

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038950.D
 Acq On : 13 Aug 2025 14:11
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 01:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 01:39:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	419645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	615491	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	581904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	360676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	267044	44.732	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.460%
35) Dibromofluoromethane	4.500	113	212872	46.187	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.380%
50) Toluene-d8	7.236	98	750904	47.200	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.400%
62) 4-Bromofluorobenzene	10.001	95	292859	50.778	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	364272	102.239	ug/l	100
3) Chloromethane	1.230	50	356859	103.252	ug/l	100
4) Vinyl Chloride	1.294	62	407436	98.702	ug/l	100
5) Bromomethane	1.487	94	263536	83.155	ug/l	100
6) Chloroethane	1.555	64	245204	87.234	ug/l	100
7) Trichlorofluoromethane	1.722	101	552012	75.292	ug/l	100
8) Diethyl Ether	1.918	74	122220	49.681	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	195052	46.547	ug/l	100
10) Methyl Iodide	2.195	142	327403	74.741	ug/l	100
11) Tert butyl alcohol	2.571	59	197735	200.738	ug/l	100
12) 1,1-Dichloroethene	2.082	96	193853	54.290	ug/l	100
13) Acrolein	2.008	56	88953	122.900	ug/l	100
14) Allyl chloride	2.355	41	216267	36.996	ug/l	100
15) Acrylonitrile	2.674	53	462197	178.460	ug/l	100
16) Acetone	2.117	43	394135	187.547	ug/l	100
17) Carbon Disulfide	2.249	76	513392	80.267	ug/l	100
18) Methyl Acetate	2.378	43	158764	23.170	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	638561	45.173	ug/l	100
20) Methylene Chloride	2.455	84	196843	39.742	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	200716	52.033	ug/l	100
22) Diisopropyl ether	3.214	45	509790	42.902	ug/l	100
23) Vinyl Acetate	3.188	43	2244898	246.911	ug/l	100
24) 1,1-Dichloroethane	3.117	63	317531	41.229	ug/l	100
25) 2-Butanone	3.867	43	613352	228.707	ug/l	100
26) 2,2-Dichloropropane	3.812	77	379591	53.263	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	250223	54.225	ug/l	100
28) Bromochloromethane	4.146	49	80875	32.084	ug/l	100
29) Tetrahydrofuran	4.236	42	384985	219.856	ug/l	100
30) Chloroform	4.275	83	425146	49.355	ug/l	100
31) Cyclohexane	4.580	56	303704	58.854	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	418860	55.281	ug/l	100
36) 1,1-Dichloropropene	4.744	75	270206	62.063	ug/l	100
37) Ethyl Acetate	3.973	43	246632	44.925	ug/l	100
38) Carbon Tetrachloride	4.731	117	383600	66.014	ug/l	100
39) Methylcyclohexane	6.047	83	376577	76.063	ug/l	100
40) Benzene	5.008	78	831929	59.028	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	113890	52.332	ug/l	100
42) 1,2-Dichloroethane	5.040	62	318936	58.006	ug/l	100
43) Isopropyl Acetate	5.194	43	381710	50.458	ug/l	100
44) Trichloroethene	5.828	130	231454	60.877	ug/l	100
45) 1,2-Dichloropropane	6.088	63	179819	47.667	ug/l	100
46) Dibromomethane	6.223	93	158689	55.193	ug/l	100
47) Bromodichloromethane	6.426	83	332266	52.483	ug/l	100
48) Methyl methacrylate	6.294	41	179945	53.835	ug/l	100
49) 1,4-Dioxane	6.288	88	81201	1135.410	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	1234456	240.137	ug/l	100
52) Toluene	7.307	92	560394	62.920	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	329322	58.880	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	341514	56.129	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	211658	50.189	ug/l	100
56) Ethyl methacrylate	7.715	69	314466	63.072	ug/l	100
57) 1,3-Dichloropropane	7.934	76	334389	51.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	724369	289.635	ug/l	100
59) 2-Hexanone	8.063	43	956732	256.899	ug/l	100
60) Dibromochloromethane	8.169	129	281410	53.945	ug/l	100
61) 1,2-Dibromoethane	8.275	107	235110	55.334	ug/l	100
64) Tetrachloroethene	7.895	164	220346	61.515	ug/l	100
65) Chlorobenzene	8.805	112	650792	56.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	242908	53.489	ug/l	100
67) Ethyl Benzene	8.937	91	1099730	63.704	ug/l	100
68) m/p-Xylenes	9.063	106	885883	132.954	ug/l	100
69) o-Xylene	9.468	106	414124	65.944	ug/l	100
70) Styrene	9.487	104	739287	65.971	ug/l	100
71) Bromoform	9.654	173	212964	55.672	ug/l #	100
73) Isopropylbenzene	9.857	105	1154351	59.987	ug/l	100
74) N-amyl acetate	9.725	43	347278	53.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.169	83	327051	41.420	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	266619	45.676	ug/l	100
77) Bromobenzene	10.140	156	290006	55.996	ug/l	100
78) n-propylbenzene	10.278	91	1339770	59.413	ug/l	100
79) 2-Chlorotoluene	10.349	91	784538	56.897	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1027657	62.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	119609	51.381	ug/l	100
82) 4-Chlorotoluene	10.461	91	943793	58.402	ug/l	100
83) tert-Butylbenzene	10.789	119	1028579	59.368	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1020783	63.178	ug/l	100
85) sec-Butylbenzene	11.014	105	1299841	59.719	ug/l	100
86) p-Isopropyltoluene	11.169	119	1151919	60.498	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	571713	53.343	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	582090	50.158	ug/l	100
89) n-Butylbenzene	11.580	91	1028485	59.078	ug/l	100
90) Hexachloroethane	11.821	117	216590	49.066	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	547895	54.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	89980	50.958	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	382450	59.207	ug/l	100
94) Hexachlorobutadiene	13.371	225	184688	54.019	ug/l	100
95) Naphthalene	13.426	128	1267848	62.659	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	394545	59.707	ug/l	100

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

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