

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038835.D
 Acq On : 02 Jul 2025 11:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 03 02:24:59 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	559489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	864270	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	812985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	478819	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	295431	47.115	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.220%
35) Dibromofluoromethane	4.497	113	266050	48.598	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.200%
50) Toluene-d8	7.236	98	848271	47.892	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	10.001	95	356849	49.867	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	251131	47.285	ug/l	100
3) Chloromethane	1.230	50	279055	48.726	ug/l	100
4) Vinyl Chloride	1.297	62	282800	46.668	ug/l	100
5) Bromomethane	1.494	94	170836	46.196	ug/l	100
6) Chloroethane	1.558	64	185638	45.695	ug/l	100
7) Trichlorofluoromethane	1.725	101	490717	45.770	ug/l	100
8) Diethyl Ether	1.915	74	165735	44.423	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	283863	46.824	ug/l	100
10) Methyl Iodide	2.195	142	376751	48.981	ug/l	100
11) Tert butyl alcohol	2.561	59	193843	236.834	ug/l	100
12) 1,1-Dichloroethene	2.082	96	258735	44.904	ug/l	100
13) Acrolein	2.011	56	46884	229.405	ug/l	100
14) Allyl chloride	2.359	41	371202	47.905	ug/l	100
15) Acrylonitrile	2.670	53	722437	252.330	ug/l	100
16) Acetone	2.117	43	502116	240.294	ug/l	100
17) Carbon Disulfide	2.252	76	597006	44.729	ug/l	100
18) Methyl Acetate	2.378	43	354194	49.710	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	893591	50.160	ug/l	100
20) Methylene Chloride	2.455	84	299886	43.425	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	275724	47.851	ug/l	100
22) Diisopropyl ether	3.207	45	823666	51.849	ug/l	100
23) Vinyl Acetate	3.185	43	3069117	267.922	ug/l	100
24) 1,1-Dichloroethane	3.117	63	501654	46.843	ug/l	100
25) 2-Butanone	3.854	43	784010	266.274	ug/l	100
26) 2,2-Dichloropropane	3.809	77	467797	47.130	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	329683	49.096	ug/l	100
28) Bromochloromethane	4.143	49	209914	45.863	ug/l	100
29) Tetrahydrofuran	4.227	42	535187	264.292	ug/l	100
30) Chloroform	4.275	83	563678	48.309	ug/l	100
31) Cyclohexane	4.584	56	384066	45.285	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	509132	47.015	ug/l	100
36) 1,1-Dichloropropene	4.744	75	338679	50.983	ug/l	100
37) Ethyl Acetate	3.969	43	303032	45.370	ug/l	100
38) Carbon Tetrachloride	4.735	117	433524	49.581	ug/l	100
39) Methylcyclohexane	6.046	83	428105	49.289	ug/l	100
40) Benzene	5.008	78	1094792	51.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	157579	47.985	ug/l	100
42) 1,2-Dichloroethane	5.037	62	394961	50.857	ug/l	100
43) Isopropyl Acetate	5.185	43	541847	50.307	ug/l	100
44) Trichloroethene	5.828	130	283045	49.444	ug/l	100
45) 1,2-Dichloropropane	6.085	63	274626	49.850	ug/l	100
46) Dibromomethane	6.223	93	210611	48.478	ug/l	100
47) Bromodichloromethane	6.423	83	453396	49.286	ug/l	100
48) Methyl methacrylate	6.291	41	258320	53.036	ug/l	100
49) 1,4-Dioxane	6.281	88	71028	1033.038	ug/l	100
51) 4-Methyl-2-Pentanone	7.143	43	1813661	270.056	ug/l	100
52) Toluene	7.307	92	718477	52.424	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	448725	52.505	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	470537	52.254	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	305855	51.035	ug/l	100
56) Ethyl methacrylate	7.712	69	426674	54.117	ug/l	100
57) 1,3-Dichloropropane	7.931	76	480921	50.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	942450	273.800	ug/l	100
59) 2-Hexanone	8.059	43	1279790	262.845	ug/l	100
60) Dibromochloromethane	8.165	129	374044	49.570	ug/l	100
61) 1,2-Dibromoethane	8.271	107	318167	52.267	ug/l	100
64) Tetrachloroethene	7.895	164	250012	47.822	ug/l	100
65) Chlorobenzene	8.802	112	838231	48.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	316347	49.446	ug/l	100
67) Ethyl Benzene	8.934	91	1409005	52.490	ug/l	100
68) m/p-Xylenes	9.062	106	1118273	108.764	ug/l	100
69) o-Xylene	9.468	106	521541	53.093	ug/l	100
70) Styrene	9.484	104	945905	55.075	ug/l	100
71) Bromoform	9.654	173	265981	51.161	ug/l #	100
73) Isopropylbenzene	9.857	105	1467024	52.206	ug/l	100
74) N-amyl acetate	9.722	43	500342	52.057	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	485174	47.626	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	365144	49.288	ug/l	100
77) Bromobenzene	10.140	156	356643	49.198	ug/l	100
78) n-propylbenzene	10.278	91	1746474	52.225	ug/l	100
79) 2-Chlorotoluene	10.345	91	1028050	50.620	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1266512	52.712	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	169503	48.703	ug/l	100
82) 4-Chlorotoluene	10.461	91	1228399	52.466	ug/l	100
83) tert-Butylbenzene	10.789	119	1270871	50.998	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1260848	53.541	ug/l	100
85) sec-Butylbenzene	11.011	105	1657827	52.255	ug/l	100
86) p-Isopropyltoluene	11.165	119	1411096	51.878	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	727339	49.352	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	742078	47.787	ug/l	100
89) n-Butylbenzene	11.580	91	1348188	53.481	ug/l	100
90) Hexachloroethane	11.818	117	279152	47.279	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	684309	49.263	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	104463	48.433	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	460769	51.173	ug/l	100
94) Hexachlorobutadiene	13.368	225	205208	47.227	ug/l	100
95) Naphthalene	13.422	128	1531417	53.463	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	477624	51.402	ug/l	100

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

