

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018390.D
 Acq On : 19 Mar 2021 15:41
 Operator : SY/VA
 Sample : M1685-13
 Misc : 6.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G5

Quant Time: Mar 20 01:41:45 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	503087	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	448940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187530	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	178751	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
7) Chloroethane-d5	2.891	69	163643	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
10) 1,1-Dichloroethene-d2	4.019	63	218758	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	7.074	46	84978	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	7.647	84	302312	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.305	65	185888	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.40%
29) Benzene-d6	8.275	84	592820	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	9.274	67	171699	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.323	98	537404	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.56%
38) trans-1,3-Dichloroprop...	10.579	79	75584	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.927	63	70982	52.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.38%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	150314	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	160356	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	13840	12.36	ug/L	79
14) Carbon disulfide	4.385	76	24844	1.31	ug/L	98
16) Methylene chloride	4.909	84	20533	2.49	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	208724	28.46	ug/L	99
34) Benzene	8.323	78	15413	0.59	ug/L	100
35) Trichloroethene	9.091	95	1550	0.22	ug/L	93
47) Tetrachloroethene	10.866	164	6477	1.19	ug/L	76

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

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