

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009661.D
 Acq On : 14 Mar 2019 13:14
 Operator : SY/MD
 Sample : K1838-16
 Misc : 5.80G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF178

Quant Time: Mar 15 04:40:26 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	115377	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47856	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19556	13.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.04%
7) Chloroethane-d5	1.57	69	22810	12.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.12%
10) 1,1-Dichloroethene-d2	2.12	63	43192	10.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.32%#
20) 2-Butanone-d5	3.92	46	24575	63.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.18%
24) Chloroform-d	4.40	84	53942	18.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.36%
26) 1,2-Dichloroethane-d4	5.08	65	36576	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.92%
29) Benzene-d6	5.09	84	105599	18.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.72%
33) 1,2-Dichloropropane-d6	6.12	67	35990	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.80%
37) Toluene-d8	7.36	98	96079	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.36%
38) trans-1,3-Dichloropropene-	7.66	79	15065	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	8.13	63	18018	57.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42821	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	38554	20.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.20%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	3006	1.790 ug/L	81

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

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