

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038953.D
 Acq On : 13 Aug 2025 15:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 02:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	549475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	882592	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	846951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	487801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	375326	49.526	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.060%
35) Dibromofluoromethane	4.500	113	315885	50.805	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.620%
50) Toluene-d8	7.236	98	1120904	51.750	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	10.002	95	434126	55.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	110.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	347907	46.950	ug/l	100
3) Chloromethane	1.230	50	345078	44.286	ug/l	100
4) Vinyl Chloride	1.294	62	390507	45.259	ug/l	100
5) Bromomethane	1.487	94	272708	47.046	ug/l	100
6) Chloroethane	1.555	64	240092	45.665	ug/l	100
7) Trichlorofluoromethane	1.722	101	488829	43.184	ug/l	100
8) Diethyl Ether	1.918	74	148102	41.722	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	306426	49.545	ug/l	100
10) Methyl Iodide	2.195	142	430776	51.404	ug/l	100
11) Tert butyl alcohol	2.574	59	371312	248.176	ug/l	100
12) 1,1-Dichloroethene	2.079	96	293308	47.835	ug/l	100
13) Acrolein	2.008	56	155693	258.139	ug/l	100
14) Allyl chloride	2.356	41	529846	49.919	ug/l	100
15) Acrylonitrile	2.674	53	981993	233.901	ug/l	100
16) Acetone	2.118	43	715226	230.560	ug/l	100
17) Carbon Disulfide	2.249	76	944963	49.332	ug/l	100
18) Methyl Acetate	2.378	43	406132	50.438	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1052134	47.311	ug/l	100
20) Methylene Chloride	2.455	84	355442	50.083	ug/l	100
21) trans-1,2-Dichloroethene	2.700	96	337694	44.926	ug/l	100
22) Diisopropyl ether	3.217	45	1004760	49.748	ug/l	100
23) Vinyl Acetate	3.188	43	4242133	250.070	ug/l	100
24) 1,1-Dichloroethane	3.118	63	470149	37.198	ug/l	100
25) 2-Butanone	3.867	43	1197409	258.452	ug/l	100
26) 2,2-Dichloropropane	3.812	77	535175	48.270	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	375761	48.463	ug/l	100
28) Bromochloromethane	4.146	49	153628	44.463	ug/l	100
29) Tetrahydrofuran	4.240	42	782131	262.085	ug/l	100
30) Chloroform	4.278	83	633124	46.875	ug/l	100
31) Cyclohexane	4.580	56	529472	47.748	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	575760	47.287	ug/l	100
36) 1,1-Dichloropropene	4.744	75	418581	51.189	ug/l	100
37) Ethyl Acetate	3.979	43	478558	49.718	ug/l	100
38) Carbon Tetrachloride	4.735	117	485809	50.393	ug/l	100
39) Methylcyclohexane	6.047	83	567792	52.843	ug/l	100
40) Benzene	5.008	78	1318630	49.197	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	215677	58.572	ug/l	100
42) 1,2-Dichloroethane	5.040	62	446236	48.345	ug/l	100
43) Isopropyl Acetate	5.195	43	711539	54.560	ug/l	100
44) Trichloroethene	5.831	130	332414	47.913	ug/l	100
45) 1,2-Dichloropropane	6.088	63	322121	51.560	ug/l	100
46) Dibromomethane	6.224	93	242945	48.525	ug/l	100
47) Bromodichloromethane	6.426	83	497725	49.457	ug/l	100
48) Methyl methacrylate	6.297	41	336875	56.070	ug/l	100
49) 1,4-Dioxane	6.288	88	128668	1082.149	ug/l	100
51) 4-Methyl-2-Pentanone	7.150	43	2417368	272.592	ug/l	100
52) Toluene	7.310	92	842932	51.556	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	497883	51.892	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	537671	51.039	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	337676	49.434	ug/l	100
56) Ethyl methacrylate	7.715	69	499387	56.386	ug/l	100
57) 1,3-Dichloropropane	7.934	76	549136	50.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1362141	239.879	ug/l	100
59) 2-Hexanone	8.066	43	1846577	282.378	ug/l	100
60) Dibromochloromethane	8.169	129	398924	48.340	ug/l	100
61) 1,2-Dibromoethane	8.275	107	363686	49.470	ug/l	100
64) Tetrachloroethene	7.899	164	300382	46.876	ug/l	100
65) Chlorobenzene	8.805	112	932118	46.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	337306	48.810	ug/l	100
67) Ethyl Benzene	8.937	91	1602999	53.373	ug/l	100
68) m/p-Xylenes	9.063	106	1271917	108.150	ug/l	100
69) o-Xylene	9.468	106	591035	54.712	ug/l	100
70) Styrene	9.487	104	1053750	56.033	ug/l	100
71) Bromoform	9.654	173	281048	50.048	ug/l #	100
73) Isopropylbenzene	9.857	105	1646216	52.705	ug/l	100
74) N-amyl acetate	9.725	43	651414	54.000	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	553099	45.634	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	415222	45.160	ug/l	100
77) Bromobenzene	10.140	156	390342	48.309	ug/l	100
78) n-propylbenzene	10.278	91	1972691	52.778	ug/l	100
79) 2-Chlorotoluene	10.349	91	1138901	49.848	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1411356	53.554	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	200975	53.582	ug/l	100
82) 4-Chlorotoluene	10.461	91	1368178	51.985	ug/l	100
83) tert-Butylbenzene	10.789	119	1372219	51.930	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1376576	54.310	ug/l	100
85) sec-Butylbenzene	11.014	105	1825896	52.957	ug/l	100
86) p-Isopropyltoluene	11.169	119	1553360	52.740	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	774295	46.745	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	790943	43.970	ug/l	100
89) n-Butylbenzene	11.580	91	1496825	53.764	ug/l	100
90) Hexachloroethane	11.821	117	307051	47.398	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	742079	47.810	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	124095	46.588	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	476435	49.739	ug/l	100
94) Hexachlorobutadiene	13.371	225	214652	45.098	ug/l	100
95) Naphthalene	13.426	128	1657670	55.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	480278	49.534	ug/l	100

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

