

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030065.D
 Acq On : 17 Feb 2023 14:37
 Operator : SY/MD
 Sample : VSTD20012
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200212

Quant Time: Feb 20 00:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	425727	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	408637	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	258091	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	655677	216.624	ug/L	0.00
7) Chloroethane-d5	1.529	69	407524	175.957	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	1215249	209.876	ug/L	0.00
21) 2-Butanone-d5	3.786	46	817467	438.134	ug/L	0.00
24) Chloroform-d	4.256	84	1185751	210.759	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	697926	209.868	ug/L	0.00
32) Benzene-d6	4.966	84	2309130	212.767	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	741291	214.806	ug/L	0.00
41) Toluene-d8	7.249	98	2188236	213.645	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	390960	227.964	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	723970	449.996	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	1107425	213.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	967646	210.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	949879	210.789	ug/L	100
3) Chloromethane	1.217	50	1150415	198.954	ug/L	100
5) Vinyl chloride	1.285	62	849641	211.000	ug/L	100
6) Bromomethane	1.484	94	110051	150.352	ug/L	100
8) Chloroethane	1.545	64	493368	209.993	ug/L	99
9) Trichlorofluoromethane	1.712	101	1118961	209.630	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	682464	208.903	ug/L	99
12) 1,1-Dichloroethene	2.072	96	609030	207.236	ug/L	98
13) Acetone	2.118	43	560176	386.385	ug/L	99
14) Carbon disulfide	2.243	76	1789886	205.966	ug/L	100
15) Methyl Acetate	2.375	43	607249	201.437	ug/L	99
16) Methylene chloride	2.449	84	632164	196.483	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	614562	204.568	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	1996195	208.797	ug/L	100
19) 1,1-Dichloroethane	3.117	63	1121213	202.492	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	685307	206.272	ug/L	99
22) 2-Butanone	3.870	43	828761	418.327	ug/L	97
23) Bromochloromethane	4.153	128	356651	201.342	ug/L	99
25) Chloroform	4.281	83	1148093	203.387	ug/L	99
27) 1,2-Dichloroethane	5.047	62	856078	203.056	ug/L	99
29) Cyclohexane	4.590	56	1008832	211.866	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	1040794	205.032	ug/L	100
31) Carbon tetrachloride	4.741	117	922700	207.052	ug/L	100
33) Benzene	5.018	78	2434405	201.921	ug/L	100
34) Trichloroethene	5.838	95	683131	208.181	ug/L	97
35) Methylcyclohexane	6.056	83	1140339	218.913	ug/L	98
37) 1,2-Dichloropropane	6.098	63	654665	206.189	ug/L	100
38) Bromodichloromethane	6.439	83	885602	207.664	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	1164150	218.116	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	1607944	407.358	ug/L	98
42) Toluene	7.323	91	2695685	204.333	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	1072501	220.950	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	663064	201.213	ug/L	99
46) Tetrachloroethene	7.911	164	574658	208.313	ug/L	99
48) 2-Hexanone	8.082	43	1242373	414.740	ug/L	99
49) Dibromochloromethane	8.185	129	731479	214.006	ug/L	98
50) 1,2-Dibromoethane	8.288	107	731863	202.439	ug/L	99
51) Chlorobenzene	8.821	112	1794327	204.085	ug/L	100
52) Ethylbenzene	8.953	91	3072046	210.312	ug/L	100
53) m,p-Xylene	9.082	106	1186887	212.673	ug/L	99
54) o-Xylene	9.487	106	1154719	214.699	ug/L	98
55) Styrene	9.503	104	1995873	217.230	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	1094927	203.257	ug/L	100
59) Bromoform	9.673	173	574044	224.601	ug/L	99
60) Isopropylbenzene	9.876	105	3157870	205.755	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	821554	192.392	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	2689133	211.553	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	2667382	213.502	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	1581013	204.412	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	1605874	202.915	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	1552942	201.662	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	250318	200.925	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	1262672	204.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.210	180	1214767	209.401	ug/L	100
71) Naphthalene	13.448	128	3507056	208.420	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	1168444	205.231	ug/L	100

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

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