

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018393.D
 Acq On : 19 Mar 2021 16:52
 Operator : SY/VA
 Sample : M1685-22
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H0

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:14:10 PM

Quant Time: Mar 20 01:42:50 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	312638	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	243369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	74509	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166242	38.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 152.84%#			
7) Chloroethane-d5	2.892	69	137273	36.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.20%			
10) 1,1-Dichloroethene-d2	4.025	63	189541	25.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.92%			
20) 2-Butanone-d5	7.080	46	71437m	73.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.50%#			
24) Chloroform-d	7.647	84	240317	30.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.72%			
26) 1,2-Dichloroethane-d4	8.305	65	148235	31.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.56%			
29) Benzene-d6	8.275	84	471753	36.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.84%#			
33) 1,2-Dichloropropane-d6	9.275	67	138772	37.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.72%#			
37) Toluene-d8	10.323	98	411011	32.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 131.96%#			
38) trans-1,3-Dichloroprop...	10.579	79	56808	29.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.08%			
39) 2-Hexanone-d5	10.927	63	55666	76.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.44%#			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	109622	32.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.36%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	81808	30.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.52%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	1286381	216.43	ug/L	98
12) 1,1-Dichloroethene	4.050	96	24498m	6.24	ug/L	
13) Acetone	4.123	43	53682	77.15	ug/L	93
14) Carbon disulfide	4.379	76	22297m	1.89	ug/L	
16) Methylene chloride	4.922	84	20335	3.97	ug/L	90
18) trans-1,2-Dichloroethene	5.428	96	113460	26.19	ug/L	98
22) cis-1,2-Dichloroethene	7.171	96	18024809	3955.37	ug/L	95
35) Trichloroethene	9.098	95	1933	0.50	ug/L	97
47) Tetrachloroethene	10.860	164	4158	1.41	ug/L	91
49) 2-Hexanone	10.969	43	6080	4.14	ug/L #	87

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

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