

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063693.D
 Acq On : 10 Nov 2025 13:49
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 11 01:24:04 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	200305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	328883	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	311789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	174495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	280786	94.893	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 189.780%#	
35) Dibromofluoromethane	5.255	113	224040	97.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 194.520%#	
50) Toluene-d8	7.872	98	781384	94.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 188.840%#	
62) 4-Bromofluorobenzene	10.608	95	335466	97.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 196.000%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.371	85	107763	89.084	ug/l	98
3) Chloromethane	1.506	50	114370	97.281	ug/l	98
4) Vinyl Chloride	1.589	62	135697	91.203	ug/l	99
5) Bromomethane	1.821	94	86598	99.233	ug/l	98
6) Chloroethane	1.904	64	99971	88.847	ug/l	99
7) Trichlorofluoromethane	2.110	101	258610	90.840	ug/l	98
8) Diethyl Ether	2.354	74	112612	93.042	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.551	101	167917	92.831	ug/l	99
10) Methyl Iodide	2.692	142	209772	101.490	ug/l	100
11) Tert butyl alcohol	3.158	59	308023	446.171	ug/l	100
12) 1,1-Dichloroethene	2.551	96	142282	91.353	ug/l	99
13) Acrolein	2.460	56	20429	480.315	ug/l	89
14) Allyl chloride	2.895	41	275549	94.860	ug/l	100
15) Acrylonitrile	3.280	53	709743	501.989	ug/l	99
16) Acetone	2.602	43	800650	497.061	ug/l	100
17) Carbon Disulfide	2.763	76	194872	98.307	ug/l	98
18) Methyl Acetate	2.920	43	513407	97.288	ug/l	99
19) Methyl tert-butyl Ether	3.335	73	675105	96.064	ug/l	100
20) Methylene Chloride	3.014	84	186804	98.421	ug/l	98
21) trans-1,2-Dichloroethene	3.319	96	149302	93.369	ug/l	95
22) Diisopropyl ether	3.959	45	585984	91.592	ug/l	93
23) Vinyl Acetate	3.917	43	2192682	502.548	ug/l	99
24) 1,1-Dichloroethane	3.830	63	345055	93.514	ug/l	99
25) 2-Butanone	4.666	43	1016861	499.110	ug/l	99
26) 2,2-Dichloropropane	4.628	77	304882	96.205	ug/l	99
27) cis-1,2-Dichloroethene	4.631	96	218060	93.339	ug/l	99
28) Bromochloromethane	4.936	49	164803	111.622	ug/l	99
29) Tetrahydrofuran	5.017	42	582064	490.988	ug/l	98
30) Chloroform	5.052	83	386470	95.603	ug/l	99
31) Cyclohexane	5.354	56	228010	98.584	ug/l	98
32) 1,1,1-Trichloroethane	5.280	97	320525	96.625	ug/l	99
36) 1,1-Dichloropropene	5.493	75	219303	93.539	ug/l	98
37) Ethyl Acetate	4.772	43	346153	103.847	ug/l	97
38) Carbon Tetrachloride	5.489	117	243561	96.119	ug/l	98
39) Methylcyclohexane	6.734	83	244402	91.817	ug/l	97
40) Benzene	5.743	78	704088	93.063	ug/l	100

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41) Methacrylonitrile	4.939	41	180033	104.346	ug/l	97
42) 1,2-Dichloroethane	5.759	62	289052	96.869	ug/l	99
43) Isopropyl Acetate	5.882	43	479949	98.635	ug/l	99
44) Trichloroethene	6.515	130	189889	89.460	ug/l	99
45) 1,2-Dichloropropane	6.759	63	195401	95.008	ug/l	99
46) Dibromomethane	6.888	93	149079	96.535	ug/l	98
47) Bromodichloromethane	7.078	83	308825	98.638	ug/l	99
48) Methyl methacrylate	6.933	41	239318	100.197	ug/l	99
49) 1,4-Dioxane	6.936	88	119532	1888.992	ug/l	99
51) 4-Methyl-2-Pentanone	7.763	43	1837599	493.510	ug/l	99
52) Toluene	7.943	92	466409	94.992	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	267800	101.574	ug/l	99
54) cis-1,3-Dichloropropene	7.579	75	298733	101.094	ug/l	99
55) 1,1,2-Trichloroethane	8.373	97	218182	96.833	ug/l	99
56) Ethyl methacrylate	8.309	69	349973	105.267	ug/l	98
57) 1,3-Dichloropropane	8.547	76	355913	96.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.441	63	22000	550.314	ug/l	96
59) 2-Hexanone	8.660	43	1430204	515.698	ug/l	100
60) Dibromochloromethane	8.782	129	244066	103.420	ug/l	98
61) 1,2-Dibromoethane	8.898	107	212788	98.007	ug/l	99
64) Tetrachloroethene	8.528	164	188958	93.937	ug/l	98
65) Chlorobenzene	9.422	112	567935	93.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.508	131	198652	95.868	ug/l	99
67) Ethyl Benzene	9.544	91	968233	95.416	ug/l	100
68) m/p-Xylenes	9.669	106	732384	195.533	ug/l	99
69) o-Xylene	10.074	106	372177	96.294	ug/l	99
70) Styrene	10.090	104	636101	102.461	ug/l	99
71) Bromoform	10.264	173	175425	105.132	ug/l #	99
73) Isopropylbenzene	10.460	105	1011727	92.286	ug/l	100
74) N-amyl acetate	10.299	43	399235	104.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	387000	91.926	ug/l	100
76) 1,2,3-Trichloropropane	10.798	75	402763	93.590	ug/l #	100
77) Bromobenzene	10.756	156	251342	91.124	ug/l	100
78) n-propylbenzene	10.881	91	1189551	94.589	ug/l	100
79) 2-Chlorotoluene	10.962	91	730415	89.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.065	105	876995	95.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	87658	106.197	ug/l	99
82) 4-Chlorotoluene	11.071	91	854688	92.526	ug/l	100
83) tert-Butylbenzene	11.396	119	889921	92.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.444	105	873832	96.868	ug/l	99
85) sec-Butylbenzene	11.618	105	1143641	94.552	ug/l	100
86) p-Isopropyltoluene	11.769	119	965777	99.465	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	490307	94.616	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	495135	91.326	ug/l	99
89) n-Butylbenzene	12.184	91	880178	98.705	ug/l	99
90) Hexachloroethane	12.450	117	149970	101.244	ug/l	100
91) 1,2-Dichlorobenzene	12.187	146	489593	94.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	91009	105.501	ug/l	98
93) 1,2,4-Trichlorobenzene	13.814	180	328798	99.680	ug/l	99
94) Hexachlorobutadiene	13.994	225	158181	95.174	ug/l	99
95) Naphthalene	14.058	128	971470	108.719	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	314029	102.400	ug/l	100

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

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