

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009532.D
 Acq On : 07 Mar 2019 16:33
 Operator : SY/MD
 Sample : K1789-12
 Misc : 5.89G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2K6

Quant Time: Mar 08 10:38:52 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	5.66	114	163759	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155065	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67466	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35816	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
7) Chloroethane-d5	1.58	69	37967	13.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.28%
10) 1,1-Dichloroethene-d2	2.13	63	80454	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.93	46	22656	33.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.46%
24) Chloroform-d	4.40	84	79245	20.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.24%
26) 1,2-Dichloroethane-d4	5.08	65	50378	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	5.10	84	176485	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
33) 1,2-Dichloropropane-d6	6.12	67	55145	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.32%
37) Toluene-d8	7.36	98	174624	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.28%
38) trans-1,3-Dichloropropene-	7.66	79	22578	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	8.13	63	18865	35.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47754	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	59179	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	5020	2.336 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	3570	1.617 ug/L	88
47) Tetrachloroethene	8.02	164	161340	92.378 ug/L	95

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

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