

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018606.D
 Acq On : 08 Apr 2021 16:43
 Operator : SY/VA
 Sample : M1968-05
 Misc : 4.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A9

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 7:55:42 PM

Quant Time: Apr 09 03:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	451139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	369249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	122580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	114011	18.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.64%		
7) Chloroethane-d5	2.891	69	96406	17.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.16%		
10) 1,1-Dichloroethene-d2	4.019	63	135223	12.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.88%		
20) 2-Butanone-d5	7.080	46	57835	41.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.76%		
24) Chloroform-d	7.647	84	202128	17.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.36%		
26) 1,2-Dichloroethane-d4	8.305	65	123215	18.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.48%		
29) Benzene-d6	8.275	84	387327	19.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.92%		
33) 1,2-Dichloropropane-d6	9.274	67	115278	20.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.44%		
37) Toluene-d8	10.323	98	358867	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.96%		
38) trans-1,3-Dichloroprop...	10.579	79	43841	15.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.04%		
39) 2-Hexanone-d5	10.927	63	45622	41.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.34%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	101827	20.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	75498	17.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.28%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	11033	1.29	ug/L	# 74
13) Acetone	4.129	43	15407	15.34	ug/L	68
14) Carbon disulfide	4.385	76	54433	3.19	ug/L	100
16) Methylene chloride	4.915	84	22047	2.98	ug/L	99
21) 2-Butanone	7.196	43	4812m	3.02	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	1397	0.21	ug/L	82
35) Trichloroethene	9.098	95	1231	0.21	ug/L	86
44) Toluene	10.390	91	10499	0.43	ug/L	94

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

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