

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038929.D
 Acq On : 08 Aug 2025 11:28
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 11 05:05:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	548175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	841488	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	801001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	483421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	370115	46.949	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.900%
35) Dibromofluoromethane	4.497	113	311706	48.827	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.660%
50) Toluene-d8	7.233	98	1116404	50.494	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	9.998	95	419773	52.718	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	105.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	186042	50.442	ug/l	100
3) Chloromethane	1.230	50	167443	47.582	ug/l	100
4) Vinyl Chloride	1.294	62	211763	48.973	ug/l	100
5) Bromomethane	1.487	94	156677	46.223	ug/l	100
6) Chloroethane	1.555	64	151816	48.813	ug/l	100
7) Trichlorofluoromethane	1.722	101	416901	48.685	ug/l	100
8) Diethyl Ether	1.915	74	153532	48.081	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	253687	46.376	ug/l	100
10) Methyl Iodide	2.195	142	300085	48.547	ug/l	100
11) Tert butyl alcohol	2.568	59	316495	237.378	ug/l	100
12) 1,1-Dichloroethene	2.079	96	213979	47.199	ug/l	100
13) Acrolein	2.005	56	217048	236.486	ug/l	100
14) Allyl chloride	2.355	41	370063	46.678	ug/l	100
15) Acrylonitrile	2.671	53	808983	229.826	ug/l	100
16) Acetone	2.118	43	641812	226.802	ug/l	100
17) Carbon Disulfide	2.249	76	360325	49.220	ug/l	100
18) Methyl Acetate	2.375	43	566131	49.134	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	890587	47.744	ug/l	100
20) Methylene Chloride	2.452	84	269665	49.954	ug/l	100
21) trans-1,2-Dichloroethene	2.700	96	228762	46.425	ug/l	100
22) Diisopropyl ether	3.214	45	818936	51.081	ug/l	100
23) Vinyl Acetate	3.185	43	2981723	250.366	ug/l	100
24) 1,1-Dichloroethane	3.114	63	481161	46.797	ug/l	100
25) 2-Butanone	3.863	43	932104	259.159	ug/l	100
26) 2,2-Dichloropropane	3.806	77	436145	47.873	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	291035	49.022	ug/l	100
28) Bromochloromethane	4.143	49	153971	51.009	ug/l	100
29) Tetrahydrofuran	4.233	42	597954	250.424	ug/l	100
30) Chloroform	4.275	83	535954	47.906	ug/l	100
31) Cyclohexane	4.584	56	294843	46.554	ug/l	100
32) 1,1,1-Trichloroethane	4.507	97	464497	48.274	ug/l	100
36) 1,1-Dichloropropene	4.741	75	286505	50.890	ug/l	100
37) Ethyl Acetate	3.973	43	341423	46.175	ug/l	100
38) Carbon Tetrachloride	4.732	117	390220	51.929	ug/l	100
39) Methylcyclohexane	6.043	83	332359	53.952	ug/l	100
40) Benzene	5.008	78	987210	52.709	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	175424	57.804	ug/l	100
42) 1,2-Dichloroethane	5.037	62	363953	50.015	ug/l	100
43) Isopropyl Acetate	5.191	43	553283	52.995	ug/l	100
44) Trichloroethene	5.828	130	257519	52.253	ug/l	100
45) 1,2-Dichloropropane	6.088	63	267695	52.854	ug/l	100
46) Dibromomethane	6.223	93	199245	51.460	ug/l	100
47) Bromodichloromethane	6.426	83	438252	50.947	ug/l	100
48) Methyl methacrylate	6.294	41	262910	59.030	ug/l	100
49) 1,4-Dioxane	6.285	88	102879	1041.551	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2000656	276.456	ug/l	100
52) Toluene	7.307	92	660546	55.861	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	413816	54.989	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	436050	53.075	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	295621	51.088	ug/l	100
56) Ethyl methacrylate	7.715	69	418518	50.479	ug/l	100
57) 1,3-Dichloropropane	7.934	76	469660	53.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	954473	281.113	ug/l	100
59) 2-Hexanone	8.063	43	1506110	288.326	ug/l	100
60) Dibromochloromethane	8.166	129	370817	52.333	ug/l	100
61) 1,2-Dibromoethane	8.272	107	301999	52.574	ug/l	100
64) Tetrachloroethene	7.895	164	234446	49.870	ug/l	100
65) Chlorobenzene	8.802	112	795656	50.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	306675	49.794	ug/l	100
67) Ethyl Benzene	8.934	91	1284470	55.850	ug/l	100
68) m/p-Xylenes	9.063	106	1034493	116.713	ug/l	100
69) o-Xylene	9.468	106	477138	57.247	ug/l	100
70) Styrene	9.484	104	891782	59.428	ug/l	100
71) Bromoform	9.654	173	266100	51.415	ug/l #	100
73) Isopropylbenzene	9.854	105	1379296	54.664	ug/l	100
74) N-amyl acetate	9.725	43	492549	55.548	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	499926	46.339	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	379820	48.053	ug/l	100
77) Bromobenzene	10.140	156	338321	49.947	ug/l	100
78) n-propylbenzene	10.278	91	1658390	55.713	ug/l	100
79) 2-Chlorotoluene	10.349	91	988277	54.092	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1203686	56.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	168986	53.565	ug/l	100
82) 4-Chlorotoluene	10.461	91	1177395	55.101	ug/l	100
83) tert-Butylbenzene	10.789	119	1215717	53.606	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1210004	57.269	ug/l	100
85) sec-Butylbenzene	11.011	105	1587231	55.388	ug/l	100
86) p-Isopropyltoluene	11.165	119	1376863	55.155	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	704381	49.748	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	735407	47.694	ug/l	100
89) n-Butylbenzene	11.580	91	1301806	56.409	ug/l	100
90) Hexachloroethane	11.821	117	281975	47.884	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	674037	50.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114756	48.566	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	447722	53.038	ug/l	100
94) Hexachlorobutadiene	13.368	225	210960	47.295	ug/l	100
95) Naphthalene	13.423	128	1509967	57.004	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	463361	53.638	ug/l	100

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

