

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010967.D
 Acq On : 20 May 2019 19:34
 Operator : SY/MD
 Sample : K2846-08
 Misc : 4.38G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHC3

Quant Time: May 21 05:01:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 04:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112838	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114503	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22248	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
7) Chloroethane-d5	1.57	69	17021	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
10) 1,1-Dichloroethene-d2	2.12	63	32952	13.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.28%
20) 2-Butanone-d5	3.94	46	22205	50.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.06%
24) Chloroform-d	4.40	84	57625	19.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.84%
26) 1,2-Dichloroethane-d4	5.08	65	36867	21.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.60%
29) Benzene-d6	5.10	84	124808	19.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.88%
33) 1,2-Dichloropropane-d6	6.11	67	44224	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.04%
37) Toluene-d8	7.36	98	108985	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.00%
38) trans-1,3-Dichloropropene-	7.66	79	14786	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.52%
39) 2-Hexanone-d5	8.13	63	17360	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41203	20.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	41148	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

					Ovalue
13) Acetone	2.19	43	5084	11.877	ug/L 100
14) Carbon disulfide	2.31	76	5722	1.716	ug/L 99
16) Methylene chloride	2.53	84	4289	2.215	ug/L 94

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

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