

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\
 Data File : VV009592.D
 Acq On : 11 Mar 2019 14:03
 Operator : SY/MD
 Sample : K1789-17
 Misc : 5.58G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q0

Quant Time: Mar 12 04:12:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:01:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130817	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26420	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
7) Chloroethane-d5	1.57	69	30574	13.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.72%
10) 1,1-Dichloroethene-d2	2.13	63	62688	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	3.93	46	20387	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	4.40	84	65083	20.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.52%
26) 1,2-Dichloroethane-d4	5.08	65	42663	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	5.10	84	143691	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	6.12	67	44581	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	7.36	98	137947	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	7.66	79	17334	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.44%
39) 2-Hexanone-d5	8.13	63	15258	34.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40458	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	46476	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	2752	1.603 ug/L	87
47) Tetrachloroethene	8.02	164	206868	143.425 ug/L	94

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

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