

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017106.D
 Acq On : 06 Nov 2020 17:24
 Operator : SY/VA
 Sample : L4659-07
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A9

Quant Time: Nov 07 06:02:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489931	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141050	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	2.90	69	110342	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.03	63	188924	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.09	46	42992	31.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.30%
24) Chloroform-d	7.65	84	248966	21.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	8.31	65	122699	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.32%
29) Benzene-d6	8.28	84	521932	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	9.28	67	139857	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.33	98	481974	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.59	79	51170	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.60%
39) 2-Hexanone-d5	10.93	63	34696	34.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95379	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	131736	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	8190	1.252	ug/L #	48
12) 1,1-Dichloroethene	4.04	96	12898	2.121	ug/L #	1
13) Acetone	4.14	43	6301	6.819	ug/L	72
14) Carbon disulfide	4.40	76	10686	0.646	ug/L	97
16) Methylene chloride	4.92	84	23942	3.625	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	6804	0.916	ug/L #	92
22) cis-1,2-Dichloroethene	7.17	96	6385	0.959	ug/L	95
34) Benzene	8.33	78	596246	28.042	ug/L	100
35) Trichloroethene	9.10	95	303576	50.968	ug/L	99
47) Tetrachloroethene	10.87	164	5770498	1073.805	ug/L	89

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

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