

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017169.D
 Acq On : 11 Nov 2020 17:22
 Operator : SY/VA
 Sample : L4693-21
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E7

Quant Time: Nov 12 06:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	465002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193162	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128442	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	108430	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.08%
10) 1,1-Dichloroethene-d2	4.02	63	177300	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	7.09	46	39035	29.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.60%
24) Chloroform-d	7.65	84	254003	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	119500	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.56%
29) Benzene-d6	8.28	84	512185	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	9.28	67	135938	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
37) Toluene-d8	10.33	98	486045	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.64%
38) trans-1,3-Dichloropropene-	10.58	79	52349	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.88%
39) 2-Hexanone-d5	10.93	63	33070	31.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93879	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	160955	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
13) Acetone	4.15	43	5064	5.774	ug/L 77
14) Carbon disulfide	4.38	76	9894	0.630	ug/L 100
16) Methylene chloride	4.92	84	5340	0.852	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	14111	2.002	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	2798	0.443	ug/L 81
34) Benzene	8.33	78	16335	0.735	ug/L 100
35) Trichloroethene	9.10	95	98872	15.875	ug/L 98
43) 4-Methyl-2-pentanone	10.22	43	3211	1.001	ug/L # 88
47) Tetrachloroethene	10.87	164	806063	143.451	ug/L 91

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

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