

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038838.D
 Acq On : 02 Jul 2025 13:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV070225

Quant Time: Jul 03 02:47:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	633787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	990418	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	921943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	508140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	338262	47.622	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	95.240%		
35) Dibromofluoromethane	4.500	113	309629	49.355	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	98.700%		
50) Toluene-d8	7.233	98	982366	48.399	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	96.800%		
62) 4-Bromofluorobenzene	9.998	95	414678	50.568	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	101.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	271136	45.067	ug/l	99
3) Chloromethane	1.230	50	312587	48.171	ug/l	98
4) Vinyl Chloride	1.298	62	310291	45.202	ug/l	98
5) Bromomethane	1.494	94	197933	47.248	ug/l	95
6) Chloroethane	1.558	64	208042	45.207	ug/l	98
7) Trichlorofluoromethane	1.725	101	539065	44.385	ug/l	98
8) Diethyl Ether	1.915	74	194103	45.927	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	317243	46.196	ug/l	99
10) Methyl Iodide	2.195	142	427060	49.013	ug/l	98
11) Tert butyl alcohol	2.561	59	237489	256.145	ug/l	97
12) 1,1-Dichloroethene	2.082	96	291399	44.644	ug/l	98
13) Acrolein	2.008	56	60913	263.110	ug/l	97
14) Allyl chloride	2.355	41	441446	50.292	ug/l	97
15) Acrylonitrile	2.671	53	842510	259.771	ug/l	99
16) Acetone	2.114	43	580723	245.333	ug/l	99
17) Carbon Disulfide	2.249	76	677970	44.841	ug/l	98
18) Methyl Acetate	2.375	43	410665	50.879	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1022164	50.651	ug/l	98
20) Methylene Chloride	2.455	84	343378	43.894	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	306695	46.986	ug/l	99
22) Diisopropyl ether	3.208	45	944918	52.509	ug/l	94
23) Vinyl Acetate	3.185	43	3529073	271.959	ug/l	99
24) 1,1-Dichloroethane	3.118	63	571206	47.085	ug/l	100
25) 2-Butanone	3.854	43	917108	261.996	ug/l	99
26) 2,2-Dichloropropane	3.809	77	521504	46.382	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	373805	49.141	ug/l	99
28) Bromochloromethane	4.143	49	237949	45.894	ug/l #	98
29) Tetrahydrofuran	4.224	42	623090	262.825	ug/l	98
30) Chloroform	4.275	83	617297	46.703	ug/l	98
31) Cyclohexane	4.580	56	443296	46.142	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	556630	45.375	ug/l	99
36) 1,1-Dichloropropene	4.741	75	398538	52.352	ug/l	98
37) Ethyl Acetate	3.966	43	385512	49.629	ug/l	96
38) Carbon Tetrachloride	4.732	117	473022	47.208	ug/l	97
39) Methylcyclohexane	6.043	83	497521	49.985	ug/l	99
40) Benzene	5.005	78	1223741	48.682	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	181656	48.289	ug/l	98
42) 1,2-Dichloroethane	5.034	62	434052	48.772	ug/l	99
43) Isopropyl Acetate	5.185	43	634853	51.229	ug/l	99
44) Trichloroethene	5.828	130	319219	48.661	ug/l	92
45) 1,2-Dichloropropane	6.085	63	311428	49.330	ug/l	98
46) Dibromomethane	6.223	93	235320	47.266	ug/l	99
47) Bromodichloromethane	6.423	83	492474	46.716	ug/l	98
48) Methyl methacrylate	6.291	41	297588	50.502	ug/l	98
49) 1,4-Dioxane	6.281	88	93310	1142.427	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	2049946	262.138	ug/l	99
52) Toluene	7.307	92	808962	51.508	ug/l	97
53) t-1,3-Dichloropropene	7.571	75	502875	49.828	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	534806	51.827	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	332979	48.484	ug/l	98
56) Ethyl methacrylate	7.712	69	497036	55.012	ug/l	99
57) 1,3-Dichloropropane	7.931	76	537445	49.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1094915	266.886	ug/l	99
59) 2-Hexanone	8.059	43	1449886	262.865	ug/l	99
60) Dibromochloromethane	8.166	129	408458	47.236	ug/l	99
61) 1,2-Dibromoethane	8.272	107	351473	49.466	ug/l	98
64) Tetrachloroethene	7.895	164	276857	46.698	ug/l	98
65) Chlorobenzene	8.802	112	918349	47.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	342462	47.202	ug/l	99
67) Ethyl Benzene	8.934	91	1551465	50.967	ug/l	100
68) m/p-Xylenes	9.059	106	1227136	105.247	ug/l	100
69) o-Xylene	9.468	106	576607	51.762	ug/l	99
70) Styrene	9.484	104	1037066	53.321	ug/l	99
71) Bromoform	9.651	173	284763	48.300	ug/l	100
73) Isopropylbenzene	9.854	105	1602469	53.735	ug/l	99
74) N-amyl acetate	9.722	43	565038	54.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	519582	48.060	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	388111	49.365	ug/l	99
77) Bromobenzene	10.140	156	388809	50.540	ug/l	99
78) n-propylbenzene	10.275	91	1898995	53.509	ug/l	100
79) 2-Chlorotoluene	10.345	91	1115221	51.743	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1362957	53.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	185988	50.356	ug/l	98
82) 4-Chlorotoluene	10.461	91	1320330	53.139	ug/l	98
83) tert-Butylbenzene	10.789	119	1383327	52.308	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1353024	54.140	ug/l	100
85) sec-Butylbenzene	11.011	105	1793880	53.281	ug/l	100
86) p-Isopropyltoluene	11.165	119	1524528	52.814	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	770791	49.283	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	780632	47.369	ug/l	99
89) n-Butylbenzene	11.580	91	1438892	53.785	ug/l	100
90) Hexachloroethane	11.818	117	293392	46.824	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	736507	49.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114096	49.847	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	499538	52.278	ug/l	99
94) Hexachlorobutadiene	13.368	225	221255	47.982	ug/l	98
95) Naphthalene	13.423	128	1659966	54.607	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	509431	51.661	ug/l	100

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

