

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018533.D
 Acq On : 01 Apr 2021 13:55
 Operator : SY/VA
 Sample : M1881-05MS
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0MS

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:05:06 PM

Quant Time: Apr 02 03:31:02 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	365140	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	313657	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123420	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122146	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.16%		
7) Chloroethane-d5	2.891	69	92684	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.36%		
10) 1,1-Dichloroethene-d2	4.025	63	192926	21.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.96%		
20) 2-Butanone-d5	7.074	46	96152	85.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	170.00%#		
24) Chloroform-d	7.647	84	172038	18.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.00%		
26) 1,2-Dichloroethane-d4	8.305	65	115142	21.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.84%		
29) Benzene-d6	8.275	84	344257	20.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.60%		
33) 1,2-Dichloropropane-d6	9.274	67	98592	20.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.00%		
37) Toluene-d8	10.323	98	323281	20.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.56%		
38) trans-1,3-Dichloroprop...	10.579	79	42457	17.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.48%		
39) 2-Hexanone-d5	10.927	63	69034	73.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	146.68%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	108165	25.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	84115	19.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.68%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	114472	24.97	ug/L	94
13) Acetone	4.135	43	2718	3.34	ug/L	88
16) Methylene chloride	4.928	84	11951m	2.00	ug/L	
34) Benzene	8.323	78	518449	28.54	ug/L	100
35) Trichloroethene	9.091	95	142419	28.38	ug/L	99
44) Toluene	10.390	91	567512	27.48	ug/L	95
52) Chlorobenzene	11.658	112	342566	26.16	ug/L	97

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

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