

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011266.D
 Acq On : 15 Jul 2019 17:30
 Operator : SY/VA
 Sample : K3798-03
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G6

Quant Time: Jul 16 06:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337706	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	74147	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
7) Chloroethane-d5	2.88	69	59718	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.04%
10) 1,1-Dichloroethene-d2	4.01	63	138952	12.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.88%
20) 2-Butanone-d5	7.07	46	132007	64.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.98%
24) Chloroform-d	7.65	84	195432	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.31	65	135298	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
29) Benzene-d6	8.27	84	384348	21.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.24%
33) 1,2-Dichloropropane-d6	9.27	67	139048	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	322700	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.24%
38) trans-1,3-Dichloropropene-	10.58	79	54393	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.16%
39) 2-Hexanone-d5	10.93	63	89932	67.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133461	27.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	93956	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	21085	3.582	ug/L 92
13) Acetone	4.12	43	75324	37.965	ug/L 99
14) Carbon disulfide	4.38	76	40593	3.198	ug/L 99
15) Methyl Acetate	4.67	43	15026	4.654	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	194824	40.134	ug/L 99
35) Trichloroethene	9.09	95	60515	13.261	ug/L 99

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

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