

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063740.D
 Acq On : 19 Nov 2025 10:37
 Operator : MD/SY
 Sample : VSTD00128
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001028

Quant Time: Nov 20 02:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 02:48:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	160555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	163949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	103510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	15818	1.558	ug/L	0.00
7) Chloroethane-d5	1.895	69	13360	1.416	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.544	65	7118	1.479	ug/L	0.00
20) 2-Butanone-d5	4.621	46	22742	9.052	ug/L	0.03
24) Chloroform-d	5.033	84	32303	1.389	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.676	65	17206	1.405	ug/L	0.00
32) Benzene-d6	5.702	84	62237	1.348	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.663	67	17752	1.226	ug/L	0.00
41) Toluene-d8	7.875	98	60411	1.433	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.158	79	5907	1.439	ug/L	0.00
46) 2-Hexanone-d5	8.618	63	16445	8.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.730	84	13160	1.165	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.168	152	20377	1.166	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	11948	0.938	ug/L	100
3) Chloromethane	1.506	50	9880	0.749	ug/L	96
5) Vinyl chloride	1.586	62	11760	0.811	ug/L	98
6) Bromomethane	1.840	94	7708	0.883	ug/L	100
8) Chloroethane	1.914	64	8910	0.963	ug/L	95
9) Trichlorofluoromethane	2.120	101	23414	1.139	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	13560	1.140	ug/L	98
12) 1,1-Dichloroethene	2.557	96	10487	0.987	ug/L	94
13) Acetone	2.612	43	23772	11.029	ug/L	98
14) Carbon disulfide	2.766	76	14649	0.589	ug/L	98
15) Methyl Acetate	2.940	43	4877	1.043	ug/L #	79
16) Methylene chloride	3.020	84	14680	1.168	ug/L	95
17) Methyl tert-butyl Ether	3.338	73	33781	1.215	ug/L	99
18) trans-1,2-Dichloroethene	3.329	96	11268	1.030	ug/L	96
19) 1,1-Dichloroethane	3.837	63	26780	1.167	ug/L	97
21) 2-Butanone	4.698	43	26953	8.586	ug/L	81
22) cis-1,2-Dichloroethene	4.641	96	15851	1.223	ug/L	96
23) Bromochloromethane	4.949	128	6227	1.109	ug/L	96
25) Chloroform	5.055	83	31244	1.289	ug/L	97
27) 1,2-Dichloroethane	5.772	62	17243	1.101	ug/L	98
29) 1,1,1-Trichloroethane	5.280	97	22015	1.094	ug/L	95
30) Cyclohexane	5.358	56	17520	0.819	ug/L	98
31) Carbon tetrachloride	5.496	117	16676	1.069	ug/L	98
33) Benzene	5.747	78	56717	1.082	ug/L	100
34) Trichloroethene	6.518	95	16401	1.127	ug/L	95
35) Methylcyclohexane	6.734	83	18506	0.875	ug/L	98
37) 1,2-Dichloropropane	6.763	63	15013	1.049	ug/L #	91
38) Bromodichloromethane	7.081	83	19558	1.210	ug/L	99
39) cis-1,3-Dichloropropene	7.583	75	18302	1.088	ug/L	93
40) 4-Methyl-2-pentanone	7.769	43	74931	9.242	ug/L	99
42) Toluene	7.946	91	60651	1.054	ug/L	99
44) trans-1,3-Dichloropropene	8.190	75	13755	1.095	ug/L	94

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45) 1,1,2-Trichloroethane	8.377	97	11797	1.157	ug/L	96
47) Tetrachloroethene	8.528	164	12017	1.081	ug/L	94
48) 2-Hexanone	8.666	43	48444	8.487	ug/L	99
49) Dibromochloromethane	8.782	129	10994	1.144	ug/L	100
50) 1,2-Dibromoethane	8.901	107	10176	1.139	ug/L	99
51) Chlorobenzene	9.422	112	46762	1.233	ug/L	96
52) Ethylbenzene	9.547	91	73219	1.133	ug/L	98
53) m,p-Xylene	9.672	106	27554	1.145	ug/L	95
54) o-Xylene	10.078	106	27375	1.168	ug/L	90
55) Styrene	10.094	104	43220	1.116	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.759	83	13773	1.135	ug/L	99
59) Bromoform	10.267	173	5629	0.965	ug/L #	96
60) Isopropylbenzene	10.460	105	78425	1.031	ug/L	99
61) 1,2,3-Trichloropropane	10.798	75	9447	0.922	ug/L	97
62) 1,3,5-Trimethylbenzene	11.065	105	62317	1.004	ug/L	100
63) 1,2,4-Trimethylbenzene	11.444	105	58692	0.987	ug/L	97
64) 1,3-Dichlorobenzene	11.724	146	36937	1.083	ug/L	99
65) 1,4-Dichlorobenzene	11.814	146	36842	1.067	ug/L	95
67) 1,2-Dichlorobenzene	12.190	146	32380	1.019	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.971	75	1760	1.097	ug/L	89
69) 1,3,5-Trichlorobenzene	13.193	180	25584	0.998	ug/L	98
70) 1,2,4-trichlorobenzene	13.817	180	19543	0.989	ug/L	97
71) Naphthalene	14.065	128	24991	0.862	ug/L	99
72) 1,2,3-Trichlorobenzene	14.306	180	16253	0.970	ug/L	99

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

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