

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011294.D
 Acq On : 16 Jul 2019 18:53
 Operator : SY/VA
 Sample : K3798-17MS
 Misc : 6.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G4MS

Quant Time: Jul 17 09:04:59 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	336273	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299419	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129341	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	74167	14.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.76%
7) Chloroethane-d5	2.89	69	61829	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
10) 1,1-Dichloroethene-d2	4.02	63	207850	19.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.44%
20) 2-Butanone-d5	7.07	46	105836	52.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.66%
24) Chloroform-d	7.65	84	201858	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.30	65	132236	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.20%
29) Benzene-d6	8.27	84	398002	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	9.27	67	141331	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	10.32	98	336943	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	10.58	79	53194	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.93	63	74004	53.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127513	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	114556	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	16073	2.743	ug/L	87
12) 1,1-Dichloroethene	4.04	96	108033	24.447	ug/L	81
13) Acetone	4.12	43	39087	19.785	ug/L	99
14) Carbon disulfide	4.38	76	41540	3.286	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	396888	82.108	ug/L	98
34) Benzene	8.32	78	512091	27.365	ug/L	100
35) Trichloroethene	9.09	95	339437	71.879	ug/L	100
44) Toluene	10.39	91	520981	26.897	ug/L	100
52) Chlorobenzene	11.66	112	310397	26.231	ug/L	99

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

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