

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018586.D
 Acq On : 07 Apr 2021 17:18
 Operator : SY/VA
 Sample : M1968-03
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A7

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:27:55 AM

Quant Time: Apr 08 05:38:15 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	438213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	106200	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111089	18.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.88%		
7) Chloroethane-d5	2.891	69	88649	16.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.44%		
10) 1,1-Dichloroethene-d2	4.025	63	123869	11.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.04%		
20) 2-Butanone-d5	7.080	46	63085	46.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.94%		
24) Chloroform-d	7.653	84	189832	17.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.04%		
26) 1,2-Dichloroethane-d4	8.305	65	121762	18.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.76%		
29) Benzene-d6	8.274	84	373557	20.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.72%		
33) 1,2-Dichloropropane-d6	9.274	67	108354	20.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.16%		
37) Toluene-d8	10.323	98	330865	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.16%		
38) trans-1,3-Dichloroprop...	10.579	79	39828	14.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.56%		
39) 2-Hexanone-d5	10.926	63	46307	44.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.72%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	96806	20.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	64368	17.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.20%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	31214	3.75	ug/L	97
13) Acetone	4.135	43	13246	13.58	ug/L	91
14) Carbon disulfide	4.385	76	5521m	0.33	ug/L	
16) Methylene chloride	4.921	84	10795m	1.50	ug/L	
44) Toluene	10.384	91	6141	0.27	ug/L	87

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

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