

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063692.D
 Acq On : 10 Nov 2025 13:10
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 11 01:23:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	208983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	331384	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	313898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	172543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	148369	48.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.120%
35) Dibromofluoromethane	5.258	113	116538	50.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	7.872	98	414158	49.669	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	10.608	95	171058	49.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	56736	44.954	ug/l	100
3) Chloromethane	1.509	50	60647	49.158	ug/l	100
4) Vinyl Chloride	1.589	62	70536	45.439	ug/l	100
5) Bromomethane	1.830	94	46998	49.558	ug/l	100
6) Chloroethane	1.911	64	52552	44.765	ug/l	100
7) Trichlorofluoromethane	2.113	101	136687	46.019	ug/l	100
8) Diethyl Ether	2.354	74	58087	46.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.554	101	89277	47.306	ug/l	100
10) Methyl Iodide	2.695	142	105106	50.282	ug/l	100
11) Tert butyl alcohol	3.155	59	161595	224.351	ug/l	100
12) 1,1-Dichloroethene	2.554	96	74020	45.551	ug/l	100
13) Acrolein	2.464	56	12064	262.079	ug/l	100
14) Allyl chloride	2.895	41	141981	46.848	ug/l	100
15) Acrylonitrile	3.280	53	366921	248.740	ug/l	100
16) Acetone	2.602	43	418538	246.710	ug/l	100
17) Carbon Disulfide	2.766	76	98485	47.561	ug/l	100
18) Methyl Acetate	2.924	43	267153	49.307	ug/l	100
19) Methyl tert-butyl Ether	3.335	73	352185	48.033	ug/l	100
20) Methylene Chloride	3.014	84	98310	49.368	ug/l	100
21) trans-1,2-Dichloroethene	3.322	96	76326	45.750	ug/l	100
22) Diisopropyl ether	3.959	45	314648	47.139	ug/l	100
23) Vinyl Acetate	3.920	43	1091076	239.683	ug/l	100
24) 1,1-Dichloroethane	3.833	63	181636	47.182	ug/l	100
25) 2-Butanone	4.669	43	511567	240.668	ug/l	100
26) 2,2-Dichloropropane	4.628	77	158440	47.919	ug/l	100
27) cis-1,2-Dichloroethene	4.634	96	114674	47.047	ug/l	100
28) Bromochloromethane	4.936	49	82661	53.662	ug/l	100
29) Tetrahydrofuran	5.020	42	301269	243.576	ug/l	100
30) Chloroform	5.052	83	200218	47.472	ug/l	100
31) Cyclohexane	5.354	56	119314	48.539	ug/l	100
32) 1,1,1-Trichloroethane	5.280	97	167358	48.357	ug/l	100
36) 1,1-Dichloropropene	5.496	75	113430	48.016	ug/l	100
37) Ethyl Acetate	4.772	43	160204	47.699	ug/l	100
38) Carbon Tetrachloride	5.493	117	125480	49.146	ug/l	100
39) Methylcyclohexane	6.734	83	129641	48.336	ug/l	100
40) Benzene	5.743	78	371421	48.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	89615	51.548	ug/l	100
42) 1,2-Dichloroethane	5.763	62	150356	50.008	ug/l	100
43) Isopropyl Acetate	5.885	43	249521	50.893	ug/l	100
44) Trichloroethene	6.515	130	101387	47.405	ug/l	100
45) 1,2-Dichloropropane	6.763	63	104662	50.505	ug/l	100
46) Dibromomethane	6.891	93	79140	50.860	ug/l	100
47) Bromodichloromethane	7.078	83	158242	50.161	ug/l	100
48) Methyl methacrylate	6.933	41	121788	50.605	ug/l	100
49) 1,4-Dioxane	6.936	88	62689	983.212	ug/l	100
51) 4-Methyl-2-Pentanone	7.763	43	955491	254.672	ug/l	100
52) Toluene	7.943	92	246296	49.784	ug/l	100
53) t-1,3-Dichloropropene	8.184	75	130790	49.233	ug/l	100
54) cis-1,3-Dichloropropene	7.579	75	150711	50.617	ug/l	100
55) 1,1,2-Trichloroethane	8.373	97	114271	50.333	ug/l	100
56) Ethyl methacrylate	8.309	69	173663	51.841	ug/l	100
57) 1,3-Dichloropropane	8.550	76	184312	49.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.441	63	8751	217.248	ug/l	100
59) 2-Hexanone	8.656	43	720640	257.885	ug/l	100
60) Dibromochloromethane	8.782	129	119940	50.439	ug/l	100
61) 1,2-Dibromoethane	8.898	107	111711	51.064	ug/l	100
64) Tetrachloroethene	8.528	164	100662	49.706	ug/l	100
65) Chlorobenzene	9.422	112	298291	48.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.508	131	104373	50.031	ug/l	100
67) Ethyl Benzene	9.544	91	502495	49.186	ug/l	100
68) m/p-Xylenes	9.669	106	379150	100.546	ug/l	100
69) o-Xylene	10.074	106	193365	49.694	ug/l	100
70) Styrene	10.090	104	322878	51.659	ug/l	100
71) Bromoform	10.264	173	84881	50.527	ug/l #	100
73) Isopropylbenzene	10.460	105	520648	48.029	ug/l	100
74) N-amyl acetate	10.296	43	190951	50.558	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	197279	47.391	ug/l	100
76) 1,2,3-Trichloropropane	10.798	75	207613	48.789	ug/l #	100
77) Bromobenzene	10.759	156	128360	47.063	ug/l	100
78) n-propylbenzene	10.881	91	612182	49.229	ug/l	100
79) 2-Chlorotoluene	10.962	91	378135	47.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.065	105	447606	49.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.521	75	42110	51.593	ug/l	100
82) 4-Chlorotoluene	11.071	91	435066	47.632	ug/l	100
83) tert-Butylbenzene	11.393	119	456064	48.170	ug/l	100
84) 1,2,4-Trimethylbenzene	11.444	105	439882	49.315	ug/l	100
85) sec-Butylbenzene	11.618	105	586569	49.044	ug/l	100
86) p-Isopropyltoluene	11.769	119	484842	50.499	ug/l	100
87) 1,3-Dichlorobenzene	11.721	146	251600	49.101	ug/l	100
88) 1,4-Dichlorobenzene	11.811	146	253846	47.351	ug/l	100
89) n-Butylbenzene	12.184	91	429557	48.716	ug/l	100
90) Hexachloroethane	12.447	117	71970	49.136	ug/l	100
91) 1,2-Dichlorobenzene	12.187	146	250751	49.013	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.968	75	43882	51.445	ug/l	100
93) 1,2,4-Trichlorobenzene	13.814	180	161180	49.417	ug/l	100
94) Hexachlorobutadiene	13.994	225	79820	48.569	ug/l	100
95) Naphthalene	14.058	128	483363	54.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.303	180	154581	50.977	ug/l	100

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

