

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009437.D
 Acq On : 25 Mar 2019 19:51
 Operator : SY/VA
 Sample : K2044-03
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T3

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:40 PM

Quant Time: Mar 26 09:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97470	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
7) Chloroethane-d5	2.89	69	109969	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.01	63	158988	16.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.08	46	106817m	57.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.90%
24) Chloroform-d	7.65	84	253819	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.31	65	162823m	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.28%
29) Benzene-d6	8.27	84	448655	26.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.12%
33) 1,2-Dichloropropane-d6	9.27	67	149439	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.48%
37) Toluene-d8	10.32	98	358847	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.58	79	60082	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.44%
39) 2-Hexanone-d5	10.93	63	76768	61.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124627	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	83803	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds					Ovalue
13) Acetone	4.14	43	12692	8.323 ug/L	98
16) Methylene chloride	4.92	84	21789m	3.971 ug/L	
47) Tetrachloroethene	10.87	164	2183	0.567 ug/L #	85

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

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