

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062647.D
 Acq On : 02 Jan 2025 10:06
 Operator : MD/SY
 Sample : VSTD0.562
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5062

Quant Time: Jan 03 00:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100728	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	2913	0.442	ug/L	0.00
7) Chloroethane-d5	1.901	69	2299	0.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1572	0.495	ug/L	0.00
20) 2-Butanone-d5	4.647	46	5366m	4.192	ug/L	0.03
24) Chloroform-d	5.055	84	6926	0.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	3754	0.512	ug/L	0.00
32) Benzene-d6	5.721	84	10433	0.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	3027	0.403	ug/L	0.00
41) Toluene-d8	7.891	98	10286	0.411	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1417	0.419	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	4223	4.103	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	2709	0.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	3666	0.426	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	4870	0.512	ug/L	95
3) Chloromethane	1.515	50	3370	0.468	ug/L	99
5) Vinyl chloride	1.596	62	3442	0.453	ug/L	94
6) Bromomethane	1.846	94	2668	0.512	ug/L	100
8) Chloroethane	1.924	64	2297	0.532	ug/L	96
9) Trichlorofluoromethane	2.129	101	7472	0.549	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3458	0.473	ug/L	94
12) 1,1-Dichloroethene	2.573	96	2877	0.427	ug/L	88
13) Acetone	2.628	43	6080	7.007	ug/L	99
14) Carbon disulfide	2.782	76	10199	0.482	ug/L	98
15) Methyl Acetate	2.952	43	1013m	0.464	ug/L	
16) Methylene chloride	3.036	84	3725	0.529	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	8296	0.493	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	3373	0.485	ug/L	97
19) 1,1-Dichloroethane	3.856	63	5981	0.471	ug/L	93
21) 2-Butanone	4.718	43	5913m	4.749	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	3491	0.450	ug/L	86
23) Bromochloromethane	4.972	128	1600	0.467	ug/L	95
25) Chloroform	5.078	83	7596	0.529	ug/L	98
27) 1,2-Dichloroethane	5.788	62	4820	0.523	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	7165	0.542	ug/L	96
30) Cyclohexane	5.377	56	4220	0.404	ug/L	89
31) Carbon tetrachloride	5.512	117	6422	0.528	ug/L	99
33) Benzene	5.766	78	13156	0.460	ug/L	100
34) Trichloroethene	6.537	95	5637	0.680	ug/L	97
35) Methylcyclohexane	6.753	83	5737	0.476	ug/L	90
37) 1,2-Dichloropropane	6.782	63	3287	0.478	ug/L	# 85
38) Bromodichloromethane	7.094	83	4907	0.492	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	4783	0.426	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	14136	4.397	ug/L	97
42) Toluene	7.965	91	13741	0.444	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	4119	0.447	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	2459	0.470	ug/L	92
47) Tetrachloroethene	8.544	164	3176	0.502	ug/L	91
48) 2-Hexanone	8.682	43	10236m	4.346	ug/L	
49) Dibromochloromethane	8.801	129	3364	0.519	ug/L	95
50) 1,2-Dibromoethane	8.923	107	2167	0.428	ug/L #	71
51) Chlorobenzene	9.438	112	9388	0.473	ug/L	97
52) Ethylbenzene	9.563	91	15568	0.450	ug/L	97
53) m,p-Xylene	9.688	106	5799	0.453	ug/L	85
54) o-Xylene	10.094	106	5437	0.437	ug/L	97
55) Styrene	10.113	104	8972	0.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	2944	0.485	ug/L #	89
59) Bromoform	10.283	173	1963	0.526	ug/L #	88
60) Isopropylbenzene	10.476	105	15024	0.447	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	2170	0.507	ug/L	92
62) 1,3,5-Trimethylbenzene	11.081	105	12212	0.429	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	11837	0.424	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	7436	0.479	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	7482	0.481	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	7025	0.491	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	512	0.533	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	5163	0.445	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4005	0.436	ug/L	98
71) Naphthalene	14.097	128	5120m	0.372	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	3365	0.416	ug/L #	95

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

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