

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009536.D
 Acq On : 07 Mar 2019 18:19
 Operator : SY/MD
 Sample : K1789-05
 Misc : 6.08G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P1

Quant Time: Mar 08 04:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124080	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32093	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
7) Chloroethane-d5	1.57	69	36248	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
10) 1,1-Dichloroethene-d2	2.13	63	73861	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	3.94	46	29612	58.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.36%
24) Chloroform-d	4.40	84	78196	26.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	50884	30.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.04%
29) Benzene-d6	5.10	84	162197	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	6.12	67	52334	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	7.36	98	155518	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	7.66	79	22112	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.88%
39) 2-Hexanone-d5	8.13	63	23780	55.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54293	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	60331	29.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.54	84	2522	1.549	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	26298	15.721	ug/L	99
35) Trichloroethene	5.96	95	30970	16.682	ug/L	98
47) Tetrachloroethene	8.02	164	1569529	1114.633	ug/L	96

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

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