

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020106.D
 Acq On : 21 Jan 2021 13:17
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Jan 21 13:36:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	431975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	430798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	241338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	689233	249.18	ug/L	0.00
7) Chloroethane-d5	1.570	69	573382	267.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	1362724	249.39	ug/L	0.00
21) 2-Butanone-d5	3.885	46	1000212	513.49	ug/L	0.00
24) Chloroform-d	4.351	84	1300720	214.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	879421	218.03	ug/L	0.00
32) Benzene-d6	5.055	84	2394943	202.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	811744	231.55	ug/L	0.00
41) Toluene-d8	7.319	98	2196133	199.43	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	419557	226.67	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	821884	590.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	1110081	233.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	936056	201.20	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	755860	211.83	ug/L	100
3) Chloromethane	1.242	50	772153	275.54	ug/L	100
5) Vinyl chloride	1.312	62	797539	264.81	ug/L	100
6) Bromomethane	1.525	94	489852	236.52	ug/L	96
8) Chloroethane	1.586	64	510384	285.76	ug/L	99
9) Trichlorofluoromethane	1.750	101	1129260	224.61	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	619061	235.17	ug/L	96
12) 1,1-Dichloroethene	2.116	96	615874	250.30	ug/L	93
13) Acetone	2.180	43	690335	419.32	ug/L	98
14) Carbon disulfide	2.293	76	1819661	228.06	ug/L	99
15) Methyl Acetate	2.431	43	743142	260.79	ug/L	99
16) Methylene chloride	2.508	84	658342	216.24	ug/L	98
17) trans-1,2-Dichloroethene	2.759	96	634007	216.76	ug/L	98
18) Methyl tert-butyl Ether	2.769	73	2100508	226.67	ug/L	99
19) 1,1-Dichloroethane	3.190	63	1202641	230.14	ug/L	100
20) cis-1,2-Dichloroethene	3.914	96	689871	220.60	ug/L	98
22) 2-Butanone	3.968	43	1066764	504.06	ug/L	100
23) Bromochloromethane	4.251	128	351107	201.58	ug/L	91
25) Chloroform	4.380	83	1256007	220.33	ug/L	98
27) 1,2-Dichloroethane	5.132	62	1057079	224.55	ug/L	100
29) Cyclohexane	4.682	56	1028981	218.63	ug/L	96
30) 1,1,1-Trichloroethane	4.611	97	1126266	201.34	ug/L	98
31) Carbon tetrachloride	4.833	117	960729	195.02	ug/L	100
33) Benzene	5.103	78	2574487	209.23	ug/L	100
34) Trichloroethene	5.917	95	751587	206.28	ug/L	97
35) Methylcyclohexane	6.135	83	1127878	219.64	ug/L	97
37) 1,2-Dichloropropane	6.177	63	732945	240.18	ug/L	99
38) Bromodichloromethane	6.511	83	1039671	232.71	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	1165539	232.21	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	2152029	504.25	ug/L	99
42) Toluene	7.392	91	2761140	207.78	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	1155202	238.83	ug/L	100

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45) 1,1,2-Trichloroethane	7.843	97	741773	237.49	ug/L	97
46) Tetrachloroethene	7.981	164	587023	214.78	ug/L	97
48) 2-Hexanone	8.145	43	1788430	546.94	ug/L	97
49) Dibromochloromethane	8.251	129	847526	236.33	ug/L	99
50) 1,2-Dibromoethane	8.357	107	804241	235.53	ug/L #	98
51) Chlorobenzene	8.888	112	1810817	205.03	ug/L	100
52) Ethylbenzene	9.016	91	3219182	216.46	ug/L	100
53) m,p-Xylene	9.145	106	1206511	212.71	ug/L	98
54) o-xylene	9.550	106	1266757	228.97	ug/L	97
55) Styrene	9.566	104	2326959	243.88	ug/L	97
56) Isopropylbenzene	9.936	105	3212849	216.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	1101462	236.49	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	913468	222.42	ug/L	100
61) Bromoform	9.736	173	580046	233.91	ug/L	100
62) 1,3-Dichlorobenzene	11.187	146	1488640	205.95	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	1512834	204.07	ug/L	99
65) 1,2-Dichlorobenzene	11.653	146	1512450	207.91	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	307856	279.18	ug/L	85
67) 1,3,5-Trichlorobenzene	12.653	180	1312014	225.63	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	1212361	240.02	ug/L	98
69) Naphthalene	13.511	128	3783654	278.62	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	1162673	241.70	ug/L	99

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

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