

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038882.D
 Acq On : 11 Jul 2025 09:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 14 06:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	470444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	724413	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	694917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	419841	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	259481	45.143	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	90.280%
35) Dibromofluoromethane	4.500	113	236811	47.947	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.900%
50) Toluene-d8	7.236	98	726218	48.644	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	10.001	95	310159	51.572	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	183055	44.285	ug/l	100
3) Chloromethane	1.230	50	186593	41.802	ug/l	100
4) Vinyl Chloride	1.297	62	212849	41.662	ug/l	100
5) Bromomethane	1.487	94	157590	54.285	ug/l	100
6) Chloroethane	1.555	64	148263	43.418	ug/l	100
7) Trichlorofluoromethane	1.722	101	407677	45.100	ug/l	100
8) Diethyl Ether	1.918	74	146503	45.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	247158	45.727	ug/l	100
10) Methyl Iodide	2.195	142	306899	49.457	ug/l	100
11) Tert butyl alcohol	2.571	59	311352	235.277	ug/l	100
12) 1,1-Dichloroethene	2.082	96	214287	43.510	ug/l	100
13) Acrolein	2.011	56	47192	246.598	ug/l	100
14) Allyl chloride	2.355	41	351094	44.747	ug/l	100
15) Acrylonitrile	2.674	53	776925	229.422	ug/l	100
16) Acetone	2.117	43	606658	243.903	ug/l	100
17) Carbon Disulfide	2.252	76	388876	49.387	ug/l	100
18) Methyl Acetate	2.378	43	426460	50.676	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	866074	46.902	ug/l	100
20) Methylene Chloride	2.455	84	265243	42.035	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	224599	42.861	ug/l	100
22) Diisopropyl ether	3.214	45	779071	49.693	ug/l	100
23) Vinyl Acetate	3.188	43	3019624	245.641	ug/l	100
24) 1,1-Dichloroethane	3.117	63	472119	45.983	ug/l	100
25) 2-Butanone	3.863	43	900216	252.810	ug/l	100
26) 2,2-Dichloropropane	3.809	77	426109	47.402	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	280393	46.598	ug/l	100
28) Bromochloromethane	4.146	49	198103	49.846	ug/l	100
29) Tetrahydrofuran	4.236	42	585599	249.227	ug/l	100
30) Chloroform	4.278	83	520498	45.982	ug/l	100
31) Cyclohexane	4.580	56	294056	43.634	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	448382	45.399	ug/l	100
36) 1,1-Dichloropropene	4.744	75	285529	50.303	ug/l	100
37) Ethyl Acetate	3.973	43	345412	51.684	ug/l	100
38) Carbon Tetrachloride	4.735	117	368458	48.868	ug/l	100
39) Methylcyclohexane	6.046	83	328636	49.068	ug/l	100
40) Benzene	5.008	78	961859	49.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	169419	55.941	ug/l	100
42) 1,2-Dichloroethane	5.037	62	357850	48.790	ug/l	100
43) Isopropyl Acetate	5.191	43	541554	51.237	ug/l	100
44) Trichloroethene	5.831	130	237137	47.162	ug/l	100
45) 1,2-Dichloropropane	6.088	63	254830	50.134	ug/l	100
46) Dibromomethane	6.223	93	193680	49.247	ug/l	100
47) Bromodichloromethane	6.426	83	422693	50.643	ug/l	100
48) Methyl methacrylate	6.294	41	252821	54.620	ug/l	100
49) 1,4-Dioxane	6.284	88	108156	1088.715	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	1954022	271.506	ug/l	100
52) Toluene	7.307	92	631518	52.097	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	395999	52.434	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	418423	51.252	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	289941	50.041	ug/l	100
56) Ethyl methacrylate	7.715	69	397681	57.758	ug/l	100
57) 1,3-Dichloropropane	7.934	76	446704	51.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1277093	253.426	ug/l	100
59) 2-Hexanone	8.062	43	1451210	270.875	ug/l	100
60) Dibromochloromethane	8.165	129	342748	50.233	ug/l	100
61) 1,2-Dibromoethane	8.271	107	292058	50.034	ug/l	100
64) Tetrachloroethene	7.895	164	210893	46.274	ug/l	100
65) Chlorobenzene	8.805	112	745801	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	293379	48.449	ug/l	100
67) Ethyl Benzene	8.937	91	1223426	54.262	ug/l	100
68) m/p-Xylenes	9.062	106	988067	112.560	ug/l	100
69) o-Xylene	9.468	106	456295	55.073	ug/l	100
70) Styrene	9.484	104	846023	57.775	ug/l	100
71) Bromoform	9.654	173	253726	51.549	ug/l #	100
73) Isopropylbenzene	9.857	105	1326446	52.876	ug/l	100
74) N-amyl acetate	9.725	43	494380	53.799	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	491601	46.785	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	368830	47.250	ug/l	100
77) Bromobenzene	10.140	156	325336	49.439	ug/l	100
78) n-propylbenzene	10.278	91	1565597	53.398	ug/l	100
79) 2-Chlorotoluene	10.349	91	945667	50.717	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1151335	54.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	160233	50.093	ug/l	100
82) 4-Chlorotoluene	10.461	91	1110629	53.285	ug/l	100
83) tert-Butylbenzene	10.789	119	1167729	52.648	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1149690	55.231	ug/l	100
85) sec-Butylbenzene	11.011	105	1512487	53.430	ug/l	100
86) p-Isopropyltoluene	11.165	119	1284253	53.435	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	657737	48.968	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	674282	46.148	ug/l	100
89) n-Butylbenzene	11.580	91	1208036	55.059	ug/l	100
90) Hexachloroethane	11.821	117	260560	45.581	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	633592	48.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	115343	48.553	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	411760	53.498	ug/l	100
94) Hexachlorobutadiene	13.368	225	190388	48.033	ug/l	100
95) Naphthalene	13.422	128	1449456	56.909	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	438350	54.946	ug/l	100

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

