

Data File : VV011044.D  
 Acq On : 24 May 2019 01:20  
 Operator : SY/MD  
 Sample : K3016-09  
 Misc : 5.11G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A51C8

Quant Time: May 24 09:12:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 24 09:03:49 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	96245	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18944	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	1.57	69	16513	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
10) 1,1-Dichloroethene-d2	2.12	63	28209	13.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	3.93	46	30699	81.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.16%#
24) Chloroform-d	4.40	84	61874	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.08	65	38330	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.36%
29) Benzene-d6	5.09	84	115812	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	6.11	67	43568	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	7.36	98	96819	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	7.66	79	15019	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	8.13	63	25128	84.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.44%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46312	29.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	26114	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.19	43	17215	47.151	ug/L	95
15) Methyl Acetate	2.46	43	4491	6.402	ug/L	94

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

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