

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063463.D
 Acq On : 08 Jul 2025 13:48
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 09 03:24:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	151969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	272970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	245043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	132138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	99214	51.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.340%	
35) Dibromofluoromethane	5.277	113	81758	49.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	7.888	98	267642	49.900	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	10.624	95	114157	48.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61755	51.095	ug/l	100
3) Chloromethane	1.518	50	65683	51.913	ug/l	100
4) Vinyl Chloride	1.599	62	77916	47.733	ug/l	100
5) Bromomethane	1.840	94	55950	48.922	ug/l	100
6) Chloroethane	1.920	64	53211	57.148	ug/l	100
7) Trichlorofluoromethane	2.126	101	134747	51.169	ug/l	100
8) Diethyl Ether	2.371	74	56859	51.809	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.570	101	80112	51.434	ug/l	100
10) Methyl Iodide	2.708	142	90801	55.811	ug/l	100
11) Tert butyl alcohol	3.187	59	158649	244.038	ug/l	100
12) 1,1-Dichloroethene	2.570	96	71096	48.523	ug/l	100
13) Acrolein	2.480	56	21078	229.706	ug/l	100
14) Allyl chloride	2.907	41	164628	46.524	ug/l	100
15) Acrylonitrile	3.303	53	366565	263.240	ug/l	100
16) Acetone	2.618	43	374890	230.489	ug/l	100
17) Carbon Disulfide	2.779	76	140192	50.037	ug/l	100
18) Methyl Acetate	2.940	43	244929	57.505	ug/l	100
19) Methyl tert-butyl Ether	3.358	73	335259	53.615	ug/l	100
20) Methylene Chloride	3.030	84	100040	57.251	ug/l	100
21) trans-1,2-Dichloroethene	3.335	96	70701	52.241	ug/l	100
22) Diisopropyl ether	3.988	45	303468	51.642	ug/l	100
23) Vinyl Acetate	3.946	43	1188105	260.564	ug/l	100
24) 1,1-Dichloroethane	3.850	63	173041	51.885	ug/l	100
25) 2-Butanone	4.702	43	495567	271.410	ug/l	100
26) 2,2-Dichloropropane	4.647	77	147872	49.919	ug/l	100
27) cis-1,2-Dichloroethene	4.650	96	102187	49.699	ug/l	100
28) Bromochloromethane	4.959	49	79575	50.794	ug/l	100
29) Tetrahydrofuran	5.049	42	307669	254.298	ug/l	100
30) Chloroform	5.075	83	180769	51.339	ug/l	100
31) Cyclohexane	5.367	56	131997	49.166	ug/l	100
32) 1,1,1-Trichloroethane	5.300	97	153996	51.365	ug/l	100
36) 1,1-Dichloropropene	5.512	75	104586	46.779	ug/l	100
37) Ethyl Acetate	4.805	43	167532	45.347	ug/l	100
38) Carbon Tetrachloride	5.509	117	121212	49.205	ug/l	100
39) Methylcyclohexane	6.750	83	132149	48.918	ug/l	100
40) Benzene	5.759	78	361653	51.795	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	92653	55.903	ug/l	100
42) 1,2-Dichloroethane	5.782	62	135745	51.703	ug/l	100
43) Isopropyl Acetate	5.911	43	257420	53.524	ug/l	100
44) Trichloroethene	6.531	130	90191	48.268	ug/l	100
45) 1,2-Dichloropropane	6.782	63	101124	52.098	ug/l	100
46) Dibromomethane	6.907	93	71619	51.858	ug/l	100
47) Bromodichloromethane	7.094	83	146609	51.053	ug/l	100
48) Methyl methacrylate	6.956	41	123088	55.373	ug/l	100
49) 1,4-Dioxane	6.962	88	49038	1005.330	ug/l	100
51) 4-Methyl-2-Pentanone	7.782	43	984551	282.835	ug/l	100
52) Toluene	7.962	92	221739	48.552	ug/l	100
53) t-1,3-Dichloropropene	8.200	75	135116	53.768	ug/l	100
54) cis-1,3-Dichloropropene	7.599	75	151775	53.953	ug/l	100
55) 1,1,2-Trichloroethane	8.390	97	98397	50.732	ug/l	100
56) Ethyl methacrylate	8.329	69	166011	53.061	ug/l	100
57) 1,3-Dichloropropane	8.566	76	165195	51.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.460	63	8340	256.708	ug/l	100
59) 2-Hexanone	8.676	43	777586	295.335	ug/l	100
60) Dibromochloromethane	8.801	129	114859	52.864	ug/l	100
61) 1,2-Dibromoethane	8.914	107	96200	50.535	ug/l	100
64) Tetrachloroethene	8.544	164	90298	49.501	ug/l	100
65) Chlorobenzene	9.438	112	262696	51.528	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.525	131	96361	55.114	ug/l	100
67) Ethyl Benzene	9.563	91	448954	51.238	ug/l	100
68) m/p-Xylenes	9.685	106	340564	101.843	ug/l	100
69) o-Xylene	10.090	106	173403	51.003	ug/l	100
70) Styrene	10.107	104	290320	53.705	ug/l	100
71) Bromoform	10.280	173	83489	54.785	ug/l #	100
73) Isopropylbenzene	10.476	105	460683	51.238	ug/l	100
74) N-amyl acetate	10.312	43	257479	63.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	172367	52.082	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	177410	50.668	ug/l #	81
77) Bromobenzene	10.775	156	111935	50.789	ug/l	100
78) n-propylbenzene	10.898	91	541472	51.929	ug/l	100
79) 2-Chlorotoluene	10.978	91	344175	52.630	ug/l	100
80) 1,3,5-Trimethylbenzene	11.081	105	405022	51.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.537	75	34431	49.044	ug/l	100
82) 4-Chlorotoluene	11.087	91	384976	51.854	ug/l	100
83) tert-Butylbenzene	11.412	119	398644	52.859	ug/l	100
84) 1,2,4-Trimethylbenzene	11.460	105	407046	52.710	ug/l	100
85) sec-Butylbenzene	11.634	105	516743	51.925	ug/l	100
86) p-Isopropyltoluene	11.785	119	427509	52.952	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	214170	50.429	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	215061	49.723	ug/l	100
89) n-Butylbenzene	12.200	91	398865	53.379	ug/l	100
90) Hexachloroethane	12.467	117	70144	51.947	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	217424	52.501	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.987	75	43976	56.104	ug/l	100
93) 1,2,4-Trichlorobenzene	13.833	180	144425	54.455	ug/l	100
94) Hexachlorobutadiene	14.013	225	61503	54.249	ug/l	100
95) Naphthalene	14.077	128	501767	57.770	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	145510	55.828	ug/l	100

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

