

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018439.D
 Acq On : 24 Mar 2021 11:45
 Operator : SY/VA
 Sample : M1781-09RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5RE

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 9:31:25 AM

Quant Time: Mar 25 01:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	220211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	66156	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103483	26.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.52%		
7) Chloroethane-d5	2.891	69	95740	27.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	110.44%		
10) 1,1-Dichloroethene-d2	4.025	63	118080	17.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.08%		
20) 2-Butanone-d5	7.080	46	62708	71.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	142.22%#		
24) Chloroform-d	7.647	84	174206	24.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.12%		
26) 1,2-Dichloroethane-d4	8.305	65	114059	26.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.80%		
29) Benzene-d6	8.275	84	332291	28.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.52%		
33) 1,2-Dichloropropane-d6	9.274	67	99501	29.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.88%		
37) Toluene-d8	10.323	98	274244	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.32%		
38) trans-1,3-Dichloroprop...	10.579	79	39005	22.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.60%		
39) 2-Hexanone-d5	10.927	63	50483	76.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	152.78%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	93143	30.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.32%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	53899	22.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.68%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	8997	1.66	ug/L	# 80
13) Acetone	4.123	43	11909	18.80	ug/L	100
14) Carbon disulfide	4.391	76	9400m	0.87	ug/L	
16) Methylene chloride	4.928	84	7673m	1.64	ug/L	

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

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