

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009651.D
 Acq On : 13 Mar 2019 22:16
 Operator : SY/MD
 Sample : K1794-14
 Misc : 3.89G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P1

Quant Time: Mar 14 21:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103548	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20032	15.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.52%
7) Chloroethane-d5	1.57	69	30512	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
10) 1,1-Dichloroethene-d2	2.13	63	51238	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	66767	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	5.08	65	42569	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.00%
29) Benzene-d6	5.10	84	123524	30.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.12%
33) 1,2-Dichloropropane-d6	6.12	67	45278	37.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.92%#
37) Toluene-d8	7.36	98	101229	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.67	79	1795	3.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	13.12%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31012	27.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	21418	26.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.20%

Target Compounds					Ovalue
13) Acetone	2.19	43	3170	7.582 ug/L	96
16) Methylene chloride	2.53	84	4508	2.991 ug/L	91

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

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