

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009662.D
 Acq On : 14 Mar 2019 13:41
 Operator : SY/MD
 Sample : K1838-17
 Misc : 5.36G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF179

Quant Time: Mar 15 12:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108276	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44738	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18790	13.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.28%
7) Chloroethane-d5	1.57	69	21985	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
10) 1,1-Dichloroethene-d2	2.13	63	41373	11.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.20%#
20) 2-Butanone-d5	3.93	46	21744	59.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.92%
24) Chloroform-d	4.40	84	49174	17.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.24%
26) 1,2-Dichloroethane-d4	5.08	65	34352	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	5.10	84	100500	18.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.40%
33) 1,2-Dichloropropane-d6	6.12	67	33270	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	7.36	98	91353	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.88%
38) trans-1,3-Dichloropropene-	7.66	79	13630	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	8.13	63	15115	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36318	24.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	36824	21.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.00%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2743	1.740 ug/L	89

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

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