

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018385.D
 Acq On : 19 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1685-08
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:14:00 PM

Quant Time: Mar 20 01:39:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	60538	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140749	29.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	116.80%		
7) Chloroethane-d5	2.891	69	124136	29.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	117.68%		
10) 1,1-Dichloroethene-d2	4.019	63	161085	19.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.44%		
20) 2-Butanone-d5	7.074	46	89302	83.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	166.44%#		
24) Chloroform-d	7.647	84	221787	25.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.56%		
26) 1,2-Dichloroethane-d4	8.305	65	142872	27.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.96%		
29) Benzene-d6	8.275	84	433078	33.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	133.76%		
33) 1,2-Dichloropropane-d6	9.274	67	125931	33.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	134.84%#		
37) Toluene-d8	10.323	98	363049	29.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	116.48%		
38) trans-1,3-Dichloroprop...	10.579	79	47186	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.96%		
39) 2-Hexanone-d5	10.927	63	71660	98.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	196.06%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	116710	34.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	139.72%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	55327	25.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.84%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6110	0.93	ug/L #	55
13) Acetone	4.123	43	16168	20.97	ug/L	98
14) Carbon disulfide	4.385	76	20884	1.59	ug/L	97
16) Methylene chloride	4.915	84	14183m	2.50	ug/L	
21) 2-Butanone	7.177	43	5749m	4.69	ug/L	

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

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