

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031621\
 Data File : VW020618.D
 Acq On : 16 Mar 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Mar 17 01:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 03:42:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	478626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	474476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	246643	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158427	41.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.08%		
7) Chloroethane-d5	1.571	69	132389	42.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.72%		
11) 1,1-Dichloroethene-d2	2.111	63	317216	43.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.44%		
21) 2-Butanone-d5	3.886	46	240720	97.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.15%		
24) Chloroform-d	4.349	84	304189	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.66%		
26) 1,2-Dichloroethane-d4	5.034	65	201567	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.04%		
32) Benzene-d6	5.053	84	591954	45.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.30%		
36) 1,2-Dichloropropane-d6	6.072	67	192918	46.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.00%		
41) Toluene-d8	7.317	98	531554	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.24%		
43) trans-1,3-Dichloroprop...	7.622	79	91689	46.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.54%		
47) 2-Hexanone-d5	8.091	63	157587	100.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.42%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	255409	48.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.46%		
64) 1,2-Dichlorobenzene-d4	11.631	152	208719	43.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.34%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	176466	44.66	ug/L	99
3) Chloromethane	1.243	50	211730	46.32	ug/L	100
5) Vinyl chloride	1.314	62	211817	46.22	ug/L	98
6) Bromomethane	1.526	94	125429	46.46	ug/L	98
8) Chloroethane	1.587	64	126820	45.60	ug/L	98
9) Trichlorofluoromethane	1.754	101	283901	46.48	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	155017	46.55	ug/L	99
12) 1,1-Dichloroethene	2.121	96	146872	45.46	ug/L	85
13) Acetone	2.182	43	178382	88.14	ug/L	97
14) Carbon disulfide	2.297	76	449929	45.92	ug/L	100
15) Methyl Acetate	2.436	43	197694	51.00	ug/L	96
16) Methylene chloride	2.510	84	171421	45.79	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	159584	46.23	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	495807	47.23	ug/L	99
19) 1,1-Dichloroethane	3.191	63	311195	47.25	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	170262	47.78	ug/L #	96
22) 2-Butanone	3.969	43	269792	96.37	ug/L	93
23) Bromochloromethane	4.249	128	84856	47.73	ug/L	93
25) Chloroform	4.378	83	324495	47.17	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	252741	46.51	ug/L	100
29) Cyclohexane	4.680	56	274335	47.21	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	266051	46.39	ug/L	100
31) Carbon tetrachloride	4.831	117	223036	47.87	ug/L	98
33) Benzene	5.101	78	683685	47.75	ug/L	100
34) Trichloroethene	5.915	95	189011	46.79	ug/L	99
35) Methylcyclohexane	6.133	83	270767	48.77	ug/L	99
37) 1,2-Dichloropropane	6.175	63	183885	49.19	ug/L	99
38) Bromodichloromethane	6.513	83	232579	47.25	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	258561	46.63	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	553915	98.53	ug/L	96
42) Toluene	7.390	91	731385	48.94	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	264773	48.58	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	170087	48.83	ug/L	98
46) Tetrachloroethene	7.976	164	125312	48.35	ug/L	97
48) 2-Hexanone	8.140	43	430886	98.13	ug/L	96
49) Dibromochloromethane	8.249	129	170983	47.15	ug/L	98
50) 1,2-Dibromoethane	8.355	107	174148	46.68	ug/L	99
51) Chlorobenzene	8.886	112	455464	47.11	ug/L	97
52) Ethylbenzene	9.014	91	818622	48.38	ug/L	99
53) m,p-Xylene	9.140	106	298394	48.29	ug/L	97
54) o-xylene	9.548	106	290705	48.60	ug/L	96
55) Styrene	9.564	104	524560	50.22	ug/L	95
56) Isopropylbenzene	9.937	105	785207	48.52	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	255612	49.41	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	224931	47.48	ug/L	100
61) Bromoform	9.734	173	112559	46.05	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	362198	46.24	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	373548	45.69	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	360845	46.28	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	56078	47.63	ug/L	97
67) 1,3,5-Trichlorobenzene	12.651	180	258118	46.27	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	222664	45.98	ug/L	98
69) Naphthalene	13.509	128	721469	45.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	225737	47.02	ug/L	99

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

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