

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018567.D
 Acq On : 06 Apr 2021 15:30
 Operator : SY/VA
 Sample : M1896-20
 Misc : 5.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A6

Manual Integrations
 APPROVED

MMDadoda
 4/7/2021 5:17:31 PM

Quant Time: Apr 07 01:15:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426143	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	359329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	135003	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144267	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.32%		
7) Chloroethane-d5	2.892	69	115702	22.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.16%		
10) 1,1-Dichloroethene-d2	4.026	63	157996	15.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.72%		
20) 2-Butanone-d5	7.080	46	84769	64.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.42%		
24) Chloroform-d	7.647	84	244950	22.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.28%		
26) 1,2-Dichloroethane-d4	8.305	65	161470	25.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.92%		
29) Benzene-d6	8.275	84	474243	24.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.32%		
33) 1,2-Dichloropropane-d6	9.275	67	143073	25.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.84%		
37) Toluene-d8	10.323	98	445399	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.88%		
38) trans-1,3-Dichloroprop...	10.579	79	59171	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.28%		
39) 2-Hexanone-d5	10.927	63	67305	62.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.84%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	140365	28.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	107332	22.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.44%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	10735	11.32	ug/L	94
16) Methylene chloride	4.928	84	6415m	0.92	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	68295	10.99	ug/L	94
34) Benzene	8.317	78	6440	0.31	ug/L	100
44) Toluene	10.384	91	6932	0.29	ug/L	77
47) Tetrachloroethene	10.866	164	1235	0.28	ug/L #	72

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

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