

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018519.D
 Acq On : 31 Mar 2021 17:58
 Operator : SY/VA
 Sample : M1859-12
 Misc : 5.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG551

Quant Time: Apr 01 02:07:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	386174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	122581	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134610	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.20%			
7) Chloroethane-d5	2.891	69	103216	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.76%			
10) 1,1-Dichloroethene-d2	4.025	63	136676	14.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.92%			
20) 2-Butanone-d5	7.080	46	63155	52.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.58%			
24) Chloroform-d	7.653	84	195394	19.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.48%			
26) 1,2-Dichloroethane-d4	8.311	65	125640	21.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.52%			
29) Benzene-d6	8.275	84	390303	23.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.64%			
33) 1,2-Dichloropropane-d6	9.274	67	115034	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.64%			
37) Toluene-d8	10.323	98	355690	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.68%			
38) trans-1,3-Dichloroprop...	10.579	79	46849	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.76%			
39) 2-Hexanone-d5	10.927	63	49863	52.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.82%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	106609	24.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	85646	19.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.60%			
Target Compounds					Qvalue	
13) Acetone	4.135	43	9389	10.92	ug/L	99
14) Carbon disulfide	4.397	76	4478	0.31	ug/L	96
16) Methylene chloride	4.922	84	15618	2.47	ug/L	92
17) Methyl tert-butyl Ether	5.428	73	662548	93.55	ug/L	99
34) Benzene	8.330	78	86963	4.74	ug/L	100
44) Toluene	10.384	91	5608	0.27	ug/L	86

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

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