

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017134.D
 Acq On : 10 Nov 2020 12:50
 Operator : SY/VA
 Sample : L4659-15
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B4

Quant Time: Nov 11 06:02:23 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	525280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145971	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	2.89	69	119062	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
10) 1,1-Dichloroethene-d2	4.02	63	196933	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.09	46	41956	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
24) Chloroform-d	7.65	84	273066	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	127214	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.48%
29) Benzene-d6	8.28	84	547919	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	9.28	67	151330	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	525906	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.59	79	56864	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.93	63	33048	28.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99013	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	177291	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
13) Acetone	4.15	43	4666	4.710	ug/L 96
14) Carbon disulfide	4.39	76	10918	0.615	ug/L 98
16) Methylene chloride	4.93	84	7428	1.049	ug/L 88
17) Methyl tert-butyl Ether	5.43	73	61727	7.754	ug/L 98
43) 4-Methyl-2-pentanone	10.22	43	3166	0.882	ug/L 98

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

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