

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039286.D
 Acq On : 07 Oct 2025 11:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 08 04:42:40 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	740677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1137525	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1093562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	625297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	488198	46.386	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.780%
35) Dibromofluoromethane	4.500	113	428600	47.819	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.640%
50) Toluene-d8	7.236	98	1539340	50.485	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	9.998	95	566407	52.159	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	443023	47.323	ug/l	100
3) Chloromethane	1.230	50	435874	44.721	ug/l	100
4) Vinyl Chloride	1.298	62	493417	44.374	ug/l	100
5) Bromomethane	1.494	94	312191	43.273	ug/l	100
6) Chloroethane	1.558	64	310524	50.611	ug/l	100
7) Trichlorofluoromethane	1.725	101	734860	43.261	ug/l	100
8) Diethyl Ether	1.918	74	267132	43.517	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	442207	43.475	ug/l	100
10) Methyl Iodide	2.198	142	471195	53.768	ug/l	100
11) Tert butyl alcohol	2.571	59	442966	217.179	ug/l	100
12) 1,1-Dichloroethene	2.082	96	421677	42.222	ug/l	100
13) Acrolein	2.008	56	278306	235.571	ug/l	100
14) Allyl chloride	2.359	41	689035	43.522	ug/l	100
15) Acrylonitrile	2.674	53	1273054	210.469	ug/l	100
16) Acetone	2.117	43	1256942	257.316	ug/l	100
17) Carbon Disulfide	2.252	76	1176778	41.716	ug/l	100
18) Methyl Acetate	2.378	43	613033	44.951	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1332092	44.314	ug/l	100
20) Methylene Chloride	2.455	84	464083	49.670	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	438618	41.712	ug/l	100
22) Diisopropyl ether	3.217	45	1318892	46.400	ug/l	100
23) Vinyl Acetate	3.188	43	5764450	231.003	ug/l	100
24) 1,1-Dichloroethane	3.117	63	808699	42.467	ug/l	100
25) 2-Butanone	3.867	43	1580057	246.195	ug/l	100
26) 2,2-Dichloropropane	3.812	77	677781	44.190	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	486141	46.173	ug/l	100
28) Bromochloromethane	4.146	49	363013	43.620	ug/l	100
29) Tetrahydrofuran	4.236	42	995120	241.876	ug/l	100
30) Chloroform	4.278	83	829923	42.736	ug/l	100
31) Cyclohexane	4.584	56	645772	46.558	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	741951	43.698	ug/l	100
36) 1,1-Dichloropropene	4.744	75	539826	47.953	ug/l	100
37) Ethyl Acetate	3.976	43	593418	45.175	ug/l	100
38) Carbon Tetrachloride	4.735	117	632245	44.309	ug/l	100
39) Methylcyclohexane	6.047	83	669190	52.013	ug/l	100
40) Benzene	5.008	78	1732886	47.972	ug/l	100

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41) Methacrylonitrile	4.162	41	273424	48.559	ug/l	100
42) 1,2-Dichloroethane	5.040	62	570110	44.969	ug/l	100
43) Isopropyl Acetate	5.194	43	876691	48.837	ug/l	100
44) Trichloroethene	5.831	130	428718	47.195	ug/l	100
45) 1,2-Dichloropropane	6.088	63	432860	49.244	ug/l	100
46) Dibromomethane	6.223	93	331656	45.141	ug/l	100
47) Bromodichloromethane	6.426	83	662775	45.783	ug/l	100
48) Methyl methacrylate	6.297	41	415059	51.925	ug/l	100
49) 1,4-Dioxane	6.291	88	132823	998.879	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	3092633	258.354	ug/l	100
52) Toluene	7.307	92	1104357	50.633	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	638831	50.493	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	707649	50.309	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	454676	46.167	ug/l	100
56) Ethyl methacrylate	7.715	69	628899	57.196	ug/l	100
57) 1,3-Dichloropropane	7.934	76	723830	48.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1696282	251.146	ug/l	100
59) 2-Hexanone	8.063	43	2355430	268.024	ug/l	100
60) Dibromochloromethane	8.169	129	533708	46.348	ug/l	100
61) 1,2-Dibromoethane	8.271	107	485299	47.323	ug/l	100
64) Tetrachloroethene	7.895	164	375765	47.105	ug/l	100
65) Chlorobenzene	8.805	112	1220837	47.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	445040	45.895	ug/l	100
67) Ethyl Benzene	8.937	91	2040911	53.520	ug/l	100
68) m/p-Xylenes	9.062	106	1670888	110.475	ug/l	100
69) o-Xylene	9.468	106	745603	55.823	ug/l	100
70) Styrene	9.484	104	1375448	57.875	ug/l	100
71) Bromoform	9.654	173	371541	47.379	ug/l #	100
73) Isopropylbenzene	9.857	105	2026988	53.383	ug/l	100
74) N-amyl acetate	9.725	43	800323	50.776	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	737774	42.309	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	557918	44.704	ug/l	100
77) Bromobenzene	10.140	156	511049	48.959	ug/l	100
78) n-propylbenzene	10.278	91	2457311	53.335	ug/l	100
79) 2-Chlorotoluene	10.345	91	1475472	51.870	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1751408	54.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	251705	50.935	ug/l	100
82) 4-Chlorotoluene	10.461	91	1748616	53.481	ug/l	100
83) tert-Butylbenzene	10.789	119	1659866	52.491	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1742653	55.586	ug/l	100
85) sec-Butylbenzene	11.011	105	2167600	54.215	ug/l	100
86) p-Isopropyltoluene	11.165	119	1855256	53.970	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1008275	48.428	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1058637	45.109	ug/l	100
89) n-Butylbenzene	11.580	91	1740657	54.374	ug/l	100
90) Hexachloroethane	11.818	117	371889	43.751	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	947801	47.855	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	156001	43.509	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	579179	52.434	ug/l	100
94) Hexachlorobutadiene	13.368	225	251863	45.029	ug/l	100
95) Naphthalene	13.422	128	2054704	56.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	597768	52.069	ug/l	100

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

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