

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017139.D
 Acq On : 10 Nov 2020 14:50
 Operator : SY/VA
 Sample : L4659-11
 Misc : 4.78G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B0

Quant Time: Nov 11 06:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	425142	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151877	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125543	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.89	69	101736	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.02	63	165154	17.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.96%
20) 2-Butanone-d5	7.08	46	44833	37.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.88%
24) Chloroform-d	7.65	84	235131	23.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	8.31	65	118130	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	8.28	84	477158	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.27	67	131331	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.33	98	440111	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	50679	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	36474	39.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98751	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	131391	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

					Ovalue
13) Acetone	4.15	43	6946	8.663 ug/L	99
14) Carbon disulfide	4.39	76	11748	0.818 ug/L	98
16) Methylene chloride	4.92	84	5554	0.969 ug/L	83
17) Methyl tert-butyl Ether	5.43	73	10222	1.586 ug/L #	80
34) Benzene	8.33	78	7122	0.360 ug/L	100
35) Trichloroethene	9.10	95	6489	1.170 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	3999	1.400 ug/L	97
47) Tetrachloroethene	10.87	164	167226	33.412 ug/L	97

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

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