

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017138.D
 Acq On : 10 Nov 2020 14:24
 Operator : SY/VA
 Sample : L4659-17
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B6

Quant Time: Nov 11 06:11:57 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	476296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134388	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
7) Chloroethane-d5	2.89	69	113036	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.03	63	181592	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	7.09	46	43762	32.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.24%
24) Chloroform-d	7.65	84	260092	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	8.31	65	128011	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.28	84	530165	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	144240	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	10.33	98	497421	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	44064	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.76%
39) 2-Hexanone-d5	10.93	63	34884	32.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102398	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	169335	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

					Ovalue
13) Acetone	4.15	43	7230	8.049 ug/L	100
14) Carbon disulfide	4.39	76	10583	0.658 ug/L	98
16) Methylene chloride	4.93	84	7290	1.135 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	3571	1.084 ug/L #	89

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

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