

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038836.D
 Acq On : 02 Jul 2025 11:45
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 03 02:25:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	571341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	914729	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	856535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	494611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	615485	96.121	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 192.240%#	
35) Dibromofluoromethane	4.497	113	571753	98.679	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 197.360%#	
50) Toluene-d8	7.233	98	1837766	98.034	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 196.060%#	
62) 4-Bromofluorobenzene	9.998	95	786665	103.867	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 207.740%#	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.121	85	526137	97.009	ug/l 99
3) Chloromethane	1.230	50	595386	102.916	ug/l 98
4) Vinyl Chloride	1.297	62	614333	99.274	ug/l 100
5) Bromomethane	1.487	94	350306	92.761	ug/l 97
6) Chloroethane	1.555	64	397604	95.841	ug/l 98
7) Trichlorofluoromethane	1.722	101	1040495	95.035	ug/l 98
8) Diethyl Ether	1.915	74	370021	97.121	ug/l 99
9) 1,1,2-Trichlorotrifluo...	2.079	101	602804	97.372	ug/l 100
10) Methyl Iodide	2.191	142	863385	109.920	ug/l 99
11) Tert butyl alcohol	2.564	59	437798	523.797	ug/l 99
12) 1,1-Dichloroethene	2.079	96	557071	94.675	ug/l 99
13) Acrolein	2.005	56	110012	527.127	ug/l 96
14) Allyl chloride	2.355	41	815196	103.023	ug/l 99
15) Acrylonitrile	2.667	53	1576449	539.193	ug/l 100
16) Acetone	2.114	43	1090429	511.013	ug/l 100
17) Carbon Disulfide	2.249	76	1273154	93.410	ug/l 99
18) Methyl Acetate	2.375	43	783906	107.737	ug/l 100
19) Methyl tert-butyl Ether	2.706	73	1951760	107.285	ug/l 100
20) Methylene Chloride	2.452	84	636777	90.296	ug/l 99
21) trans-1,2-Dichloroethene	2.699	96	586730	99.712	ug/l 98
22) Diisopropyl ether	3.207	45	1769655	109.087	ug/l 87
23) Vinyl Acetate	3.182	43	6812222	582.344	ug/l 100
24) 1,1-Dichloroethane	3.114	63	1067963	97.655	ug/l 100
25) 2-Butanone	3.850	43	1726441	574.189	ug/l 100
26) 2,2-Dichloropropane	3.805	77	1010065	99.653	ug/l 100
27) cis-1,2-Dichloroethene	3.815	96	710831	103.661	ug/l 98
28) Bromochloromethane	4.140	49	440156	94.172	ug/l # 99
29) Tetrahydrofuran	4.223	42	1179667	570.471	ug/l 99
30) Chloroform	4.272	83	1166333	97.885	ug/l 100
31) Cyclohexane	4.580	56	832775	96.156	ug/l 100
32) 1,1,1-Trichloroethane	4.510	97	1072199	96.956	ug/l 99
36) 1,1-Dichloropropene	4.741	75	751122	106.832	ug/l 98
37) Ethyl Acetate	3.960	43	716944	101.420	ug/l 98
38) Carbon Tetrachloride	4.731	117	922968	99.735	ug/l 99
39) Methylcyclohexane	6.043	83	983775	107.017	ug/l 98
40) Benzene	5.005	78	2360739	104.683	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	362413	99.390	ug/l	98
42) 1,2-Dichloroethane	5.034	62	835942	101.703	ug/l	99
43) Isopropyl Acetate	5.182	43	1214977	106.580	ug/l	99
44) Trichloroethene	5.828	130	620903	102.480	ug/l	95
45) 1,2-Dichloropropane	6.085	63	587829	100.817	ug/l	98
46) Dibromomethane	6.220	93	457200	99.432	ug/l	99
47) Bromodichloromethane	6.423	83	949365	97.508	ug/l	97
48) Methyl methacrylate	6.288	41	592268	114.891	ug/l	99
49) 1,4-Dioxane	6.281	88	158093	2172.483	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	3932571	553.263	ug/l	99
52) Toluene	7.304	92	1552398	107.023	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	992380	109.713	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	1021934	107.228	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	636325	100.321	ug/l	99
56) Ethyl methacrylate	7.712	69	974875	116.827	ug/l	99
57) 1,3-Dichloropropane	7.931	76	1026596	102.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.808	63	2086869	572.832	ug/l	99
59) 2-Hexanone	8.059	43	2829599	549.089	ug/l	100
60) Dibromochloromethane	8.165	129	792289	99.205	ug/l	99
61) 1,2-Dibromoethane	8.271	107	681653	105.801	ug/l	100
64) Tetrachloroethene	7.895	164	529477	96.128	ug/l	99
65) Chlorobenzene	8.802	112	1799366	99.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	667291	98.996	ug/l	99
67) Ethyl Benzene	8.934	91	3095474	109.453	ug/l	100
68) m/p-Xylenes	9.059	106	2427548	224.101	ug/l	99
69) o-Xylene	9.468	106	1160614	112.143	ug/l	100
70) Styrene	9.484	104	2052394	113.424	ug/l	100
71) Bromoform	9.654	173	569824	104.032	ug/l #	100
73) Isopropylbenzene	9.853	105	3158065	108.795	ug/l	100
74) N-amyl acetate	9.722	43	1152929	116.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1019200	96.852	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	749368	97.921	ug/l	98
77) Bromobenzene	10.140	156	766922	102.416	ug/l	100
78) n-propylbenzene	10.278	91	3759932	108.843	ug/l	100
79) 2-Chlorotoluene	10.345	91	2209838	105.336	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	2723031	109.714	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	385189	107.141	ug/l	93
82) 4-Chlorotoluene	10.461	91	2641068	109.201	ug/l	100
83) tert-Butylbenzene	10.789	119	2809898	109.157	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	2728077	112.147	ug/l	100
85) sec-Butylbenzene	11.011	105	3632760	110.850	ug/l	100
86) p-Isopropyltoluene	11.165	119	3102499	110.419	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1536392	100.921	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	1568188	97.760	ug/l	100
89) n-Butylbenzene	11.580	91	2947265	113.181	ug/l	99
90) Hexachloroethane	11.821	117	599327	98.265	ug/l	100
91) 1,2-Dichlorobenzene	11.564	146	1500766	104.589	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	231691	103.991	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	1058082	113.760	ug/l	100
94) Hexachlorobutadiene	13.368	225	457641	101.960	ug/l	97
95) Naphthalene	13.422	128	3534065	119.438	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	1069767	111.452	ug/l	99

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

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