

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030063.D
 Acq On : 17 Feb 2023 12:11
 Operator : SY/MD
 Sample : VSTD05010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050210

Quant Time: Feb 20 00:30:50 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	5.542	114	427261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	409234	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	248494	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	152351	50.153	ug/L	0.00
7) Chloroethane-d5	1.536	69	122226	52.584	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	278626	47.946	ug/L	0.00
21) 2-Butanone-d5	3.796	46	200143	106.885	ug/L	0.00
24) Chloroform-d	4.262	84	285120	50.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	168214	50.401	ug/L	0.00
32) Benzene-d6	4.970	84	551623	50.753	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	174251	50.420	ug/L	0.00
41) Toluene-d8	7.252	98	538807	52.529	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	89060	51.854	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	177938	110.439	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	263085	50.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	218118	49.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	225375	49.834	ug/L	100
3) Chloromethane	1.217	50	281332	48.479	ug/L	100
5) Vinyl chloride	1.285	62	203103	50.258	ug/L	100
6) Bromomethane	1.487	94	39276	53.466	ug/L	100
8) Chloroethane	1.552	64	119475	50.670	ug/L	100
9) Trichlorofluoromethane	1.716	101	266005	49.655	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	159854	48.756	ug/L	100
12) 1,1-Dichloroethene	2.076	96	146833	49.784	ug/L	100
13) Acetone	2.121	43	135832	93.355	ug/L	100
14) Carbon disulfide	2.246	76	428461	49.127	ug/L	100
15) Methyl Acetate	2.378	43	161493	53.378	ug/L	100
16) Methylene chloride	2.452	84	163145	50.525	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	151014	50.087	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	502369	52.358	ug/L	100
19) 1,1-Dichloroethane	3.121	63	288937	51.995	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	171385	51.400	ug/L	100
22) 2-Butanone	3.876	43	215733	108.503	ug/L	100
23) Bromochloromethane	4.156	128	91087	51.237	ug/L	100
25) Chloroform	4.288	83	293275	51.768	ug/L	100
27) 1,2-Dichloroethane	5.050	62	218494	51.639	ug/L	100
29) Cyclohexane	4.593	56	243110	50.981	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	264045	51.940	ug/L	100
31) Carbon tetrachloride	4.748	117	227965	51.080	ug/L	100
33) Benzene	5.021	78	622910	51.592	ug/L	100
34) Trichloroethene	5.841	95	169180	51.482	ug/L	100
35) Methylcyclohexane	6.060	83	262459	50.311	ug/L	100
37) 1,2-Dichloropropane	6.101	63	169043	53.163	ug/L	100
38) Bromodichloromethane	6.442	83	229211	53.669	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	283579	53.054	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	452431	114.452	ug/L	100
42) Toluene	7.323	91	700472	53.018	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	261269	53.747	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.777	97	175816	53.275	ug/L	100
46) Tetrachloroethene	7.915	164	144267	52.220	ug/L	100
48) 2-Hexanone	8.082	43	340555	113.521	ug/L	100
49) Dibromochloromethane	8.185	129	180805	52.820	ug/L	100
50) 1,2-Dibromoethane	8.291	107	194606	53.751	ug/L	100
51) Chlorobenzene	8.822	112	449329	51.032	ug/L	100
52) Ethylbenzene	8.957	91	748885	51.194	ug/L	100
53) m,p-Xylene	9.082	106	288204	51.567	ug/L	100
54) o-Xylene	9.487	106	279357	51.866	ug/L	100
55) Styrene	9.503	104	488005	53.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	281938	52.261	ug/L	100
59) Bromoform	9.674	173	128086	52.050	ug/L	100
60) Isopropylbenzene	9.876	105	762557	51.604	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	214976	52.287	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	645944	52.779	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	631971	52.538	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	377486	50.691	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	383803	50.370	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	378728	51.080	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	64399	53.688	ug/L	100
69) 1,3,5-Trichlorobenzene	12.593	180	299830	50.455	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	280318	50.187	ug/L	100
71) Naphthalene	13.448	128	861703	53.188	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	280462	51.164	ug/L	100

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

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