

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018397.D
 Acq On : 19 Mar 2021 18:28
 Operator : SY/VA
 Sample : M1698-10
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K8

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:14:13 PM

Quant Time: Mar 20 01:44:16 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	8.842	114	511627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	451571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203244	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176309	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.04%			
7) Chloroethane-d5	2.892	69	163579	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.00%			
10) 1,1-Dichloroethene-d2	4.019	63	214338	17.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.76%			
20) 2-Butanone-d5	7.074	46	87528	55.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.44%			
24) Chloroform-d	7.647	84	299010	22.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	8.305	65	189953m	24.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%			
29) Benzene-d6	8.275	84	585207	24.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.52%			
33) 1,2-Dichloropropane-d6	9.275	67	173507	25.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.24%			
37) Toluene-d8	10.323	98	539434	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.36%			
38) trans-1,3-Dichloroprop...	10.579	79	79411	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.96%			
39) 2-Hexanone-d5	10.921	63	70893	52.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.62%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	159731	25.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.16%			
61) 1,2-Dichlorobenzene-d4	13.853	152	167634	23.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.80%			
Target Compounds					Qvalue	
13) Acetone	4.123	43	10711	9.41	ug/L	92
14) Carbon disulfide	4.385	76	18199	0.94	ug/L	99
16) Methylene chloride	4.910	84	23417	2.79	ug/L	88
35) Trichloroethene	9.092	95	78052	10.80	ug/L	99
47) Tetrachloroethene	10.860	164	2045685	372.88	ug/L	91

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

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