

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039287.D
 Acq On : 07 Oct 2025 11:32
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 08 04:43:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	749661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1167657	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1107633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	621882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	985564	92.521	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 185.040%#	
35) Dibromofluoromethane	4.497	113	858226	93.282	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 186.560%#	
50) Toluene-d8	7.236	98	3134481	100.146	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 200.300%#	
62) 4-Bromofluorobenzene	9.998	95	1168638	104.841	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 209.680%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	893519	94.301	ug/l	100
3) Chloromethane	1.230	50	879319	89.137	ug/l	100
4) Vinyl Chloride	1.297	62	998482	88.720	ug/l	99
5) Bromomethane	1.487	94	623024	85.322	ug/l	99
6) Chloroethane	1.555	64	603702	99.386	ug/l	99
7) Trichlorofluoromethane	1.722	101	1463821	85.141	ug/l	100
8) Diethyl Ether	1.918	74	550404	88.590	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	881200	85.597	ug/l	100
10) Methyl Iodide	2.195	142	1028544	115.961	ug/l	99
11) Tert butyl alcohol	2.574	59	889682	430.970	ug/l	100
12) 1,1-Dichloroethene	2.079	96	854123	84.498	ug/l	99
13) Acrolein	2.008	56	596300	506.663	ug/l	99
14) Allyl chloride	2.355	41	1407616	87.845	ug/l	100
15) Acrylonitrile	2.674	53	2595364	423.939	ug/l	99
16) Acetone	2.117	43	2403719	495.727	ug/l	99
17) Carbon Disulfide	2.249	76	2346685	82.192	ug/l	100
18) Methyl Acetate	2.378	43	1264520	91.610	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	2731645	89.783	ug/l	98
20) Methylene Chloride	2.455	84	922846	99.824	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	880398	82.721	ug/l	99
22) Diisopropyl ether	3.217	45	2663473	92.580	ug/l	93
23) Vinyl Acetate	3.188	43	11652736	461.373	ug/l	99
24) 1,1-Dichloroethane	3.117	63	1598702	82.946	ug/l	99
25) 2-Butanone	3.866	43	3263476	502.401	ug/l	98
26) 2,2-Dichloropropane	3.809	77	1375516	88.606	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	1023815	96.076	ug/l	99
28) Bromochloromethane	4.146	49	683408	81.134	ug/l	100
29) Tetrahydrofuran	4.236	42	2101591	504.695	ug/l	100
30) Chloroform	4.278	83	1662798	84.599	ug/l	100
31) Cyclohexane	4.583	56	1347579	95.992	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	1470824	85.587	ug/l	99
36) 1,1-Dichloropropene	4.741	75	1123479	97.224	ug/l	99
37) Ethyl Acetate	3.973	43	1228696	91.123	ug/l	100
38) Carbon Tetrachloride	4.735	117	1280814	87.445	ug/l	99
39) Methylcyclohexane	6.046	83	1465584	110.972	ug/l	96
40) Benzene	5.008	78	3515685	94.814	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	593957	100.873	ug/l	98
42) 1,2-Dichloroethane	5.037	62	1144477	87.944	ug/l	100
43) Isopropyl Acetate	5.191	43	1908455	103.569	ug/l	99
44) Trichloroethene	5.828	130	881129	94.495	ug/l	100
45) 1,2-Dichloropropane	6.088	63	873398	96.798	ug/l	100
46) Dibromomethane	6.223	93	669010	88.707	ug/l	98
47) Bromodichloromethane	6.426	83	1331015	89.570	ug/l	99
48) Methyl methacrylate	6.294	41	914826	111.494	ug/l	100
49) 1,4-Dioxane	6.291	88	296818	2174.580	ug/l	91
51) 4-Methyl-2-Pentanone	7.149	43	6345475	516.411	ug/l	99
52) Toluene	7.307	92	2263884	101.117	ug/l	99
53) t-1,3-Dichloropropene	7.570	75	1368814	105.398	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	1462703	101.305	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	907428	89.760	ug/l	98
56) Ethyl methacrylate	7.715	69	1403788	124.375	ug/l	100
57) 1,3-Dichloropropane	7.934	76	1467059	96.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	3527395	500.230	ug/l	99
59) 2-Hexanone	8.062	43	4801164	532.226	ug/l	98
60) Dibromochloromethane	8.169	129	1076945	91.110	ug/l	99
61) 1,2-Dibromoethane	8.271	107	991319	94.173	ug/l	99
64) Tetrachloroethene	7.895	164	767463	94.986	ug/l	100
65) Chlorobenzene	8.802	112	2503276	95.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	892682	90.889	ug/l	99
67) Ethyl Benzene	8.937	91	4288544	111.032	ug/l	99
68) m/p-Xylenes	9.062	106	3410520	222.630	ug/l	100
69) o-Xylene	9.468	106	1591932	117.673	ug/l	98
70) Styrene	9.484	104	2846152	118.237	ug/l	99
71) Bromoform	9.654	173	764338	96.230	ug/l #	100
73) Isopropylbenzene	9.857	105	4236831	112.193	ug/l	100
74) N-amyl acetate	9.722	43	1717728	109.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1463782	84.405	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	1139829	91.832	ug/l	99
77) Bromobenzene	10.140	156	1039102	100.094	ug/l	97
78) n-propylbenzene	10.278	91	5031443	109.805	ug/l	99
79) 2-Chlorotoluene	10.349	91	3001261	106.088	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	3568373	112.666	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	535551	108.969	ug/l	98
82) 4-Chlorotoluene	10.461	91	3551601	109.222	ug/l	99
83) tert-Butylbenzene	10.789	119	3524869	112.082	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3570942	114.530	ug/l	100
85) sec-Butylbenzene	11.011	105	4503223	113.251	ug/l	100
86) p-Isopropyltoluene	11.165	119	3801102	111.182	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	2025215	97.806	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	2063431	88.407	ug/l	99
89) n-Butylbenzene	11.577	91	3617227	113.614	ug/l	99
90) Hexachloroethane	11.818	117	753378	89.118	ug/l	100
91) 1,2-Dichlorobenzene	11.564	146	1927089	97.835	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	329241	92.330	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	1244317	113.268	ug/l	98
94) Hexachlorobutadiene	13.368	225	508802	91.466	ug/l	100
95) Naphthalene	13.422	128	4559594	126.683	ug/l	100
96) 1,2,3-Trichlorobenzene	13.663	180	1278887	112.009	ug/l	100

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

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