

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038826.D
 Acq On : 27 Jun 2025 10:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 28 03:58:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	505597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	833955	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	779042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	438382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	309995	47.626	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.260%	
35) Dibromofluoromethane	4.500	113	267396	49.419	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.840%	
50) Toluene-d8	7.236	98	916243	49.561	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.120%	
62) 4-Bromofluorobenzene	9.998	95	355198	52.192	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.380%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	233781	48.708	ug/l	100
3) Chloromethane	1.230	50	282033	45.355	ug/l	100
4) Vinyl Chloride	1.294	62	311548	46.955	ug/l	100
5) Bromomethane	1.490	94	204169	55.038	ug/l	100
6) Chloroethane	1.558	64	201653	46.969	ug/l	100
7) Trichlorofluoromethane	1.725	101	456025	46.190	ug/l	100
8) Diethyl Ether	1.915	74	179469	47.580	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	278701	46.876	ug/l	100
10) Methyl Iodide	2.195	142	315498	48.650	ug/l	100
11) Tert butyl alcohol	2.564	59	267975	241.442	ug/l	100
12) 1,1-Dichloroethene	2.082	96	264219	51.957	ug/l	100
13) Acrolein	2.008	56	107509	256.517	ug/l	100
14) Allyl chloride	2.359	41	459643	47.665	ug/l	100
15) Acrylonitrile	2.670	53	968701	256.315	ug/l	100
16) Acetone	2.114	43	737081	251.806	ug/l	100
17) Carbon Disulfide	2.252	76	668575	51.650	ug/l	100
18) Methyl Acetate	2.378	43	478440	51.012	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	922442	51.186	ug/l	100
20) Methylene Chloride	2.455	84	309685	45.454	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	275539	46.492	ug/l	100
22) Diisopropyl ether	3.211	45	1034813	53.027	ug/l	100
23) Vinyl Acetate	3.185	43	4207759	271.430	ug/l	100
24) 1,1-Dichloroethane	3.117	63	559310	47.790	ug/l	100
25) 2-Butanone	3.857	43	1219837	278.618	ug/l	100
26) 2,2-Dichloropropane	3.809	77	465358	47.209	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	330860	48.165	ug/l	100
28) Bromochloromethane	4.143	49	250873	45.930	ug/l	100
29) Tetrahydrofuran	4.227	42	821177	257.663	ug/l	100
30) Chloroform	4.278	83	569223	47.332	ug/l	100
31) Cyclohexane	4.587	56	439023	48.247	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	484920	46.902	ug/l	100
36) 1,1-Dichloropropene	4.744	75	369218	46.576	ug/l	100
37) Ethyl Acetate	3.966	43	483468	45.436	ug/l	100
38) Carbon Tetrachloride	4.735	117	413281	48.983	ug/l	100
39) Methylcyclohexane	6.047	83	453474	50.982	ug/l	100
40) Benzene	5.008	78	1173798	50.048	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	222144	49.200	ug/l	100
42) 1,2-Dichloroethane	5.037	62	408751	48.319	ug/l	100
43) Isopropyl Acetate	5.188	43	728043	56.287	ug/l	100
44) Trichloroethene	5.831	130	283958	50.448	ug/l	100
45) 1,2-Dichloropropane	6.088	63	317757	51.534	ug/l	100
46) Dibromomethane	6.223	93	222352	49.159	ug/l	100
47) Bromodichloromethane	6.426	83	454953	49.806	ug/l	100
48) Methyl methacrylate	6.294	41	340029	55.467	ug/l	100
49) 1,4-Dioxane	6.284	88	85364	865.047	ug/l	100
51) 4-Methyl-2-Pentanone	7.143	43	2641715	277.405	ug/l	100
52) Toluene	7.307	92	733037	51.271	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	457080	52.488	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	501439	52.058	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	308286	49.972	ug/l	100
56) Ethyl methacrylate	7.712	69	470715	56.008	ug/l	100
57) 1,3-Dichloropropane	7.934	76	525207	51.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1273481	233.577	ug/l	100
59) 2-Hexanone	8.063	43	1942473	289.577	ug/l	100
60) Dibromochloromethane	8.165	129	357089	49.925	ug/l	100
61) 1,2-Dibromoethane	8.272	107	322247	50.607	ug/l	100
64) Tetrachloroethene	7.895	164	263390	48.444	ug/l	100
65) Chlorobenzene	8.805	112	838734	49.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	290629	48.245	ug/l	100
67) Ethyl Benzene	8.937	91	1401569	52.275	ug/l	100
68) m/p-Xylenes	9.063	106	1104933	109.420	ug/l	100
69) o-Xylene	9.468	106	509329	53.920	ug/l	100
70) Styrene	9.484	104	918096	57.555	ug/l	100
71) Bromoform	9.654	173	245414	50.563	ug/l	100
73) Isopropylbenzene	9.853	105	1412412	52.844	ug/l	100
74) N-amyl acetate	9.725	43	626804	53.786	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	523274	47.020	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	419227	49.749	ug/l	100
77) Bromobenzene	10.140	156	337805	50.129	ug/l	100
78) n-propylbenzene	10.278	91	1740302	53.840	ug/l	100
79) 2-Chlorotoluene	10.345	91	994507	51.712	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1204473	54.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	187215	51.449	ug/l	100
82) 4-Chlorotoluene	10.461	91	1165492	52.564	ug/l	100
83) tert-Butylbenzene	10.789	119	1159746	52.366	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1192059	55.351	ug/l	100
85) sec-Butylbenzene	11.011	105	1575050	53.920	ug/l	100
86) p-Isopropyltoluene	11.165	119	1327964	53.208	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	673396	49.095	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	683728	46.021	ug/l	100
89) n-Butylbenzene	11.577	91	1286690	53.229	ug/l	100
90) Hexachloroethane	11.821	117	261762	47.640	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	636273	47.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	116158	49.233	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	405704	51.715	ug/l	100
94) Hexachlorobutadiene	13.368	225	179744	47.113	ug/l	100
95) Naphthalene	13.422	128	1453766	47.020	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	417674	51.827	ug/l	100

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

