

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018428.D
 Acq On : 23 Mar 2021 15:53
 Operator : SY/VA
 Sample : M1781-07
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4M5

Quant Time: Mar 24 01:26:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	472798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381670	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	139087	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124307	18.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.56%		
7) Chloroethane-d5	2.897	69	113327	19.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.72%		
10) 1,1-Dichloroethene-d2	4.019	63	158990	14.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.00%		
20) 2-Butanone-d5	7.080	46	50757	34.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.30%		
24) Chloroform-d	7.653	84	211880	17.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.36%		
26) 1,2-Dichloroethane-d4	8.305	65	123659	17.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.36%		
29) Benzene-d6	8.275	84	404492	19.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.76%		
33) 1,2-Dichloropropane-d6	9.274	67	115463	19.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.92%		
37) Toluene-d8	10.323	98	347826	17.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.20%		
38) trans-1,3-Dichloroprop...	10.579	79	47982	15.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.60%		
39) 2-Hexanone-d5	10.927	63	41596	36.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.64%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	89143	17.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	51592	10.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	41.72%#		
Target Compounds					Qvalue	
13) Acetone	4.141	43	12508	11.89	ug/L	89
16) Methylene chloride	4.921	84	11502	1.48	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	3074	0.45	ug/L #	73
34) Benzene	8.323	78	41583	1.88	ug/L	100
35) Trichloroethene	9.091	95	6412	1.05	ug/L	98
47) Tetrachloroethene	10.866	164	16224	3.50	ug/L	91

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

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