

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018391.D
 Acq On : 19 Mar 2021 16:05
 Operator : SY/VA
 Sample : M1685-18
 Misc : 5.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G6

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:14:08 PM

Quant Time: Mar 20 01:42:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	502881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	447982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	177470	25.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.44%			
7) Chloroethane-d5	2.891	69	158642	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.60%			
10) 1,1-Dichloroethene-d2	4.019	63	212359	17.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.32%			
20) 2-Butanone-d5	7.073	46	74076	47.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.10%			
24) Chloroform-d	7.646	84	295572	23.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.32%			
26) 1,2-Dichloroethane-d4	8.305	65	178652	23.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
29) Benzene-d6	8.274	84	576000	24.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.76%			
33) 1,2-Dichloropropane-d6	9.274	67	170134	24.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.08%			
37) Toluene-d8	10.323	98	534510	23.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.24%			
38) trans-1,3-Dichloroprop...	10.579	79	77832	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.88%			
39) 2-Hexanone-d5	10.920	63	63317	47.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.20%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	143554	23.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	172019	22.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.12%			
Target Compounds						Qvalue
13) Acetone	4.129	43	6521m	5.83	ug/L	
14) Carbon disulfide	4.385	76	4389	0.23	ug/L	98
16) Methylene chloride	4.921	84	23518	2.85	ug/L	86
22) cis-1,2-Dichloroethene	7.165	96	16030	2.19	ug/L	96
47) Tetrachloroethene	10.865	164	3188	0.59	ug/L	91

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

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