

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030088.D
 Acq On : 23 Feb 2023 11:51
 Operator : SY/MD
 Sample : VSTD02026
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020226

Quant Time: Feb 23 21:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	185577	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	171592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	101963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	269370	22.433	ug/L	0.00
7) Chloroethane-d5	1.536	69	253162	22.460	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	542073	21.958	ug/L	0.00
20) 2-Butanone-d5	3.806	46	504893	231.826	ug/L	-0.03
24) Chloroform-d	4.256	84	542857	22.131	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	225438	22.514	ug/L	0.00
32) Benzene-d6	4.966	84	1071353	23.204	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	318800	22.951	ug/L	0.00
41) Toluene-d8	7.249	98	1034248	23.631	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	117038	24.628	ug/L	0.00
46) 2-Hexanone-d5	8.031	63	499112	255.868	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	216658	21.925	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	389417	22.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	322161	21.337	ug/L	99
3) Chloromethane	1.217	50	448717	18.859	ug/L	99
5) Vinyl chloride	1.285	62	337127	21.320	ug/L	99
6) Bromomethane	1.491	94	54695	19.270	ug/L	98
8) Chloroethane	1.555	64	201808	20.947	ug/L	100
9) Trichlorofluoromethane	1.716	101	488746	21.543	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	300140	21.332	ug/L	100
12) 1,1-Dichloroethene	2.073	96	262164	21.050	ug/L	90
13) Acetone	2.140	43	320612	197.329	ug/L #	48
14) Carbon disulfide	2.246	76	703958	21.125	ug/L	99
15) Methyl Acetate	2.384	43	74289	19.376	ug/L	95
16) Methylene chloride	2.452	84	265440	17.446	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	528668	21.707	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	257221	21.711	ug/L	99
19) 1,1-Dichloroethane	3.118	63	462674	20.964	ug/L	98
21) 2-Butanone	3.886	43	473246	215.051	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	284329	21.713	ug/L	99
23) Bromochloromethane	4.156	128	121943	21.792	ug/L	98
25) Chloroform	4.285	83	480472	20.928	ug/L	98
27) 1,2-Dichloroethane	5.047	62	251939	20.980	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	440742	21.865	ug/L	100
30) Cyclohexane	4.593	56	402800	23.127	ug/L	100
31) Carbon tetrachloride	4.744	117	397270	21.927	ug/L	99
33) Benzene	5.018	78	1015250	21.664	ug/L	100
34) Trichloroethene	5.838	95	286768	21.838	ug/L	99
35) Methylcyclohexane	6.060	83	469976	23.648	ug/L	98
37) 1,2-Dichloropropane	6.098	63	254870	21.377	ug/L	100
38) Bromodichloromethane	6.439	83	331961	21.811	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	408045	23.380	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	1109878	225.600	ug/L	98
42) Toluene	7.323	91	1138908	22.438	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	320365	23.514	ug/L	100

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45) 1,1,2-Trichloroethane	7.777	97	180227	21.127	ug/L	98
47) Tetrachloroethene	7.912	164	247413	21.950	ug/L	98
48) 2-Hexanone	8.082	43	794819	229.367	ug/L	98
49) Dibromochloromethane	8.185	129	223098	22.349	ug/L	99
50) 1,2-Dibromoethane	8.288	107	171937	21.602	ug/L	96
51) Chlorobenzene	8.821	112	728261	21.275	ug/L	99
52) Ethylbenzene	8.953	91	1258068	22.775	ug/L	100
53) m,p-Xylene	9.079	106	489357	23.050	ug/L	99
54) o-Xylene	9.487	106	467943	23.076	ug/L	99
55) Styrene	9.503	104	801738	23.774	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	201559	21.122	ug/L	100
59) Bromoform	9.674	173	128338	21.000	ug/L	99
60) Isopropylbenzene	9.876	105	1317881	22.463	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	133737	19.597	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	1128526	23.417	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	1160138	23.533	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	647290	21.190	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	643135	20.867	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	575839	21.348	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	31363	20.578	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	551775	21.972	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	453545	22.294	ug/L	99
71) Naphthalene	13.448	128	627042	23.586	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	373473	22.301	ug/L	100

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

