

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018579.D
 Acq On : 07 Apr 2021 14:30
 Operator : SY/VA
 Sample : M1881-09
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG6

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:27:15 AM

Quant Time: Apr 08 05:36:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	372786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	301315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	96565	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108667	20.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.80%		
7) Chloroethane-d5	2.897	69	86420	19.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.12%		
10) 1,1-Dichloroethene-d2	4.025	63	124197	13.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.48%		
20) 2-Butanone-d5	7.074	46	53631	46.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.88%		
24) Chloroform-d	7.647	84	186965	19.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.76%		
26) 1,2-Dichloroethane-d4	8.305	65	125781	22.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.76%		
29) Benzene-d6	8.275	84	359201	22.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.68%		
33) 1,2-Dichloropropane-d6	9.274	67	107827	23.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.36%		
37) Toluene-d8	10.323	98	319344	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.84%		
38) trans-1,3-Dichloroprop...	10.579	79	44091	18.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.00%		
39) 2-Hexanone-d5	10.927	63	46291	51.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.38%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	104723	25.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.36%		
61) 1,2-Dichlorobenzene-d4	13.853	152	63087	18.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.52%#		
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	7047m	1.15	ug/L	
35) Trichloroethene	9.091	95	2982	0.62	ug/L #	82
44) Toluene	10.384	91	5736	0.29	ug/L	85

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

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