

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011238.D
 Acq On : 12 Jul 2019 14:25
 Operator : SY/VA
 Sample : K3760-15MS
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z4

Quant Time: Jul 13 06:44:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 05:32:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	275793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	82334	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.88	69	66123	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	197312	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.48%
20) 2-Butanone-d5	7.07	46	60667	36.57	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.14%
24) Chloroform-d	7.65	84	187799	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.30	65	115126	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	372570	32.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.52%
33) 1,2-Dichloropropane-d6	9.27	67	128289	33.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.92%#
37) Toluene-d8	10.32	98	283015	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.56%
38) trans-1,3-Dichloropropene-	10.58	79	29966	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	10.92	63	28131	32.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70463	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	46101	22.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.24%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.03	96	84902	23.426	ug/L 91
13) Acetone	4.12	43	60253	37.186	ug/L 100
15) Methyl Acetate	4.67	43	6213	2.356	ug/L # 74
21) 2-Butanone	7.18	43	4987	2.384	ug/L 91
34) Benzene	8.32	78	387072	32.910	ug/L 100
35) Trichloroethene	9.09	95	85574	28.832	ug/L 99
44) Toluene	10.38	91	345783	28.403	ug/L 100
52) Chlorobenzene	11.66	112	168966	22.718	ug/L 99

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

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