

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018529.D
 Acq On : 01 Apr 2021 12:07
 Operator : SY/VA
 Sample : M1881-02
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQF8

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:04:44 PM

Quant Time: Apr 02 03:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	477893	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	415721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	178999	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	149936	22.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.20%			
7) Chloroethane-d5	2.892	69	118195	20.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.20%			
10) 1,1-Dichloroethene-d2	4.019	63	163470	14.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.96%			
20) 2-Butanone-d5	7.074	46	74188	50.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.22%			
24) Chloroform-d	7.647	84	226547	18.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.44%			
26) 1,2-Dichloroethane-d4	8.305	65	145073	20.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.68%			
29) Benzene-d6	8.275	84	458519	20.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.00%			
33) 1,2-Dichloropropane-d6	9.275	67	131055	20.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.24%			
37) Toluene-d8	10.323	98	431888	20.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.20%			
38) trans-1,3-Dichloroprop...	10.573	79	57050	17.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.40%			
39) 2-Hexanone-d5	10.927	63	58520	46.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.82%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	124909	21.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.60%			
61) 1,2-Dichlorobenzene-d4	13.853	152	122407	19.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.92%			
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	10634m	1.36	ug/L	
44) Toluene	10.390	91	6883	0.25	ug/L	97

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

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