

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009897.D
 Acq On : 26 Mar 2019 16:51
 Operator : SY/MD
 Sample : K2083-11
 Misc : 5.73G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0H8

Quant Time: Mar 27 02:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:42:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165643	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87654	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
7) Chloroethane-d5	1.58	69	96341	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.16%
10) 1,1-Dichloroethene-d2	2.13	63	188048	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	3.92	46	27059	43.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.40%
24) Chloroform-d	4.40	84	97914	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	66982	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	5.10	84	240935	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	6.12	67	73743	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.08%#
37) Toluene-d8	7.36	98	213251	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.88%
38) trans-1,3-Dichloropropene-	7.66	79	23400	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.24%
39) 2-Hexanone-d5	8.13	63	20108	45.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54145	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	64312	27.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.54	84	3205	1.175	ug/L	79
25) Chloroform	4.42	83	17986	4.098	ug/L	98
35) Trichloroethene	5.96	95	39241	17.506	ug/L	96
47) Tetrachloroethene	8.02	164	2135	1.207	ug/L	93

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

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