

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009913.D
 Acq On : 26 Mar 2019 23:49
 Operator : SY/MD
 Sample : K2101-06
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K4

Quant Time: Mar 27 03:07:56 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	143786	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64536	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	1.57	69	75613	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
10) 1,1-Dichloroethene-d2	2.13	63	144504	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	29642	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	4.40	84	67089	18.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.24%
26) 1,2-Dichloroethane-d4	5.08	65	56988	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	5.10	84	190684	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	6.12	67	60086	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	7.36	98	171322	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	19080	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	8.13	63	20750	50.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52419	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	57351	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.54	84	3629	1.533	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	5669	2.725	ug/L	80
25) Chloroform	4.43	83	27795	7.296	ug/L	96
35) Trichloroethene	5.96	95	4904	2.350	ug/L	90

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

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