Client: Cardno, Inc.
Project: Deer Park Fire

Service Request: K1902516

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds

Sample Name	Lab Code	Date Collected	Date Received
WT-20190322-SF-005	K1902516-001	03/22/2019	03/23/2019
WT-20190322-SF-006	K1902516-002	03/22/2019	03/23/2019
WT-20190322-SF-007	K1902516-003	03/22/2019	03/23/2019
WT-20190322-SF-008	K1902516-004	03/22/2019	03/23/2019

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ALS Group USA, Corp. dba ALS Environmental

Analytical Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Collected:**	03/22/2019
Sample Matrix:	Water	**Date Received:**	03/23/2019

Volatile Organic Compounds

Sample Name:	WT-20190322-SF-005	**Units:**	ug/L
Lab Code:	K1902516-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	**0.070**	J	0.50	0.062	1	03/26/19	03/26/19	KWG1901368	
Toluene	**0.060**	J	0.50	0.054	1	03/26/19	03/26/19	KWG1901368	
Ethylbenzene	ND	U	0.50	0.050	1	03/26/19	03/26/19	KWG1901368	
m,p-Xylenes	ND	U	0.50	0.11	1	03/26/19	03/26/19	KWG1901368	
o-Xylene	ND	U	0.50	0.074	1	03/26/19	03/26/19	KWG1901368	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	106	73-122	03/26/19	Acceptable
Toluene-d8	112	65-144	03/26/19	Acceptable
4-Bromofluorobenzene	96	68-117	03/26/19	Acceptable

Comments:

ALS Group USA, Corp. dba ALS Environmental

Analytical Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Collected:**	03/22/2019
Sample Matrix:	Water	**Date Received:**	03/23/2019

Volatile Organic Compounds

Sample Name:	WT-20190322-SF-006	**Units:**	ug/L
Lab Code:	K1902516-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	**4.7**		0.50	0.062	1	03/26/19	03/26/19	KWG1901368	
Toluene	**0.47**	J	0.50	0.054	1	03/26/19	03/26/19	KWG1901368	
Ethylbenzene	ND	U	0.50	0.050	1	03/26/19	03/26/19	KWG1901368	
m,p-Xylenes	ND	U	0.50	0.11	1	03/26/19	03/26/19	KWG1901368	
o-Xylene	**1.4**		0.50	0.074	1	03/26/19	03/26/19	KWG1901368	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	106	73-122	03/26/19	Acceptable
Toluene-d8	113	65-144	03/26/19	Acceptable
4-Bromofluorobenzene	96	68-117	03/26/19	Acceptable

Comments:

ALS Group USA, Corp. dba ALS Environmental

Analytical Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Collected:**	03/22/2019
Sample Matrix:	Water	**Date Received:**	03/23/2019

Volatile Organic Compounds

Sample Name:	WT-20190322-SF-007	**Units:**	ug/L
Lab Code:	K1902516-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	**0.11**	J	0.50	0.062	1	03/26/19	03/26/19	KWG1901368	
Toluene	ND	U	0.50	0.054	1	03/26/19	03/26/19	KWG1901368	
Ethylbenzene	ND	U	0.50	0.050	1	03/26/19	03/26/19	KWG1901368	
m,p-Xylenes	ND	U	0.50	0.11	1	03/26/19	03/26/19	KWG1901368	
o-Xylene	ND	U	0.50	0.074	1	03/26/19	03/26/19	KWG1901368	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	108	73-122	03/26/19	Acceptable
Toluene-d8	114	65-144	03/26/19	Acceptable
4-Bromofluorobenzene	95	68-117	03/26/19	Acceptable

Comments:

ALS Group USA, Corp. dba ALS Environmental

Analytical Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Collected:**	03/22/2019
Sample Matrix:	Water	**Date Received:**	03/23/2019

Volatile Organic Compounds

Sample Name:	WT-20190322-SF-008	**Units:**	ug/L
Lab Code:	K1902516-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	0.50	0.062	1	03/26/19	03/26/19	KWG1901368	
Toluene	ND	U	0.50	0.054	1	03/26/19	03/26/19	KWG1901368	
Ethylbenzene	ND	U	0.50	0.050	1	03/26/19	03/26/19	KWG1901368	
m,p-Xylenes	ND	U	0.50	0.11	1	03/26/19	03/26/19	KWG1901368	
o-Xylene	ND	U	0.50	0.074	1	03/26/19	03/26/19	KWG1901368	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	107	73-122	03/26/19	Acceptable
Toluene-d8	112	65-144	03/26/19	Acceptable
4-Bromofluorobenzene	93	68-117	03/26/19	Acceptable

Comments:

ALS Group USA, Corp. dba ALS Environmental

Analytical Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	KWG1901368-5	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzene	ND	U	0.50	0.062	1	03/26/19	03/26/19	KWG1901368	
Toluene	ND	U	0.50	0.054	1	03/26/19	03/26/19	KWG1901368	
Ethylbenzene	ND	U	0.50	0.050	1	03/26/19	03/26/19	KWG1901368	
m,p-Xylenes	ND	U	0.50	0.11	1	03/26/19	03/26/19	KWG1901368	
o-Xylene	ND	U	0.50	0.074	1	03/26/19	03/26/19	KWG1901368	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	109	73-122	03/26/19	Acceptable
Toluene-d8	109	65-144	03/26/19	Acceptable
4-Bromofluorobenzene	95	68-117	03/26/19	Acceptable

Comments:

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Cardno, Inc.
Project: Deer Park Fire
Sample Matrix: Water

Service Request: K1902516

Surrogate Recovery Summary
Volatile Organic Compounds

Extraction Method: EPA 5030B
Analysis Method: 8260C

Units: Percent
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3
WT-20190322-SF-005	K1902516-001	106	112	96
WT-20190322-SF-006	K1902516-002	106	113	96
WT-20190322-SF-007	K1902516-003	108	114	95
WT-20190322-SF-008	K1902516-004	107	112	93
Method Blank	KWG1901368-5	109	109	95
Lab Control Sample	KWG1901368-3	112	120	104
Duplicate Lab Control Sample	KWG1901368-4	117	120	103

Surrogate Recovery Control Limits (%)

Sur1	=	Dibromofluoromethane	73-122
Sur2	=	Toluene-d8	65-144
Sur3	=	4-Bromofluorobenzene	68-117

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

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QA/QC Report

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Analyzed:**	03/26/2019
		Time Analyzed:	08:46

Internal Standard Area and RT Summary
Volatile Organic Compounds

File ID:	J:\MS18\DATA\032619\0326F004.D	**Lab Code:**	KWG1901369-2
Instrument ID:	MS18	**Analysis Lot:**	KWG1901369
Analysis Method:	8260C		

		Fluorobenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Results ==>	608,686	5.76	249,351	9.18	232,511	11.59
	Upper Limit ==>	1,217,372	6.26	498,702	9.68	465,022	12.09
	Lower Limit ==>	304,343	5.26	124,676	8.68	116,256	11.09
	ICAL Result ==>	636,447	5.76	255,613	9.19	252,653	11.59
Associated Analyses							
Lab Control Sample	KWG1901368-3	535,832	5.76	223,528	9.18	219,282	11.59
Duplicate Lab Control Sample	KWG1901368-4	531,669	5.76	221,785	9.18	215,487	11.59
Method Blank	KWG1901368-5	502,294	5.77	202,880	9.19	184,257	11.60
WT-20190322-SF-005	K1902516-001	495,928	5.77	199,370	9.19	190,017	11.60
WT-20190322-SF-006	K1902516-002	497,568	5.77	202,515	9.19	186,040	11.60
WT-20190322-SF-007	K1902516-003	478,293	5.77	197,922	9.18	182,183	11.60
WT-20190322-SF-008	K1902516-004	492,095	5.77	202,391	9.19	180,880	11.59

Results flagged with an asterisk (*) indicate values outside control criteria.

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QA/QC Report

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Extracted:**	03/26/2019
Sample Matrix:	Water	**Date Analyzed:**	03/26/2019

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method:	EPA 5030B	**Units:**	ug/L
Analysis Method:	8260C	**Basis:**	NA
		Level:	Low
		Extraction Lot:	KWG1901368

	Lab Control Sample KWG1901368-3 Lab Control Spike			Duplicate Lab Control Sample KWG1901368-4 Duplicate Lab Control Spike					
Analyte Name	**Result**	**Spike Amount**	**%Rec**	**Result**	**Spike Amount**	**%Rec**	**%Rec Limits**	**RPD**	**RPD Limit**
Benzene	10.1	10.0	101	10.3	10.0	103	69-124	2	30
Toluene	9.77	10.0	98	10.2	10.0	102	69-124	4	30
Ethylbenzene	9.39	10.0	94	9.66	10.0	97	67-121	3	30
m,p-Xylenes	19.2	20.0	96	19.7	20.0	98	69-121	3	30
o-Xylene	9.54	10.0	95	9.69	10.0	97	71-119	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Extracted:**	03/26/2019
Sample Matrix:	Water	**Date Analyzed:**	03/26/2019
		Time Analyzed:	11:37

Method Blank Summary
Volatile Organic Compounds

Sample Name:	Method Blank	**Instrument ID:**	MS18
Lab Code:	KWG1901368-5	**File ID:**	J:\MS18\DATA\032619\0326F011.D
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C	**Extraction Lot:**	KWG1901368

This Method Blank applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Lab Control Sample	KWG1901368-3	J:\MS18\DATA\032619\0326F005.D	03/26/19	09:08
Duplicate Lab Control Sample	KWG1901368-4	J:\MS18\DATA\032619\0326F006.D	03/26/19	09:29
WT-20190322-SF-005	K1902516-001	J:\MS18\DATA\032619\0326F013.D	03/26/19	12:20
WT-20190322-SF-006	K1902516-002	J:\MS18\DATA\032619\0326F014.D	03/26/19	12:43
WT-20190322-SF-007	K1902516-003	J:\MS18\DATA\032619\0326F015.D	03/26/19	13:05
WT-20190322-SF-008	K1902516-004	J:\MS18\DATA\032619\0326F016.D	03/26/19	13:27

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QA/QC Report

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Extracted:**	03/26/2019
Sample Matrix:	Water	**Date Analyzed:**	03/26/2019
		Time Analyzed:	09:08

Lab Control Sample Summary
Volatile Organic Compounds

Sample Name:	Lab Control Sample	**Instrument ID:**	MS18
Lab Code:	KWG1901368-3	**File ID:**	J:\MS18\DATA\032619\0326F005.D
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260C	**Extraction Lot:**	KWG1901368

This Lab Control Sample applies to the following analyses:

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed
Method Blank	KWG1901368-5	J:\MS18\DATA\032619\0326F011.D	03/26/19	11:37
WT-20190322-SF-005	K1902516-001	J:\MS18\DATA\032619\0326F013.D	03/26/19	12:20
WT-20190322-SF-006	K1902516-002	J:\MS18\DATA\032619\0326F014.D	03/26/19	12:43
WT-20190322-SF-007	K1902516-003	J:\MS18\DATA\032619\0326F015.D	03/26/19	13:05
WT-20190322-SF-008	K1902516-004	J:\MS18\DATA\032619\0326F016.D	03/26/19	13:27

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QA/QC Results

Client: Cardno, Inc.
Project: Deer Park Fire

Service Request: K1902516
Date Analyzed: 03/26/2019
Time Analyzed: 08:27

Tune Summary
Volatile Organic Compounds

File ID: J:\MS18\DATA\032619\0326F003.D
Instrument ID: GC-MS 18
Column:

Analysis Method: 8260C
Analysis Lot: KWG1901369

Target Mass	Relative to Mass	Lower Limit%	Upper Limit%	Relative Abundance %	Raw Abundance	Result Pass/Fail
50	95	15	40	17.4	8204	PASS
75	95	30	60	46.2	21744	PASS
95	95	100	100	100.0	47104	PASS
96	95	5	9	7.0	3309	PASS
173	174	0	2	0.4	147	PASS
174	95	50	120	83.7	39437	PASS
175	174	5	9	6.4	2517	PASS
176	174	95	101	97.9	38608	PASS
177	176	5	9	6.7	2575	PASS

Sample Name	Lab Code	File ID	Date Analyzed	Time Analyzed	Q
Continuing Calibration Verification	KWG1901369-2	J:\MS18\DATA\032619\0326F004.D	03/26/2019	08:46	
Lab Control Sample	KWG1901368-3	J:\MS18\DATA\032619\0326F005.D	03/26/2019	09:08	
Duplicate Lab Control Sample	KWG1901368-4	J:\MS18\DATA\032619\0326F006.D	03/26/2019	09:29	
Method Blank	KWG1901368-5	J:\MS18\DATA\032619\0326F011.D	03/26/2019	11:37	
WT-20190322-SF-005	K1902516-001	J:\MS18\DATA\032619\0326F013.D	03/26/2019	12:20	
WT-20190322-SF-006	K1902516-002	J:\MS18\DATA\032619\0326F014.D	03/26/2019	12:43	
WT-20190322-SF-007	K1902516-003	J:\MS18\DATA\032619\0326F015.D	03/26/2019	13:05	
WT-20190322-SF-008	K1902516-004	J:\MS18\DATA\032619\0326F016.D	03/26/2019	13:27	

Results flagged with an asterisk (*) indicate the analysis performed outside specified tune window

QA/QC Results

Client: Cardno, Inc. **Service Request:** K1902516
Project: Deer Park Fire **Calibration Date:** 03/11/2019

Initial Calibration Summary
Volatile Organic Compounds

Calibration ID: CAL15990 **Column:** MS
Instrument ID: MS18

Level ID	File ID	Level ID	File ID
A	J:\MS18\DATA\031119DODSHORT\0311F006.D	G	J:\MS18\DATA\031119DODSHORT\0311F012.D
B	J:\MS18\DATA\031119DODSHORT\0311F007.D	H	J:\MS18\DATA\031119DODSHORT\0311F013.D
C	J:\MS18\DATA\031119DODSHORT\0311F008.D	I	J:\MS18\DATA\031119DODSHORT\0311F015.D
D	J:\MS18\DATA\031119DODSHORT\0311F009.D	J	J:\MS18\DATA\031119DODSHORT\0311F017.D
E	J:\MS18\DATA\031119DODSHORT\0311F010.D	K	J:\MS18\DATA\031119DODSHORT\0311F019.D
F	J:\MS18\DATA\031119DODSHORT\0311F011.D		

Analyte Name	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF	Level ID	Amt	RRF
Benzene	A	0.10	0.993	B	0.20	1.00	C	0.50	0.948	D	1.0	0.948	E	2.0	0.990
	F	5.0	0.877	G	10	0.862	H	20	0.861	I	40	0.942	J	60	1.03
	K	80	0.868												
Toluene	A	0.10	0.629	B	0.20	0.569	C	0.50	0.605	D	1.0	0.599	E	2.0	0.648
	F	5.0	0.564	G	10	0.571	H	20	0.575	I	40	0.634	J	60	0.702
	K	80	0.585												
Ethylbenzene	A	0.10	0.843	B	0.20	0.849	C	0.50	0.825	D	1.0	0.861	E	2.0	0.991
	F	5.0	0.860	G	10	0.848	H	20	0.872	I	40	0.969	J	60	1.09
	K	80	0.909												
m,p-Xylenes	A	0.20	1.04	B	0.40	1.01	C	1.0	1.04	D	2.0	1.04	E	4.0	1.20
	F	10	1.05	G	20	1.04	H	40	1.08	I	80	1.20	J	120	1.33
	K	160	1.12												
o-Xylene	A	0.10	0.946	B	0.20	0.953	C	0.50	0.971	D	1.0	0.971	E	2.0	1.14
	F	5.0	1.01	G	10	1.02	H	20	1.06	I	40	1.17	J	60	1.31
	K	80	1.08												
Dibromofluoromethane										D	4.0	0.186	E	6.0	0.197
	F	8.0	0.164	G	10	0.171	H	12	0.187	I	14	0.191	J	16	0.209
	K	20	0.182												
Toluene-d8										D	4.0	0.941	E	6.0	0.935
	F	8.0	0.735	G	10	0.761	H	12	0.818	I	14	0.846	J	16	0.934
	K	20	0.806												
4-Bromofluorobenzene										D	4.0	0.841	E	6.0	0.885
	F	8.0	0.699	G	10	0.741	H	12	0.795	I	14	0.823	J	16	0.879
	K	20	0.757												

Results flagged with an asterisk (*) indicate values outside control criteria.

† **SPCC Compound** ‡ **CCC Compound**

Client: Cardno, Inc. **Service Request:** K1902516
Project: Deer Park Fire **Calibration Date:** 03/11/2019

Initial Calibration Summary
Volatile Organic Compounds

Calibration ID: CAL15990 **Column:** MS
Instrument ID: MS18

		Calibration Evaluation					RRF Evaluation		
Analyte Name	Compound Type	Fit Type	Eval.	Eval. Result	Q	Control Criteria	Average RRF	Q	Minimum RRF
Benzene	MS	AverageRF	% RSD	6.7		≤ 20	0.939		0.500
Toluene	MS	AverageRF	% RSD	7.0		≤ 20	0.607		0.400
Ethylbenzene	MS	AverageRF	% RSD	9.0		≤ 20	0.901		0.100
m,p-Xylenes	MS	AverageRF	% RSD	9.1		≤ 20	1.10		0.100
o-Xylene	MS	AverageRF	% RSD	10.5		≤ 20	1.06		0.300
Dibromofluoromethane	SURR	AverageRF	% RSD	7.6		≤ 20	0.186		0.01
Toluene-d8	SURR	AverageRF	% RSD	9.6		≤ 20	0.847		0.01
4-Bromofluorobenzene	SURR	AverageRF	% RSD	8.3		≤ 20	0.803		0.01

Results flagged with an asterisk (*) indicate values outside control criteria.

† **SPCC Compound** ‡ **CCC Compound**

ALS Group USA, Corp. dba ALS Environmental

QA/QC Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Calibration Date:**	03/11/2019
		Date Analyzed:	03/11/2019

Second Source Calibration Verification
Volatile Organic Compounds

Calibration Type:	Internal Standard	**Calibration ID:**	CAL15990
Analysis Method:	8260C	**Units:**	PPB

File ID: J:\MS18\DATA\031119DODSHORT\0311F022.D

Analyte Name	Expected	Result	Average RF	SSV RF	%D	%Drift	Criteria	Curve Fit
Benzene	10	10	0.939	0.982	5	NA	± 30 %	AverageRF
Toluene	10	11	0.607	0.641	6	NA	± 30 %	AverageRF
Ethylbenzene	10	11	0.901	0.959	6	NA	± 30 %	AverageRF
m,p-Xylenes	20	21	1.10	1.18	7	NA	± 30 %	AverageRF
o-Xylene	10	11	1.06	1.12	6	NA	± 30 %	AverageRF

Results flagged with an asterisk (*) indicate values outside control criteria.

† **SPCC Compound** ‡ **CCC Compound**

ALS Group USA, Corp. dba ALS Environmental

QA/QC Results

Client: Cardno, Inc. **Service Request:** K1902516
Project: Deer Park Fire **Date Analyzed:** 03/26/2019

Continuing Calibration Verification Summary
Volatile Organic Compounds

Calibration Type: Internal Standard **Calibration Date:** 03/11/2019
Analysis Method: 8260C **Calibration ID:** CAL15990
Analysis Lot: KWG1901369
Units: PPB

File ID: J:\MS18\DATA\032619\0326F004.D

Analyte Name	Expected	Result	Min RF	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	10	9.1	0.500	0.939	0.850	-9	NA	± 20	AverageRF
Toluene	10	9.0	0.400	0.607	0.544	-10	NA	± 20	AverageRF
Ethylbenzene	10	8.8	0.100	0.901	0.788	-13	NA	± 20	AverageRF
m,p-Xylenes	20	18	0.100	1.10	0.983	-11	NA	± 20	AverageRF
o-Xylene	10	8.8	0.300	1.06	0.932	-12	NA	± 20	AverageRF
Dibromofluoromethane	10	11	0.01	0.186	0.208	12	NA	± 20	AverageRF
Toluene-d8	10	11	0.01	0.847	0.958	13	NA	± 20	AverageRF
4-Bromofluorobenzene	10	11	0.01	0.803	0.843	5	NA	± 20	AverageRF

Results flagged with an asterisk (*) indicate values outside control criteria.

† SPCC Compound **‡ CCC Compound**

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QA/QC Results

Client: Cardno, Inc. **Service Request:** K1902516
Project: Deer Park Fire

Analysis Run Log
Volatile Organic Compounds

Analysis Method: 8260C **Analysis Lot:** KWG1901369
Instrument ID: MS18

File ID	Sample Name	Lab Code	Date Analysis Started	Start Time	Q	Date Analysis Finished	Finish Time
0326F003.D	GC/MS Tuning - Bromofluorobenzene	KWG1901369-1	3/26/2019	08:27		3/26/2019	08:30
0326F004.D	Continuing Calibration Verification	KWG1901369-2	3/26/2019	08:46		3/26/2019	09:02
0326F005.D	Lab Control Sample	KWG1901368-3	3/26/2019	09:08		3/26/2019	09:24
0326F006.D	Duplicate Lab Control Sample	KWG1901368-4	3/26/2019	09:29		3/26/2019	09:45
0326F007.D	ZZZZZZ	ZZZZZZ	3/26/2019	10:11		3/26/2019	10:27
0326F008.D	ZZZZZZ	ZZZZZZ	3/26/2019	10:32		3/26/2019	10:48
0326F011.D	Method Blank	KWG1901368-5	3/26/2019	11:37		3/26/2019	11:53
0326F013.D	WT-20190322-SF-005	K1902516-001	3/26/2019	12:20		3/26/2019	12:36
0326F014.D	WT-20190322-SF-006	K1902516-002	3/26/2019	12:43		3/26/2019	12:59
0326F015.D	WT-20190322-SF-007	K1902516-003	3/26/2019	13:05		3/26/2019	13:21
0326F016.D	WT-20190322-SF-008	K1902516-004	3/26/2019	13:27		3/26/2019	13:43
0326F017.D	ZZZZZZ	ZZZZZZ	3/26/2019	13:48		3/26/2019	14:04
0326F018.D	ZZZZZZ	ZZZZZZ	3/26/2019	14:10		3/26/2019	14:26
0326F019.D	ZZZZZZ	ZZZZZZ	3/26/2019	14:32		3/26/2019	14:48
0326F020.D	ZZZZZZ	ZZZZZZ	3/26/2019	14:55		3/26/2019	15:11
0326F025.D	ZZZZZZ	ZZZZZZ	3/26/2019	16:44		3/26/2019	17:00
0326F026.D	ZZZZZZ	ZZZZZZ	3/26/2019	17:07		3/26/2019	17:23
0326F027.D	ZZZZZZ	ZZZZZZ	3/26/2019	17:28		3/26/2019	17:44
0326F028.D	ZZZZZZ	ZZZZZZ	3/26/2019	17:49		3/26/2019	18:05
0326F029.D	ZZZZZZ	ZZZZZZ	3/26/2019	18:11		3/26/2019	18:27
0326F030.D	ZZZZZZ	ZZZZZZ	3/26/2019	18:33		3/26/2019	18:49
0326F031.D	ZZZZZZ	ZZZZZZ	3/26/2019	18:56		3/26/2019	19:12
0326F032.D	Continuing Calibration Verification	KWG1901369-3	3/26/2019	19:18		3/26/2019	19:34

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis

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QA/QC Results

Client:	Cardno, Inc.	**Service Request:**	K1902516
Project:	Deer Park Fire	**Date Extracted:**	03/26/2019
Sample Matrix:	Water		

Extraction Prep Log
Volatile Organic Compounds

Extraction Method:	EPA 5030B	**Extraction Lot:**	KWG1901368
Analysis Method:	8260C	**Level:**	Low

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Volume	% Solids	Note
WT-20190322-SF-005	K1902516-001	03/22/19	03/23/19	10ml	10ml	NA	
WT-20190322-SF-006	K1902516-002	03/22/19	03/23/19	10ml	10ml	NA	
WT-20190322-SF-007	K1902516-003	03/22/19	03/23/19	10ml	10ml	NA	
WT-20190322-SF-008	K1902516-004	03/22/19	03/23/19	10ml	10ml	NA	
Method Blank	KWG1901368-5	NA	NA	10ml	10ml	NA	
Lab Control Sample	KWG1901368-3	NA	NA	10ml	10ml	NA	
Duplicate Lab Control Sample	KWG1901368-4	NA	NA	10ml	10ml	NA	

Results flagged with an asterisk (*) indicate the holding time was exceeded for the analysis