

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017933.D
 Acq On : 18 Jan 2021 17:06
 Operator : SY/VA
 Sample : M1099-20RE
 Misc : 7.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 19 06:58:24 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	8.842	114	374556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296003	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	106461	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	174958	29.76	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.04%		
7) Chloroethane-d5	2.879	69	132406	27.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.12%		
10) 1,1-Dichloroethene-d2	4.007	63	192534	18.13	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.52%		
20) 2-Butanone-d5	7.110	46	66042	46.45	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.90%		
24) Chloroform-d	7.647	84	250575	24.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.08%		
26) 1,2-Dichloroethane-d4	8.305	65	153070m	26.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.92%		
29) Benzene-d6	8.275	84	485128	28.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.56%		
33) 1,2-Dichloropropane-d6	9.274	67	145632	30.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.84%#		
37) Toluene-d8	10.323	98	420957	26.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.88%		
38) trans-1,3-Dichloroprop...	10.579	79	51113	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.84%		
39) 2-Hexanone-d5	10.927	63	57430	66.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.90%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	117013	27.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	95886	25.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.56%		
Target Compounds						Qvalue
13) Acetone	4.196	43	89076m	88.96	ug/L	
14) Carbon disulfide	4.373	76	34447	2.26	ug/L	97
16) Methylene chloride	4.922	84	7741m	1.43	ug/L	
21) 2-Butanone	7.208	43	33077m	21.26	ug/L	
34) Benzene	8.323	78	10254	0.59	ug/L	100
36) Methylcyclohexane	9.335	83	8694	1.04	ug/L #	33
44) Toluene	10.390	91	16002	0.83	ug/L	98
52) Chlorobenzene	11.658	112	464448	37.25	ug/L	97
53) Ethylbenzene	11.731	91	11070	0.51	ug/L	93
54) m,p-Xylene	11.835	106	8455	1.00	ug/L	92
55) o-xylene	12.164	106	3374	0.43	ug/L	99
57) Isopropylbenzene	12.463	105	154237	7.08	ug/L	96
63) 1,3-Dichlorobenzene	13.499	146	80999	12.15	ug/L #	90
64) 1,4-Dichlorobenzene	13.579	146	172056	25.68	ug/L	92

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

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