

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018564.D
 Acq On : 06 Apr 2021 14:18
 Operator : SY/VA
 Sample : M1896-19
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A5

Manual Integrations
 APPROVED

MMDadoda
 4/7/2021 5:17:28 PM

Quant Time: Apr 07 01:14:34 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	356157	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	272034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	79557	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123611	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.76%		
7) Chloroethane-d5	2.891	69	96253	22.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.76%		
10) 1,1-Dichloroethene-d2	4.019	63	130838	15.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.16%		
20) 2-Butanone-d5	7.080	46	82720	74.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.94%#		
24) Chloroform-d	7.653	84	202524	22.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.32%		
26) 1,2-Dichloroethane-d4	8.305	65	134072m	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.28%		
29) Benzene-d6	8.275	84	383376	26.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.04%		
33) 1,2-Dichloropropane-d6	9.274	67	114537	27.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.84%		
37) Toluene-d8	10.323	98	334459	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.08%		
38) trans-1,3-Dichloroprop...	10.579	79	43846	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.52%		
39) 2-Hexanone-d5	10.927	63	61198	74.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.92%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	115409	30.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.72%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	60798	21.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.00%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	17824	22.49	ug/L	99
16) Methylene chloride	4.915	84	6242m	1.07	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	82772	15.94	ug/L	95
34) Benzene	8.329	78	14664	0.93	ug/L	100
35) Trichloroethene	9.092	95	2704	0.62	ug/L	95
44) Toluene	10.390	91	5357	0.30	ug/L	79
47) Tetrachloroethene	10.859	164	10847	3.28	ug/L	92

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

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