

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017927.D
 Acq On : 18 Jan 2021 14:45
 Operator : SY/VA
 Sample : M1099-16RE
 Misc : 6.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 19 07:20:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	123238	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136468	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.68%		
7) Chloroethane-d5	2.891	69	110805	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.16%		
10) 1,1-Dichloroethene-d2	4.019	63	180265	16.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.76%		
20) 2-Butanone-d5	7.074	46	65504	45.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.98%		
24) Chloroform-d	7.647	84	237456	23.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.76%		
26) 1,2-Dichloroethane-d4	8.305	65	143224	24.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.92%		
29) Benzene-d6	8.275	84	459145	25.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.12%		
33) 1,2-Dichloropropane-d6	9.274	67	138012	26.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.84%		
37) Toluene-d8	10.323	98	421256	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.76%		
38) trans-1,3-Dichloroprop...	10.579	79	56674	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.96%		
39) 2-Hexanone-d5	10.926	63	48231	52.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.12%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109533	24.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	102652	23.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.76%		
Target Compounds						Qvalue
13) Acetone	4.123	43	43139	43.00	ug/L	93
14) Carbon disulfide	4.391	76	21701	1.42	ug/L	95
16) Methylene chloride	4.915	84	7339m	1.35	ug/L	
21) 2-Butanone	7.177	43	11653	7.48	ug/L	82
34) Benzene	8.323	78	8327	0.45	ug/L	100
44) Toluene	10.390	91	8587	0.42	ug/L	93
52) Chlorobenzene	11.658	112	309686	23.39	ug/L	96
54) m,p-Xylene	11.835	106	6872	0.77	ug/L	89
55) o-xylene	12.164	106	2846	0.34	ug/L	94
57) Isopropylbenzene	12.463	105	70889	3.07	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	24088	3.12	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	82330	10.62	ug/L	99

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

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