

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011287.D
 Acq On : 16 Jul 2019 15:45
 Operator : SY/VA
 Sample : K3798-04
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G8

Quant Time: Jul 17 08:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	298096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115187	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	70025	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
7) Chloroethane-d5	2.89	69	57037	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	131931	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.07	46	131253	73.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.40%#
24) Chloroform-d	7.65	84	188885	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.30	65	131207	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.32%
29) Benzene-d6	8.27	84	371070	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.27	67	133315	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	314905	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	10.58	79	51135	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	89698	73.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138839	31.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.32%#
61) 1,2-Dichlorobenzene-d4	13.86	152	108583	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	54223	30.961	ug/L 100
14) Carbon disulfide	4.38	76	30769	2.746	ug/L 99
15) Methyl Acetate	4.67	43	20573	7.219	ug/L 100
21) 2-Butanone	7.17	43	9644	4.266	ug/L 95
22) cis-1,2-Dichloroethene	7.16	96	3282	0.766	ug/L 81

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

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