

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018523.D
 Acq On : 31 Mar 2021 19:34
 Operator : SY/VA
 Sample : M1859-16
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG578

Quant Time: Apr 01 02:08:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	483001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	197465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	153440	22.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.32%		
7) Chloroethane-d5	2.891	69	121397	20.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.52%		
10) 1,1-Dichloroethene-d2	4.025	63	165969	14.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.20%		
20) 2-Butanone-d5	7.080	46	52209	34.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.78%		
24) Chloroform-d	7.647	84	227179	18.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.88%		
26) 1,2-Dichloroethane-d4	8.305	65	136824	19.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.20%		
29) Benzene-d6	8.281	84	458318	20.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.68%		
33) 1,2-Dichloropropane-d6	9.274	67	129123	19.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.80%		
37) Toluene-d8	10.323	98	433082	19.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.16%		
38) trans-1,3-Dichloroprop...	10.579	79	52538	15.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.16%		
39) 2-Hexanone-d5	10.926	63	41345	32.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.46%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	102130	17.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	123690	17.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	70.48%#		
Target Compounds					Qvalue	
13) Acetone	4.141	43	8640	8.04	ug/L	74
14) Carbon disulfide	4.391	76	29604	1.62	ug/L	96
16) Methylene chloride	4.928	84	24783	3.13	ug/L	88
17) Methyl tert-butyl Ether	5.434	73	18908	2.13	ug/L #	86
44) Toluene	10.390	91	7141	0.25	ug/L	98

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

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