

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\
 Data File : VV009566.D
 Acq On : 10 Mar 2019 14:54
 Operator : SY/MD
 Sample : K1789-16
 Misc : 5.64G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P9

Quant Time: Mar 11 09:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 04:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27876	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	1.57	69	29389	12.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.04%
10) 1,1-Dichloroethene-d2	2.13	63	64414	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	3.94	46	26408	48.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.32%
24) Chloroform-d	4.40	84	61487	19.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	5.08	65	43872	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
29) Benzene-d6	5.10	84	144218	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	6.12	67	44681	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	7.36	98	139094	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	7.66	79	18413	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	19044	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46362	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	48467	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds					Ovalue
13) Acetone	2.19	43	5100	9.244 ug/L	98
16) Methylene chloride	2.54	84	1575	0.907 ug/L	92
47) Tetrachloroethene	8.02	164	4963	3.439 ug/L	98

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

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