

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018642.D
 Acq On : 13 Apr 2021 15:24
 Operator : SY/VA
 Sample : M1968-12
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 12:48:33 PM

Quant Time: Apr 14 01:27:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421482	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203180	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105837	18.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.16%		
7) Chloroethane-d5	2.892	69	94529	18.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.64%		
10) 1,1-Dichloroethene-d2	4.019	63	126224m	12.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.84%		
20) 2-Butanone-d5	7.086	46	66849	51.19	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.38%		
24) Chloroform-d	7.647	84	238555	22.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.88%		
26) 1,2-Dichloroethane-d4	8.305	65	149917	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.68%		
29) Benzene-d6	8.275	84	442125	20.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.36%		
33) 1,2-Dichloropropane-d6	9.275	67	137007	21.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.40%		
37) Toluene-d8	10.323	98	409035	19.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.16%		
38) trans-1,3-Dichloroprop...	10.579	79	58488	18.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.36%		
39) 2-Hexanone-d5	10.927	63	52261	42.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.18%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	132758	23.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	154894	21.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.76%		
Target Compounds						Qvalue
13) Acetone	4.160	43	2440	2.60	ug/L	70
16) Methylene chloride	4.922	84	5889	0.85	ug/L	93
43) 4-Methyl-2-pentanone	10.213	43	3909	1.12	ug/L #	95
44) Toluene	10.390	91	8795	0.33	ug/L	98

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

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