

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017190.D
 Acq On : 12 Nov 2020 17:19
 Operator : SY/VA
 Sample : L4727-02
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB7

Quant Time: Nov 13 05:31:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	435400	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119267	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
7) Chloroethane-d5	2.89	69	102958	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
10) 1,1-Dichloroethene-d2	4.02	63	165304	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.08	46	57022	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
24) Chloroform-d	7.65	84	256111	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.31	65	135213	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.04%
29) Benzene-d6	8.27	84	483141	28.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.44%
33) 1,2-Dichloropropane-d6	9.27	67	135806	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.32%
37) Toluene-d8	10.33	98	418778	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.20%
38) trans-1,3-Dichloropropene-	10.58	79	57255	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.76%
39) 2-Hexanone-d5	10.93	63	47646	58.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102855	25.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	94738	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	3371	4.105	ug/L	58
16) Methylene chloride	4.93	84	20106	3.425	ug/L	96
43) 4-Methyl-2-pentanone	10.22	43	3568	1.421	ug/L	98
44) Toluene	10.39	91	4919	0.257	ug/L	98
54) m,p-Xylene	11.84	106	2712	0.324	ug/L	98
55) o-xylene	12.17	106	2436	0.306	ug/L	87
57) Isopropylbenzene	12.46	105	10321	0.478	ug/L	96

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

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