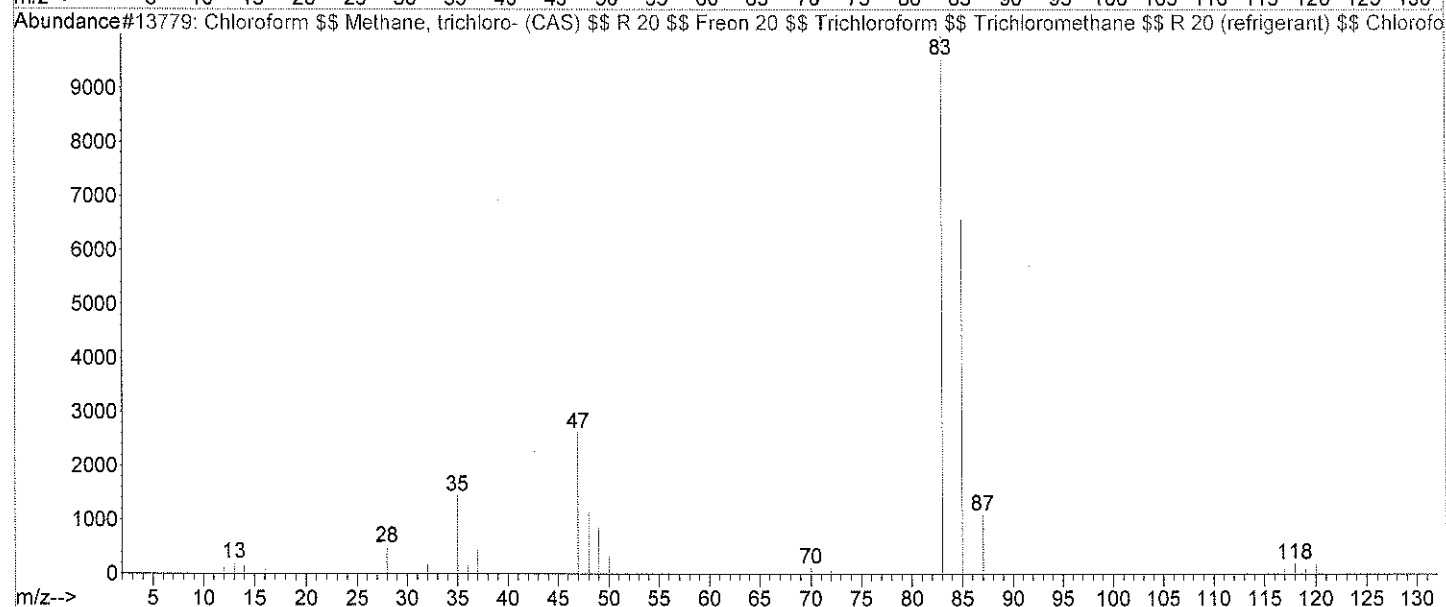
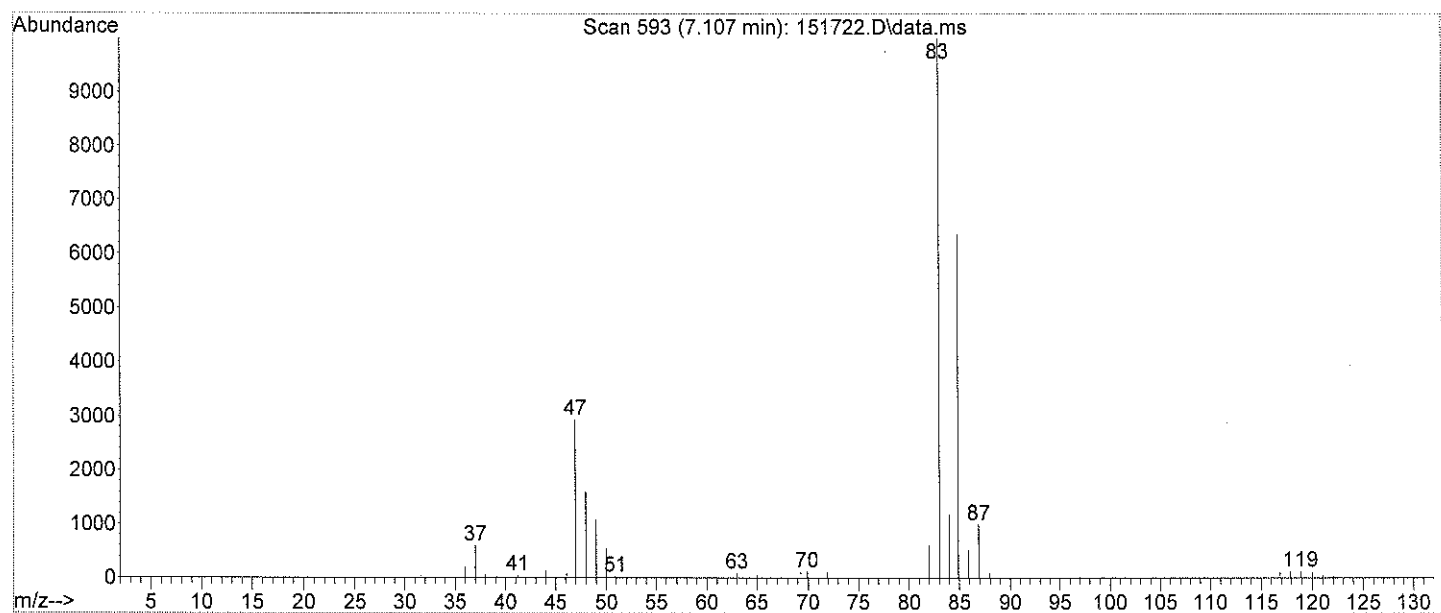
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Dimethyl ketone \$\$ Pyroacetic ether \$\$.beta.-Ketopropane \$\$ Dimethylformaldeh
yde \$\$ ACETONE (2-PROPANONE) \$\$ (CH3)2CO \$\$ Allylic alcohol \$\$ Dimethyketal \$
\$ Ketone propane \$\$ K



Library Searched : C:\Database\WILEY275.L

Quality : 78

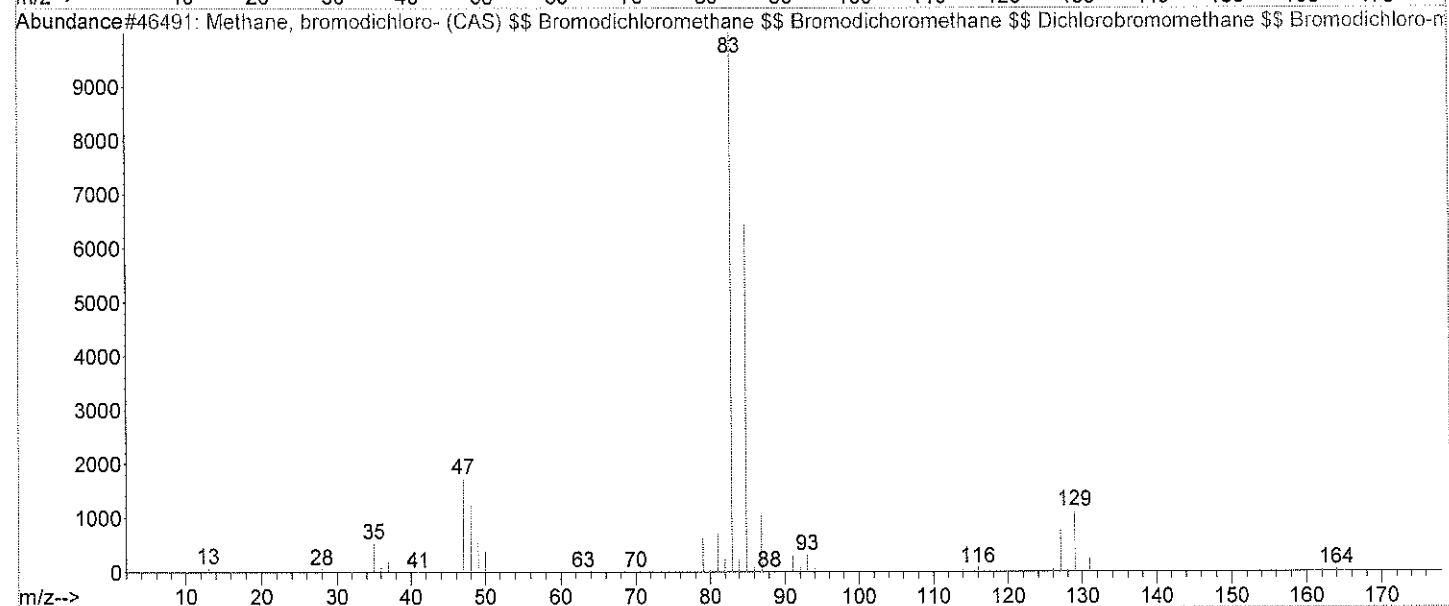
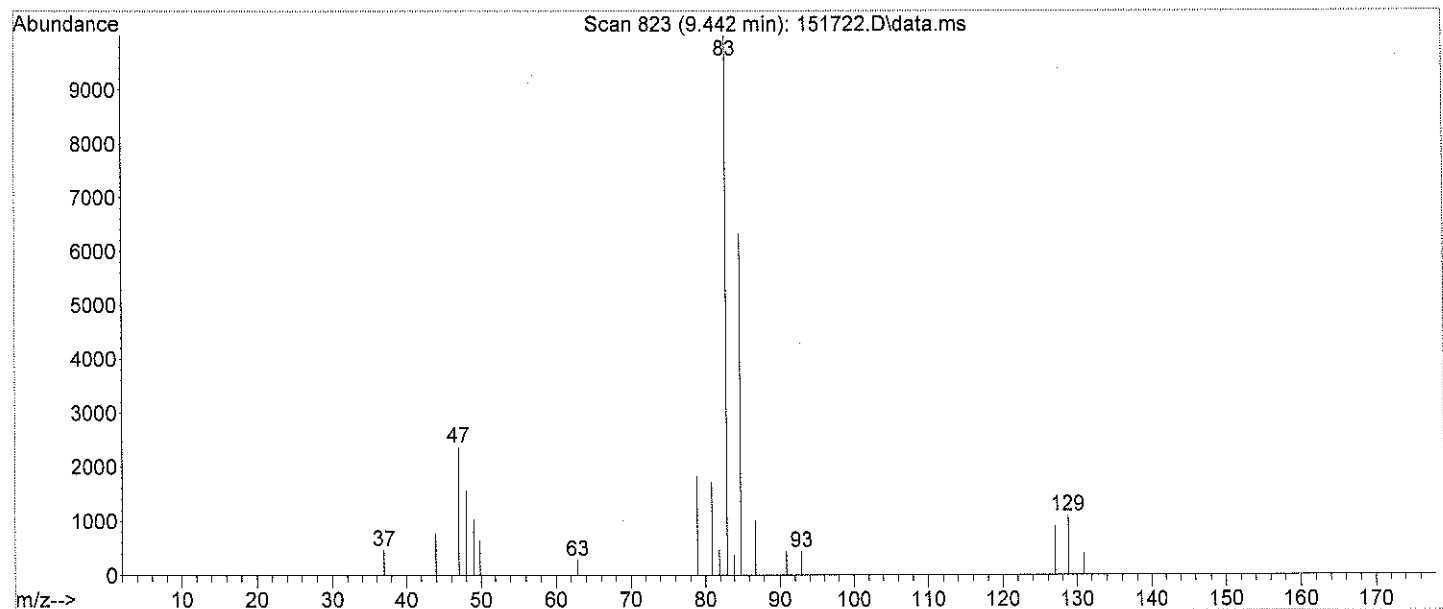
ID : Chloroform \$\$ Methane, trichloro- (CAS) \$\$ R 20 \$\$ Freon 20 \$\$ Trichloroform \$
\$ Trichloromethane \$\$ R 20 (refrigerant) \$\$ Chloroform (ACN) (DOT) \$\$ TRICHLORO
METHANE (CHLOROFORM) \$\$ CHCl3 \$\$ Formyl trichloride \$\$ Methane trichloride \$\$
Methenyl trichloride



Library Searched : C:\Database\WILEY275.L

Quality : 90

ID : Methane, bromodichloro- (CAS) \$\$ Bromodichloromethane \$\$ Bromodichloromethane \$
\$ Dichlorobromomethane \$\$ Bromodichloro-methane \$\$ CHBrCl2 \$\$ NCI-C55243 \$\$ Bd
cm \$\$ Dichloromonobromomethane \$\$ Monobromodichloromethane



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151722.D
 Acq On : 24 Aug 2016 1:45 am
 Operator : SEDS
 Sample : 2568584
 Misc : RUN181519
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 29 17:48:35 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B, 624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88299	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129869	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	100536	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34872	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	77041m	24.33	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	121.65%#
39) STOLUENE-D8	10.690	98	159805	19.95	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.75%
59) S4BRFLUOROBENZENE	15.594	95	32784	14.03	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	70.15%#

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	3.787	94	228	N.D.		
6) CHLOROETHANE	4.082	64	892	N.D.		
7) TRICLFLUOROMETHANE	4.102	101	144	N.D.		
8) ACROLEIN	5.046	56	79	N.D.		
9) ACETONE	5.361	43	17814	15.38	µg/L	# 94
10) 11-DICHLOROETHENE	0.000		0	N.D.		
11) IODOMETHANE	4.884	142	825	N.D.		
12) CARBON DISULFIDE	0.000		0	N.D.	d	
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.310	84	584	N.D.		
15) TRANS12DICLETHENE	5.432	96	332	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	6.386	43	269	N.D.		
18) 2-BUTANONE	7.493	43	87	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	91596	11.47	µg/L	# 99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	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	7.269	117	253	N.D.		
30) BENZENE	7.878	78	1618	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	9.452	63	167	N.D.		
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	9.442	83	11398	2.07	µg/L	97
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	10.690	57	88	N.D.		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.772	91	1407	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	12.051	129	641	N.D.		

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151722.D
 Acq On : 24 Aug 2016 1:45 am
 Operator : SEDS
 Sample : 2568584
 Misc : RUN181519
 ALS Vial : 23 Sample Multiplier: 1

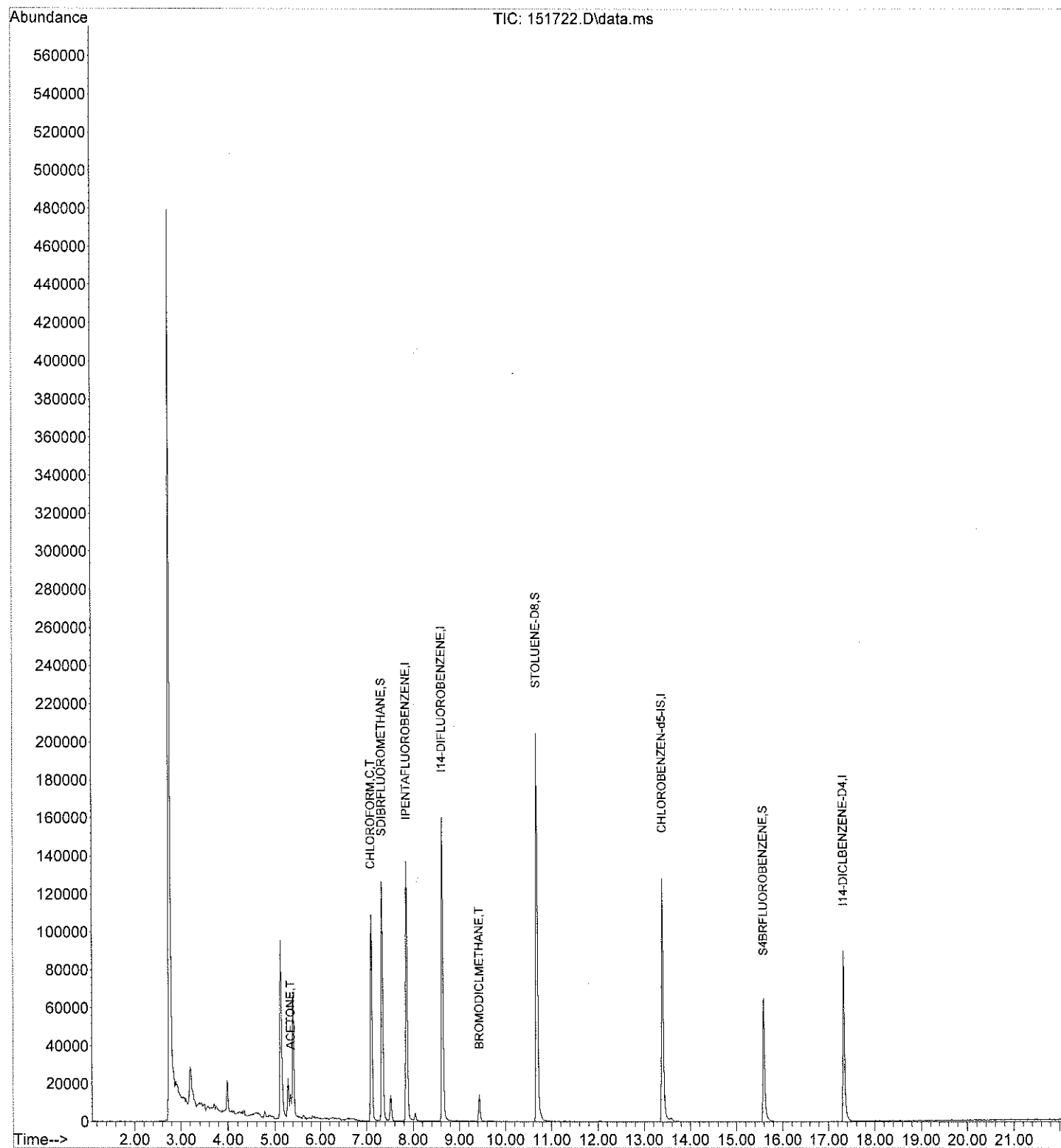
Quant Time: Aug 29 17:48:35 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.421	112	146	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.411	91	71	N.D.		
53) MP-XYLENE	13.726	91	312	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	15.797	91	147	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	16.873	105	65	N.D.		
70) 13-DICHLOROBENZENE	0.000		0	N.D.		
72) 4-ISOPROPYLTOLUENE	17.066	119	205	N.D.		
73) 14-DICHLOROBENZENE	0.000		0	N.D.		
74) 12-DICHLOROBENZENE	0.000		0	N.D.		
75) N-BUTYLBENZENE	17.695	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

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151722.D
Acq On : 24 Aug 2016 1:45 am
Operator : SEDS
Sample : 2568584
Misc : RUN181519
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 29 17:48:35 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151723.D
 Acq On : 24 Aug 2016 2:11 am
 Operator : SEDS
 Sample : 2566148
 Misc : RUN181519
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 29 17:49:58 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	89631	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	130155	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	99630	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33898	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	84118	26.51	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	132.55%#
39) STOLUENE-D8	10.691	98	159955	19.93	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.65%
59) S4BRFLUOROBENZENE	15.594	95	32314	13.96	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	69.80%#

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	3.787	94	367	N.D.	
6) CHLOROETHANE	3.960	64	618	N.D.	
7) TRICLFLUOROMETHANE	4.112	101	61	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	4.884	142	587	N.D.	
12) CARBON DISULFIDE	4.782	76	1947	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.310	84	349	N.D.	
15) TRANS12DICLETHENE	5.554	96	66	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	278	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	752	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	940	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	7.259	117	203	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	10.680	57	141	N.D.	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	10.772	91	286	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\181517\
 Data File : 151723.D
 Acq On : 24 Aug 2016 2:11 am
 Operator : SEDS
 Sample : 2566148
 Misc : RUN181519
 ALS Vial : 24 Sample Multiplier: 1

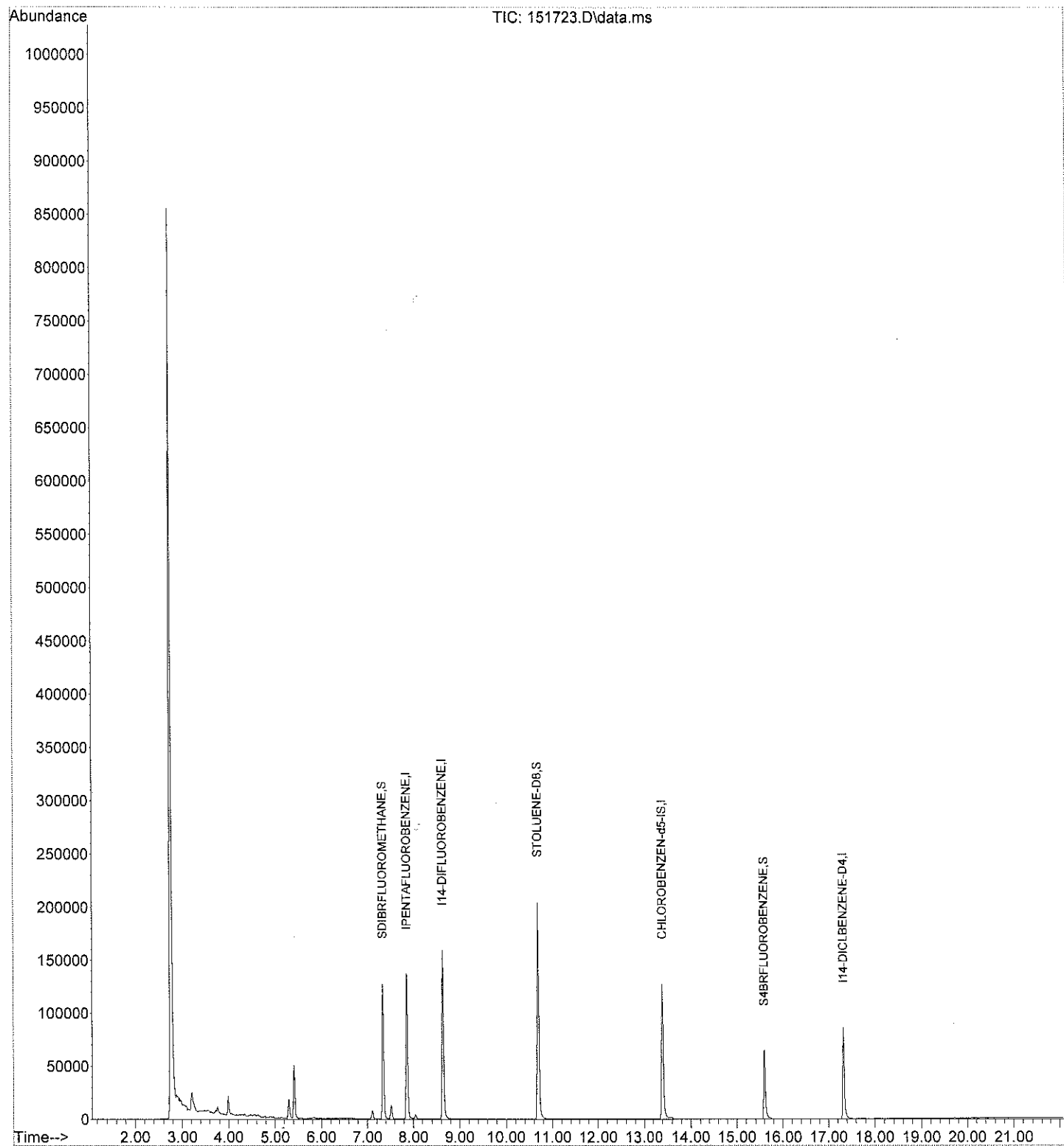
Quant Time: Aug 29 17:49:58 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.432	112	63	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151723.D
Acq On : 24 Aug 2016 2:11 am
Operator : SEDS
Sample : 2566148
Misc : RUN181519
ALS Vial : 24 Sample Multiplier: 1

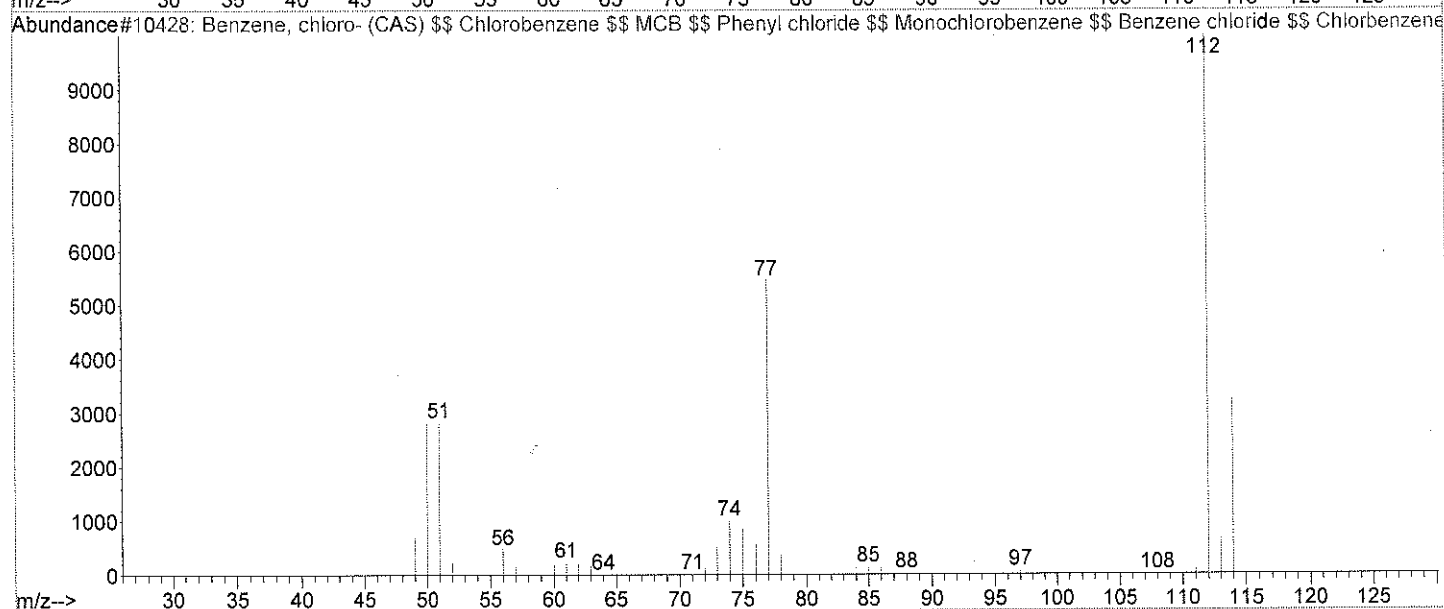
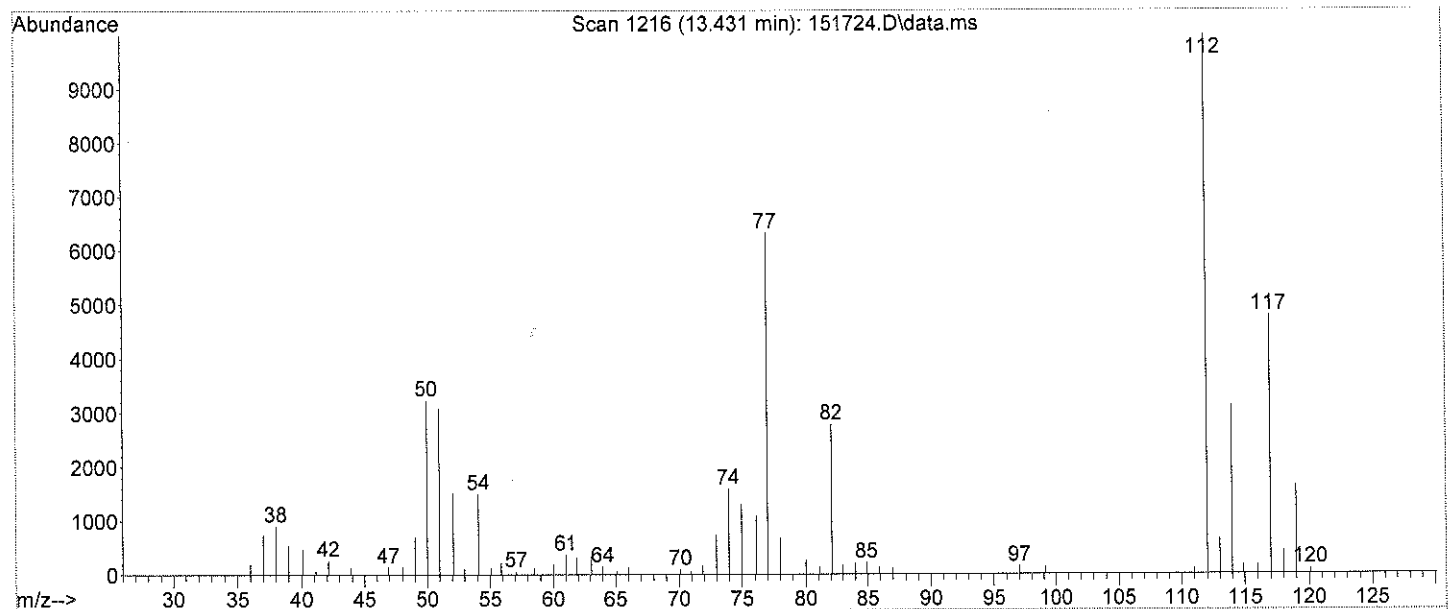
Quant Time: Aug 29 17:49:58 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



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



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151724.D
 Acq On : 24 Aug 2016 2:37 am
 Operator : SEDS
 Sample : 2539053
 Misc : RUN181519
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 29 17:50:54 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	86779	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129132	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	101847	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34015	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	82187	26.10	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	130.50%#
39) STOLUENE-D8	10.690	98	156889	19.70	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.50%
59) S4BRFLUOROBENZENE	15.594	95	32000	13.52	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	67.60%#

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	3.787	94	491	N.D.	
6) CHLOROETHANE	3.970	64	538	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	4.884	142	358	N.D.	
12) CARBON DISULFIDE	4.782	76	1970	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	466	N.D.	
15) TRANS12DICLETHENE	5.422	96	590	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.848	43	238	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	523	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	842	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	7.259	117	166	N.D.	
30) BENZENE	7.889	78	1319	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	10.772	91	396	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\181517\
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 Acq On : 24 Aug 2016 2:37 am
 Operator : SEDS
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 Misc : RUN181519
 ALS Vial : 25 Sample Multiplier: 1

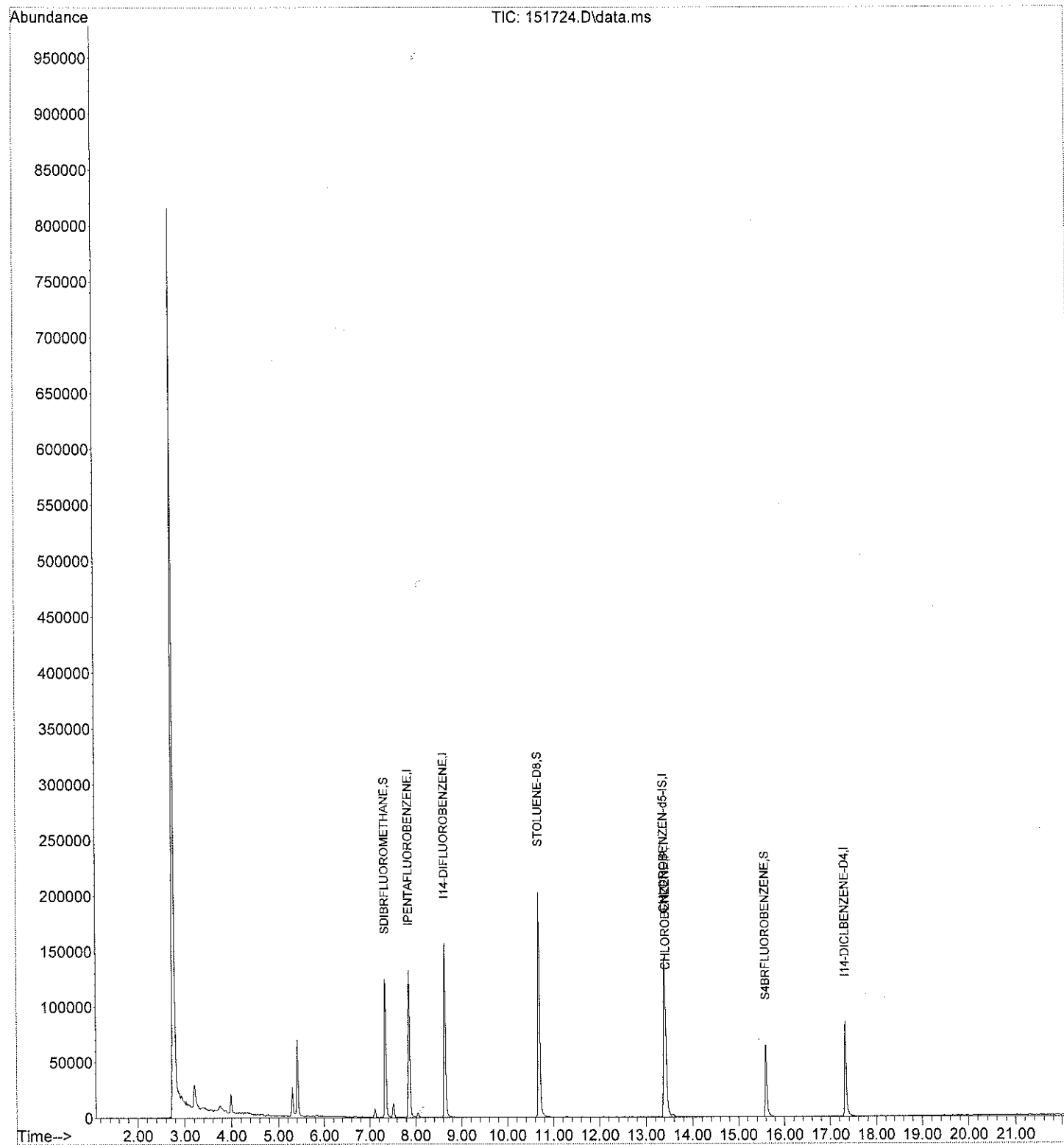
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 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	46490	7.12	µg/L	91
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	144	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151724.D
Acq On : 24 Aug 2016 2:37 am
Operator : SEDS
Sample : 2539053
Misc : RUN181519
ALS Vial : 25 Sample Multiplier: 1

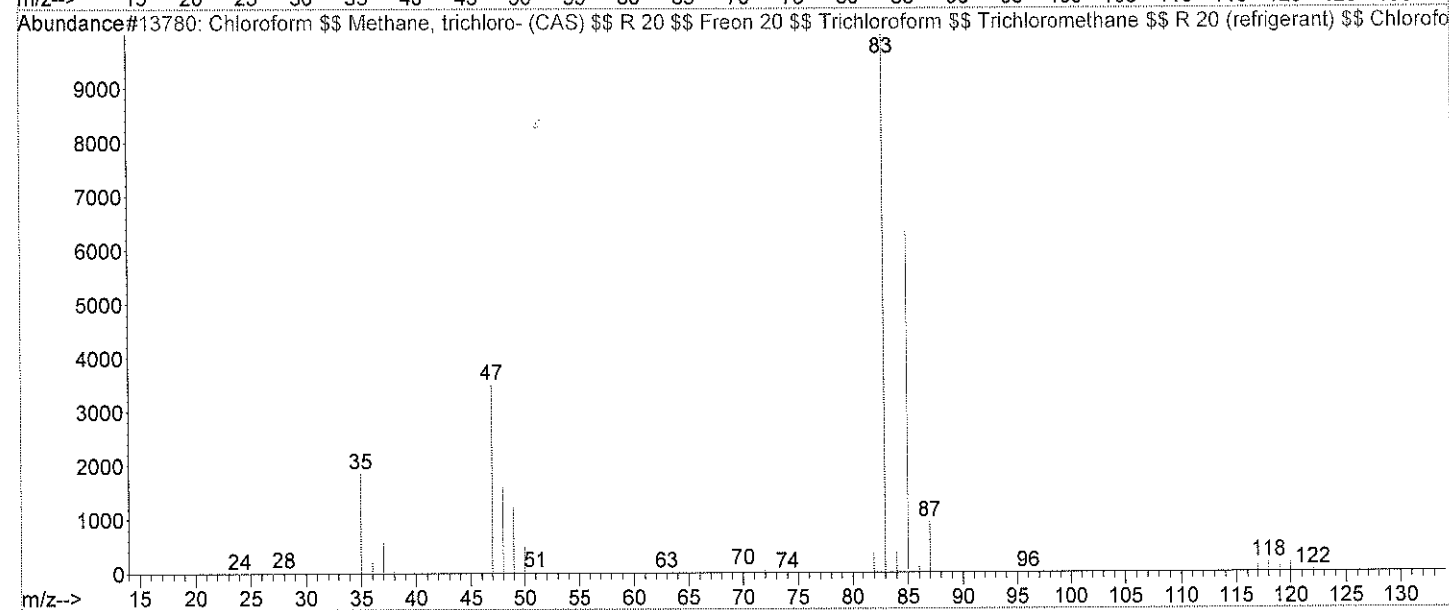
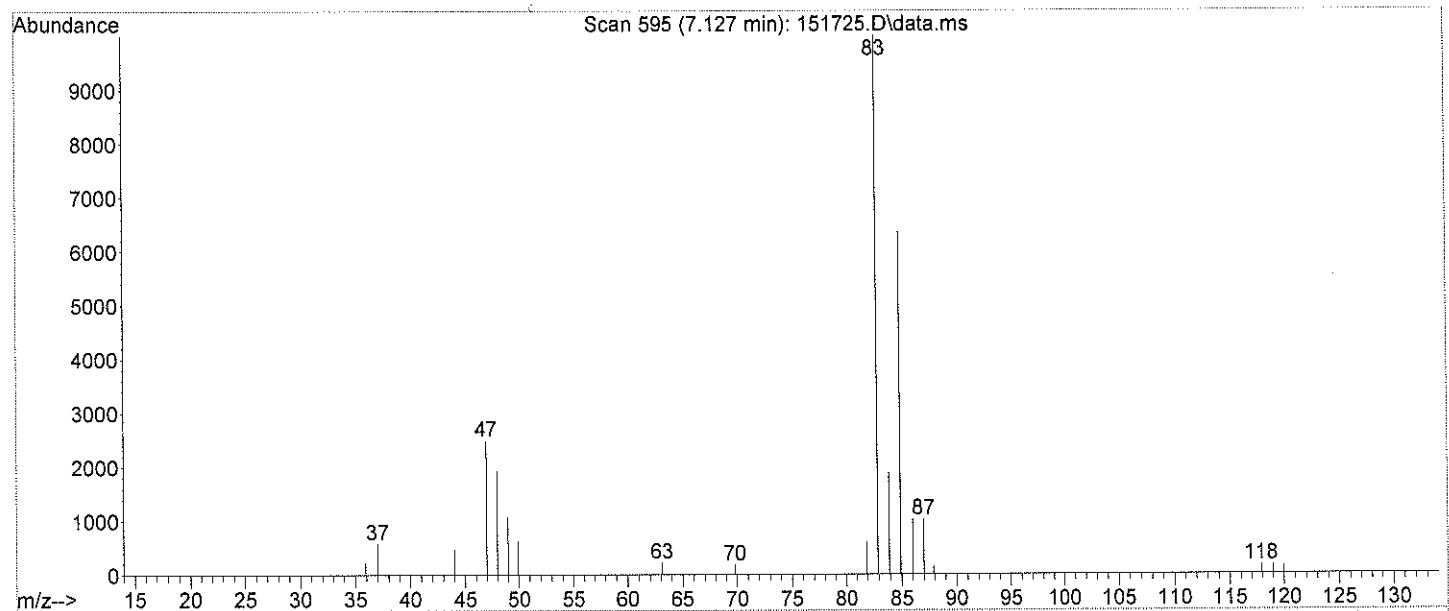
Quant Time: Aug 29 17:50:54 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 87

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 : C:\msdchem\1\DATA\181517\
 Data File : 151725.D
 Acq On : 24 Aug 2016 3:03 am
 Operator : SEDS
 Sample : 2539052
 Misc : RUN181519
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 29 17:52:28 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	86583	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	125749	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	92187	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34220	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	82295	26.84	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	134.20%#
39) STOLUENE-D8	10.690	98	153851	19.84	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.20%
59) S4BRFLUOROBENZENE	15.594	95	31632	14.77	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	73.85%#

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	3.787	94	437	N.D.		
6) CHLOROETHANE	3.939	64	234	N.D.		
7) TRICLFLUOROMETHANE	4.102	101	295	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	4.883	142	378	N.D.		
12) CARBON DISULFIDE	4.772	76	1158	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.330	84	439	N.D.		
15) TRANS12DICLETHENE	5.411	96	1057	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.503	43	64	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	31413	4.01	µg/L #	98
22) BROMOCHLOROMETHANE	0.000		0	N.D.	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	7.249	117	62	N.D.		
30) BENZENE	0.000		0	N.D.		
31) TRICHLOROETHENE	0.000		0	N.D.		
32) 12-DICHLOROPROPANE	0.000		0	N.D.	d	
33) DIBROMOMETHANE	0.000		0	N.D.		
34) BROMODICLMETHANE	9.442	83	786	N.D.		
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	10.690	57	73	N.D.		
37) 4METHYL-2-PENTANONE	0.000		0	N.D.		
38) CIS13DICLPROPENE	0.000		0	N.D.		
40) TOLUENE	10.782	91	347	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\181517\
 Data File : 151725.D
 Acq On : 24 Aug 2016 3:03 am
 Operator : SEDS
 Sample : 2539052
 Misc : RUN181519
 ALS Vial : 26 Sample Multiplier: 1

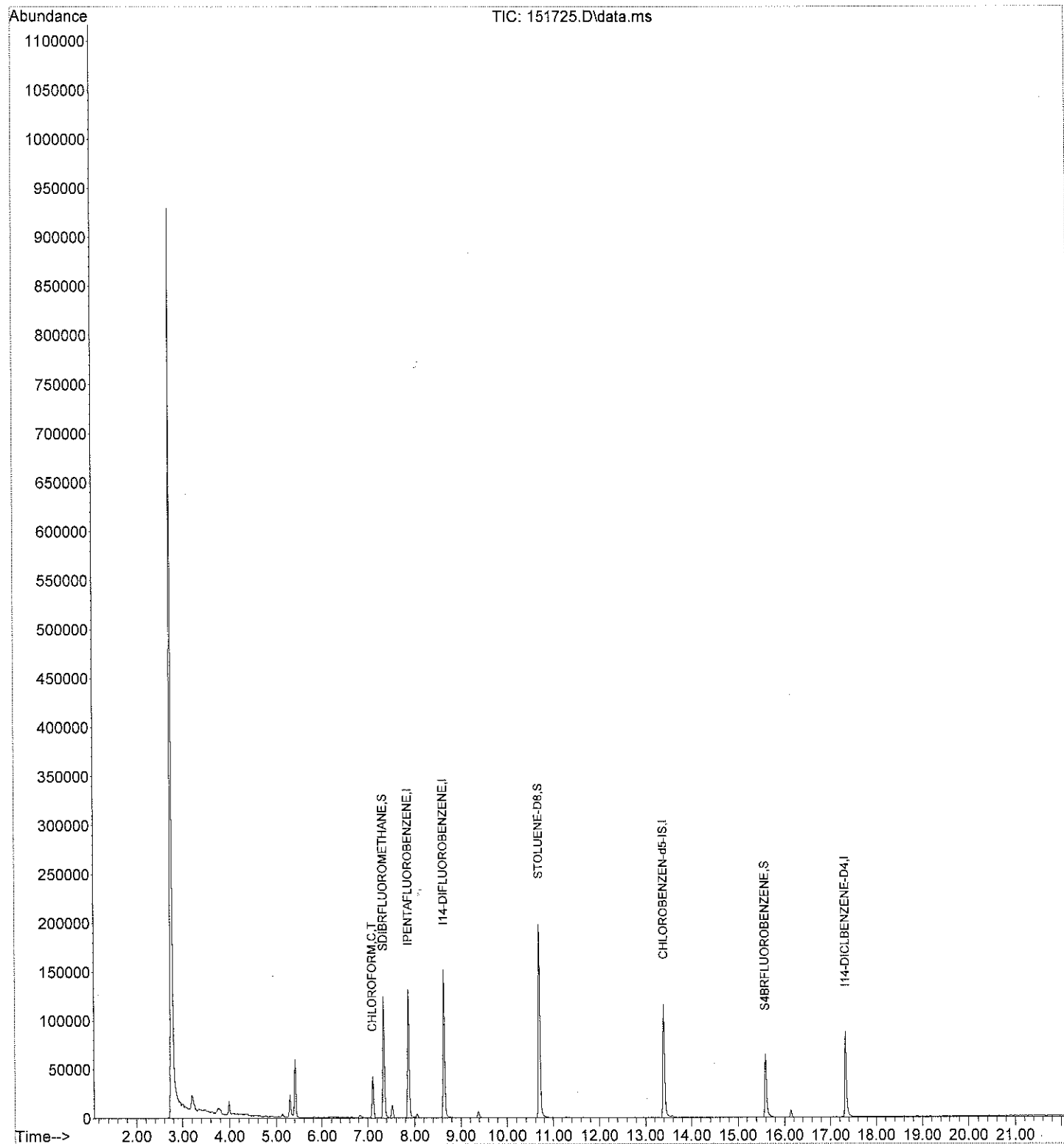
Quant Time: Aug 29 17:52:28 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	70	N.D.		
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.391	91	67	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.	d	
61) TRANS14DICL2BUTENE	0.000		0	N.D.		
62) BROMOBENZENE	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151725.D
Acq On : 24 Aug 2016 3:03 am
Operator : SEDS
Sample : 2539052
Misc : RUN181519
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 29 17:52:28 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151726.D
 Acq On : 24 Aug 2016 3:29 am
 Operator : SEDS
 Sample : 2539051
 Misc : RUN181519
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 29 17:53:15 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88483	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	129689	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	100810	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33882	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	82756	26.17	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 130.85%#	
39) STOLUENE-D8	10.690	98	157887	19.74	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 98.70%	
59) S4BRFLUOROBENZENE	15.594	95	32216	13.75	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 68.75%#	

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	3.797	94	347		N.D.	
6) CHLOROETHANE	3.899	64	569		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	4.884	142	465		N.D.	
12) CARBON DISULFIDE	4.772	76	756		N.D.	
13) ACRYLONITRILE	0.000		0		N.D.	
14) DICHLOROMETHANE	5.320	84	512		N.D.	
15) TRANS12DICLETHENE	5.503	96	66		N.D.	
16) 11-DICHLOROETHANE	0.000		0		N.D.	
17) VINYL ACETATE	0.000		0		N.D.	
18) 2-BUTANONE	7.300	43	62		N.D.	
19) CIS12DICHLOROETHENE	0.000		0		N.D.	
20) 22-DICHLOROPROPANE	0.000		0		N.D.	
21) CHLOROFORM	7.107	83	1367		N.D.	
22) BROMOCHLOROMETHANE	7.107	49	870		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	7.259	117	310		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	10.772	91	361		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\181517\
 Data File : 151726.D
 Acq On : 24 Aug 2016 3:29 am
 Operator : SEDS
 Sample : 2539051
 Misc : RUN181519
 ALS Vial : 27 Sample Multiplier: 1

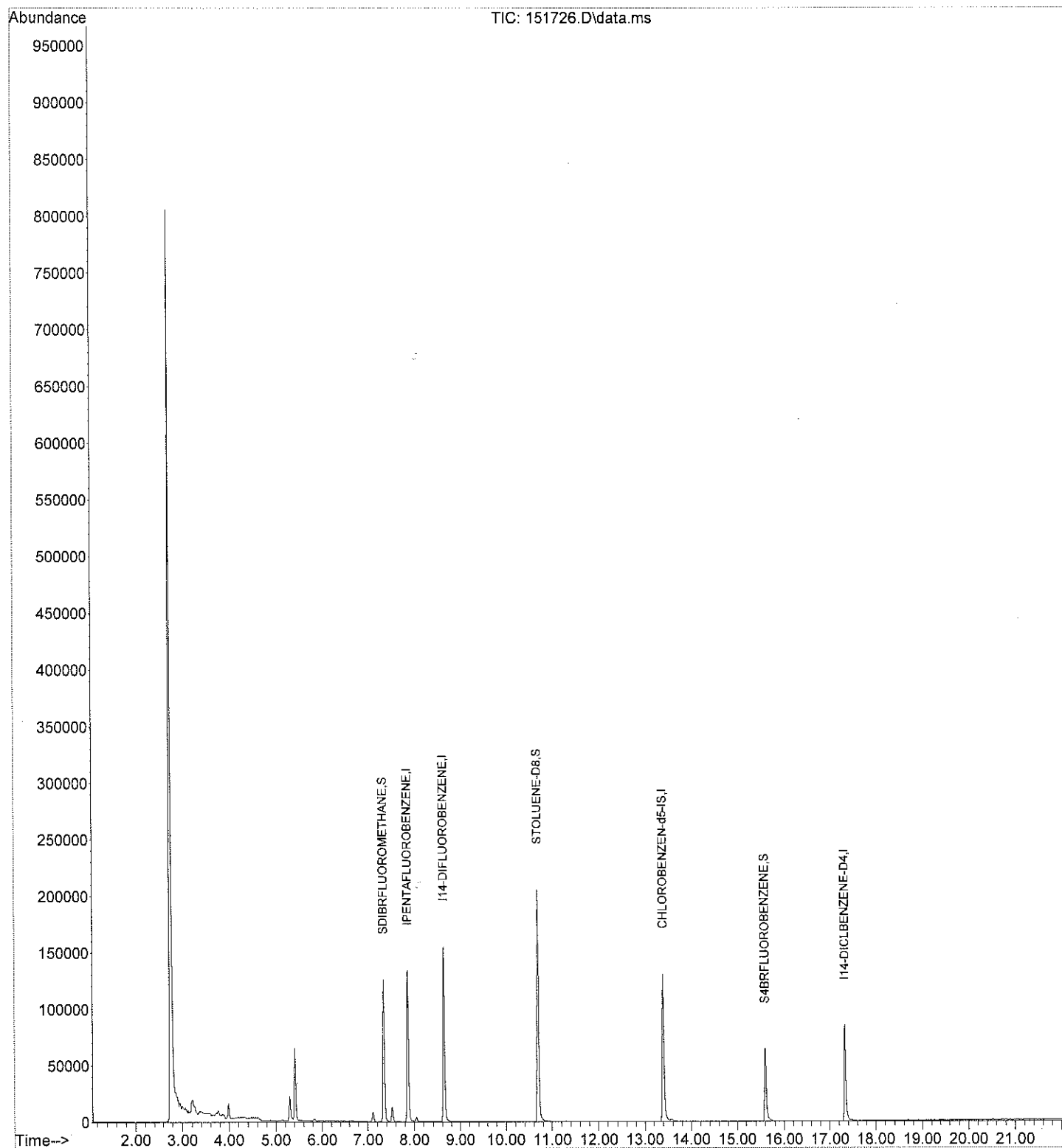
Quant Time: Aug 29 17:53:15 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 Qlast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151726.D
Acq On : 24 Aug 2016 3:29 am
Operator : SEDS
Sample : 2539051
Misc : RUN181519
ALS Vial : 27 Sample Multiplier: 1

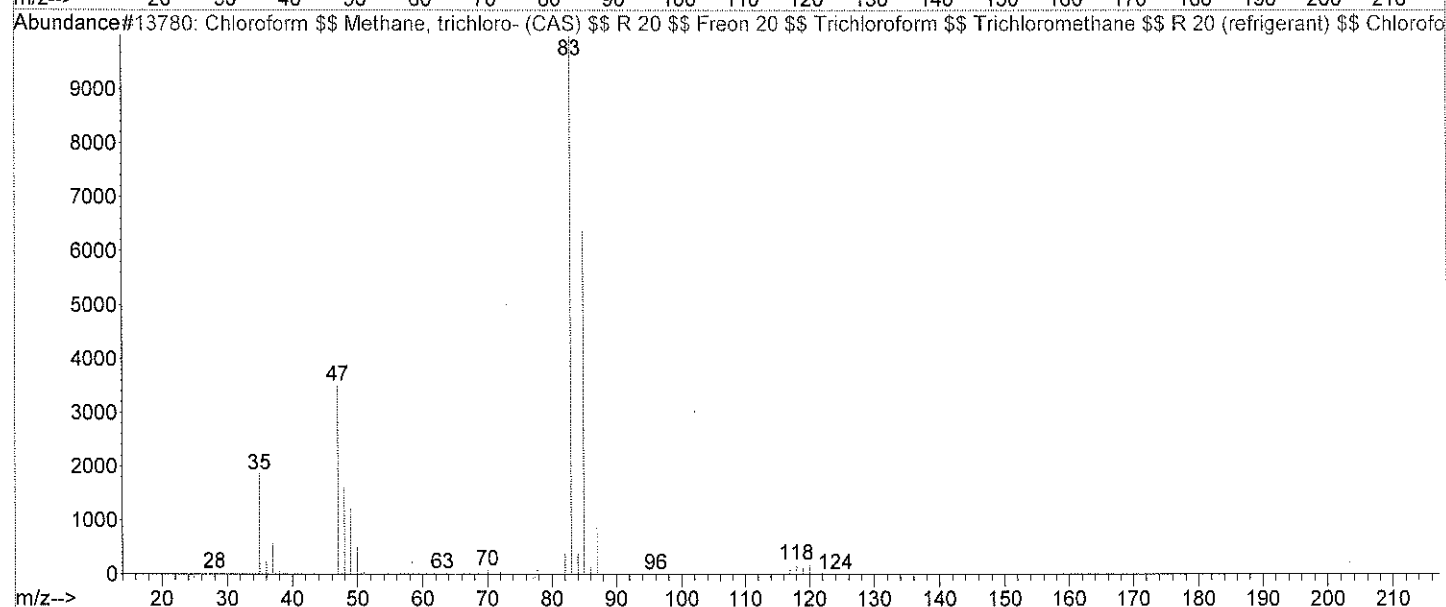
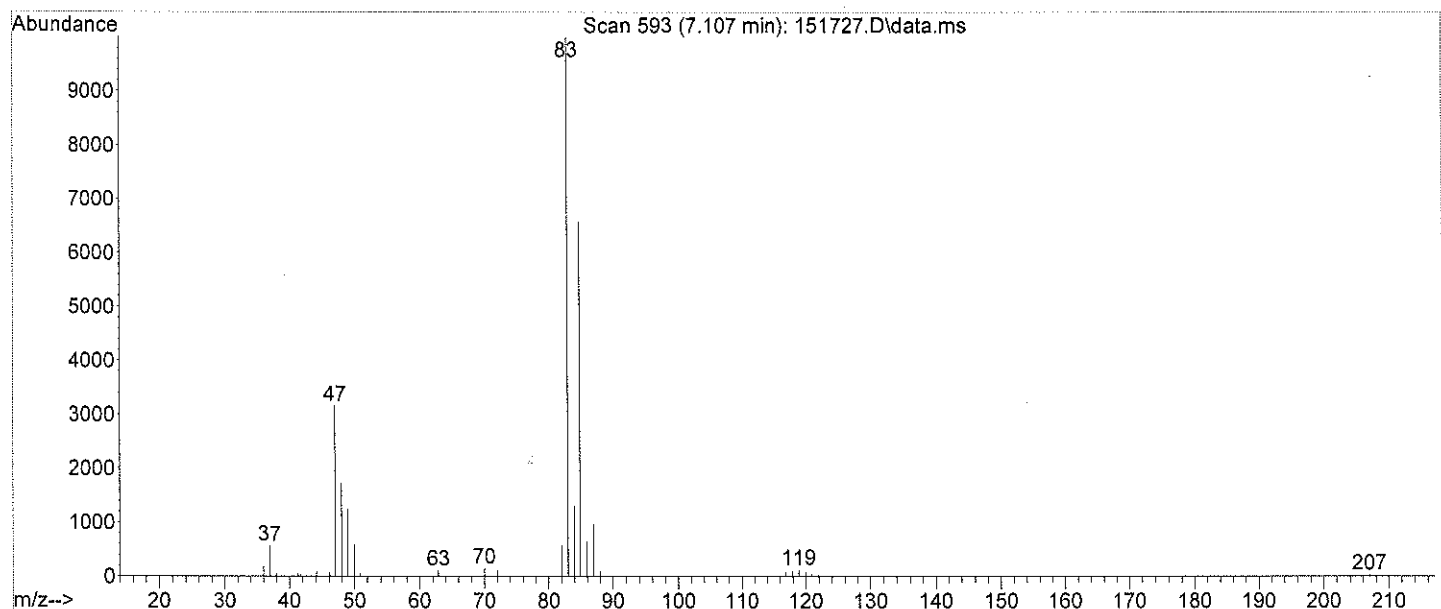
Quant Time: Aug 29 17:53:15 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Library Searched : C:\Database\WILEY275.L

Quality : 83

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 : C:\msdchem\1\DATA\181517\
 Data File : 151727.D
 Acq On : 24 Aug 2016 3:55 am
 Operator : SEDS
 Sample : 2566149
 Misc : RUN181519
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 29 17:54:18 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	85931	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	126819	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	97851	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34211	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	82597	26.71	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 133.55%#	
39) STOLUENE-D8	10.690	98	155257	19.85	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 99.25%	
59) S4BRFLUOROBENZENE	15.594	95	31849	14.01	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 70.05%#	

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	3.797	94	152	N.D.		
6) CHLOROETHANE	3.848	64	359	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	4.884	142	393	N.D.		
12) CARBON DISULFIDE	4.772	76	861	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	1088	N.D.		
15) TRANS12DICLETHENE	5.412	96	1030	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.858	43	172	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	7.107	83	79151	10.19	µg/L	99
22) BROMOCHLOROMETHANE	0.000		0	N.D.	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	7.269	117	86	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	9.452	83	733	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	10.782	91	170	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\181517\
 Data File : 151727.D
 Acq On : 24 Aug 2016 3:55 am
 Operator : SEDS
 Sample : 2566149
 Misc : RUN181519
 ALS Vial : 28 Sample Multiplier: 1

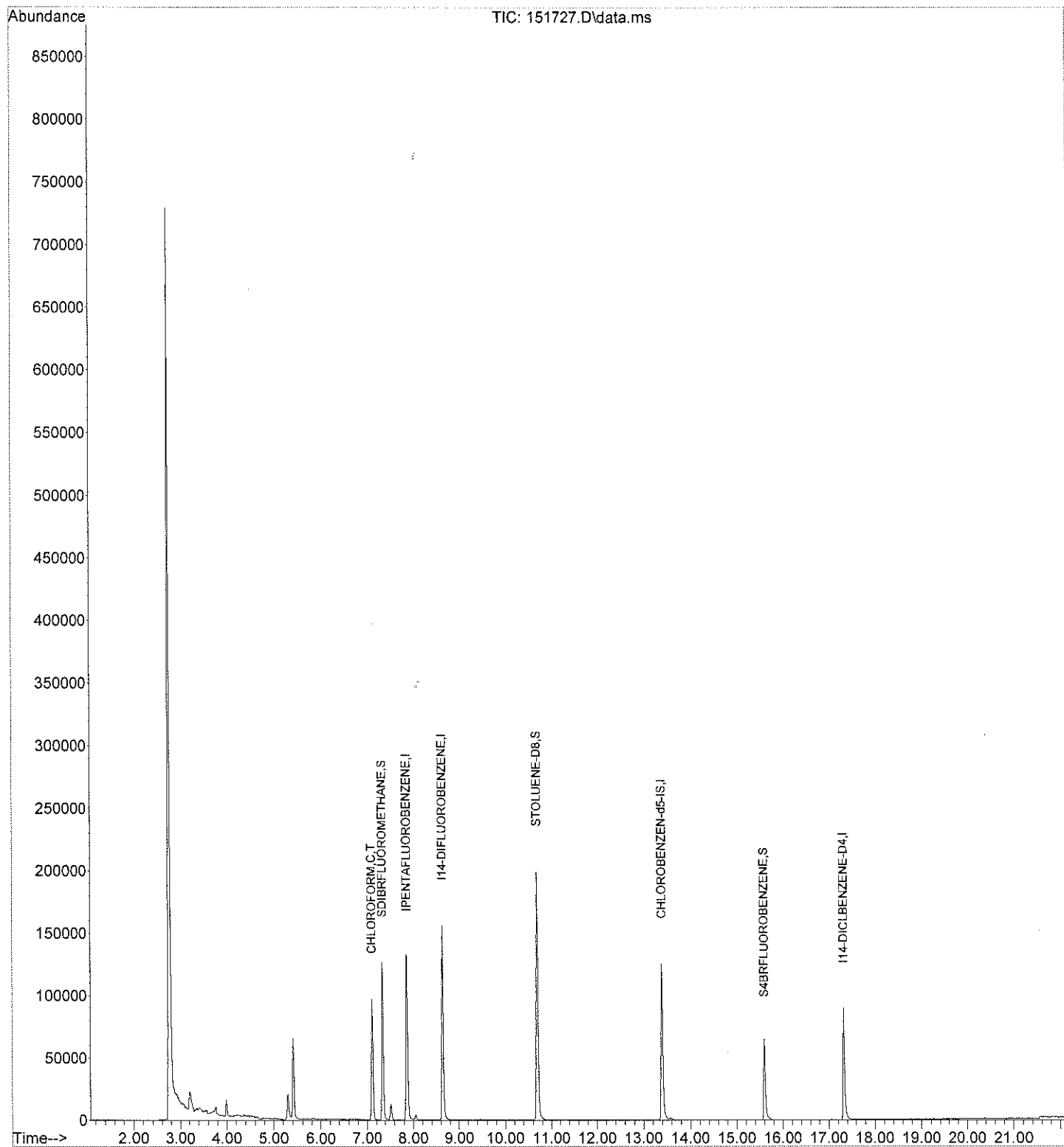
Quant Time: Aug 29 17:54:18 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	145	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	15.604	77	76	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151727.D
Acq On : 24 Aug 2016 3:55 am
Operator : SEDS
Sample : 2566149
Misc : RUN181519
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 29 17:54:18 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151728.D
 Acq On : 24 Aug 2016 4:20 am
 Operator : SEDS
 Sample : 2566150
 Misc : RUN181517
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 29 17:55:32 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	88061	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	125656	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	101039	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33194	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	81369	26.56	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 132.80%#	
39) STOLUENE-D8	10.690	98	157664	20.35	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 101.75%	
59) S4BRFLUOROBENZENE	15.594	95	32091	13.67	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 68.35%#	

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	3.787	94	382	N.D.		
6) CHLOROETHANE	4.092	64	455	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	4.873	142	326	N.D.		
12) CARBON DISULFIDE	4.772	76	648	N.D.		
13) ACRYLONITRILE	0.000		0	N.D.		
14) DICHLOROMETHANE	5.320	84	636	N.D.		
15) TRANS12DICLETHENE	5.422	96	753	N.D.		
16) 11-DICHLOROETHANE	0.000		0	N.D.		
17) VINYL ACETATE	0.000		0	N.D.		
18) 2-BUTANONE	7.848	43	306	N.D.		
19) CIS12DICHLOROETHENE	0.000		0	N.D.		
20) 22-DICHLOROPROPANE	0.000		0	N.D.		
21) CHLOROFORM	0.000		0	N.D.	d	
22) BROMOCHLOROMETHANE	7.107	49	1369	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	7.269	117	70	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	10.772	91	209	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\181517\
 Data File : 151728.D
 Acq On : 24 Aug 2016 4:20 am
 Operator : SEDS
 Sample : 2566150
 Misc : RUN181517
 ALS Vial : 29 Sample Multiplier: 1

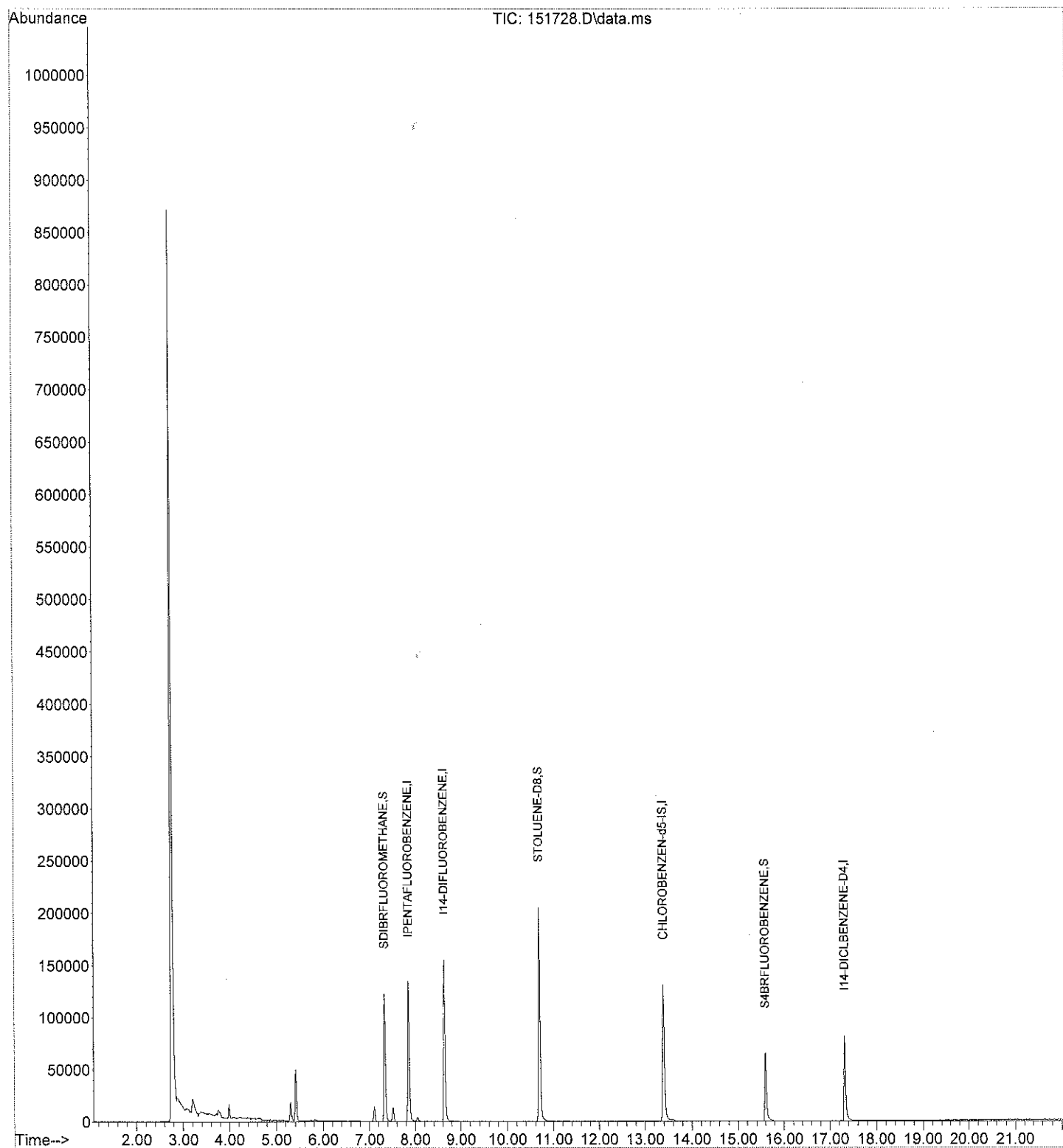
Quant Time: Aug 29 17:55:32 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	0.000		0	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	15.604	77	64	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151728.D
Acq On : 24 Aug 2016 4:20 am
Operator : SEDS
Sample : 2566150
Misc : RUN181517
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 29 17:55:32 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151730.D
 Acq On : 24 Aug 2016 5:12 am
 Operator : SEDS
 Sample : 2567948
 Misc : RUN181519
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 29 17:57:27 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	87905	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	125991	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	95061	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	33349	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	82815	26.96	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	134.80%#
39) STOLUENE-D8	10.690	98	154126	19.84	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	99.20%
59) S4BRFLUOROBENZENE	15.594	95	30885	13.98	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	69.90%#

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	3.787	94	407	N.D.	
6) CHLOROETHANE	4.102	64	494	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	4.883	142	437	N.D.	
12) CARBON DISULFIDE	4.782	76	668	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	735	N.D.	
15) TRANS12DICLETHENE	5.422	96	817	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	234	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	376	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	786	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	7.249	117	158	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	10.772	91	154	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\181517\
 Data File : 151730.D
 Acq On : 24 Aug 2016 5:12 am
 Operator : SEDS
 Sample : 2567948
 Misc : RUN181519
 ALS Vial : 31 Sample Multiplier: 1

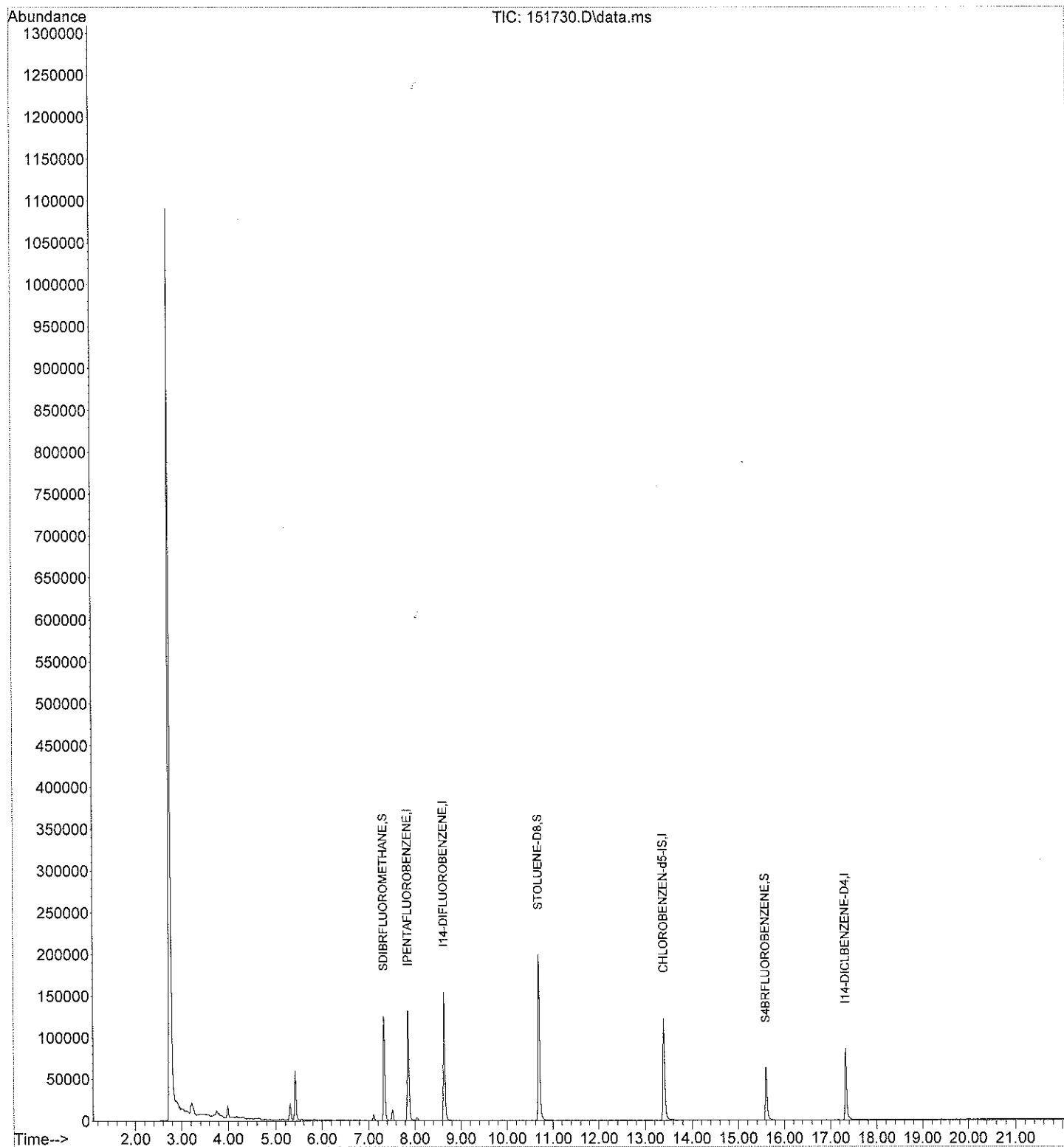
Quant Time: Aug 29 17:57:27 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	79	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	15.594	77	74	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151730.D
Acq On : 24 Aug 2016 5:12 am
Operator : SEDS
Sample : 2567948
Misc : RUN181519
ALS Vial : 31 Sample Multiplier: 1

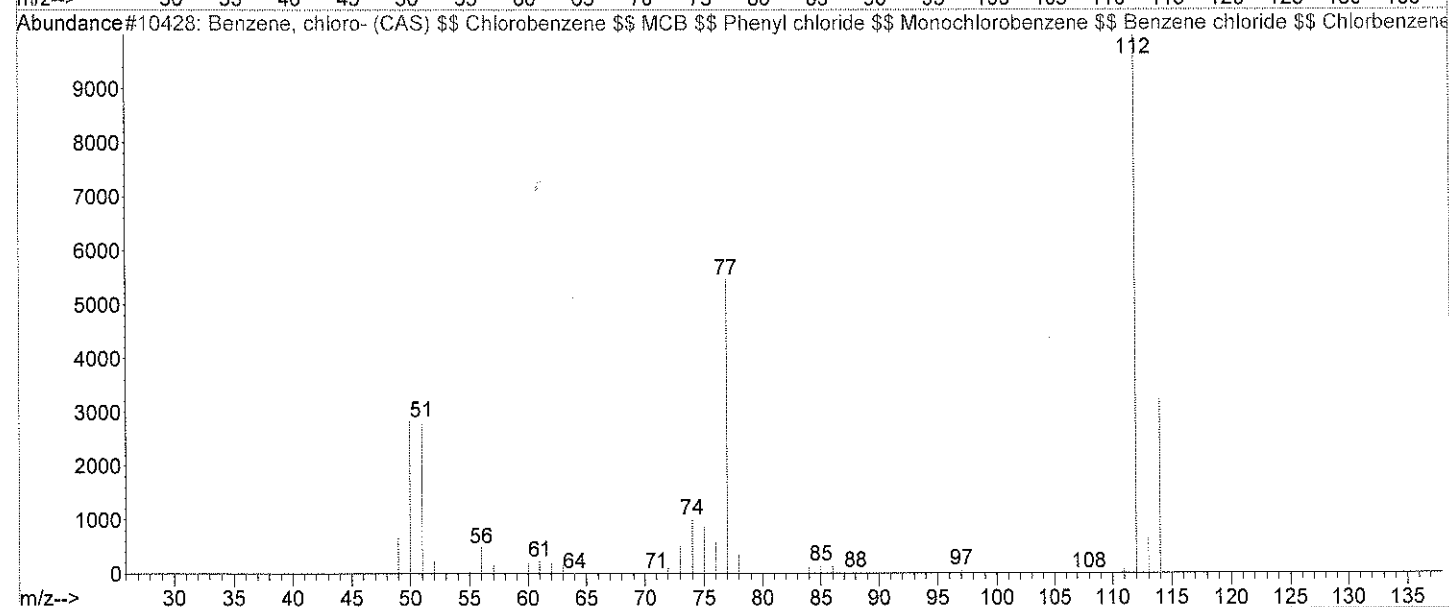
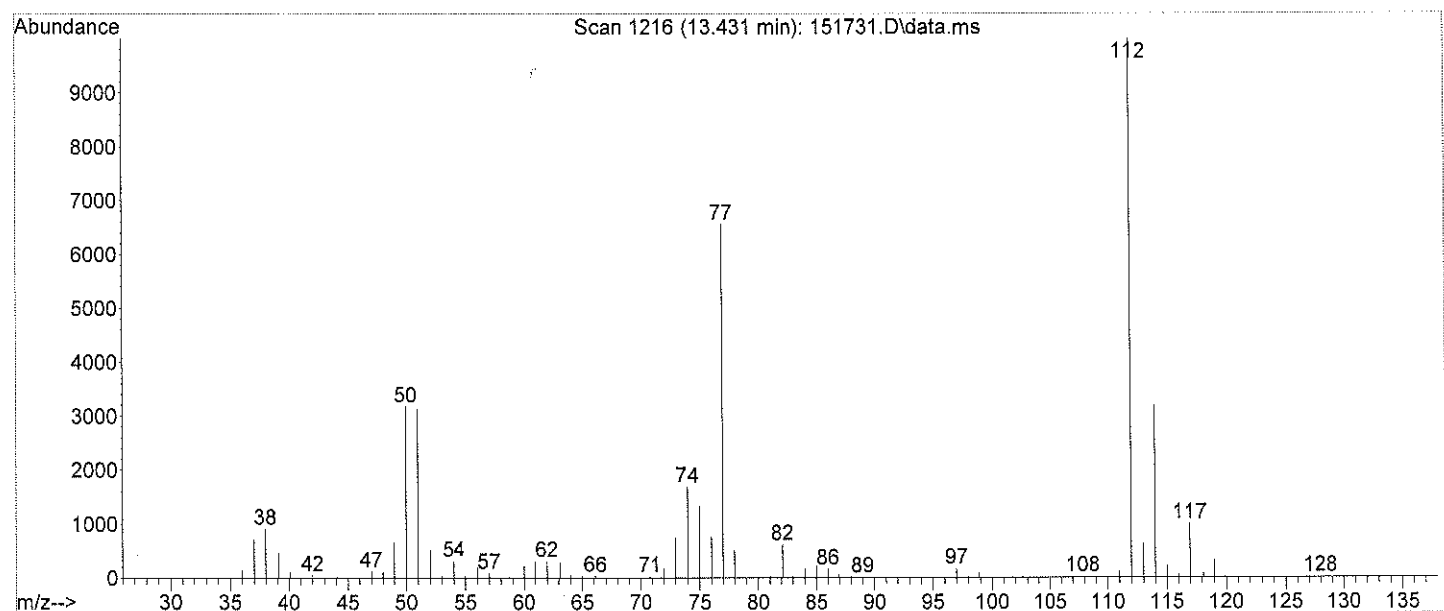
Quant Time: Aug 29 17:57:27 2016
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Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



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



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151731.D
 Acq On : 24 Aug 2016 5:38 am
 Operator : SEDS
 Sample : 2568354
 Misc : RUN181517
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 29 17:58:41 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	87323	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	126363	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	107483	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	34700	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	80950	26.28	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	131.40%#
39) STOLUENE-D8	10.690	98	156134	20.04	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	100.20%
59) S4BRFLUOROBENZENE	15.594	95	32780	13.13	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	=	65.65%#

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	3.787	94	451	N.D.	
6) CHLOROETHANE	4.061	64	492	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	4.884	142	328	N.D.	
12) CARBON DISULFIDE	4.772	76	756	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	411	N.D.	
15) TRANS12DICLETHENE	5.503	96	70	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	369	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	348	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	841	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	7.269	117	172	N.D.	
30) BENZENE	0.000		0	N.D.	d
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	9.381	63	64	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	10.782	91	504	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\181517\
 Data File : 151731.D
 Acq On : 24 Aug 2016 5:38 am
 Operator : SEDS
 Sample : 2568354
 Misc : RUN181517
 ALS Vial : 32 Sample Multiplier: 1

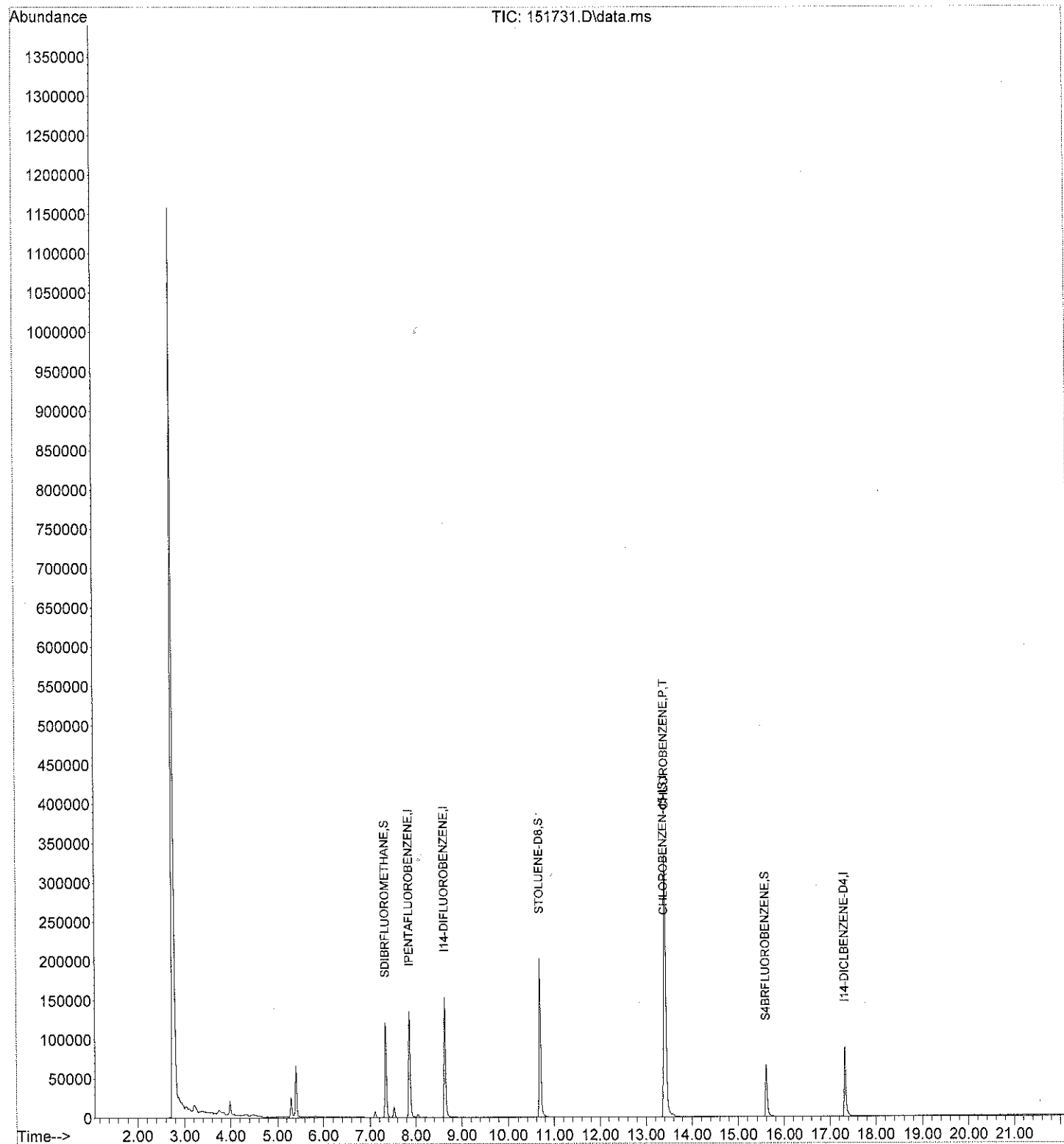
Quant Time: Aug 29 17:58:41 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	208652	30.29	µg/L	91
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	147	N.D.		
53) MP-XYLENE	13.716	91	157	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151731.D
Acq On : 24 Aug 2016 5:38 am
Operator : SEDS
Sample : 2568354
Misc : RUN181517
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 29 17:58:41 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151732.D
 Acq On : 24 Aug 2016 6:04 am
 Operator : SEDS
 Sample : 2568354DUP/2569459
 Misc : RUN181519
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 29 17:59:29 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	108005	20.00	µg/L	0.00
23) I14-DIFLUOROBENZENE	8.640	114	151740	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	129306	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	35282	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	80330	21.71	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	108.55%
39) STOLUENE-D8	10.691	98	189555	20.26	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.30%
59) S4BRFLUOROBENZENE	15.604	95	34037	11.33	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	56.65%#

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	3.797	94	379	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	4.884	142	250	N.D.	
12) CARBON DISULFIDE	4.772	76	868	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.310	84	458	N.D.	
15) TRANS12DICLETHENE	5.412	96	1662	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.868	43	304	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.117	83	338	N.D.	
22) BROMOCHLOROMETHANE	7.117	49	597	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	7.259	117	274	N.D.	
30) BENZENE	7.878	78	6350	N.D.	
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	9.381	63	61	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	10.691	57	144	N.D.	
37) 4METHYL-2-PENTANONE	0.000		0	N.D.	
38) CIS13DICLPROPENE	0.000		0	N.D.	
40) TOLUENE	10.772	91	693	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\181517\
 Data File : 151732.D
 Acq On : 24 Aug 2016 6:04 am
 Operator : SEDS
 Sample : 2568354DUP/2569459
 Misc : RUN181519
 ALS Vial : 33 Sample Multiplier: 1

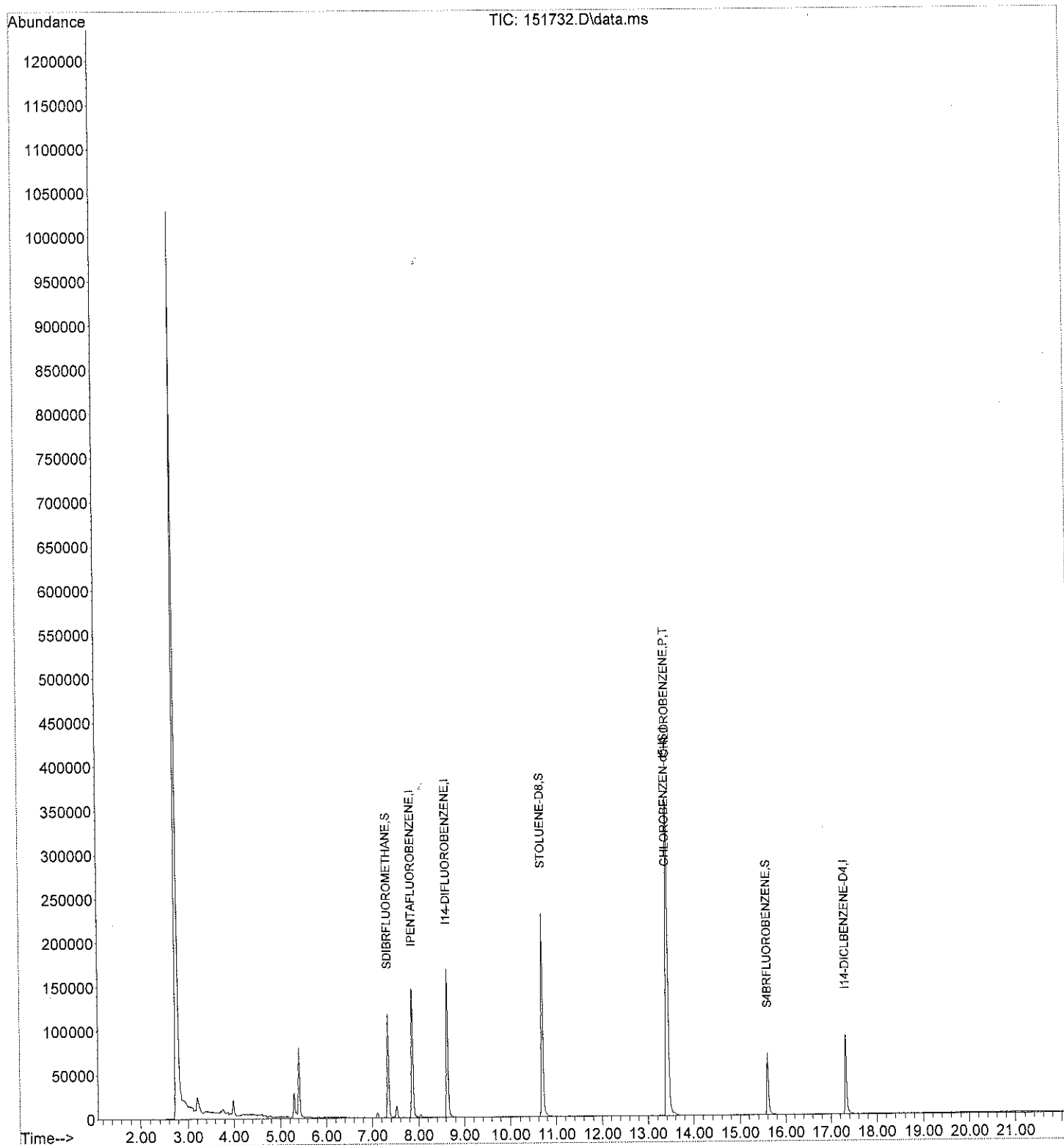
Quant Time: Aug 29 17:59:29 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.432	112	245472	29.62	µg/L	88
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.391	91	147	N.D.		
53) MP-XYLENE	13.726	91	133	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	15.614	77	150	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151732.D
Acq On : 24 Aug 2016 6:04 am
Operator : SEDS
Sample : 2568354DUP/2569459
Misc : RUN181519
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 29 17:59:29 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B, 624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151733.D
 Acq On : 24 Aug 2016 6:30 am
 Operator : SEDS
 Sample : 2567948MS/2569463
 Misc : RUN181519
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 29 18:07:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	96704	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	140419	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	137142	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.320	152	70047	20.00	µg/L	-0.01

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	88618	25.88	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 129.40%#	
39) STOLUENE-D8	10.690	98	166984	19.28	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 96.40%	
59) S4BRFLUOROBENZENE	15.594	95	56784	17.82	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 89.10%	

Target Compounds						Qvalue
2) DICLDIFLUOROMETHANE	2.985	85	78312	27.94	µg/L	99
3) CHLOROMETHANE	3.259	50	68019	27.39	µg/L	# 98
4) VINYL CHLORIDE	3.371	62	75987m	27.81	µg/L	
5) BROMOMETHANE	3.787	94	96973m	26.01	µg/L	
6) CHLOROETHANE	3.939	64	49964	24.18	µg/L	99
7) TRICLFLUOROMETHANE	4.102	101	239666	21.58	µg/L	100
8) ACROLEIN	5.046	56	482176	648.60	µg/L	# 98
9) ACETONE	5.350	43	152078m	119.92	µg/L	
10) 11-DICHLOROETHENE	4.691	61	116784	23.01	µg/L	95
11) IODOMETHANE	4.883	142	492555m	121.08	µg/L	
12) CARBON DISULFIDE	4.782	76	839123m	100.38	µg/L	
13) ACRYLONITRILE	6.244	53	157360	79.91	µg/L	98
14) DICHLOROMETHANE	5.320	84	77433m	19.86	µg/L	
15) TRANS12DICLETHENE	5.503	96	93047m	25.57	µg/L	
16) 11-DICHLOROETHANE	6.193	63	186815m	24.80	µg/L	
17) VINYL ACETATE	6.396	43	1251170	140.03	µg/L	96
18) 2-BUTANONE	7.472	43	232496	85.25	µg/L	94
19) CIS12DICHLOROETHENE	6.822	96	115772	26.06	µg/L	91
20) 22-DICHLOROPROPANE	6.944	77	102868	12.66	µg/L	98
21) CHLOROFORM	7.107	83	217001m	24.81	µg/L	
22) BROMOCHLOROMETHANE	7.066	49	127242	23.40	µg/L	# 71
25) TETRAHYDROFURAN	7.350	42	22917	19.80	µg/L	# 87
26) 111-TRICHLOROETHANE	7.421	97	218547	27.13	µg/L	99
27) 11-DICHLOROPROPENE	7.564	75	99367	22.62	µg/L	99
28) 12-DICHLOROETHANE	8.132	62	181808m	25.04	µg/L	
29) CARBONTETRACHLORIDE	7.340	117	168085m	25.05	µg/L	
30) BENZENE	7.878	78	304412	25.85	µg/L	# 94
31) TRICHLOROETHENE	8.640	132	74816	23.97	µg/L	# 90
32) 12-DICHLOROPROPANE	9.381	63	74513	24.22	µg/L	# 88
33) DIBROMOMETHANE	9.249	174	54645	22.88	µg/L	85
34) BROMODICLMEthane	9.442	83	141859m	23.79	µg/L	
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	10.761	57	121084	393.92	µg/L	80
37) 4METHYL-2-PENTANONE	11.330	43	526149	110.71	µg/L	# 89
38) CIS13DICLPROPENE	10.386	75	83776	14.77	µg/L	92
40) TOLUENE	10.772	91	302519	23.53	µg/L	100
41) TRANS13DICLPROPENE	11.421	75	108803	20.14	µg/L	86
42) 112-TRICHLOROETHANE	11.706	97	74190	23.64	µg/L	# 87
43) 2-HEXANONE	12.782	43	337562	97.52	µg/L	# 88
44) 13-DICHLOROPROPANE	12.193	76	117091	22.68	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	96165	24.21	µg/L	99

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151733.D
 Acq On : 24 Aug 2016 6:30 am
 Operator : SEDS
 Sample : 2567948MS/2569463
 Misc : RUN181519
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 29 18:07:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

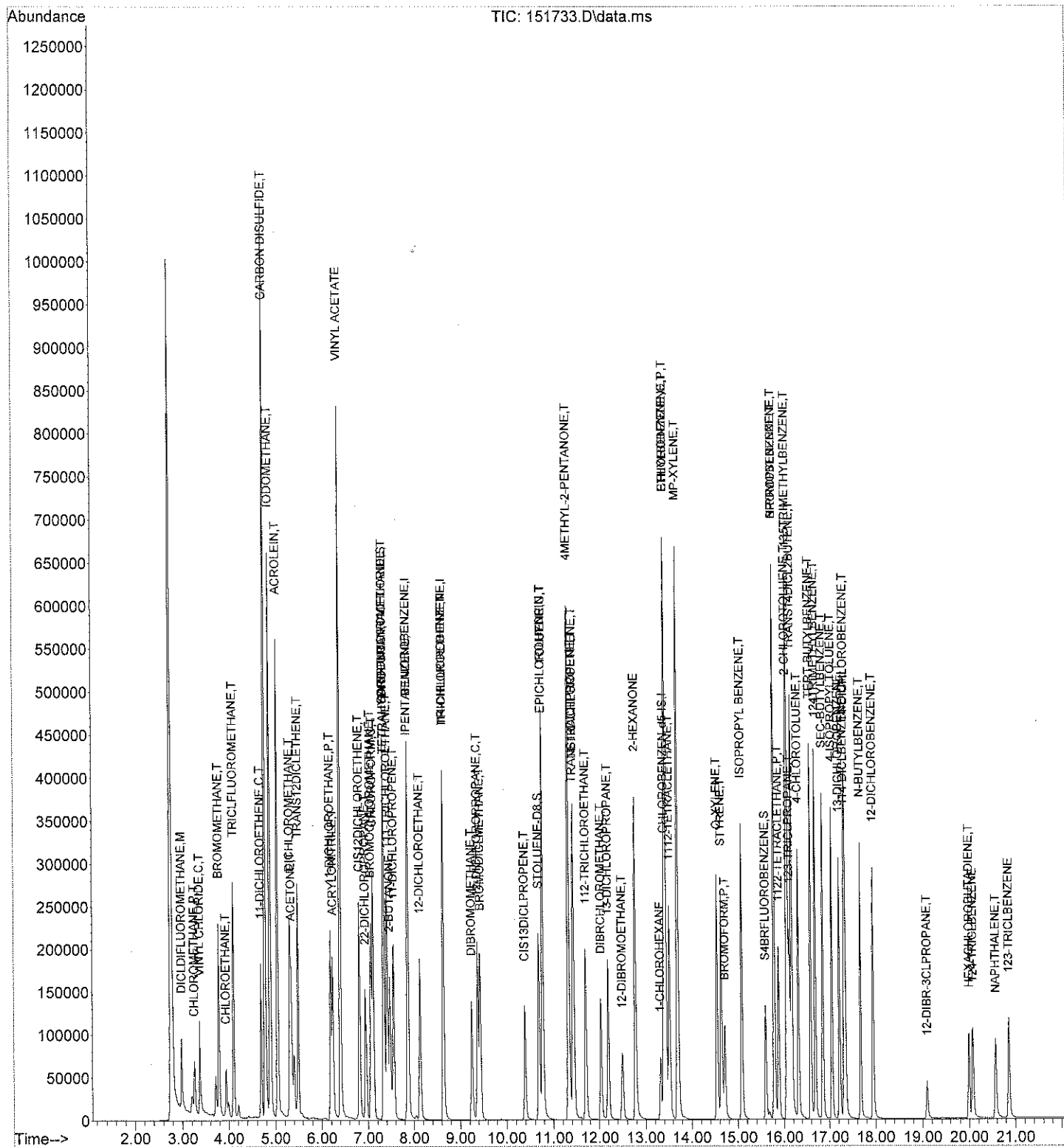
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.431	166	77986	17.56	µg/L #	90
47) 12-DIBROMOETHANE	12.497	107	67377	23.04	µg/L	97
49) CHLOROBENZENE	13.431	112	202866	23.08	µg/L	92
50) 1-CHLOROHEXANE	13.320	91	40145m	11.89	µg/L	
51) 1112-TETRACLETHANE	13.523	131	94001	24.79	µg/L	97
52) ETHYLBENZENE	13.431	91	327742	20.39	µg/L	98
53) MP-XYLENE	13.705	91	522010	38.27	µg/L	97
54) STYRENE	14.639	104	158962	16.02	µg/L	95
55) O-XYLENE	14.548	91	204266	14.71	µg/L	98
56) BROMOFORM	14.721	173	62618	21.81	µg/L	99
57) 1122-TETRACLETHANE	15.888	83	100583	22.44	µg/L	100
58) ISOPROPYL BENZENE	15.086	105	251322	16.14	µg/L	95
60) 123-TRICLPROPANE	16.122	110	38116	23.94	µg/L	89
61) TRANS14DICL2BUTENE	16.172	53	151230	90.29	µg/L	89
62) BROMOBENZENE	15.787	77	173584	21.05	µg/L	92
63) N-PROPYLBENZENE	15.787	91	318113	17.60	µg/L	96
64) 2-CHLOROTOLUENE	16.061	91	259031	19.24	µg/L	70
65) 4-CHLOROTOLUENE	16.314	91	216865	17.69	µg/L	95
66) 135TRIMETHYLBENZENE	16.081	105	287764	20.21	µg/L	98
67) TERT-BUTYLBENZENE	16.589	119	193780	18.98	µg/L	90
68) 124TRIMETHYLBENZENE	16.700	105	270592	19.58	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	256954	17.93	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	127188	18.97	µg/L	93
72) 4-ISOPROPYLTOLUENE	17.066	119	215791	18.41	µg/L	97
73) 14-DICHLOROBENZENE	17.340	146	131171	20.79	µg/L	91
74) 12-DICHLOROBENZENE	17.949	146	125136	21.37	µg/L	96
75) N-BUTYLBENZENE	17.675	91	177404	17.17	µg/L	96
76) 12-DIBR-3CLPROPANE	19.096	157	12163	14.79	µg/L #	78
77) 124-TRICLBENZENE	20.081	180	44311	15.16	µg/L #	90
78) NAPHTHALENE	20.578	128	105724	13.53	µg/L	96
79) HEXACHLOROBUTADIENE	20.000	225	24462	18.38	µg/L	99
80) 123-TRICLBENZENE	20.863	182	45258	15.72	µg/L	93

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

(QT Reviewed)

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151733.D
Acq On : 24 Aug 2016 6:30 am
Operator : SEDS
Sample : 2567948MS/2569463
Misc : RUN181519
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 29 18:07:05 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151734.D
 Acq On : 24 Aug 2016 6:55 am
 Operator : SEDS
 Sample : LFB/2569461
 Misc : RUN181519
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 29 18:08:49 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	98461	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	143982	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	138100	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.319	152	75283	20.00	µg/L	-0.01

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	85124	24.25	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	121.25%#
39) STOLUENE-D8	10.690	98	174343	19.64	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	98.20%
59) S4BRFLUOROBENZENE	15.604	95	59984	18.69	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	93.45%

Target Compounds						Qvalue
2) DICLDIFLUOROMETHANE	2.985	85	71593	25.09	µg/L	98
3) CHLOROMETHANE	3.259	50	71452	28.26	µg/L #	98
4) VINYL CHLORIDE	3.376	62	92198	33.14	µg/L	96
5) BROMOMETHANE	3.787	94	115298	30.38	µg/L	99
6) CHLOROETHANE	3.939	64	53319	25.34	µg/L	100
7) TRICLFLUOROMETHANE	4.102	101	240749	21.29	µg/L	99
8) ACROLEIN	5.046	56	446546	589.95	µg/L #	97
9) ACETONE	5.350	43	213756	165.54	µg/L	97
10) 11-DICHLOROETHENE	4.691	61	111118	21.50	µg/L	93
11) IODOMETHANE	4.883	142	605772	146.25	µg/L	89
12) CARBON DISULFIDE	4.772	76	1349546	158.55	µg/L #	95
13) ACRYLONITRILE	6.234	53	158150	78.86	µg/L	98
14) DICHLOROMETHANE	5.320	84	108006	27.20	µg/L	87
15) TRANS12DICLETHENE	5.503	96	90702	24.48	µg/L	91
16) 11-DICHLOROETHANE	6.193	63	198589	25.94	µg/L	100
17) VINYL ACETATE	6.406	43	1036478	113.93	µg/L	97
18) 2-BUTANONE	7.472	43	220607	79.45	µg/L	96
19) CIS12DICHLOROETHENE	6.812	96	95094	21.02	µg/L #	84
20) 22-DICHLOROPROPANE	6.954	77	91133	11.01	µg/L	97
21) CHLOROFORM	7.107	83	210763	23.67	µg/L	99
22) BROMOCHLOROMETHANE	7.066	49	102278	18.47	µg/L #	71
25) TETRAHYDROFURAN	7.350	42	22936	19.33	µg/L	87
26) 111-TRICHLOROETHANE	7.411	97	194761	23.58	µg/L	96
27) 11-DICHLOROPROPENE	7.564	75	94866	21.06	µg/L	98
28) 12-DICHLOROETHANE	8.132	62	188546	25.33	µg/L #	99
29) CARBONTETRACHLORIDE	7.340	117	179032	26.02	µg/L	99
30) BENZENE	7.878	78	274350	22.72	µg/L #	95
31) TRICHLOROETHENE	8.640	132	69952	21.85	µg/L #	91
32) 12-DICHLOROPROPANE	9.381	63	68947	21.85	µg/L #	89
33) DIBROMOMETHANE	9.249	174	51683	21.11	µg/L #	83
34) BROMODICLMEthane	9.442	83	147472	24.12	µg/L	99
35) 2-CLETHYLVINYLETHER	10.223	63	25392	86.57	µg/L #	79
36) EPICHLOROHYDRIN	10.761	57	133688	424.16	µg/L	85
37) 4METHYL-2-PENTANONE	11.330	43	505407	103.72	µg/L #	89
38) CIS13DICLPROPENE	10.386	75	95540	16.43	µg/L	90
40) TOLUENE	10.772	91	280127	21.25	µg/L	99
41) TRANS13DICLPROPENE	11.421	75	103067	18.61	µg/L	85
42) 112-TRICHLOROETHANE	11.706	97	71156	22.11	µg/L #	87
43) 2-HEXANONE	12.782	43	328218	92.47	µg/L #	88
44) 13-DICHLOROPROPANE	12.193	76	110530	20.88	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	92607	22.74	µg/L	99

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151734.D
 Acq On : 24 Aug 2016 6:55 am
 Operator : SEDS
 Sample : LFB/2569461
 Misc : RUN181519
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 29 18:08:49 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

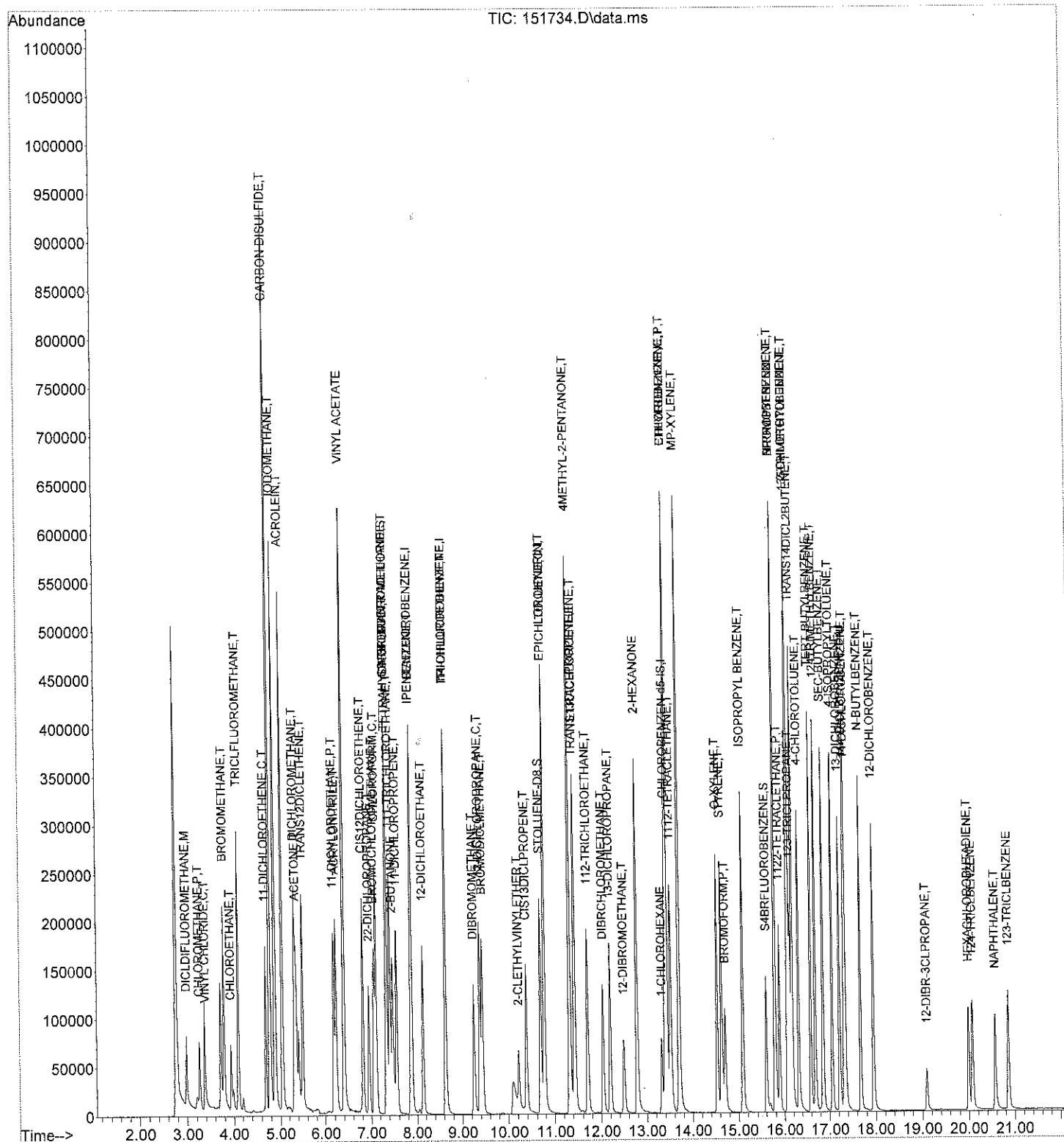
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.431	166	75924	16.67	µg/L #	91
47) 12-DIBROMOETHANE	12.497	107	64897	21.64	µg/L	99
49) CHLOROBENZENE	13.431	112	189673	21.43	µg/L	92
50) 1-CHLOROHEXANE	13.330	91	23486	6.91	µg/L #	81
51) 1112-TETRACLETHANE	13.523	131	89861	23.53	µg/L	97
52) ETHYLBENZENE	13.431	91	306776	18.95	µg/L	97
53) MP-XYLENE	13.705	91	494454	36.00	µg/L	98
54) STYRENE	14.639	104	151135	15.13	µg/L	94
55) O-XYLENE	14.548	91	191893	13.72	µg/L	98
56) BROMOFORM	14.721	173	60906	21.07	µg/L	98
57) 1122-TETRACLETHANE	15.888	83	96213	21.31	µg/L	99
58) ISOPROPYL BENZENE	15.086	105	234415	14.95	µg/L	95
60) 123-TRICLPROPANE	16.122	110	36476	22.75	µg/L	89
61) TRANS14DICL2BUTENE	16.172	53	143789	85.26	µg/L	90
62) BROMOBENZENE	15.787	77	168070	20.24	µg/L	92
63) N-PROPYLBENZENE	15.787	91	313901	17.25	µg/L	96
64) 2-CHLOROTOLUENE	16.071	91	250768	18.49	µg/L	71
65) 4-CHLOROTOLUENE	16.325	91	216037	17.50	µg/L	98
66) 135TRIMETHYLBENZENE	16.081	105	274864	19.17	µg/L	99
67) TERT-BUTYLBENZENE	16.589	119	186523	18.15	µg/L	90
68) 124TRIMETHYLBENZENE	16.700	105	259125	18.62	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	257460	17.84	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	127344	18.86	µg/L	92
72) 4-ISOPROPYLTOLUENE	17.066	119	221131	17.55	µg/L	98
73) 14-DICHLOROBENZENE	17.350	146	134551	19.84	µg/L	91
74) 12-DICHLOROBENZENE	17.949	146	125311	19.91	µg/L	96
75) N-BUTYLBENZENE	17.675	91	186300	16.77	µg/L	97
76) 12-DIBR-3CLPROPANE	19.096	157	11844	13.40	µg/L #	82
77) 124-TRICLBENZENE	20.081	180	47700	15.19	µg/L #	88
78) NAPHTHALENE	20.578	128	111402	13.26	µg/L	95
79) HEXACHLOROBUTADIENE	20.000	225	26558	18.57	µg/L	97
80) 123-TRICLBENZENE	20.862	182	46259	14.95	µg/L	93

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

(QT Reviewed)

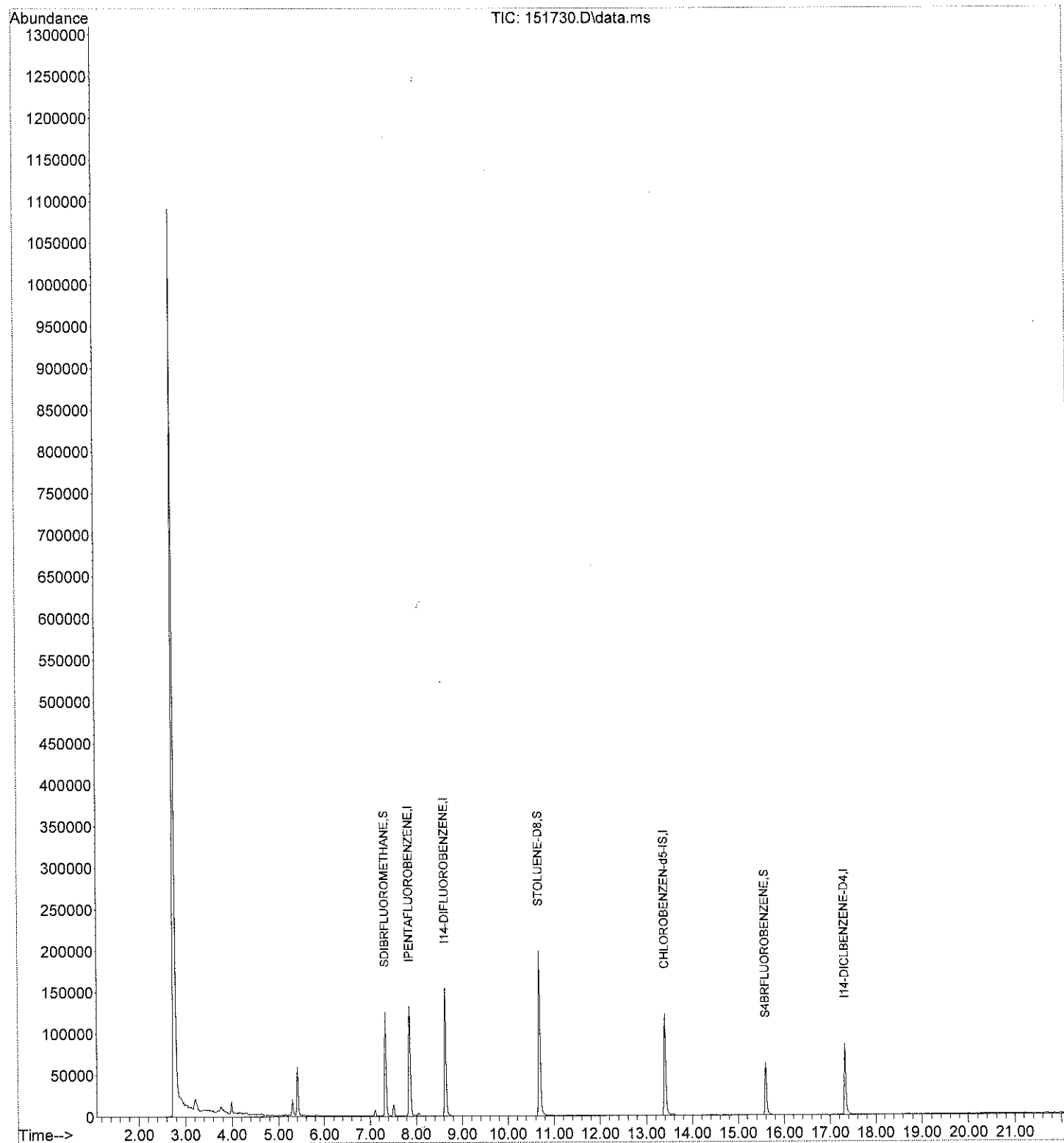
Data Path : C:\msdchem\1\DATA\181517\
Data File : 151734.D
Acq On : 24 Aug 2016 6:55 am
Operator : SEDS
Sample : LFB/2569461
Misc : RUN181519
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 29 18:08:49 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
Data File : 151730.D
Acq On : 24 Aug 2016 5:12 am
Operator : SEDS
Sample : 2567948
Misc : RUN181519
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 29 17:57:27 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
Qlast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151731.D
 Acq On : 24 Aug 2016 5:38 am
 Operator : SEDS
 Sample : 2568354
 Misc : RUN181519
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 29 17:58:41 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	87323	20.00	µg/L	# 0.00
23) 114-DIFLUOROBENZENE	8.640	114	126363	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	107483	20.00	µg/L	0.00
71) 114-DICLBENZENE-D4	17.330	152	34700	20.00	µg/L	0.00

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	80950	26.28	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	=	131.40%#	
39) STOLUENE-D8	10.690	98	156134	20.04	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	=	100.20%	
59) S4BRFLUOROBENZENE	15.594	95	32780	13.13	µg/L	-0.01
Spiked Amount	20.000	Range 80 - 120	Recovery	=	65.65%#	

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	3.787	94	451	N.D.	
6) CHLOROETHANE	4.061	64	492	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	4.884	142	328	N.D.	
12) CARBON DISULFIDE	4.772	76	756	N.D.	
13) ACRYLONITRILE	0.000		0	N.D.	
14) DICHLOROMETHANE	5.320	84	411	N.D.	
15) TRANS12DICLETHENE	5.503	96	70	N.D.	
16) 11-DICHLOROETHANE	0.000		0	N.D.	
17) VINYL ACETATE	0.000		0	N.D.	
18) 2-BUTANONE	7.858	43	369	N.D.	
19) CIS12DICHLOROETHENE	0.000		0	N.D.	
20) 22-DICHLOROPROPANE	0.000		0	N.D.	
21) CHLOROFORM	7.107	83	348	N.D.	
22) BROMOCHLOROMETHANE	7.107	49	841	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	7.269	117	172	N.D.	
30) BENZENE	0.000		0	N.D.	d
31) TRICHLOROETHENE	0.000		0	N.D.	
32) 12-DICHLOROPROPANE	9.381	63	64	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	10.782	91	504	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\181517\
 Data File : 151731.D
 Acq On : 24 Aug 2016 5:38 am
 Operator : SEDS
 Sample : 2568354
 Misc : RUN181519
 ALS Vial : 32 Sample Multiplier: 1

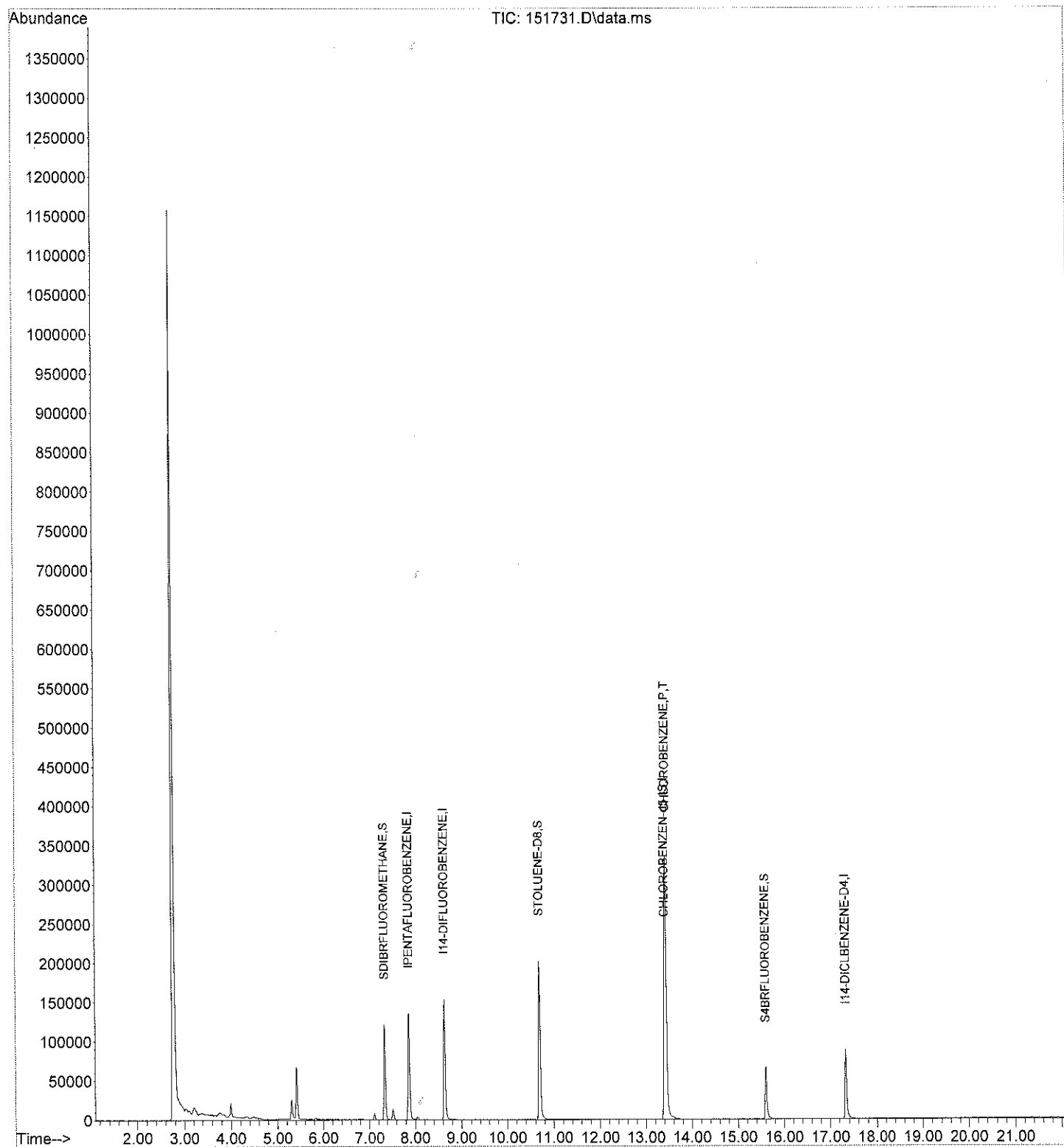
Quant Time: Aug 29 17:58:41 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 Qlast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.431	112	208652	30.29	µg/L	91
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.401	91	147	N.D.		
53) MP-XYLENE	13.716	91	157	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	0.000		0	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151731.D
Acq On : 24 Aug 2016 5:38 am
Operator : SEDS
Sample : 2568354
Misc : RUN181519
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 29 17:58:41 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151732.D
 Acq On : 24 Aug 2016 6:04 am
 Operator : SEDS
 Sample : 2568354DUP/2569459
 Misc : RUN181519
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 29 17:59:29 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 Qlast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	108005	20.00	µg/L	0.00
23) I14-DIFLUOROBENZENE	8.640	114	151740	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	129306	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.330	152	35282	20.00	µg/L	0.00

System Monitoring Compounds

24) SDIBRFLUOROMETHANE	7.340	111	80330	21.71	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	108.55%
39) STOLUENE-D8	10.691	98	189555	20.26	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	101.30%
59) S4BRFLUOROBENZENE	15.604	95	34037	11.33	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	=	56.65%#

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	3.797	94	379	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	4.884	142	250	N.D.
12) CARBON DISULFIDE	4.772	76	868	N.D.
13) ACRYLONITRILE	0.000		0	N.D.
14) DICHLOROMETHANE	5.310	84	458	N.D.
15) TRANS12DICLETHENE	5.412	96	1662	N.D.
16) 11-DICHLOROETHANE	0.000		0	N.D.
17) VINYL ACETATE	0.000		0	N.D.
18) 2-BUTANONE	7.868	43	304	N.D.
19) CIS12DICHLOROETHENE	0.000		0	N.D.
20) 22-DICHLOROPROPANE	0.000		0	N.D.
21) CHLOROFORM	7.117	83	338	N.D.
22) BROMOCHLOROMETHANE	7.117	49	597	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	7.259	117	274	N.D.
30) BENZENE	7.878	78	6350	N.D.
31) TRICHLOROETHENE	0.000		0	N.D.
32) 12-DICHLOROPROPANE	9.381	63	61	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	10.691	57	144	N.D.
37) 4METHYL-2-PENTANONE	0.000		0	N.D.
38) CIS13DICLPROPENE	0.000		0	N.D.
40) TOLUENE	10.772	91	693	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\181517\
 Data File : 151732.D
 Acq On : 24 Aug 2016 6:04 am
 Operator : SEDS
 Sample : 2568354DUP/2569459
 Misc : RUN181519
 ALS Vial : 33 Sample Multiplier: 1

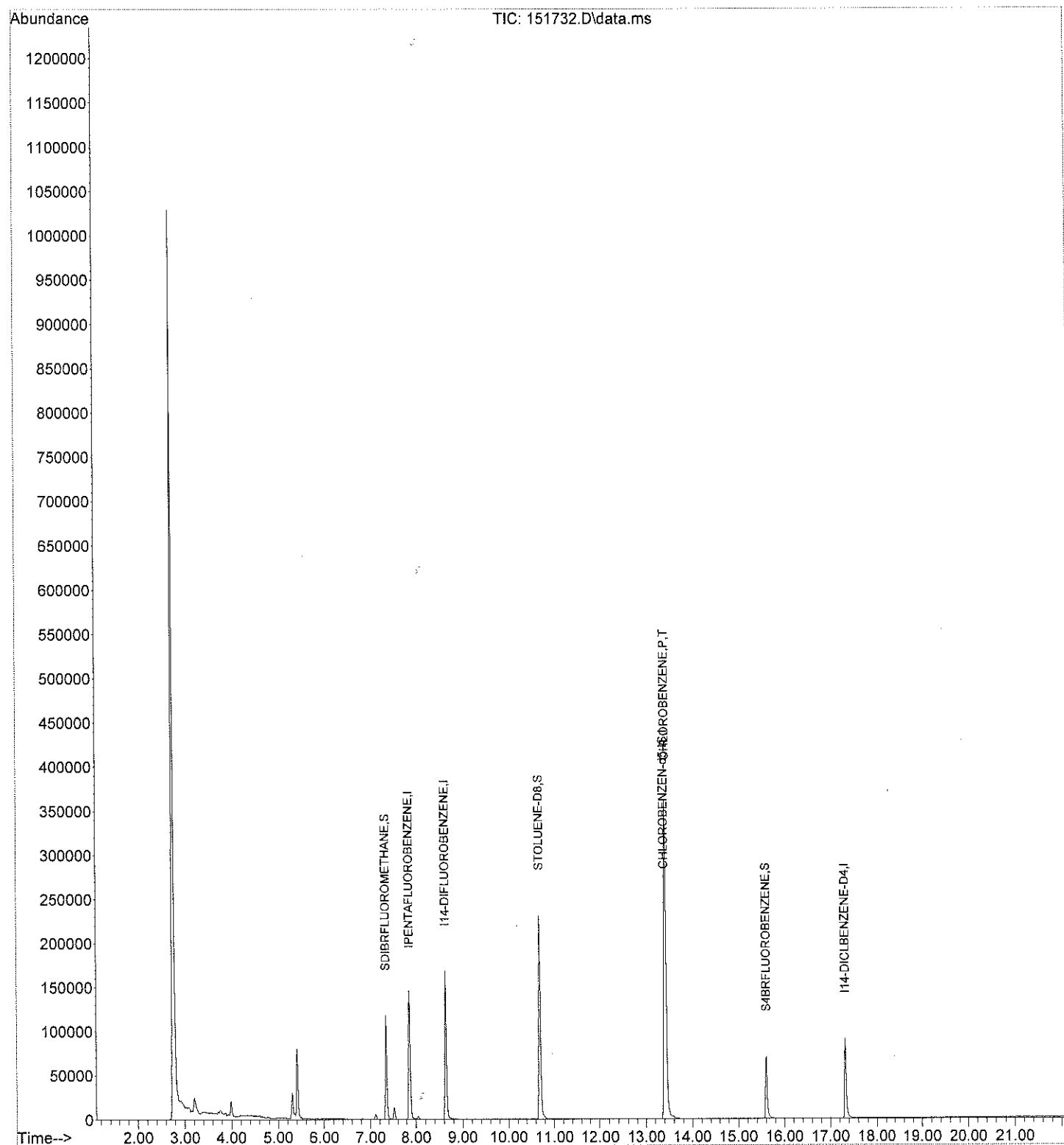
Quant Time: Aug 29 17:59:29 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

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	13.432	112	245472	29.62	µg/L	88
50) 1-CHLOROHEXANE	0.000		0	N.D.		
51) 1112-TETRACLETHANE	0.000		0	N.D.		
52) ETHYLBENZENE	13.391	91	147	N.D.		
53) MP-XYLENE	13.726	91	133	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	15.614	77	150	N.D.		
63) N-PROPYLBENZENE	0.000		0	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\181517\
Data File : 151732.D
Acq On : 24 Aug 2016 6:04 am
Operator : SEDS
Sample : 2568354DUP/2569459
Misc : RUN181519
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 29 17:59:29 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151733.D
 Acq On : 24 Aug 2016 6:30 am
 Operator : SEDS
 Sample : 2567948MS/2569463
 Misc : RUN181519
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 29 18:07:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 Qlast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	96704	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	140419	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	137142	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.320	152	70047	20.00	µg/L	-0.01

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	88618	25.88	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 129.40%#	
39) STOLUENE-D8	10.690	98	166984	19.28	µg/L	0.00
Spiked Amount	20.000	Range	80 - 120	Recovery	= 96.40%	
59) S4BRFLUOROBENZENE	15.594	95	56784	17.82	µg/L	-0.01
Spiked Amount	20.000	Range	80 - 120	Recovery	= 89.10%	

Target Compounds						Qvalue
2) DICLDIFLUOROMETHANE	2.985	85	78312	27.94	µg/L	99
3) CHLOROMETHANE	3.259	50	68019	27.39	µg/L	# 98
4) VINYL CHLORIDE	3.371	62	75987m	27.81	µg/L	
5) BROMOMETHANE	3.787	94	96973m	26.01	µg/L	
6) CHLOROETHANE	3.939	64	49964	24.18	µg/L	99
7) TRICLFLUOROMETHANE	4.102	101	239666	21.58	µg/L	100
8) ACROLEIN	5.046	56	482176	648.60	µg/L	# 98
9) ACETONE	5.350	43	152078m	119.92	µg/L	
10) 11-DICHLOROETHENE	4.691	61	116784	23.01	µg/L	95
11) IODOMETHANE	4.883	142	492555m	121.08	µg/L	
12) CARBON DISULFIDE	4.782	76	839123m	100.38	µg/L	
13) ACRYLONITRILE	6.244	53	157360	79.91	µg/L	98
14) DICHLOROMETHANE	5.320	84	77433m	19.86	µg/L	
15) TRANS12DICLETHENE	5.503	96	93047m	25.57	µg/L	
16) 11-DICHLOROETHANE	6.193	63	186815m	24.80	µg/L	
17) VINYL ACETATE	6.396	43	1251170	140.03	µg/L	96
18) 2-BUTANONE	7.472	43	232496	85.25	µg/L	94
19) CIS12DICHLOROETHENE	6.822	96	115772	26.06	µg/L	91
20) 22-DICHLOROPROPANE	6.944	77	102868	12.66	µg/L	98
21) CHLOROFORM	7.107	83	217001m	24.81	µg/L	
22) BROMOCHLOROMETHANE	7.066	49	127242	23.40	µg/L	# 71
25) TETRAHYDROFURAN	7.350	42	22917	19.80	µg/L	# 87
26) 111-TRICHLOROETHANE	7.421	97	218547	27.13	µg/L	99
27) 11-DICHLOROPROPENE	7.564	75	99367	22.62	µg/L	99
28) 12-DICHLOROETHANE	8.132	62	181808m	25.04	µg/L	
29) CARBONTETRACHLORIDE	7.340	117	168085m	25.05	µg/L	
30) BENZENE	7.878	78	304412	25.85	µg/L	# 94
31) TRICHLOROETHENE	8.640	132	74816	23.97	µg/L	# 90
32) 12-DICHLOROPROPANE	9.381	63	74513	24.22	µg/L	# 88
33) DIBROMOMETHANE	9.249	174	54645	22.88	µg/L	85
34) BROMODICLMETHANE	9.442	83	141859m	23.79	µg/L	
35) 2-CLETHYLVINYLETHER	0.000		0	N.D.		
36) EPICHLOROHYDRIN	10.761	57	121084	393.92	µg/L	80
37) 4METHYL-2-PENTANONE	11.330	43	526149	110.71	µg/L	# 89
38) CIS13DICLPROPENE	10.386	75	83776	14.77	µg/L	92
40) TOLUENE	10.772	91	302519	23.53	µg/L	100
41) TRANS13DICLPROPENE	11.421	75	108803	20.14	µg/L	86
42) 112-TRICHLOROETHANE	11.706	97	74190	23.64	µg/L	# 87
43) 2-HEXANONE	12.782	43	337562	97.52	µg/L	# 88
44) 13-DICHLOROPROPANE	12.193	76	117091	22.68	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	96165	24.21	µg/L	99

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151733.D
 Acq On : 24 Aug 2016 6:30 am
 Operator : SEDS
 Sample : 2567948MS/2569463
 Misc : RUN181519
 ALS Vial : 34 Sample Multiplier: 1

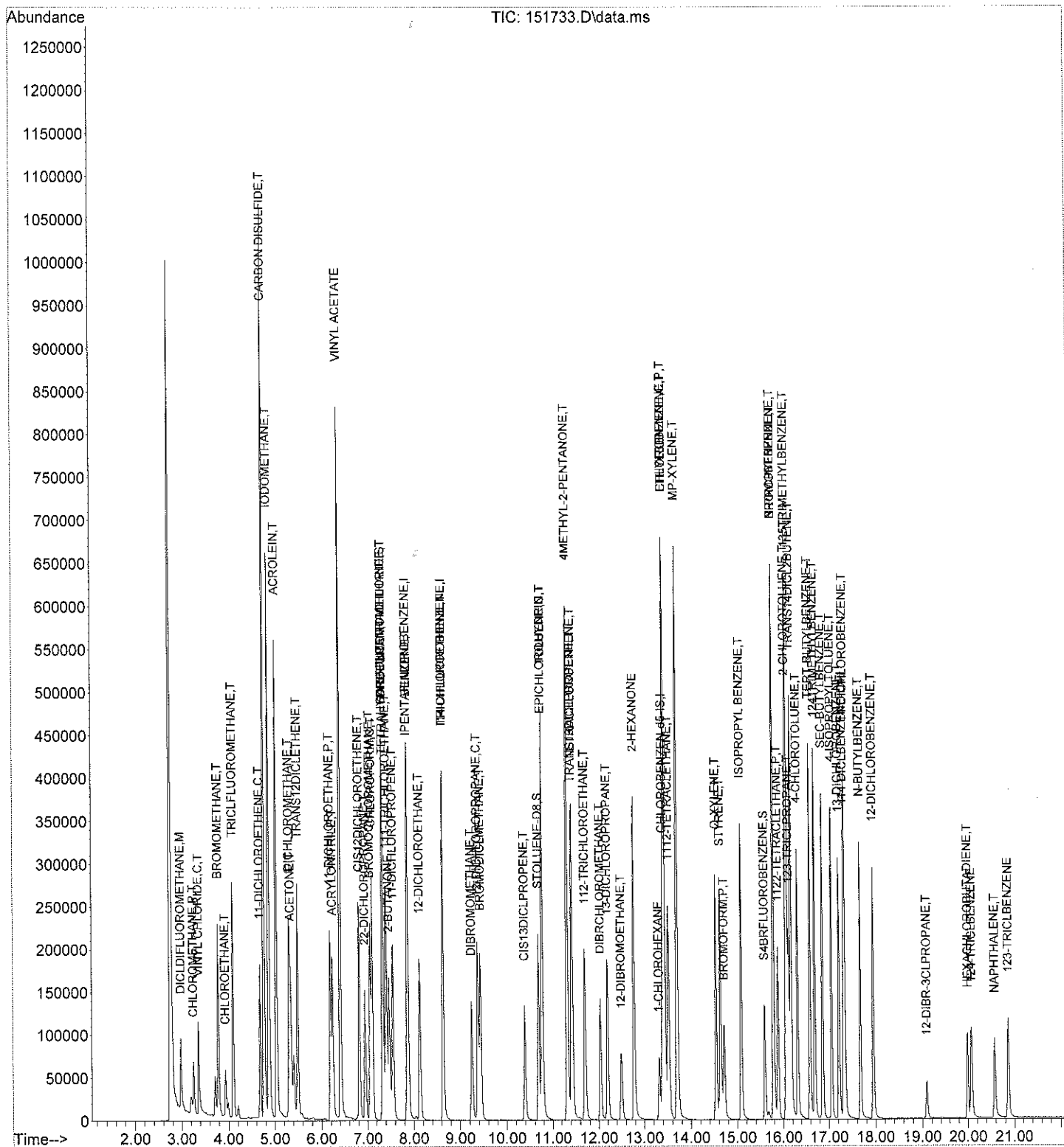
Quant Time: Aug 29 18:07:05 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.431	166	77986	17.56	µg/L #	90
47) 12-DIBROMOETHANE	12.497	107	67377	23.04	µg/L	97
49) CHLOROBENZENE	13.431	112	202866	23.08	µg/L	92
50) 1-CHLOROHEXANE	13.320	91	40145m	11.89	µg/L	
51) 1112-TETRACLETHANE	13.523	131	94001	24.79	µg/L	97
52) ETHYLBENZENE	13.431	91	327742	20.39	µg/L	98
53) MP-XYLENE	13.705	91	522010	38.27	µg/L	97
54) STYRENE	14.639	104	158962	16.02	µg/L	95
55) O-XYLENE	14.548	91	204266	14.71	µg/L	98
56) BROMOFORM	14.721	173	62618	21.81	µg/L	99
57) 1122-TETRACLETHANE	15.888	83	100583	22.44	µg/L	100
58) ISOPROPYL BENZENE	15.086	105	251322	16.14	µg/L	95
60) 123-TRICLPROPANE	16.122	110	38116	23.94	µg/L	89
61) TRANS14DICL2BUTENE	16.172	53	151230	90.29	µg/L	89
62) BROMOBENZENE	15.787	77	173584	21.05	µg/L	92
63) N-PROPYLBENZENE	15.787	91	318113	17.60	µg/L	96
64) 2-CHLOROTOLUENE	16.061	91	259031	19.24	µg/L	70
65) 4-CHLOROTOLUENE	16.314	91	216865	17.69	µg/L	95
66) 135TRIMETHYLBENZENE	16.081	105	287764	20.21	µg/L	98
67) TERT-BUTYLBENZENE	16.589	119	193780	18.98	µg/L	90
68) 124TRIMETHYLBENZENE	16.700	105	270592	19.58	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	256954	17.93	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	127188	18.97	µg/L	93
72) 4-ISOPROPYLTOLUENE	17.066	119	215791	18.41	µg/L	97
73) 14-DICHLOROBENZENE	17.340	146	131171	20.79	µg/L	91
74) 12-DICHLOROBENZENE	17.949	146	125136	21.37	µg/L	96
75) N-BUTYLBENZENE	17.675	91	177404	17.17	µg/L	96
76) 12-DIBR-3CLPROPANE	19.096	157	12163	14.79	µg/L #	78
77) 124-TRICLBENZENE	20.081	180	44311	15.16	µg/L #	90
78) NAPHTHALENE	20.578	128	105724	13.53	µg/L	96
79) HEXACHLOROBUTADIENE	20.000	225	24462	18.38	µg/L	99
80) 123-TRICLBENZENE	20.863	182	45258	15.72	µg/L	93

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

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151733.D
Acq On : 24 Aug 2016 6:30 am
Operator : SEDS
Sample : 2567948MS/2569463
Misc : RUN181519
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 29 18:07:05 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151734.D
 Acq On : 24 Aug 2016 6:55 am
 Operator : SEDS
 Sample : LFB/2569461
 Misc : RUN181519
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 30 10:39:48 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	98461	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	143982	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	138100	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.319	152	75283	20.00	µg/L	-0.01

System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	85124	24.25	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	= 121.25%#		
39) STOLUENE-D8	10.690	98	174343	19.64	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	= 98.20%		
59) S4BRFLUOROBENZENE	15.604	95	59984	18.69	µg/L	0.00
Spiked Amount	20.000	Range 80 - 120	Recovery	= 93.45%		

Target Compounds					Qvalue	
2) DICLDFLUOROMETHANE	2.985	85	71593	25.09	µg/L	98
3) CHLOROMETHANE	3.259	50	71452	28.26	µg/L #	98
4) VINYL CHLORIDE	3.371	62	72485m	26.05	µg/L	
5) BROMOMETHANE	3.787	94	110738m	29.17	µg/L	
6) CHLOROETHANE	3.939	64	53319	25.34	µg/L	100
7) TRICLFLUOROMETHANE	4.102	101	240749	21.29	µg/L	99
8) ACROLEIN	5.046	56	446546	589.95	µg/L #	97
9) ACETONE	5.350	43	164359m	127.29	µg/L	
10) 11-DICHLOROETHENE	4.691	61	111118	21.50	µg/L	93
11) IODOMETHANE	4.883	142	549725m	132.72	µg/L	
12) CARBON DISULFIDE	4.772	76	1120183m	131.61	µg/L	
13) ACRYLONITRILE	6.234	53	158150	78.86	µg/L	98
14) DICHLOROMETHANE	5.320	84	97128m	24.46	µg/L	
15) TRANS12DICLETHENE	5.503	96	90702	24.48	µg/L	91
16) 11-DICHLOROETHANE	6.193	63	198589	25.94	µg/L	100
17) VINYL ACETATE	6.406	43	1036478	113.93	µg/L	97
18) 2-BUTANONE	7.472	43	220607	79.45	µg/L	96
19) CIS12DICHLOROETHENE	6.812	96	95094	21.02	µg/L #	84
20) 22-DICHLOROPROPANE	6.954	77	91133	11.01	µg/L	97
21) CHLOROFORM	7.107	83	210763	23.67	µg/L	99
22) BROMOCHLOROMETHANE	7.066	49	102278	18.47	µg/L #	71
25) TETRAHYDROFURAN	7.350	42	22936	19.33	µg/L	87
26) 111-TRICHLOROETHANE	7.411	97	194761	23.58	µg/L	96
27) 11-DICHLOROPROPENE	7.564	75	94866	21.06	µg/L	98
28) 12-DICHLOROETHANE	8.132	62	188546	25.33	µg/L #	99
29) CARBONTETRACHLORIDE	7.340	117	179032	26.02	µg/L	99
30) BENZENE	7.878	78	274350	22.72	µg/L #	95
31) TRICHLOROETHENE	8.640	132	69952	21.85	µg/L #	91
32) 12-DICHLOROPROPANE	9.381	63	68947	21.85	µg/L #	89
33) DIBROMOMETHANE	9.249	174	51683	21.11	µg/L #	83
34) BROMODICLMETHANE	9.442	83	147472	24.12	µg/L	99
35) 2-CLETHYLVINYLETHER	10.223	63	25392	86.57	µg/L #	79
36) EPICHLOROHYDRIN	10.761	57	133688	424.16	µg/L	85
37) 4METHYL-2-PENTANONE	11.330	43	505407	103.72	µg/L #	89
38) CIS13DICLPROPENE	10.386	75	95540	16.43	µg/L	90
40) TOLUENE	10.772	91	280127	21.25	µg/L	99
41) TRANS13DICLPROPENE	11.421	75	103067	18.61	µg/L	85
42) 112-TRICHLOROETHANE	11.706	97	71156	22.11	µg/L #	87
43) 2-HEXANONE	12.782	43	328218	92.47	µg/L #	88
44) 13-DICHLOROPROPANE	12.193	76	110530	20.88	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	92607	22.74	µg/L	99

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151734.D
 Acq On : 24 Aug 2016 6:55 am
 Operator : SEDS
 Sample : LFB/2569461
 Misc : RUN181519
 ALS Vial : 35 Sample Multiplier: 1

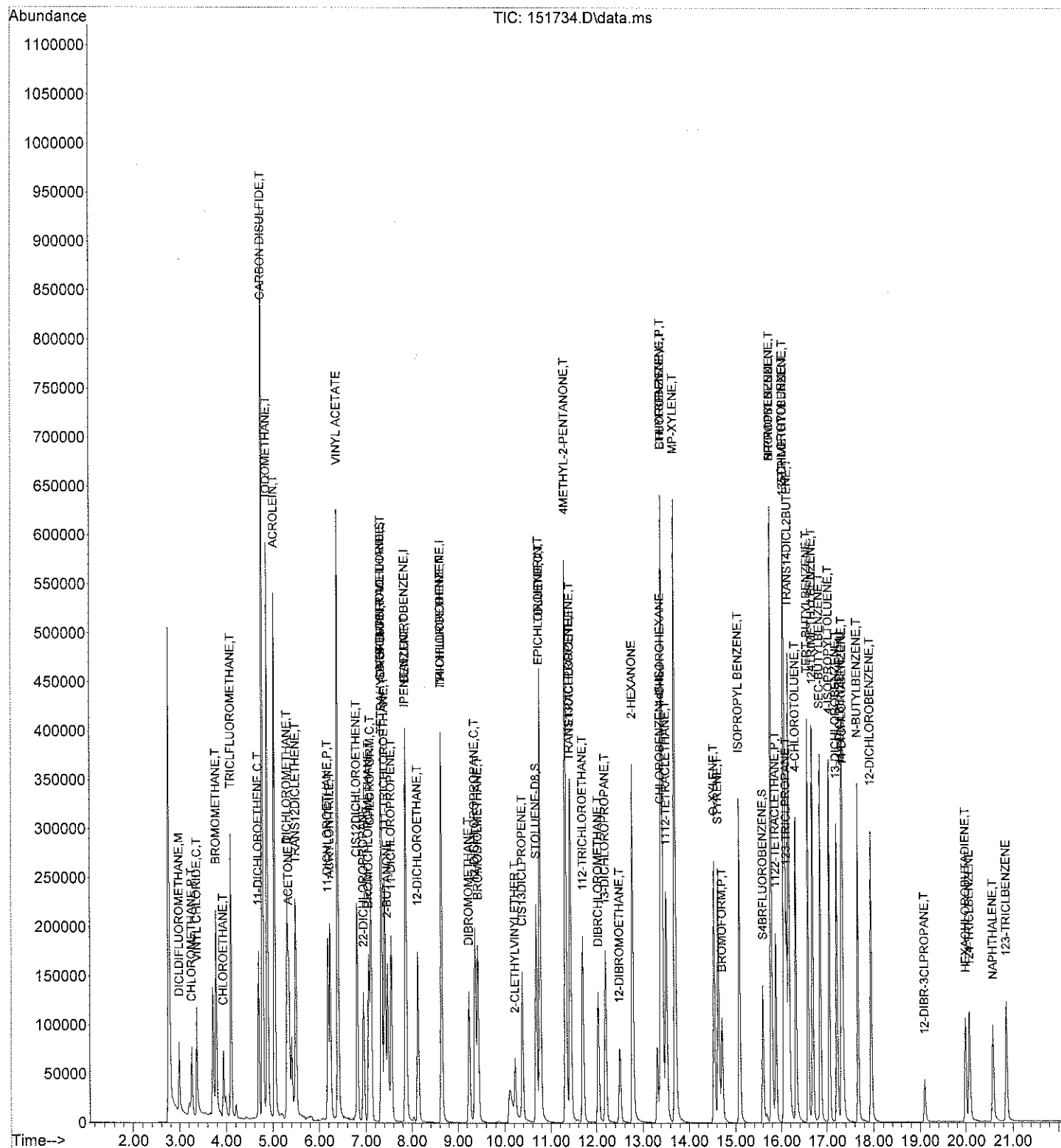
Quant Time: Aug 30 10:39:48 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.431	166	75924	16.67	µg/L #	91
47) 12-DIBROMOETHANE	12.497	107	64897	21.64	µg/L	99
49) CHLOROBENZENE	13.431	112	189673	21.43	µg/L	92
50) 1-CHLOROHEXANE	13.411	91	67041m	19.72	µg/L	
51) 1112-TETRACLETHANE	13.523	131	89861	23.53	µg/L	97
52) ETHYLBENZENE	13.431	91	306776	18.95	µg/L	97
53) MP-XYLENE	13.705	91	494454	36.00	µg/L	98
54) STYRENE	14.639	104	151135	15.13	µg/L	94
55) O-XYLENE	14.548	91	191893	13.72	µg/L	98
56) BROMOFORM	14.721	173	60906	21.07	µg/L	98
57) 1122-TETRACLETHANE	15.888	83	96213	21.31	µg/L	99
58) ISOPROPYL BENZENE	15.086	105	234415	14.95	µg/L	95
60) 123-TRICLPROPANE	16.122	110	36476	22.75	µg/L	89
61) TRANS14DICL2BUTENE	16.172	53	143789	85.26	µg/L	90
62) BROMOBENZENE	15.787	77	168070	20.24	µg/L	92
63) N-PROPYLBENZENE	15.787	91	313901	17.25	µg/L	96
64) 2-CHLOROTOLUENE	16.071	91	250768	18.49	µg/L	71
65) 4-CHLOROTOLUENE	16.325	91	216037	17.50	µg/L	98
66) 135TRIMETHYLBENZENE	16.081	105	274864	19.17	µg/L	99
67) TERT-BUTYLBENZENE	16.589	119	186523	18.15	µg/L	90
68) 124TRIMETHYLBENZENE	16.700	105	259125	18.62	µg/L	97
69) SEC-BUTYLBENZENE	16.863	105	257460	17.84	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	127344	18.86	µg/L	92
72) 4-ISOPROPYLTOLUENE	17.066	119	221131	17.55	µg/L	98
73) 14-DICHLOROBENZENE	17.350	146	134551	19.84	µg/L	91
74) 12-DICHLOROBENZENE	17.949	146	125311	19.91	µg/L	96
75) N-BUTYLBENZENE	17.675	91	186300	16.77	µg/L	97
76) 12-DIBR-3CLPROPANE	19.096	157	11844	13.40	µg/L #	82
77) 124-TRICLBENZENE	20.081	180	47700	15.19	µg/L #	88
78) NAPHTHALENE	20.578	128	119077m	14.18	µg/L	
79) HEXACHLOROBUTADIENE	20.000	225	26558	18.57	µg/L	97
80) 123-TRICLBENZENE	20.862	182	46259	14.95	µg/L	93

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

Data Path : C:\msdchem\1\DATA\181517\
Data File : 151734.D
Acq On : 24 Aug 2016 6:55 am
Operator : SEDS
Sample : LFB/2569461
Misc : RUN181519
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 30 10:39:48 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151735.D
 Acq On : 24 Aug 2016 7:21 am
 Operator : SEDS
 Sample : LFBD/2569462
 Misc : RUN181519
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 30 11:17:12 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) IPENTAFLUOROBENZENE	7.868	168	100337	20.00	µg/L	# 0.00
23) I14-DIFLUOROBENZENE	8.640	114	143738	20.00	µg/L	0.00
48) CHLOROBENZENE-d5-IS	13.401	117	132499	20.00	µg/L	0.00
71) I14-DICLBENZENE-D4	17.320	152	66537	20.00	µg/L	-0.01
System Monitoring Compounds						
24) SDIBRFLUOROMETHANE	7.340	111	86715	24.74	µg/L	0.00
Spiked Amount 20.000	Range 80 - 120		Recovery =	123.70%	#	
39) STOLUENE-D8	10.691	98	170755	19.26	µg/L	0.00
Spiked Amount 20.000	Range 80 - 120		Recovery =	96.30%		
59) S4BRFLUOROBENZENE	15.594	95	58071	18.86	µg/L	-0.01
Spiked Amount 20.000	Range 80 - 120		Recovery =	94.30%		
Target Compounds						
						Qvalue
2) DICLDIFLUOROMETHANE	2.985	85	73831	25.39	µg/L	99
3) CHLOROMETHANE	3.259	50	73950m	28.70	µg/L	
4) VINYL CHLORIDE	3.376	62	75694	26.70	µg/L	99
5) BROMOMETHANE	3.787	94	112299	29.03	µg/L	98
6) CHLOROETHANE	3.940	64	53020	24.73	µg/L	96
7) TRICLFLUOROMETHANE	4.102	101	240815m	20.90	µg/L	
8) ACROLEIN	5.046	56	446576	578.96	µg/L	# 98
9) ACETONE	5.351	43	177537m	134.92	µg/L	
10) 11-DICHLOROETHENE	4.691	61	110943m	21.07	µg/L	
11) IODOMETHANE	4.884	142	578006m	136.94	µg/L	
12) CARBON DISULFIDE	4.772	76	1093372	126.06	µg/L	96
13) ACRYLONITRILE	6.234	53	168013m	82.29	µg/L	
14) DICHLOROMETHANE	5.320	84	104287	25.78	µg/L	85
15) TRANS12DICLETHENE	5.503	96	91156	24.14	µg/L	95
16) 11-DICHLOROETHANE	6.193	63	199351m	25.54	µg/L	
17) VINYL ACETATE	6.407	43	988223	106.60	µg/L	97
18) 2-BUTANONE	7.472	43	221418	78.25	µg/L	95
19) CIS12DICHLOROETHENE	6.823	96	99821	21.65	µg/L	89
20) 22-DICHLOROPROPANE	6.955	77	92958	11.02	µg/L	98
21) CHLOROFORM	7.107	83	209637	23.10	µg/L	99
22) BROMOCHLOROMETHANE	7.066	49	104044	18.44	µg/L	# 70
25) TETRAHYDROFURAN	7.351	42	23668	19.98	µg/L	89
26) 111-TRICHLOROETHANE	7.412	97	194217	23.56	µg/L	95
27) 11-DICHLOROPROPENE	7.554	75	93424	20.77	µg/L	95
28) 12-DICHLOROETHANE	8.132	62	187968	25.29	µg/L	# 99
29) CARBONTETRACHLORIDE	7.340	117	175196	25.51	µg/L	99
30) BENZENE	7.879	78	267062	22.15	µg/L	# 94
31) TRICHLOROETHENE	8.640	132	67970	21.27	µg/L	# 87
32) 12-DICHLOROPROPANE	9.381	63	67572	21.45	µg/L	# 89
33) DIBROMOMETHANE	9.249	174	50823	20.79	µg/L	# 84
34) BROMODICLMETHANE	9.432	83	143363	23.49	µg/L	99
35) 2-CLETHYLVINYLETHER	10.224	63	24064	82.61	µg/L	95
36) EPICHLOROHYDRIN	10.762	57	127030	403.72	µg/L	83
37) 4METHYL-2-PENTANONE	11.330	43	491610	101.06	µg/L	# 89
38) CIS13DICLPROPENE	10.386	75	91040	15.68	µg/L	89
40) TOLUENE	10.772	91	267559	20.33	µg/L	100
41) TRANS13DICLPROPENE	11.422	75	100158	18.12	µg/L	84
42) 112-TRICHLOROETHANE	11.706	97	67290	20.94	µg/L	# 86
43) 2-HEXANONE	12.782	43	315242	88.97	µg/L	# 88
44) 13-DICHLOROPROPANE	12.193	76	108522	20.53	µg/L	91
45) DIBRCHLOROMETHANE	12.041	129	89303	21.97	µg/L	98

Data Path : C:\msdchem\1\DATA\181517\
 Data File : 151735.D
 Acq On : 24 Aug 2016 7:21 am
 Operator : SEDS
 Sample : LFBD/2569462
 Misc : RUN181519
 ALS Vial : 36 Sample Multiplier: 1

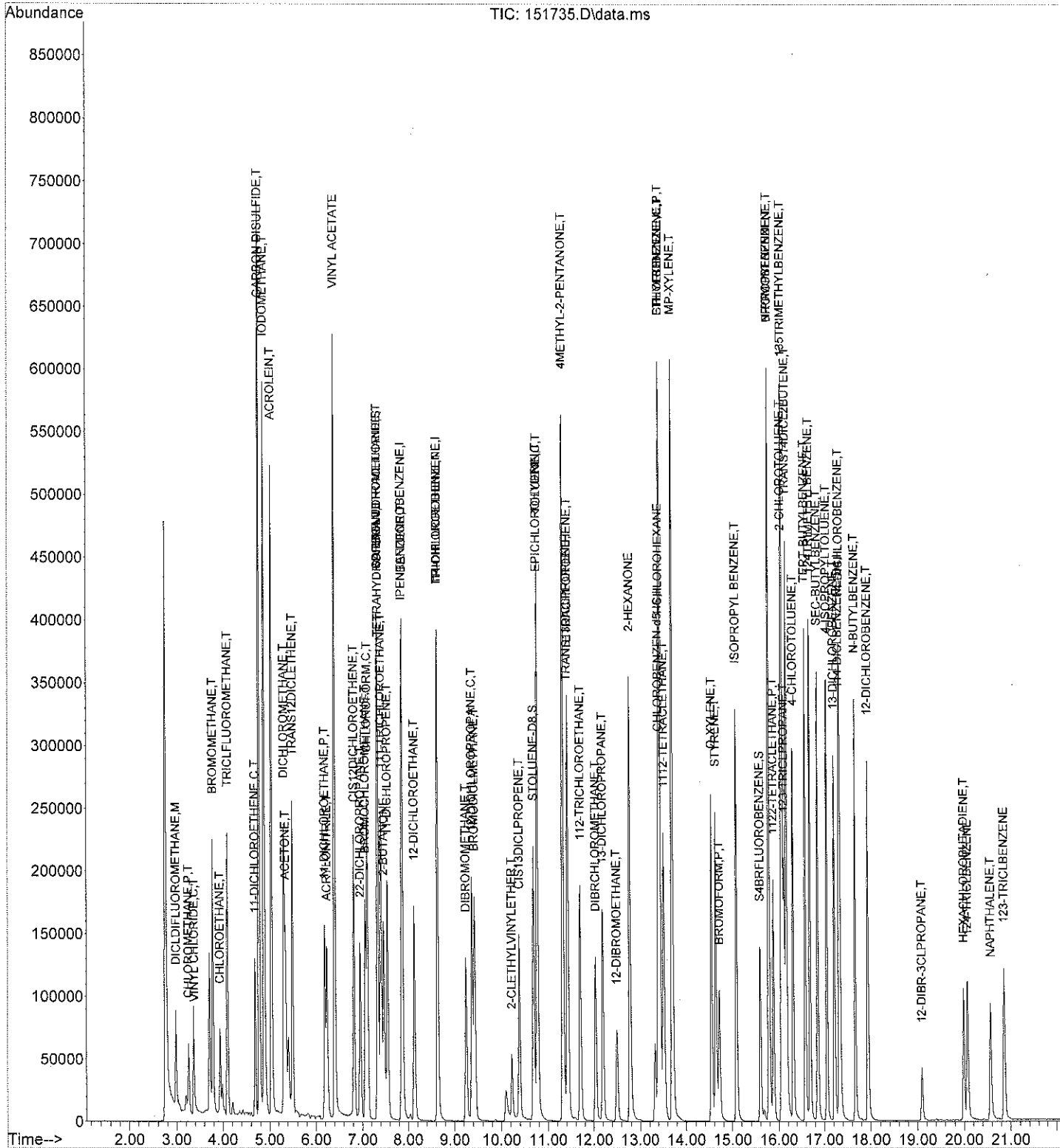
Quant Time: Aug 30 11:17:12 2016
 Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
 Quant Title : Analysis of VOC'S by 8260B,624
 QLast Update : Wed Aug 24 15:14:53 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) TETRACHLOROETHENE	11.432	166	72097	15.86	µg/L #	89
47) 12-DIBROMOETHANE	12.498	107	62112	20.75	µg/L	99
49) CHLOROBENZENE	13.432	112	182314	21.47	µg/L	92
50) 1-CHLOROHEXANE	13.411	91	67587m	20.72	µg/L	
51) 1112-TETRACLETHANE	13.523	131	85155	23.24	µg/L	97
52) ETHYLBENZENE	13.432	91	297230	19.14	µg/L	98
53) MP-XYLENE	13.706	91	475545	36.09	µg/L	99
54) STYRENE	14.640	104	150160	15.66	µg/L	95
55) O-XYLENE	14.548	91	190043	14.16	µg/L	98
56) BROMOFORM	14.721	173	59695	21.52	µg/L	98
57) 1122-TETRACLETHANE	15.888	83	92969	21.47	µg/L	100
58) ISOPROPYL BENZENE	15.086	105	233337	15.51	µg/L	95
60) 123-TRICLPROPANE	16.122	110	36345	23.63	µg/L	88
61) TRANS14DICL2BUTENE	16.173	53	140187	86.63	µg/L	90
62) BROMOBENZENE	15.787	77	160196	20.11	µg/L	92
63) N-PROPYLBENZENE	15.787	91	300997	17.24	µg/L	96
64) 2-CHLOROTOLUENE	16.061	91	240195	18.46	µg/L	69
65) 4-CHLOROTOLUENE	16.325	91	203047	17.14	µg/L	98
66) 135TRIMETHYLBENZENE	16.081	105	267743	19.47	µg/L	98
67) TERT-BUTYLBENZENE	16.589	119	180862	18.34	µg/L	90
68) 124TRIMETHYLBENZENE	16.690	105	251833	18.86	µg/L	96
69) SEC-BUTYLBENZENE	16.863	105	247282	17.86	µg/L	95
70) 13-DICHLOROBENZENE	17.218	146	121608	18.77	µg/L	93
72) 4-ISOPROPYLTOLUENE	17.066	119	210294	18.88	µg/L	97
73) 14-DICHLOROBENZENE	17.340	146	124338	20.75	µg/L	91
74) 12-DICHLOROBENZENE	17.949	146	119031	21.40	µg/L	96
75) N-BUTYLBENZENE	17.675	91	183170	18.66	µg/L	95
76) 12-DIBR-3CLPROPANE	19.096	157	11993	15.36	µg/L #	80
77) 124-TRICLBENZENE	20.081	180	45905	16.54	µg/L #	87
78) NAPHTHALENE	20.578	128	108646	14.64	µg/L	96
79) HEXACHLOROBUTADIENE	20.000	225	26167	20.70	µg/L	98
80) 123-TRICLBENZENE	20.863	182	44702	16.35	µg/L	91

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

```
Data Path : C:\msdchem\1\DATA\181517\
Data File : 151735.D
Acq On    : 24 Aug 2016    7:21 am
Operator  : SEDS
Sample    : LFBF/2569462
Misc      : RUN181519
ALS Vial  : 36    Sample Multiplier: 1
```

Quant Time: Aug 30 11:17:12 2016
Quant Method : C:\msdchem\1\METHODS\8260VOC-AUGUST2-LIQ-16.M
Quant Title : Analysis of VOC'S by 8260B,624
QLast Update : Wed Aug 24 15:14:53 2016
Response via : Initial Calibration



APPENDIX C
Proficiency Test (PT)



A Waters Company

Janet Gomez
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
USA

WP-258



Final Report

WatR™ Pollution Proficiency Testing

WatR™ Pollution Study

Open Date: 07/18/16

Close Date: 09/01/16

Report Issued Date: 09/06/16



A Waters Company

September 6, 2016

Janet Gomez
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910

Enclosed is your final report for ERA's WP-258 WatR™ Pollution Proficiency Testing (PT) study. Your final report includes an evaluation of all results submitted by your laboratory to ERA.

Data Evaluation Protocols: All analytes in ERA's WP-258 WatR™ Pollution Proficiency Testing study have been evaluated using the following tiered approach. If the analyte is listed in the current TNI Fields of Proficiency Testing (FoPT) tables, the evaluation was completed by comparing the reported result to the acceptance limits generated using the criteria contained in the current TNI FoPT tables. If the analyte is not included in the TNI FoPT tables, the reported result has been evaluated using the procedures outlined in ERA's Standard Operating Procedure for the Generation of Performance Acceptance Limits (SOP 730002268).

Corrective Action Help: As part of your accreditation(s), you may be required to identify the root cause of any "Not Acceptable" results, implement the necessary corrective actions, and then satisfy your PT requirements by participating in a Supplemental (QuiK™ Response) or future ERA PT study. ERA's technical staff is available to help your laboratory resolve any technical issues that may be impairing your PT performance and possibly affecting your routine data quality. Our laboratory and technical staff have many years of collective experience in performing the full range of environmental analyses. As part of our technical support, ERA offers QC samples that can be useful in helping you work through your technical issues.

At the request of the TNI Accreditation Council, we have included a Laboratory Exception Report that includes a list of all analytes reported with less than qualifiers when the assigned value was greater than "0." In addition, because we have received many requests from laboratories, this report also includes a list of all analytes with "Not Acceptable" evaluations.

Some states have elected not to convert to the 2009 TNI Standards at this time. If you have released your results to a state that has retained the 2003 NELAC Evaluation Criteria, your final report will include a section that evaluates the results according to the 2003 Standard in addition to the 2009 TNI Standards.

Thank you for your participation in ERA's WP-258 WatR™ Pollution Proficiency Testing study. If you have any questions, please contact our Proficiency Testing Department at 1-800-372-0122.

Sincerely,

Patrick Larson
Quality Officer

attachments



A Waters Company

Report Recipient	Contact/Phone Number	Reporting Type	Evaluation Type
Florida	Vanessa Soto / 904-791-1599	All Analytes	2009 TNI



A Waters Company

WP-258 Definitions & Study Discussion

Study Dates: 07/18/16 - 09/01/16

Report Issued: 09/06/16

WP Study Definitions

The Reported Value is the value that the laboratory reported to ERA.

The ERA Assigned Values are compliant with the most current TNI Fields of Proficiency Testing (FoPT) tables. A parameter not added to the standard is given an Assigned Value of "< PTRL" per the guidelines contained in the 2009 TNI Standards. The assigned values are directly traceable to the commercially prepared starting materials used to manufacture the PT standards.

The Acceptance Limits are established per the criteria contained in the most current USEPA/NELAC FoPT tables, or ERA's SOP for the Generation of Performance Acceptance Limits™ as applicable.

The Performance Evaluation:

Acceptable = Reported Value falls within the Acceptance Limits.

Not Acceptable = Reported Value falls outside the Acceptance Limits.

No Evaluation = Reported Value cannot be evaluated.

Not Reported = No Value reported.

The Method Description is the method the laboratory reported to ERA.

WP Study Discussion

ERA's WP-258 WatR™Pollution Proficiency Testing study has been reviewed by ERA senior management and certified compliant with the requirements of the 2009 TNI PT Standard and the criteria contained in the most current TNI Fields of Proficiency Testing (FoPT) tables.

ERA's WP-258 WatR™Pollution study standards were examined for any anomalies. A full review of all homogeneity, stability and accuracy verification data was completed. All analytical verification data for all analytes met the acceptance criteria contained in the 2009 TNI PT Standard and the criteria contained in the most current TNI FoPT tables.

The data submitted by participating laboratories was also examined for study anomalies. There were no anomalies observed during the statistical review of the data.

ERA's WP-258 WatR™Pollution study reports shall not be reproduced except in their entirety and not without the permission of the participating laboratories. The report must not be used by the participating laboratories to claim product endorsement by any agency of the U. S. government.

The data contained herein are confidential and intended for your use only.

If you have any questions or concerns regarding your assessment in ERA's WatR™Pollution Proficiency Testing program, please contact our Proficiency Testing Department at 1-800-372-0122.



Final Report Results For Laboratory Environmental Quality Lab

2009 TNI Evaluation Report

Study: **WP-258**

ERA Customer Number: **E359301**

Laboratory Name: **Environmental Quality
Lab**

Organic Results





A Waters Company

WP-258 2009 TNI Evaluation Final Complete Report

Janet Gomez
QA/QC Supervisor
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
787-288-6420

EPA ID:
ERA Customer Number:
Report Issued:
Study Dates:

PR00014
E359301
09/06/16
07/18/16 - 09/01/16

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Volatiles (cat# 830, lot# P258-710)

4315	Acetone	µg/L	25.1	30.2	6.71 - 53.9	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.700	29.8	6.68	S. Díaz
4320	Acetonitrile	µg/L		< 5.00	0.00 - 5.00	Not Reported						
4325	Acrolein	µg/L	< 25.0	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4340	Acrylonitrile	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4375	Benzene	µg/L	27.6	25.2	17.6 - 32.8	Acceptable	EPA 8260B 2 1996	8/17/2016	0.784	25.8	2.31	S. Díaz
4385	Bromobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4390	Bromochloromethane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4395	Bromodichloromethane	µg/L	16.5	17.1	10.3 - 23.9	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.609	17.6	1.75	S. Díaz
4400	Bromoform	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4950	Bromomethane	µg/L	< 2.00	< 8.00	0.00 - 8.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4410	2-Butanone (MEK)	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4435	n-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4440	sec-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4445	tert-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5000	tert-Butyl methyl ether (MTBE)	µg/L		35.5	23.2 - 48.7	Not Reported				37.0	3.42	
4450	Carbon disulfide	µg/L	< 7.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4455	Carbon tetrachloride	µg/L	26.3	30.4	16.6 - 41.8	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.02	30.8	4.40	S. Díaz
4475	Chlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4575	Chlorodibromomethane	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4485	Chloroethane	µg/L	20.7	22.0	8.80 - 35.2	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.682	23.7	4.42	S. Díaz



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01

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A Waters Company

WP-258 2009 TNI Evaluation Final Complete Report

Janet Gomez
QA/QC Supervisor
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
787-288-6420

EPA ID:
ERA Customer Number:
Report Issued:
Study Dates:

PR00014
E359301
09/06/16
07/18/16 - 09/01/16

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Volatiles (cat# 830, lot# P258-710) (Continued)

4500	2-Chloroethylvinylether	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4505	Chloroform	µg/L	34.0	44.5	31.2 - 57.8	Acceptable	EPA 8260B 2 1996	8/17/2016	-2.40	46.1	5.04	S. Díaz
4960	Chloromethane	µg/L	< 1.20	< 8.00	0.00 - 8.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4535	2-Chlorotoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4540	4-Chlorotoluene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4570	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	35.5	28.6	17.2 - 40.0	Acceptable	EPA 8260B 2 1996	8/17/2016	1.37	29.2	4.58	S. Díaz
4585	1,2-Dibromoethane (EDB)	µg/L	12.7	12.5	8.12 - 16.9	Acceptable	EPA 8260B 2 1996	8/17/2016	0.234	12.4	1.08	S. Díaz
4595	Dibromomethane	µg/L	< 1.50	< 6.50	0.00 - 6.50	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4610	1,2-Dichlorobenzene	µg/L	72.3	48.0	33.6 - 62.4	Not Acceptable	EPA 8260B 2 1996	8/17/2016	5.70	48.1	4.24	S. Díaz
4615	1,3-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4620	1,4-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4625	Dichlorodifluoromethane (Freon 12)	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4630	1,1-Dichloroethane	µg/L	15.1	21.0	13.4 - 28.9	Acceptable	EPA 8260B 2 1996	8/17/2016	-2.44	21.4	2.57	S. Díaz
4635	1,2-Dichloroethane	µg/L	24.9	27.2	19.3 - 37.0	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.808	27.3	3.01	S. Díaz
4640	1,1-Dichloroethylene	µg/L	12.1	12.3	7.51 - 18.5	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.552	13.1	1.89	S. Díaz
4645	cis-1,2-Dichloroethylene	µg/L	10.6	16.2	11.2 - 21.9	Not Acceptable	EPA 8260B 2 1996	8/17/2016	-2.85	15.6	1.77	S. Díaz
4700	trans-1,2-Dichloroethylene	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4655	1,2-Dichloropropane	µg/L	32.6	32.8	23.0 - 42.6	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.425	34.0	3.19	S. Díaz
4660	1,3-Dichloropropane	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4665	2,2-Dichloropropane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01

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A Waters Company

WP-258 2009 TNI Evaluation Final Complete Report

Janet Gomez
QA/QC Supervisor
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
787-288-6420

EPA ID:
ERA Customer Number:
Report Issued:
Study Dates:

PR00014
E359301
09/06/16
07/18/16 - 09/01/16

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Volatiles (cat# 830, lot# P258-710) (Continued)

4670	1,1-Dichloropropene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4680	cis-1,3-Dichloropropylene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4685	trans-1,3-Dichloropropylene	µg/L	8.80	11.6	7.54 - 15.7	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.02	9.99	1.16	S. Díaz
4765	Ethylbenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4835	Hexachlorobutadiene	µg/L	62.5	52.3	5.23 - 66.6	Acceptable	EPA 8260B 2 1996	8/17/2016	1.23	51.4	9.01	S. Díaz
4840	Hexachloroethane	µg/L		52.6	5.26 - 58.6	Not Reported				50.3	6.49	
4860	2-Hexanone	µg/L	< 6.00	< 4.40	0.00 - 4.40	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4900	Isopropylbenzene	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4910	4-Isopropyltoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
4975	Methylene chloride	µg/L	32.2	37.9	22.7 - 53.1	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.62	40.4	5.04	S. Díaz
4995	4-Methyl-2-pentanone (MIBK)	µg/L	18.8	26.6	5.63 - 45.6	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.81	26.0	3.98	S. Díaz
5005	Naphthalene	µg/L	24.7	19.0	8.25 - 28.0	Acceptable	EPA 8260B 2 1996	8/17/2016	2.37	18.4	2.66	S. Díaz
5015	Nitrobenzene	µg/L		27.9	8.81 - 34.8	Not Reported				31.6	2.81	
5090	n-Propylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5100	Styrene	µg/L	< 1.20	< 13.0	0.00 - 13.0	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5105	1,1,1,2-Tetrachloroethane	µg/L	56.5	44.1	28.7 - 59.5	Acceptable	EPA 8260B 2 1996	8/17/2016	2.18	46.3	4.68	S. Díaz
5110	1,1,2,2-Tetrachloroethane	µg/L	< 1.20	< 9.80	0.00 - 9.80	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5115	Tetrachloroethylene	µg/L	31.9	32.8	17.6 - 43.1	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.332	33.5	4.68	S. Díaz
5140	Toluene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5150	1,2,3-Trichlorobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Volatiles (cat# 830, lot# P258-710) (Continued)

5155	1,2,4-Trichlorobenzene	µg/L	38.7	27.9	10.4 - 38.1	Not Acceptable	EPA 8260B 2 1996	8/17/2016	3.50	26.7	3.43	S. Díaz
5160	1,1,1-Trichloroethane	µg/L	10.0	12.6	7.56 - 17.6	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.48	12.3	1.58	S. Díaz
5165	1,1,2-Trichloroethane	µg/L	56.2	48.4	33.9 - 62.9	Acceptable	EPA 8260B 2 1996	8/17/2016	1.48	50.0	4.15	S. Díaz
5170	Trichloroethylene	µg/L	< 1.20	< 6.20	0.00 - 6.20	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5175	Trichlorofluoromethane	µg/L	< 1.50	< 8.00	0.00 - 8.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5180	1,2,3-Trichloropropane (TCP)	µg/L	44.2	39.1	16.1 - 60.1	Acceptable	EPA 8260B 2 1996	8/17/2016	0.671	40.2	5.94	S. Díaz
5210	1,2,4-Trimethylbenzene	µg/L	9.70	16.3	10.6 - 22.0	Not Acceptable	EPA 8260B 2 1996	8/17/2016	-2.72	15.5	2.14	S. Díaz
5215	1,3,5-Trimethylbenzene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5225	Vinyl acetate	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260B 2 1996	8/17/2016				S. Díaz
5235	Vinyl chloride	µg/L	30.6	22.2	8.88 - 35.5	Acceptable	EPA 8260B 2 1996	8/17/2016	1.23	24.6	4.86	S. Díaz
5240	m&p-Xylene	µg/L	38.2	40.2	24.1 - 56.3	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.422	40.1	4.47	S. Díaz
5250	o-Xylene	µg/L	16.2	19.4	11.6 - 27.2	Acceptable	EPA 8260B 2 1996	8/17/2016	-1.45	19.3	2.11	S. Díaz
5260	Xylenes, total	µg/L	54.4	59.6	35.8 - 83.4	Acceptable	EPA 8260B 2 1996	8/17/2016	-0.805	59.8	6.69	S. Díaz



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WP Volatiles (cat# 830, lot# P258-710)

4315	Acetone	µg/L	25.1	30.2	6.71 - 53.9	Acceptable	EPA 8260C 2006	8/17/2016	-0.700	29.8	6.68	S. Díaz
4320	Acetonitrile	µg/L		< 5.00	0.00 - 5.00	Not Reported						
4325	Acrolein	µg/L	< 25.0	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4340	Acrylonitrile	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4375	Benzene	µg/L	27.6	25.2	17.6 - 32.8	Acceptable	EPA 8260C 2006	8/17/2016	0.784	25.8	2.31	S. Díaz
4385	Bromobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4390	Bromochloromethane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4395	Bromodichloromethane	µg/L	16.5	17.1	10.3 - 23.9	Acceptable	EPA 8260C 2006	8/17/2016	-0.609	17.6	1.75	S. Díaz
4400	Bromoform	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4950	Bromomethane	µg/L	< 2.00	< 8.00	0.00 - 8.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4410	2-Butanone (MEK)	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4435	n-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4440	sec-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4445	tert-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5000	tert-Butyl methyl ether (MTBE)	µg/L		35.5	23.2 - 48.7	Not Reported				37.0	3.42	
4450	Carbon disulfide	µg/L	< 7.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4455	Carbon tetrachloride	µg/L	26.3	30.4	16.6 - 41.8	Acceptable	EPA 8260C 2006	8/17/2016	-1.02	30.8	4.40	S. Díaz
4475	Chlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4575	Chlorodibromomethane	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4485	Chloroethane	µg/L	20.7	22.0	8.80 - 35.2	Acceptable	EPA 8260C 2006	8/17/2016	-0.682	23.7	4.42	S. Díaz



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WP Volatiles (cat# 830, lot# P258-710) (Continued)

4500	2-Chloroethylvinylether	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4505	Chloroform	µg/L	34.0	44.5	31.2 - 57.8	Acceptable	EPA 8260C 2006	8/17/2016	-2.40	46.1	5.04	S. Díaz
4960	Chloromethane	µg/L	< 1.20	< 8.00	0.00 - 8.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4535	2-Chlorotoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4540	4-Chlorotoluene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4570	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	35.5	28.6	17.2 - 40.0	Acceptable	EPA 8260C 2006	8/17/2016	1.37	29.2	4.58	S. Díaz
4585	1,2-Dibromoethane (EDB)	µg/L	12.7	12.5	8.12 - 16.9	Acceptable	EPA 8260C 2006	8/17/2016	0.234	12.4	1.08	S. Díaz
4595	Dibromomethane	µg/L	< 1.50	< 6.50	0.00 - 6.50	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4610	1,2-Dichlorobenzene	µg/L	72.3	48.0	33.6 - 62.4	Not Acceptable	EPA 8260C 2006	8/17/2016	5.70	48.1	4.24	S. Díaz
4615	1,3-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4620	1,4-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4625	Dichlorodifluoromethane (Freon 12)	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4630	1,1-Dichloroethane	µg/L	15.1	21.0	13.4 - 28.9	Acceptable	EPA 8260C 2006	8/17/2016	-2.44	21.4	2.57	S. Díaz
4635	1,2-Dichloroethane	µg/L	24.9	27.2	19.3 - 37.0	Acceptable	EPA 8260C 2006	8/17/2016	-0.808	27.3	3.01	S. Díaz
4640	1,1-Dichloroethylene	µg/L	12.1	12.3	7.51 - 18.5	Acceptable	EPA 8260C 2006	8/17/2016	-0.552	13.1	1.89	S. Díaz
4645	cis-1,2-Dichloroethylene	µg/L	10.6	16.2	11.2 - 21.9	Not Acceptable	EPA 8260C 2006	8/17/2016	-2.85	15.6	1.77	S. Díaz
4700	trans-1,2-Dichloroethylene	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4655	1,2-Dichloropropane	µg/L	32.6	32.8	23.0 - 42.6	Acceptable	EPA 8260C 2006	8/17/2016	-0.425	34.0	3.19	S. Díaz
4660	1,3-Dichloropropane	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4665	2,2-Dichloropropane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz



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WP Volatiles (cat# 830, lot# P258-710) (Continued)

4670	1,1-Dichloropropene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4680	cis-1,3-Dichloropropylene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4685	trans-1,3-Dichloropropylene	µg/L	8.80	11.6	7.54 - 15.7	Acceptable	EPA 8260C 2006	8/17/2016	-1.02	9.99	1.16	S. Díaz
4765	Ethylbenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4835	Hexachlorobutadiene	µg/L	62.5	52.3	5.23 - 66.6	Acceptable	EPA 8260C 2006	8/17/2016	1.23	51.4	9.01	S. Díaz
4840	Hexachloroethane	µg/L		52.6	5.26 - 58.6	Not Reported				50.3	6.49	
4860	2-Hexanone	µg/L	< 6.00	< 4.40	0.00 - 4.40	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4900	Isopropylbenzene	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4910	4-Isopropyltoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
4975	Methylene chloride	µg/L	32.2	37.9	22.7 - 53.1	Acceptable	EPA 8260C 2006	8/17/2016	-1.62	40.4	5.04	S. Díaz
4995	4-Methyl-2-pentanone (MIBK)	µg/L	18.8	26.6	5.63 - 45.6	Acceptable	EPA 8260C 2006	8/17/2016	-1.81	26.0	3.98	S. Díaz
5005	Naphthalene	µg/L	24.7	19.0	8.25 - 28.0	Acceptable	EPA 8260C 2006	8/17/2016	2.37	18.4	2.66	S. Díaz
5015	Nitrobenzene	µg/L		27.9	8.81 - 34.8	Not Reported				31.6	2.81	
5090	n-Propylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5100	Styrene	µg/L	< 1.20	< 13.0	0.00 - 13.0	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5105	1,1,1,2-Tetrachloroethane	µg/L	56.5	44.1	28.7 - 59.5	Acceptable	EPA 8260C 2006	8/17/2016	2.18	46.3	4.68	S. Díaz
5110	1,1,2,2-Tetrachloroethane	µg/L	< 1.20	< 9.80	0.00 - 9.80	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5115	Tetrachloroethylene	µg/L	31.9	32.8	17.6 - 43.1	Acceptable	EPA 8260C 2006	8/17/2016	-0.332	33.5	4.68	S. Díaz
5140	Toluene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5150	1,2,3-Trichlorobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz



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WP Volatiles (cat# 830, lot# P258-710) (Continued)

5155	1,2,4-Trichlorobenzene	µg/L	38.7	27.9	10.4 - 38.1	Not Acceptable	EPA 8260C 2006	8/17/2016	3.50	26.7	3.43	S. Díaz
5160	1,1,1-Trichloroethane	µg/L	10.0	12.6	7.56 - 17.6	Acceptable	EPA 8260C 2006	8/17/2016	-1.48	12.3	1.58	S. Díaz
5165	1,1,2-Trichloroethane	µg/L	56.2	48.4	33.9 - 62.9	Acceptable	EPA 8260C 2006	8/17/2016	1.48	50.0	4.15	S. Díaz
5170	Trichloroethylene	µg/L	< 1.20	< 6.20	0.00 - 6.20	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5175	Trichlorofluoromethane	µg/L	< 1.50	< 8.00	0.00 - 8.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5180	1,2,3-Trichloropropane (TCP)	µg/L	44.2	39.1	16.1 - 60.1	Acceptable	EPA 8260C 2006	8/17/2016	0.671	40.2	5.94	S. Díaz
5210	1,2,4-Trimethylbenzene	µg/L	9.70	16.3	10.6 - 22.0	Not Acceptable	EPA 8260C 2006	8/17/2016	-2.72	15.5	2.14	S. Díaz
5215	1,3,5-Trimethylbenzene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5225	Vinyl acetate	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 8260C 2006	8/17/2016				S. Díaz
5235	Vinyl chloride	µg/L	30.6	22.2	8.88 - 35.5	Acceptable	EPA 8260C 2006	8/17/2016	1.23	24.6	4.86	S. Díaz
5240	m&p-Xylene	µg/L	38.2	40.2	24.1 - 56.3	Acceptable	EPA 8260C 2006	8/17/2016	-0.422	40.1	4.47	S. Díaz
5250	o-Xylene	µg/L	16.2	19.4	11.6 - 27.2	Acceptable	EPA 8260C 2006	8/17/2016	-1.45	19.3	2.11	S. Díaz
5260	Xylenes, total	µg/L	54.4	59.6	35.8 - 83.4	Acceptable	EPA 8260C 2006	8/17/2016	-0.805	59.8	6.69	S. Díaz

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WP Volatiles (cat# 830, lot# P258-710)

4315	Acetone	µg/L	25.1	30.2	6.71 - 53.9	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.700	29.8	6.68	S. Díaz
4320	Acetonitrile	µg/L		< 5.00	0.00 - 5.00	Not Reported						
4325	Acrolein	µg/L	< 25.0	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4340	Acrylonitrile	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4375	Benzene	µg/L	27.6	25.2	17.6 - 32.8	Acceptable	EPA 624 Appendix A 1982	8/17/2016	0.784	25.8	2.31	S. Díaz
4385	Bromobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4390	Bromochloromethane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4395	Bromodichloromethane	µg/L	16.5	17.1	10.3 - 23.9	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.609	17.6	1.75	S. Díaz
4400	Bromoform	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4950	Bromomethane	µg/L	< 2.00	< 8.00	0.00 - 8.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4410	2-Butanone (MEK)	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4435	n-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4440	sec-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4445	tert-Butylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5000	tert-Butyl methyl ether (MTBE)	µg/L		35.5	23.2 - 48.7	Not Reported				37.0	3.42	
4450	Carbon disulfide	µg/L	< 7.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4455	Carbon tetrachloride	µg/L	26.3	30.4	16.6 - 41.8	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.02	30.8	4.40	S. Díaz
4475	Chlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4575	Chlorodibromomethane	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4485	Chloroethane	µg/L	20.7	22.0	8.80 - 35.2	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.682	23.7	4.42	S. Díaz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Volatiles (cat# 830, lot# P258-710) (Continued)

4500	2-Chloroethylvinylether	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4505	Chloroform	µg/L	34.0	44.5	31.2 - 57.8	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-2.40	46.1	5.04	S. Díaz
4960	Chloromethane	µg/L	< 1.20	< 8.00	0.00 - 8.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4535	2-Chlorotoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4540	4-Chlorotoluene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4570	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	35.5	28.6	17.2 - 40.0	Acceptable	EPA 624 Appendix A 1982	8/17/2016	1.37	29.2	4.58	S. Díaz
4585	1,2-Dibromoethane (EDB)	µg/L	12.7	12.5	8.12 - 16.9	Acceptable	EPA 624 Appendix A 1982	8/17/2016	0.234	12.4	1.08	S. Díaz
4595	Dibromomethane	µg/L	< 1.50	< 6.50	0.00 - 6.50	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4610	1,2-Dichlorobenzene	µg/L	72.3	48.0	33.6 - 62.4	Not Acceptable	EPA 624 Appendix A 1982	8/17/2016	5.70	48.1	4.24	S. Díaz
4615	1,3-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4620	1,4-Dichlorobenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4625	Dichlorodifluoromethane (Freon 12)	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4630	1,1-Dichloroethane	µg/L	15.1	21.0	13.4 - 28.9	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-2.44	21.4	2.57	S. Díaz
4635	1,2-Dichloroethane	µg/L	24.9	27.2	19.3 - 37.0	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.808	27.3	3.01	S. Díaz
4640	1,1-Dichloroethylene	µg/L	12.1	12.3	7.51 - 18.5	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.552	13.1	1.89	S. Díaz
4645	cis-1,2-Dichloroethylene	µg/L	10.6	16.2	11.2 - 21.9	Not Acceptable	EPA 624 Appendix A 1982	8/17/2016	-2.85	15.6	1.77	S. Díaz
4700	trans-1,2-Dichloroethylene	µg/L	< 1.20	< 6.00	0.00 - 6.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4655	1,2-Dichloropropane	µg/L	32.6	32.8	23.0 - 42.6	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.425	34.0	3.19	S. Díaz
4660	1,3-Dichloropropane	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4665	2,2-Dichloropropane	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz



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WP Volatiles (cat# 830, lot# P258-710) (Continued)

4670	1,1-Dichloropropene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4680	cis-1,3-Dichloropropylene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4685	trans-1,3-Dichloropropylene	µg/L	8.80	11.6	7.54 - 15.7	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.02	9.99	1.16	S. Díaz
4765	Ethylbenzene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4835	Hexachlorobutadiene	µg/L	62.5	52.3	5.23 - 66.6	Acceptable	EPA 624 Appendix A 1982	8/17/2016	1.23	51.4	9.01	S. Díaz
4840	Hexachloroethane	µg/L		52.6	5.26 - 58.6	Not Reported				50.3	6.49	
4860	2-Hexanone	µg/L	< 6.00	< 4.40	0.00 - 4.40	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4900	Isopropylbenzene	µg/L	< 2.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4910	4-Isopropyltoluene	µg/L	< 1.40	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
4975	Methylene chloride	µg/L	32.2	37.9	22.7 - 53.1	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.62	40.4	5.04	S. Díaz
4995	4-Methyl-2-pentanone (MIBK)	µg/L	18.8	26.6	5.63 - 45.6	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.81	26.0	3.98	S. Díaz
5005	Naphthalene	µg/L	24.7	19.0	8.25 - 28.0	Acceptable	EPA 624 Appendix A 1982	8/17/2016	2.37	18.4	2.66	S. Díaz
5015	Nitrobenzene	µg/L		27.9	8.81 - 34.8	Not Reported				31.6	2.81	
5090	n-Propylbenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5100	Styrene	µg/L	< 1.20	< 13.0	0.00 - 13.0	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5105	1,1,1,2-Tetrachloroethane	µg/L	56.5	44.1	28.7 - 59.5	Acceptable	EPA 624 Appendix A 1982	8/17/2016	2.18	46.3	4.68	S. Díaz
5110	1,1,2,2-Tetrachloroethane	µg/L	< 1.20	< 9.80	0.00 - 9.80	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5115	Tetrachloroethylene	µg/L	31.9	32.8	17.6 - 43.1	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.332	33.5	4.68	S. Díaz
5140	Toluene	µg/L	< 1.20	< 7.00	0.00 - 7.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5150	1,2,3-Trichlorobenzene	µg/L	< 1.20	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz



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WP Volatiles (cat# 830, lot# P258-710) (Continued)

5155	1,2,4-Trichlorobenzene	µg/L	38.7	27.9	10.4 - 38.1	Not Acceptable	EPA 624 Appendix A 1982	8/17/2016	3.50	26.7	3.43	S. Díaz
5160	1,1,1-Trichloroethane	µg/L	10.0	12.6	7.56 - 17.6	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.48	12.3	1.58	S. Díaz
5165	1,1,2-Trichloroethane	µg/L	56.2	48.4	33.9 - 62.9	Acceptable	EPA 624 Appendix A 1982	8/17/2016	1.48	50.0	4.15	S. Díaz
5170	Trichloroethylene	µg/L	< 1.20	< 6.20	0.00 - 6.20	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5175	Trichlorofluoromethane	µg/L	< 1.50	< 8.00	0.00 - 8.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5180	1,2,3-Trichloropropane (TCP)	µg/L	44.2	39.1	16.1 - 60.1	Acceptable	EPA 624 Appendix A 1982	8/17/2016	0.671	40.2	5.94	S. Díaz
5210	1,2,4-Trimethylbenzene	µg/L	9.70	16.3	10.6 - 22.0	Not Acceptable	EPA 624 Appendix A 1982	8/17/2016	-2.72	15.5	2.14	S. Díaz
5215	1,3,5-Trimethylbenzene	µg/L	< 1.20	< 6.50	0.00 - 6.50	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5225	Vinyl acetate	µg/L	< 6.00	< 5.00	0.00 - 5.00	Acceptable	EPA 624 Appendix A 1982	8/17/2016				S. Díaz
5235	Vinyl chloride	µg/L	30.6	22.2	8.88 - 35.5	Acceptable	EPA 624 Appendix A 1982	8/17/2016	1.23	24.6	4.86	S. Díaz
5240	m&p-Xylene	µg/L	38.2	40.2	24.1 - 56.3	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.422	40.1	4.47	S. Díaz
5250	o-Xylene	µg/L	16.2	19.4	11.6 - 27.2	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-1.45	19.3	2.11	S. Díaz
5260	Xylenes, total	µg/L	54.4	59.6	35.8 - 83.4	Acceptable	EPA 624 Appendix A 1982	8/17/2016	-0.805	59.8	6.69	S. Díaz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Chlorinated Acid Herbicides (cat# 829, lot# P258-718)

8505	Acifluorfen	µg/L	7.06	7.45	1.04 - 11.0	Acceptable	EPA 8151A 1998	8/16/2016	0.634	6.40	1.04	L. Cruz
8530	Bentazon	µg/L	8.25	9.78	0.978 - 17.8	Acceptable	EPA 8151A 1998	8/16/2016	0.102	8.07	1.81	L. Cruz
8540	Chloramben	µg/L	5.74	8.35	0.835 - 12.7	Acceptable	EPA 8151A 1998	8/16/2016	0.469	4.81	1.97	L. Cruz
8545	2,4-D	µg/L	6.72	7.86	0.786 - 12.0	Acceptable	EPA 8151A 1998	8/16/2016	0.0325	6.68	1.14	L. Cruz
8560	2,4-DB	µg/L	8.28	9.18	0.918 - 15.6	Acceptable	EPA 8151A 1998	8/16/2016	0.321	7.86	1.32	L. Cruz
8550	Dacthal diacid (DCPA)	µg/L	5.14	7.74	0.977 - 11.0	Acceptable	EPA 8151A 1998	8/16/2016	0.00	5.14	0.996	L. Cruz
8555	Dalapon	µg/L	2.14	5.88	0.588 - 9.28	Acceptable	EPA 8151A 1998	8/16/2016	-0.735	3.59	1.97	L. Cruz
8595	Dicamba	µg/L	4.03	5.25	1.20 - 7.60	Acceptable	EPA 8151A 1998	8/16/2016	0.0352	3.99	1.04	L. Cruz
8600	3,5-Dichlorobenzoic acid	µg/L	6.23	8.52	1.79 - 12.8	Acceptable	EPA 8151A 1998	8/16/2016	0.00212	6.23	1.57	L. Cruz
8605	Dichlorprop	µg/L	5.71	7.89	1.35 - 11.8	Acceptable	EPA 8151A 1998	8/16/2016	-0.636	6.48	1.21	L. Cruz
8620	Dinoseb	µg/L	4.18	5.44	0.544 - 8.21	Acceptable	EPA 8151A 1998	8/16/2016	0.341	3.69	1.42	L. Cruz
7775	MCPA	µg/L	< 0.500	< 10.0	0.00 - 10.0	Acceptable	EPA 8151A 1998	8/16/2016				L. Cruz
7780	MCPP	µg/L	< 0.500	< 10.0	0.00 - 10.0	Acceptable	EPA 8151A 1998	8/16/2016				L. Cruz
6500	4-Nitrophenol	µg/L	2.61	3.50	0.350 - 5.38	Acceptable	EPA 8151A 1998	8/16/2016	-0.222	2.85	1.08	L. Cruz
6605	Pentachlorophenol	µg/L	4.27	6.23	0.802 - 9.41	Acceptable	EPA 8151A 1998	8/16/2016	-0.623	5.03	1.22	L. Cruz
8645	Picloram	µg/L	4.40	5.05	0.505 - 8.18	Acceptable	EPA 8151A 1998	8/16/2016	0.421	3.97	1.01	L. Cruz
8655	2,4,5-T	µg/L	4.97	6.21	1.34 - 9.04	Acceptable	EPA 8151A 1998	8/16/2016	0.119	4.86	0.947	L. Cruz
8650	2,4,5-TP (Silvex)	µg/L	6.97	9.22	2.13 - 13.6	Acceptable	EPA 8151A 1998	8/16/2016	-0.296	7.41	1.47	L. Cruz



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WP Chlorinated Acid Herbicides (cat# 829, lot# P258-718)

8505	Acifluorfen	µg/L	7.06	7.45	1.04 - 11.0	Acceptable	EPA 615 1993	8/16/2016	0.634	6.40	1.04	L. Cruz
8530	Bentazon	µg/L	8.25	9.78	0.978 - 17.8	Acceptable	EPA 615 1993	8/16/2016	0.102	8.07	1.81	L. Cruz
8540	Chloramben	µg/L	5.74	8.35	0.835 - 12.7	Acceptable	EPA 615 1993	8/16/2016	0.469	4.81	1.97	L. Cruz
8545	2,4-D	µg/L	6.72	7.86	0.786 - 12.0	Acceptable	EPA 615 1993	8/16/2016	0.0325	6.68	1.14	L. Cruz
8560	2,4-DB	µg/L	8.28	9.18	0.918 - 15.6	Acceptable	EPA 615 1993	8/16/2016	0.321	7.86	1.32	L. Cruz
8550	Dacthal diacid (DCPA)	µg/L	5.14	7.74	0.977 - 11.0	Acceptable	EPA 615 1993	8/16/2016	0.00	5.14	0.996	L. Cruz
8555	Dalapon	µg/L	2.14	5.88	0.588 - 9.28	Acceptable	EPA 615 1993	8/16/2016	-0.735	3.59	1.97	L. Cruz
8595	Dicamba	µg/L	4.03	5.25	1.20 - 7.60	Acceptable	EPA 615 1993	8/16/2016	0.0352	3.99	1.04	L. Cruz
8600	3,5-Dichlorobenzoic acid	µg/L	6.23	8.52	1.79 - 12.8	Acceptable	EPA 615 1993	8/16/2016	0.00212	6.23	1.57	L. Cruz
8605	Dichlorprop	µg/L	5.71	7.89	1.35 - 11.8	Acceptable	EPA 615 1993	8/16/2016	-0.636	6.48	1.21	L. Cruz
8620	Dinoseb	µg/L	4.18	5.44	0.544 - 8.21	Acceptable	EPA 615 1993	8/16/2016	0.341	3.69	1.42	L. Cruz
7775	MCPA	µg/L	< 0.500	< 10.0	0.00 - 10.0	Acceptable	EPA 615 1993	8/16/2016				L. Cruz
7780	MCPP	µg/L	< 0.500	< 10.0	0.00 - 10.0	Acceptable	EPA 615 1993	8/16/2016				L. Cruz
6500	4-Nitrophenol	µg/L	2.61	3.50	0.350 - 5.38	Acceptable	EPA 615 1993	8/16/2016	-0.222	2.85	1.08	L. Cruz
6605	Pentachlorophenol	µg/L	4.27	6.23	0.802 - 9.41	Acceptable	EPA 615 1993	8/16/2016	-0.623	5.03	1.22	L. Cruz
8645	Picloram	µg/L	4.40	5.05	0.505 - 8.18	Acceptable	EPA 615 1993	8/16/2016	0.421	3.97	1.01	L. Cruz
8655	2,4,5-T	µg/L	4.97	6.21	1.34 - 9.04	Acceptable	EPA 615 1993	8/16/2016	0.119	4.86	0.947	L. Cruz
8650	2,4,5-TP (Silvex)	µg/L	6.97	9.22	2.13 - 13.6	Acceptable	EPA 615 1993	8/16/2016	-0.296	7.41	1.47	L. Cruz



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WP PCBs in Water (cat# 832S, lot# P258-734S)

8880	Aroclor 1016	µg/L	< 0.0002	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8885	Aroclor 1221	µg/L	< 0.003	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8890	Aroclor 1232	µg/L	< 0.0002	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8895	Aroclor 1242	µg/L	< 0.0004	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8900	Aroclor 1248	µg/L	< 0.0003	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8905	Aroclor 1254	µg/L	< 0.0003	< 0.800	0.00 - 0.800	Acceptable	EPA 8082 1996	8/24/2016				K. Martinez
8910	Aroclor 1260	µg/L	6.31	8.68	3.16 - 11.7	Acceptable	EPA 8082 1996	8/24/2016	-0.664	7.33	1.53	K. Martinez

WP PCBs in Oil (cat# 835S, lot# P258-729S)

8880	Aroclor 1016	mg/kg	< 0.00142	< 1.70	0.00 - 1.70	Acceptable	EPA 8082 1996	8/25/2016				K. Martinez
8895	Aroclor 1242	mg/kg	< 0.00187	< 1.70	0.00 - 1.70	Acceptable	EPA 8082 1996	8/25/2016				K. Martinez
8905	Aroclor 1254	mg/kg	< 0.00267	< 1.60	0.00 - 1.60	Acceptable	EPA 8082 1996	8/25/2016				K. Martinez
8910	Aroclor 1260	mg/kg	9.67	14.2	2.76 - 20.6	Acceptable	EPA 8082 1996	8/25/2016	-0.964	12.4	2.83	K. Martinez

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Study # : WP-258





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WP-258 2009 TNI Evaluation Final Complete Report

Janet Gomez
QA/QC Supervisor
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
787-288-6420

EPA ID:
ERA Customer Number:
Report Issued:
Study Dates:

PR00014
E359301
09/06/16
07/18/16 - 09/01/16

TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711)

5500	Acenaphthene	µg/L	25.5	36.0	13.0 - 44.5	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.322	27.3	5.57	L. Cruz
5505	Acenaphthylene	µg/L	49.3	39.4	13.5 - 49.2	Not Acceptable	EPA 8270C 3 1996	8/16/2016	2.29	32.8	7.21	L. Cruz
5145	2-Amino-1-methylbenzene (o-toluidine)	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5545	Aniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5555	Anthracene	µg/L	15.8	19.7	8.07 - 27.0	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.327	16.7	2.69	L. Cruz
5595	Benzidine	µg/L	< 0.700	< 200	0.00 - 200	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5575	Benzo(a)anthracene	µg/L	< 0.200	< 3.60	0.00 - 3.60	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5585	Benzo(b)fluoranthene	µg/L	23.9	24.6	9.27 - 32.0	Acceptable	EPA 8270C 3 1996	8/16/2016	1.02	20.5	3.29	L. Cruz
5600	Benzo(k)fluoranthene	µg/L	19.3	21.7	4.34 - 35.3	Acceptable	EPA 8270C 3 1996	8/16/2016	0.0258	19.2	2.87	L. Cruz
5590	Benzo(g,h,i)perylene	µg/L	9.47	12.8	6.11 - 18.2	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.873	10.9	1.68	L. Cruz
5580	Benzo(a)pyrene	µg/L	< 0.250	< 2.40	0.00 - 2.40	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5630	Benzyl alcohol	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5660	4-Bromophenyl-phenylether	µg/L	61.5	84.2	34.9 - 107	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.586	68.0	11.0	L. Cruz
5670	Butylbenzylphthalate	µg/L	56.3	58.9	16.2 - 79.5	Acceptable	EPA 8270C 3 1996	8/16/2016	0.464	52.5	8.20	L. Cruz
5680	Carbazole	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5745	4-Chloroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5760	bis(2-Chloroethoxy)methane	µg/L	61.5	98.0	35.4 - 115	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.811	72.4	13.4	L. Cruz
5765	bis(2-Chloroethyl)ether	µg/L	< 0.200	< 5.90	0.00 - 5.90	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5790	1-Chloronaphthalene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5795	2-Chloronaphthalene	µg/L	53.5	65.1	18.3 - 79.1	Acceptable	EPA 8270C 3 1996	8/16/2016	0.335	49.5	12.0	L. Cruz



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WP-258 2009 TNI Evaluation Final Complete Report

Janet Gomez
QA/QC Supervisor
Environmental Quality Lab
PO Box 11458
Santurce, PR 00910
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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

5825	4-Chlorophenyl-phenylether	µg/L	124	164	59.1 - 200	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.235	129	20.9	L. Cruz
5855	Chrysene	µg/L	< 0.200	< 5.80	0.00 - 5.80	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5895	Dibenz(a,h)anthracene	µg/L	< 0.200	< 6.90	0.00 - 6.90	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5905	Dibenzofuran	µg/L		48.2	18.5 - 58.4	Not Reported				37.5	6.90	
5925	Di-n-butylphthalate	µg/L	67.2	84.4	30.6 - 111	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.511	72.7	10.7	L. Cruz
4610	1,2-Dichlorobenzene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
4615	1,3-Dichlorobenzene	µg/L	17.8	28.0	3.55 - 35.7	Acceptable	EPA 8270C 3 1996	8/16/2016	0.239	16.4	5.69	L. Cruz
4620	1,4-Dichlorobenzene	µg/L	32.6	48.8	5.82 - 56.7	Acceptable	EPA 8270C 3 1996	8/16/2016	0.454	27.9	10.3	L. Cruz
5945	3,3'-Dichlorobenzidine	µg/L	< 0.350	< 5.00	0.00 - 5.00	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6070	Diethylphthalate	µg/L	70.4	96.3	17.3 - 134	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.497	76.7	12.7	L. Cruz
6135	Dimethylphthalate	µg/L	78.8	110	11.0 - 160	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.502	88.3	18.9	L. Cruz
6185	2,4-Dinitrotoluene	µg/L	< 0.200	< 4.50	0.00 - 4.50	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6190	2,6-Dinitrotoluene	µg/L	46.9	58.0	23.6 - 70.2	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.178	48.4	8.23	L. Cruz
6200	Di-n-octylphthalate	µg/L	< 0.250	< 8.20	0.00 - 8.20	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6065	bis(2-Ethylhexyl)phthalate	µg/L	29.6	34.8	10.4 - 50.9	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.170	30.4	4.89	L. Cruz
6265	Fluoranthene	µg/L	64.1	68.4	32.0 - 84.6	Acceptable	EPA 8270C 3 1996	8/16/2016	0.375	60.9	8.58	L. Cruz
6270	Fluorene	µg/L	21.7	28.4	12.4 - 38.4	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.454	23.6	4.16	L. Cruz
6275	Hexachlorobenzene	µg/L	< 0.200	< 8.80	0.00 - 8.80	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
4835	Hexachlorobutadiene	µg/L	91.0	131	15.8 - 154	Acceptable	EPA 8270C 3 1996	8/16/2016	0.476	76.8	29.9	L. Cruz
6285	Hexachlorocyclopentadiene	µg/L	< 1.80	< 5.00	0.00 - 5.00	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

4840	Hexachloroethane	µg/L	61.8	93.0	9.30 - 102	Acceptable	EPA 8270C 3 1996	8/16/2016	0.461	52.1	21.0	L. Cruz
6315	Indeno(1,2,3-cd)pyrene	µg/L	< 0.200	< 9.20	0.00 - 9.20	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6320	Isophorone	µg/L	20.3	24.0	8.61 - 31.1	Acceptable	EPA 8270C 3 1996	8/16/2016	0.243	19.4	3.61	L. Cruz
6385	2-Methylnaphthalene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
5005	Naphthalene	µg/L	70.4	97.6	23.3 - 116	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.00327	70.5	16.9	L. Cruz
6460	2-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6465	3-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6470	4-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5015	Nitrobenzene	µg/L	16.0	23.2	7.26 - 29.3	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.435	17.6	3.72	L. Cruz
6525	N-Nitrosodiethylamine	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6530	N-Nitrosodimethylamine	µg/L	49.8	81.2	8.12 - 97.5	Acceptable	EPA 8270C 3 1996	8/16/2016	0.318	44.0	18.1	L. Cruz
6535	N-Nitrosodiphenylamine	µg/L	< 0.200	< 5.60	0.00 - 5.60	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6545	N-Nitroso-di-n-propylamine	µg/L	< 0.200	< 9.40	0.00 - 9.40	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
4659	2,2'-Oxybis(1-Chloropropane)	µg/L		< 3.10	0.00 - 3.10	Not Reported						
6590	Pentachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6615	Phenanthrene	µg/L	30.2	38.3	17.9 - 49.1	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.371	32.1	5.08	L. Cruz
6665	Pyrene	µg/L	26.1	30.7	13.1 - 40.9	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.0910	26.5	3.94	L. Cruz
5095	Pyridine	µg/L	< 0.350	< 10.0	0.00 - 10.0	Acceptable	EPA 8270C 3 1996	8/16/2016				L. Cruz
6715	1,2,4,5-Tetrachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5155	1,2,4-Trichlorobenzene	µg/L	62.7	103	19.3 - 122	Acceptable	EPA 8270C 3 1996	8/16/2016	-0.0695	64.0	18.9	L. Cruz



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Environmental Quality Lab
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WP Base/Neutrals (cat# 833, lot# P258-711)

5500	Acenaphthene	µg/L	25.5	36.0	13.0 - 44.5	Acceptable	EPA 8270D 2007	8/16/2016	-0.322	27.3	5.57	L. Cruz
5505	Acenaphthylene	µg/L	49.3	39.4	13.5 - 49.2	Not Acceptable	EPA 8270D 2007	8/16/2016	2.29	32.8	7.21	L. Cruz
5145	2-Amino-1-methylbenzene (o-toluidine)	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5545	Aniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5555	Anthracene	µg/L	15.8	19.7	8.07 - 27.0	Acceptable	EPA 8270D 2007	8/16/2016	-0.327	16.7	2.69	L. Cruz
5595	Benidine	µg/L	< 0.700	< 200	0.00 - 200	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5575	Benzo(a)anthracene	µg/L	< 0.200	< 3.60	0.00 - 3.60	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5585	Benzo(b)fluoranthene	µg/L	23.9	24.6	9.27 - 32.0	Acceptable	EPA 8270D 2007	8/16/2016	1.02	20.5	3.29	L. Cruz
5600	Benzo(k)fluoranthene	µg/L	19.3	21.7	4.34 - 35.3	Acceptable	EPA 8270D 2007	8/16/2016	0.0258	19.2	2.87	L. Cruz
5590	Benzo(g,h,i)perylene	µg/L	9.47	12.8	6.11 - 18.2	Acceptable	EPA 8270D 2007	8/16/2016	-0.873	10.9	1.68	L. Cruz
5580	Benzo(a)pyrene	µg/L	< 0.250	< 2.40	0.00 - 2.40	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5630	Benzyl alcohol	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5660	4-Bromophenyl-phenylether	µg/L	61.5	84.2	34.9 - 107	Acceptable	EPA 8270D 2007	8/16/2016	-0.586	68.0	11.0	L. Cruz
5670	Butylbenzylphthalate	µg/L	56.3	58.9	16.2 - 79.5	Acceptable	EPA 8270D 2007	8/16/2016	0.464	52.5	8.20	L. Cruz
5680	Carbazole	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5745	4-Chloroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5760	bis(2-Chloroethoxy)methane	µg/L	61.5	98.0	35.4 - 115	Acceptable	EPA 8270D 2007	8/16/2016	-0.811	72.4	13.4	L. Cruz
5765	bis(2-Chloroethyl)ether	µg/L	< 0.200	< 5.90	0.00 - 5.90	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5790	1-Chloronaphthalene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5795	2-Chloronaphthalene	µg/L	53.5	65.1	18.3 - 79.1	Acceptable	EPA 8270D 2007	8/16/2016	0.335	49.5	12.0	L. Cruz



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WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

5825	4-Chlorophenyl-phenylether	µg/L	124	164	59.1 - 200	Acceptable	EPA 8270D 2007	8/16/2016	-0.235	129	20.9	L. Cruz
5855	Chrysene	µg/L	< 0.200	< 5.80	0.00 - 5.80	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5895	Dibenz(a,h)anthracene	µg/L	< 0.200	< 6.90	0.00 - 6.90	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5905	Dibenzofuran	µg/L		48.2	18.5 - 58.4	Not Reported				37.5	6.90	
5925	Di-n-butylphthalate	µg/L	67.2	84.4	30.6 - 111	Acceptable	EPA 8270D 2007	8/16/2016	-0.511	72.7	10.7	L. Cruz
4610	1,2-Dichlorobenzene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
4615	1,3-Dichlorobenzene	µg/L	17.8	28.0	3.55 - 35.7	Acceptable	EPA 8270D 2007	8/16/2016	0.239	16.4	5.69	L. Cruz
4620	1,4-Dichlorobenzene	µg/L	32.6	48.8	5.82 - 56.7	Acceptable	EPA 8270D 2007	8/16/2016	0.454	27.9	10.3	L. Cruz
5945	3,3'-Dichlorobenzidine	µg/L	< 0.350	< 5.00	0.00 - 5.00	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6070	Diethylphthalate	µg/L	70.4	96.3	17.3 - 134	Acceptable	EPA 8270D 2007	8/16/2016	-0.497	76.7	12.7	L. Cruz
6135	Dimethylphthalate	µg/L	78.8	110	11.0 - 160	Acceptable	EPA 8270D 2007	8/16/2016	-0.502	88.3	18.9	L. Cruz
6185	2,4-Dinitrotoluene	µg/L	< 0.200	< 4.50	0.00 - 4.50	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6190	2,6-Dinitrotoluene	µg/L	46.9	58.0	23.6 - 70.2	Acceptable	EPA 8270D 2007	8/16/2016	-0.178	48.4	8.23	L. Cruz
6200	Di-n-octylphthalate	µg/L	< 0.250	< 8.20	0.00 - 8.20	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6065	bis(2-Ethylhexyl)phthalate	µg/L	29.6	34.8	10.4 - 50.9	Acceptable	EPA 8270D 2007	8/16/2016	-0.170	30.4	4.89	L. Cruz
6265	Fluoranthene	µg/L	64.1	68.4	32.0 - 84.6	Acceptable	EPA 8270D 2007	8/16/2016	0.375	60.9	8.58	L. Cruz
6270	Fluorene	µg/L	21.7	28.4	12.4 - 38.4	Acceptable	EPA 8270D 2007	8/16/2016	-0.454	23.6	4.16	L. Cruz
6275	Hexachlorobenzene	µg/L	< 0.200	< 8.80	0.00 - 8.80	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
4835	Hexachlorobutadiene	µg/L	91.0	131	15.8 - 154	Acceptable	EPA 8270D 2007	8/16/2016	0.476	76.8	29.9	L. Cruz
6285	Hexachlorocyclopentadiene	µg/L	< 1.80	< 5.00	0.00 - 5.00	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz



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WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

4840	Hexachloroethane	µg/L	61.8	93.0	9.30 - 102	Acceptable	EPA 8270D 2007	8/16/2016	0.461	52.1	21.0	L. Cruz
6315	Indeno(1,2,3-cd)pyrene	µg/L	< 0.200	< 9.20	0.00 - 9.20	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6320	Isophorone	µg/L	20.3	24.0	8.61 - 31.1	Acceptable	EPA 8270D 2007	8/16/2016	0.243	19.4	3.61	L. Cruz
6385	2-Methylnaphthalene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
5005	Naphthalene	µg/L	70.4	97.6	23.3 - 116	Acceptable	EPA 8270D 2007	8/16/2016	-0.00327	70.5	16.9	L. Cruz
6460	2-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6465	3-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6470	4-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5015	Nitrobenzene	µg/L	16.0	23.2	7.26 - 29.3	Acceptable	EPA 8270D 2007	8/16/2016	-0.435	17.6	3.72	L. Cruz
6525	N-Nitrosodiethylamine	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6530	N-Nitrosodimethylamine	µg/L	49.8	81.2	8.12 - 97.5	Acceptable	EPA 8270D 2007	8/16/2016	0.318	44.0	18.1	L. Cruz
6535	N-Nitrosodiphenylamine	µg/L	< 0.200	< 5.60	0.00 - 5.60	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6545	N-Nitroso-di-n-propylamine	µg/L	< 0.200	< 9.40	0.00 - 9.40	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
4659	2,2'-Oxybis(1-Chloropropane)	µg/L		< 3.10	0.00 - 3.10	Not Reported						
6590	Pentachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6615	Phenanthrene	µg/L	30.2	38.3	17.9 - 49.1	Acceptable	EPA 8270D 2007	8/16/2016	-0.371	32.1	5.08	L. Cruz
6665	Pyrene	µg/L	26.1	30.7	13.1 - 40.9	Acceptable	EPA 8270D 2007	8/16/2016	-0.0910	26.5	3.94	L. Cruz
5095	Pyridine	µg/L	< 0.350	< 10.0	0.00 - 10.0	Acceptable	EPA 8270D 2007	8/16/2016				L. Cruz
6715	1,2,4,5-Tetrachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5155	1,2,4-Trichlorobenzene	µg/L	62.7	103	19.3 - 122	Acceptable	EPA 8270D 2007	8/16/2016	-0.0695	64.0	18.9	L. Cruz



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A Waters Company

WP-258 2009 TNI Evaluation Final Complete Report

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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711)

5500	Acenaphthene	µg/L	25.5	36.0	13.0 - 44.5	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.322	27.3	5.57	L. Cruz
5505	Acenaphthylene	µg/L	49.3	39.4	13.5 - 49.2	Not Acceptable	EPA 625 Appendix A 1982	8/16/2016	2.29	32.8	7.21	L. Cruz
5145	2-Amino-1-methylbenzene (o-toluidine)	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5545	Aniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5555	Anthracene	µg/L	15.8	19.7	8.07 - 27.0	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.327	16.7	2.69	L. Cruz
5595	Benidine	µg/L	< 0.700	< 200	0.00 - 200	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5575	Benzo(a)anthracene	µg/L	< 0.200	< 3.60	0.00 - 3.60	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5585	Benzo(b)fluoranthene	µg/L	23.9	24.6	9.27 - 32.0	Acceptable	EPA 625 Appendix A 1982	8/16/2016	1.02	20.5	3.29	L. Cruz
5600	Benzo(k)fluoranthene	µg/L	19.3	21.7	4.34 - 35.3	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.0258	19.2	2.87	L. Cruz
5590	Benzo(g,h,i)perylene	µg/L	9.47	12.8	6.11 - 18.2	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.873	10.9	1.68	L. Cruz
5580	Benzo(a)pyrene	µg/L	< 0.250	< 2.40	0.00 - 2.40	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5630	Benzyl alcohol	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5660	4-Bromophenyl-phenylether	µg/L	61.5	84.2	34.9 - 107	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.586	68.0	11.0	L. Cruz
5670	Butylbenzylphthalate	µg/L	56.3	58.9	16.2 - 79.5	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.464	52.5	8.20	L. Cruz
5680	Carbazole	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5745	4-Chloroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5760	bis(2-Chloroethoxy)methane	µg/L	61.5	98.0	35.4 - 115	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.811	72.4	13.4	L. Cruz
5765	bis(2-Chloroethyl)ether	µg/L	< 0.200	< 5.90	0.00 - 5.90	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5790	1-Chloronaphthalene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5795	2-Chloronaphthalene	µg/L	53.5	65.1	18.3 - 79.1	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.335	49.5	12.0	L. Cruz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

5825	4-Chlorophenyl-phenylether	µg/L	124	164	59.1 - 200	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.235	129	20.9	L. Cruz
5855	Chrysene	µg/L	< 0.200	< 5.80	0.00 - 5.80	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5895	Dibenz(a,h)anthracene	µg/L	< 0.200	< 6.90	0.00 - 6.90	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5905	Dibenzofuran	µg/L		48.2	18.5 - 58.4	Not Reported				37.5	6.90	
5925	Di-n-butylphthalate	µg/L	67.2	84.4	30.6 - 111	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.511	72.7	10.7	L. Cruz
4610	1,2-Dichlorobenzene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
4615	1,3-Dichlorobenzene	µg/L	17.8	28.0	3.55 - 35.7	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.239	16.4	5.69	L. Cruz
4620	1,4-Dichlorobenzene	µg/L	32.6	48.8	5.82 - 56.7	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.454	27.9	10.3	L. Cruz
5945	3,3'-Dichlorobenzidine	µg/L	< 0.350	< 5.00	0.00 - 5.00	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6070	Diethylphthalate	µg/L	70.4	96.3	17.3 - 134	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.497	76.7	12.7	L. Cruz
6135	Dimethylphthalate	µg/L	78.8	110	11.0 - 160	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.502	88.3	18.9	L. Cruz
6185	2,4-Dinitrotoluene	µg/L	< 0.200	< 4.50	0.00 - 4.50	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6190	2,6-Dinitrotoluene	µg/L	46.9	58.0	23.6 - 70.2	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.178	48.4	8.23	L. Cruz
6200	Di-n-octylphthalate	µg/L	< 0.250	< 8.20	0.00 - 8.20	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6065	bis(2-Ethylhexyl)phthalate	µg/L	29.6	34.8	10.4 - 50.9	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.170	30.4	4.89	L. Cruz
6265	Fluoranthene	µg/L	64.1	68.4	32.0 - 84.6	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.375	60.9	8.58	L. Cruz
6270	Fluorene	µg/L	21.7	28.4	12.4 - 38.4	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.454	23.6	4.16	L. Cruz
6275	Hexachlorobenzene	µg/L	< 0.200	< 8.80	0.00 - 8.80	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
4835	Hexachlorobutadiene	µg/L	91.0	131	15.8 - 154	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.476	76.8	29.9	L. Cruz
6285	Hexachlorocyclopentadiene	µg/L	< 1.80	< 5.00	0.00 - 5.00	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Base/Neutrals (cat# 833, lot# P258-711) (Continued)

4840	Hexachloroethane	µg/L	61.8	93.0	9.30 - 102	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.461	52.1	21.0	L. Cruz
6315	Indeno(1,2,3-cd)pyrene	µg/L	< 0.200	< 9.20	0.00 - 9.20	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6320	Isophorone	µg/L	20.3	24.0	8.61 - 31.1	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.243	19.4	3.61	L. Cruz
6385	2-Methylnaphthalene	µg/L	< 0.200	< 2.00	0.00 - 2.00	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
5005	Naphthalene	µg/L	70.4	97.6	23.3 - 116	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.00327	70.5	16.9	L. Cruz
6460	2-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6465	3-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6470	4-Nitroaniline	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5015	Nitrobenzene	µg/L	16.0	23.2	7.26 - 29.3	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.435	17.6	3.72	L. Cruz
6525	N-Nitrosodiethylamine	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6530	N-Nitrosodimethylamine	µg/L	49.8	81.2	8.12 - 97.5	Acceptable	EPA 625 Appendix A 1982	8/16/2016	0.318	44.0	18.1	L. Cruz
6535	N-Nitrosodiphenylamine	µg/L	< 0.200	< 5.60	0.00 - 5.60	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6545	N-Nitroso-di-n-propylamine	µg/L	< 0.200	< 9.40	0.00 - 9.40	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
4659	2,2'-Oxybis(1-Chloropropane)	µg/L		< 3.10	0.00 - 3.10	Not Reported						
6590	Pentachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
6615	Phenanthrene	µg/L	30.2	38.3	17.9 - 49.1	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.371	32.1	5.08	L. Cruz
6665	Pyrene	µg/L	26.1	30.7	13.1 - 40.9	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.0910	26.5	3.94	L. Cruz
5095	Pyridine	µg/L	< 0.350	< 10.0	0.00 - 10.0	Acceptable	EPA 625 Appendix A 1982	8/16/2016				L. Cruz
6715	1,2,4,5-Tetrachlorobenzene	µg/L		< 10.0	0.00 - 10.0	Not Reported						
5155	1,2,4-Trichlorobenzene	µg/L	62.7	103	19.3 - 122	Acceptable	EPA 625 Appendix A 1982	8/16/2016	-0.0695	64.0	18.9	L. Cruz



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TNI Analyte Code	Analyte	Units	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation	Method Description	Analysis Date	Z Score	Study Mean	Study Standard Deviation	Analyst Name

WP Acids (cat# 834, lot# P258-712)

5610	Benzoic acid	µg/L		< 30.0	0.00 - 30.0	Not Reported						
5700	4-Chloro-3-methylphenol	µg/L	62.0	96.9	36.7 - 120	Acceptable	EPA 8270C 3 1996	8/27/2016	-1.22	78.9	13.9	L. Cruz
5800	2-Chlorophenol	µg/L	< 0.200	< 9.60	0.00 - 9.60	Acceptable	EPA 8270C 3 1996	8/27/2016				L. Cruz
6000	2,4-Dichlorophenol	µg/L	69.1	109	36.1 - 130	Acceptable	EPA 8270C 3 1996	8/27/2016	-1.17	87.0	15.3	L. Cruz
6005	2,6-Dichlorophenol	µg/L		131	40.6 - 164	Not Reported				105	21.7	
6130	2,4-Dimethylphenol	µg/L	48.9	74.1	21.1 - 92.9	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.903	59.3	11.6	L. Cruz
6360	4,6-Dinitro-2-methylphenol	µg/L	61.5	94.2	29.0 - 131	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.794	72.8	14.3	L. Cruz
6175	2,4-Dinitrophenol	µg/L	76.2	110	11.0 - 157	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.163	79.5	20.1	L. Cruz
6400	2-Methylphenol	µg/L	40.2	70.7	16.4 - 84.5	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.933	52.4	13.1	L. Cruz
6410	4-Methylphenol	µg/L	61.2	116	11.6 - 150	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.711	77.0	22.2	L. Cruz
6490	2-Nitrophenol	µg/L	72.2	130	43.4 - 157	Acceptable	EPA 8270C 3 1996	8/27/2016	-1.52	102	19.3	L. Cruz
6500	4-Nitrophenol	µg/L	91.7	132	13.2 - 178	Acceptable	EPA 8270C 3 1996	8/27/2016	0.784	63.4	36.1	L. Cruz
6605	Pentachlorophenol	µg/L	87.0	111	36.7 - 150	Acceptable	EPA 8270C 3 1996	8/27/2016	-0.325	92.3	16.4	L. Cruz
6625	Phenol	µg/L	79.2	127	12.7 - 171	Acceptable	EPA 8270C 3 1996	8/27/2016	0.755	55.7	31.0	L. Cruz
6735	2,3,4,6-Tetrachlorophenol	µg/L		37.6	13.1 - 49.7	Not Reported				31.3	7.48	
6835	2,4,5-Trichlorophenol	µg/L	46.8	73.4	27.0 - 92.9	Acceptable	EPA 8270C 3 1996	8/27/2016	-1.51	62.6	10.4	L. Cruz
6840	2,4,6-Trichlorophenol	µg/L	54.6	85.0	31.8 - 104	Acceptable	EPA 8270C 3 1996	8/27/2016	-1.30	68.4	10.6	L. Cruz



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WP Acids (cat# 834, lot# P258-712)

5610	Benzoic acid	µg/L		< 30.0	0.00 - 30.0	Not Reported						
5700	4-Chloro-3-methylphenol	µg/L	62.0	96.9	36.7 - 120	Acceptable	EPA 8270D 2007	8/27/2016	-1.22	78.9	13.9	L. Cruz
5800	2-Chlorophenol	µg/L	< 0.200	< 9.60	0.00 - 9.60	Acceptable	EPA 8270D 2007	8/27/2016				L. Cruz
6000	2,4-Dichlorophenol	µg/L	69.1	109	36.1 - 130	Acceptable	EPA 8270D 2007	8/27/2016	-1.17	87.0	15.3	L. Cruz
6005	2,6-Dichlorophenol	µg/L		131	40.6 - 164	Not Reported				105	21.7	
6130	2,4-Dimethylphenol	µg/L	48.9	74.1	21.1 - 92.9	Acceptable	EPA 8270D 2007	8/27/2016	-0.903	59.3	11.6	L. Cruz
6360	4,6-Dinitro-2-methylphenol	µg/L	61.5	94.2	29.0 - 131	Acceptable	EPA 8270D 2007	8/27/2016	-0.794	72.8	14.3	L. Cruz
6175	2,4-Dinitrophenol	µg/L	76.2	110	11.0 - 157	Acceptable	EPA 8270D 2007	8/27/2016	-0.163	79.5	20.1	L. Cruz
6400	2-Methylphenol	µg/L	40.2	70.7	16.4 - 84.5	Acceptable	EPA 8270D 2007	8/27/2016	-0.933	52.4	13.1	L. Cruz
6410	4-Methylphenol	µg/L	61.2	116	11.6 - 150	Acceptable	EPA 8270D 2007	8/27/2016	-0.711	77.0	22.2	L. Cruz
6490	2-Nitrophenol	µg/L	72.2	130	43.4 - 157	Acceptable	EPA 8270D 2007	8/27/2016	-1.52	102	19.3	L. Cruz
6500	4-Nitrophenol	µg/L	91.7	132	13.2 - 178	Acceptable	EPA 8270D 2007	8/27/2016	0.784	63.4	36.1	L. Cruz
6605	Pentachlorophenol	µg/L	87.0	111	36.7 - 150	Acceptable	EPA 8270D 2007	8/27/2016	-0.325	92.3	16.4	L. Cruz
6625	Phenol	µg/L	79.2	127	12.7 - 171	Acceptable	EPA 8270D 2007	8/27/2016	0.755	55.7	31.0	L. Cruz
6735	2,3,4,6-Tetrachlorophenol	µg/L		37.6	13.1 - 49.7	Not Reported				31.3	7.48	
6835	2,4,5-Trichlorophenol	µg/L	46.8	73.4	27.0 - 92.9	Acceptable	EPA 8270D 2007	8/27/2016	-1.51	62.6	10.4	L. Cruz
6840	2,4,6-Trichlorophenol	µg/L	54.6	85.0	31.8 - 104	Acceptable	EPA 8270D 2007	8/27/2016	-1.30	68.4	10.6	L. Cruz



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WP Acids (cat# 834, lot# P258-712)

5610	Benzoic acid	µg/L		< 30.0	0.00 - 30.0	Not Reported						
5700	4-Chloro-3-methylphenol	µg/L	62.0	96.9	36.7 - 120	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-1.22	78.9	13.9	L. Cruz
5800	2-Chlorophenol	µg/L	< 0.200	< 9.60	0.00 - 9.60	Acceptable	EPA 625 Appendix A 1982	8/27/2016				L. Cruz
6000	2,4-Dichlorophenol	µg/L	69.1	109	36.1 - 130	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-1.17	87.0	15.3	L. Cruz
6005	2,6-Dichlorophenol	µg/L		131	40.6 - 164	Not Reported				105	21.7	
6130	2,4-Dimethylphenol	µg/L	48.9	74.1	21.1 - 92.9	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.903	59.3	11.6	L. Cruz
6360	4,6-Dinitro-2-methylphenol	µg/L	61.5	94.2	29.0 - 131	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.794	72.8	14.3	L. Cruz
6175	2,4-Dinitrophenol	µg/L	76.2	110	11.0 - 157	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.163	79.5	20.1	L. Cruz
6400	2-Methylphenol	µg/L	40.2	70.7	16.4 - 84.5	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.933	52.4	13.1	L. Cruz
6410	4-Methylphenol	µg/L	61.2	116	11.6 - 150	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.711	77.0	22.2	L. Cruz
6490	2-Nitrophenol	µg/L	72.2	130	43.4 - 157	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-1.52	102	19.3	L. Cruz
6500	4-Nitrophenol	µg/L	91.7	132	13.2 - 178	Acceptable	EPA 625 Appendix A 1982	8/27/2016	0.784	63.4	36.1	L. Cruz
6605	Pentachlorophenol	µg/L	87.0	111	36.7 - 150	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-0.325	92.3	16.4	L. Cruz
6625	Phenol	µg/L	79.2	127	12.7 - 171	Acceptable	EPA 625 Appendix A 1982	8/27/2016	0.755	55.7	31.0	L. Cruz
6735	2,3,4,6-Tetrachlorophenol	µg/L		37.6	13.1 - 49.7	Not Reported				31.3	7.48	
6835	2,4,5-Trichlorophenol	µg/L	46.8	73.4	27.0 - 92.9	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-1.51	62.6	10.4	L. Cruz
6840	2,4,6-Trichlorophenol	µg/L	54.6	85.0	31.8 - 104	Acceptable	EPA 625 Appendix A 1982	8/27/2016	-1.30	68.4	10.6	L. Cruz



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WP-258 2009 TNI Evaluation Final Complete Report

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WP Organochlorine Pesticides (cat# 831, lot# P258-713)

7025	Aldrin	µg/L	1.72	2.06	0.717 - 2.76	Acceptable	EPA 8081A 1 1996	8/23/2016	0.00676	1.72	0.368	K. Martinez
7110	alpha-BHC	µg/L	4.30	4.33	1.85 - 5.97	Acceptable	EPA 8081A 1 1996	8/23/2016	0.586	3.89	0.698	K. Martinez
7115	beta-BHC	µg/L	12.3	11.8	5.60 - 15.8	Acceptable	EPA 8081A 1 1996	8/23/2016	0.883	10.8	1.70	K. Martinez
7105	delta-BHC	µg/L	9.07	8.32	3.61 - 11.6	Acceptable	EPA 8081A 1 1996	8/23/2016	1.14	7.70	1.21	K. Martinez
7120	gamma-BHC(Lindane)	µg/L	4.29	3.68	1.66 - 5.15	Acceptable	EPA 8081A 1 1996	8/23/2016	1.27	3.49	0.631	K. Martinez
7240	alpha-Chlordane	µg/L	6.13	5.28	2.36 - 7.08	Acceptable	EPA 8081A 1 1996	8/23/2016	1.57	4.84	0.822	K. Martinez
7245	gamma-Chlordane	µg/L	4.29	4.02	1.76 - 5.38	Acceptable	EPA 8081A 1 1996	8/23/2016	0.844	3.76	0.626	K. Martinez
7355	4,4'-DDD	µg/L	9.04	8.96	4.52 - 12.2	Acceptable	EPA 8081A 1 1996	8/23/2016	0.681	8.16	1.29	K. Martinez
7360	4,4'-DDE	µg/L	5.11	6.98	3.02 - 9.40	Acceptable	EPA 8081A 1 1996	8/23/2016	-1.08	6.28	1.08	K. Martinez
7365	4,4'-DDT	µg/L	4.87	3.89	1.54 - 5.67	Acceptable	EPA 8081A 1 1996	8/23/2016	1.77	3.65	0.689	K. Martinez
7470	Dieldrin	µg/L	7.20	4.44	2.24 - 5.92	Not Acceptable	EPA 8081A 1 1996	8/23/2016	4.20	4.06	0.746	K. Martinez
7540	Endrin	µg/L	4.71	4.71	2.06 - 6.73	Acceptable	EPA 8081A 1 1996	8/23/2016	0.791	4.21	0.627	K. Martinez
7530	Endrin aldehyde	µg/L	9.49	9.46	3.53 - 13.7	Acceptable	EPA 8081A 1 1996	8/23/2016	1.43	7.80	1.18	K. Martinez
7535	Endrin ketone	µg/L	15.2	12.6	6.79 - 16.5	Acceptable	EPA 8081A 1 1996	8/23/2016	1.90	11.6	1.87	K. Martinez
7510	Endosulfan I	µg/L	9.53	9.40	3.59 - 12.6	Acceptable	EPA 8081A 1 1996	8/23/2016	0.935	8.23	1.39	K. Martinez
7515	Endosulfan II	µg/L	7.10	7.11	2.88 - 9.78	Acceptable	EPA 8081A 1 1996	8/23/2016	0.411	6.70	0.961	K. Martinez
7520	Endosulfan sulfate	µg/L	10.6	9.44	4.35 - 13.2	Acceptable	EPA 8081A 1 1996	8/23/2016	1.66	8.67	1.16	K. Martinez
7685	Heptachlor	µg/L	7.80	8.34	3.00 - 11.2	Acceptable	EPA 8081A 1 1996	8/23/2016	0.460	7.13	1.46	K. Martinez
7690	Heptachlor epoxide (beta)	µg/L	10.4	9.96	5.05 - 13.2	Acceptable	EPA 8081A 1 1996	8/23/2016	0.968	9.04	1.40	K. Martinez
7810	Methoxychlor	µg/L	9.23	9.42	4.03 - 13.7	Acceptable	EPA 8081A 1 1996	8/23/2016	0.277	8.81	1.50	K. Martinez



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7115	beta-BHC	µg/L	12.3	11.8	5.60 - 15.8	Acceptable	EPA 8081B 2000	8/23/2016	0.883	10.8	1.70	K. Martinez
7105	delta-BHC	µg/L	9.07	8.32	3.61 - 11.6	Acceptable	EPA 8081B 2000	8/23/2016	1.14	7.70	1.21	K. Martinez
7120	gamma-BHC(Lindane)	µg/L	4.29	3.68	1.66 - 5.15	Acceptable	EPA 8081B 2000	8/23/2016	1.27	3.49	0.631	K. Martinez
7240	alpha-Chlordane	µg/L	6.13	5.28	2.36 - 7.08	Acceptable	EPA 8081B 2000	8/23/2016	1.57	4.84	0.822	K. Martinez
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7360	4,4'-DDE	µg/L	5.11	6.98	3.02 - 9.40	Acceptable	EPA 8081B 2000	8/23/2016	-1.08	6.28	1.08	K. Martinez
7365	4,4'-DDT	µg/L	4.87	3.89	1.54 - 5.67	Acceptable	EPA 8081B 2000	8/23/2016	1.77	3.65	0.689	K. Martinez
7470	Dieldrin	µg/L	7.20	4.44	2.24 - 5.92	Not Acceptable	EPA 8081B 2000	8/23/2016	4.20	4.06	0.746	K. Martinez
7540	Endrin	µg/L	4.71	4.71	2.06 - 6.73	Acceptable	EPA 8081B 2000	8/23/2016	0.791	4.21	0.627	K. Martinez
7530	Endrin aldehyde	µg/L	9.49	9.46	3.53 - 13.7	Acceptable	EPA 8081B 2000	8/23/2016	1.43	7.80	1.18	K. Martinez
7535	Endrin ketone	µg/L	15.2	12.6	6.79 - 16.5	Acceptable	EPA 8081B 2000	8/23/2016	1.90	11.6	1.87	K. Martinez
7510	Endosulfan I	µg/L	9.53	9.40	3.59 - 12.6	Acceptable	EPA 8081B 2000	8/23/2016	0.935	8.23	1.39	K. Martinez
7515	Endosulfan II	µg/L	7.10	7.11	2.88 - 9.78	Acceptable	EPA 8081B 2000	8/23/2016	0.411	6.70	0.961	K. Martinez
7520	Endosulfan sulfate	µg/L	10.6	9.44	4.35 - 13.2	Acceptable	EPA 8081B 2000	8/23/2016	1.66	8.67	1.16	K. Martinez
7685	Heptachlor	µg/L	7.80	8.34	3.00 - 11.2	Acceptable	EPA 8081B 2000	8/23/2016	0.460	7.13	1.46	K. Martinez
7690	Heptachlor epoxide (beta)	µg/L	10.4	9.96	5.05 - 13.2	Acceptable	EPA 8081B 2000	8/23/2016	0.968	9.04	1.40	K. Martinez
7810	Methoxychlor	µg/L	9.23	9.42	4.03 - 13.7	Acceptable	EPA 8081B 2000	8/23/2016	0.277	8.81	1.50	K. Martinez



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7115	beta-BHC	µg/L	12.3	11.8	5.60 - 15.8	Acceptable	EPA 608 Appendix A	8/23/2016	0.883	10.8	1.70	K. Martinez
7105	delta-BHC	µg/L	9.07	8.32	3.61 - 11.6	Acceptable	EPA 608 Appendix A	8/23/2016	1.14	7.70	1.21	K. Martinez
7120	gamma-BHC(Lindane)	µg/L	4.29	3.68	1.66 - 5.15	Acceptable	EPA 608 Appendix A	8/23/2016	1.27	3.49	0.631	K. Martinez
7240	alpha-Chlordane	µg/L	6.13	5.28	2.36 - 7.08	Acceptable	EPA 608 Appendix A	8/23/2016	1.57	4.84	0.822	K. Martinez
7245	gamma-Chlordane	µg/L	4.29	4.02	1.76 - 5.38	Acceptable	EPA 608 Appendix A	8/23/2016	0.844	3.76	0.626	K. Martinez
7355	4,4'-DDD	µg/L	9.04	8.96	4.52 - 12.2	Acceptable	EPA 608 Appendix A	8/23/2016	0.681	8.16	1.29	K. Martinez
7360	4,4'-DDE	µg/L	5.11	6.98	3.02 - 9.40	Acceptable	EPA 608 Appendix A	8/23/2016	-1.08	6.28	1.08	K. Martinez
7365	4,4'-DDT	µg/L	4.87	3.89	1.54 - 5.67	Acceptable	EPA 608 Appendix A	8/23/2016	1.77	3.65	0.689	K. Martinez
7470	Dieldrin	µg/L	7.20	4.44	2.24 - 5.92	Not Acceptable	EPA 608 Appendix A	8/23/2016	4.20	4.06	0.746	K. Martinez
7540	Endrin	µg/L	4.71	4.71	2.06 - 6.73	Acceptable	EPA 608 Appendix A	8/23/2016	0.791	4.21	0.627	K. Martinez
7530	Endrin aldehyde	µg/L	9.49	9.46	3.53 - 13.7	Acceptable	EPA 608 Appendix A	8/23/2016	1.43	7.80	1.18	K. Martinez
7535	Endrin ketone	µg/L	15.2	12.6	6.79 - 16.5	Acceptable	EPA 608 Appendix A	8/23/2016	1.90	11.6	1.87	K. Martinez
7510	Endosulfan I	µg/L	9.53	9.40	3.59 - 12.6	Acceptable	EPA 608 Appendix A	8/23/2016	0.935	8.23	1.39	K. Martinez
7515	Endosulfan II	µg/L	7.10	7.11	2.88 - 9.78	Acceptable	EPA 608 Appendix A	8/23/2016	0.411	6.70	0.961	K. Martinez
7520	Endosulfan sulfate	µg/L	10.6	9.44	4.35 - 13.2	Acceptable	EPA 608 Appendix A	8/23/2016	1.66	8.67	1.16	K. Martinez
7685	Heptachlor	µg/L	7.80	8.34	3.00 - 11.2	Acceptable	EPA 608 Appendix A	8/23/2016	0.460	7.13	1.46	K. Martinez
7690	Heptachlor epoxide (beta)	µg/L	10.4	9.96	5.05 - 13.2	Acceptable	EPA 608 Appendix A	8/23/2016	0.968	9.04	1.40	K. Martinez
7810	Methoxychlor	µg/L	9.23	9.42	4.03 - 13.7	Acceptable	EPA 608 Appendix A	8/23/2016	0.277	8.81	1.50	K. Martinez



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WP Chlordane (cat# 837, lot# P258-716)

7250	Chlordane, technical	µg/L	9.10	9.39	3.94 - 12.8	Acceptable	EPA 8081A 1 1996	8/24/2016	0.546	8.14	1.77	K. Martinez

WP Chlordane (cat# 837, lot# P258-716)

7250	Chlordane, technical	µg/L	9.10	9.39	3.94 - 12.8	Acceptable	EPA 8081B 2000	8/24/2016	0.546	8.14	1.77	K. Martinez

WP Chlordane (cat# 837, lot# P258-716)

7250	Chlordane, technical	µg/L	9.10	9.39	3.94 - 12.8	Acceptable	EPA 608 Appendix A	8/24/2016	0.546	8.14	1.77	K. Martinez

WP Toxaphene (cat# 838, lot# P258-717)

8250	Toxaphene	µg/L	26.3	33.0	7.34 - 49.8	Acceptable	EPA 8081A 1 1996	8/24/2016	-0.529	28.8	4.82	K. Martinez

WP Toxaphene (cat# 838, lot# P258-717)

8250	Toxaphene	µg/L	26.3	33.0	7.34 - 49.8	Acceptable	EPA 8081B 2000	8/24/2016	-0.529	28.8	4.82	K. Martinez

WP Toxaphene (cat# 838, lot# P258-717)

8250	Toxaphene	µg/L	26.3	33.0	7.34 - 49.8	Acceptable	EPA 608 Appendix A	8/24/2016	-0.529	28.8	4.82	K. Martinez

WP Gasoline Range Organics (GRO) in Water (cat# 640, lot# P258-762)

9408	Gasoline Range Organics (GRO)	µg/L	1472	1450	496 - 2590	Acceptable	EPA 8015B 2 1996	8/16/2016	-0.435	1690	496	S. Diaz
4375	Benzene in GRO	µg/L		14.8	6.90 - 24.2	Not Reported				16.6	0.963	
4765	Ethylbenzene in GRO	µg/L		49.6	30.6 - 68.3	Not Reported				51.3	2.71	
5140	Toluene in GRO	µg/L		122	68.2 - 159	Not Reported				131	4.52	
5260	Xylenes, total in GRO	µg/L		145	90.8 - 196	Not Reported				156	5.33	



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WP Gasoline Range Organics (GRO) in Water (cat# 640, lot# P258-762)

9408	Gasoline Range Organics (GRO)	µg/L	1472	1450	496 - 2590	Acceptable	EPA 8015D 2003	8/16/2016	-0.435	1690	496	S. Diaz
4375	Benzene in GRO	µg/L		14.8	6.90 - 24.2	Not Reported				16.6	0.963	
4765	Ethylbenzene in GRO	µg/L		49.6	30.6 - 68.3	Not Reported				51.3	2.71	
5140	Toluene in GRO	µg/L		122	68.2 - 159	Not Reported				131	4.52	
5260	Xylenes, total in GRO	µg/L		145	90.8 - 196	Not Reported				156	5.33	

WP Diesel Range Organics (DRO) in Water (cat# 641, lot# P258-764)

9369	Diesel Range Organics (DRO)	µg/L	2065	2770	582 - 3540	Acceptable	EPA 8015B 2 1996	8/27/2016	0.152	1980	527	R. Marrero

WP Diesel Range Organics (DRO) in Water (cat# 641, lot# P258-764)

9369	Diesel Range Organics (DRO)	µg/L	2065	2770	582 - 3540	Acceptable	EPA 8015D 2003	8/27/2016	0.152	1980	527	R. Marrero

WP Total Petroleum Hydrocarbons (TPH) in Water (cat# 642, lot# P258-642)

1935	TPH (Gravimetric)	mg/L	124	130	61.9 - 188	Acceptable	EPA 1664A	8/16/2016	0.791	106	22.3	D. Silva
1935	TPH (IR)	mg/L		160	76.7 - 231	Not Reported				132	54.5	



CERTIFICATE OF RECOGNITION

ERA congratulates
Environmental Quality Lab
WP-258

For your participation and successful evaluation, we recognize the performance of this laboratory for achieving acceptable evaluation in the following standards.

Acids	Chlordane	Chlorinated Acid Herbicides	Color	Complex Nutrients
Demand	Diesel Range Organics (DRO) in Water	Gasoline Range Organics (GRO) in Water	Hardness	Hexavalent Chromium
Low-Level Mercury	Mercury	Nitrite	Oil & Grease	PCBs in Oil
PCBs in Water	pH	Silica	Simple Nutrients	Sulfide
Surfactants - MBAS	Total Cyanide	Total Petroleum Hydrocarbons (TPH) in Water	Total Phenolics (4-AAP)	Total Residual Chlorine
Toxaphene	Trace Metals	Turbidity		



Patrick Larson
Quality Officer