

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018517.D
 Acq On : 31 Mar 2021 17:11
 Operator : SY/VA
 Sample : M1859-10
 Misc : 6.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG549

Quant Time: Apr 01 02:06:55 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	8.842	114	422592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	380946	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	164088	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	148432	25.24	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	100.96%	
7) Chloroethane-d5	2.891	69	117166	22.76	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	91.04%	
10) 1,1-Dichloroethene-d2	4.019	63	157326	15.49	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	61.96%	
20) 2-Butanone-d5	7.080	46	80274	61.31	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	122.62%	
24) Chloroform-d	7.647	84	229361	21.31	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	85.24%	
26) 1,2-Dichloroethane-d4	8.305	65	153271	24.39	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	97.56%	
29) Benzene-d6	8.275	84	453926	22.41	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	89.64%	
33) 1,2-Dichloropropane-d6	9.274	67	132457	22.67	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	90.68%	
37) Toluene-d8	10.323	98	427960	21.95	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	87.80%	
38) trans-1,3-Dichloroprop...	10.579	79	59589	19.78	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	79.12%	
39) 2-Hexanone-d5	10.927	63	65160	57.00	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	114.00%	
48) 1,1,2,2-Tetrachloroeth...	12.695	84	137000	26.22	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	104.88%	
61) 1,2-Dichlorobenzene-d4	13.853	152	128007	21.94	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	87.76%	
Target Compounds						
13) Acetone	4.123	43	14744	15.68	ug/L	89
16) Methylene chloride	4.922	84	14213	2.05	ug/L	90
17) Methyl tert-butyl Ether	5.434	73	16382	2.11	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	1959	0.32	ug/L	88
27) 1,2-Dichloroethane	8.403	62	4496	0.60	ug/L	100
34) Benzene	8.329	78	7890	0.36	ug/L	100
44) Toluene	10.390	91	7069	0.28	ug/L	88

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

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