

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011378.D
 Acq On : 19 Jul 2019 15:22
 Operator : SY/VA
 Sample : K3863-13
 Misc : 3.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F3

Quant Time: Jul 20 01:40:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 00:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237159	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57765	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.44%
7) Chloroethane-d5	2.89	69	51090	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.84%
10) 1,1-Dichloroethene-d2	4.02	63	113958	11.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.92%
20) 2-Butanone-d5	7.07	46	75166	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
24) Chloroform-d	7.65	84	156072	19.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	8.31	65	95727	19.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.12%
29) Benzene-d6	8.27	84	300654	20.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.32%
33) 1,2-Dichloropropane-d6	9.27	67	107506	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.40%
37) Toluene-d8	10.32	98	243777	18.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.88%
38) trans-1,3-Dichloropropene-	10.58	79	36708	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.92	63	49518	45.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	78564	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	60002	18.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.60%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	108580	62.818	ug/L 100
14) Carbon disulfide	4.39	76	93811	8.482	ug/L 100
19) 1,1-Dichloroethane	6.21	63	62539	7.885	ug/L 98
21) 2-Butanone	7.17	43	14555	6.523	ug/L 81
22) cis-1,2-Dichloroethene	7.17	96	12970	3.067	ug/L 98
31) 1,1,1-Trichloroethane	7.87	97	76796	15.602	ug/L 99
35) Trichloroethene	9.09	95	3941	1.054	ug/L 97

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

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