

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017148.D
 Acq On : 10 Nov 2020 18:21
 Operator : SY/VA
 Sample : L4693-03
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D3

Quant Time: Nov 11 06:46:54 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	481547	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132802	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.89	69	110029	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.02	63	181003	16.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.72%
20) 2-Butanone-d5	7.08	46	38803	28.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.22%
24) Chloroform-d	7.65	84	249228	22.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	8.31	65	116889	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.64%
29) Benzene-d6	8.27	84	509027	23.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.52%
33) 1,2-Dichloropropane-d6	9.28	67	136593	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.32	98	480970	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.72%
38) trans-1,3-Dichloropropene-	10.58	79	51462	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.93	63	31384	29.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94994	17.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	163717	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds

					Ovalue
13) Acetone	4.14	43	6849	7.541 ug/L	98
16) Methylene chloride	4.92	84	16454	2.534 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	5473	1.673 ug/L	93
47) Tetrachloroethene	10.87	164	2645	0.461 ug/L	91

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

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