

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038943.D
 Acq On : 11 Aug 2025 15:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 01:50:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	555774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	851975	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	809623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	486359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	369335	46.209	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.420%
35) Dibromofluoromethane	4.494	113	317523	49.126	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.260%
50) Toluene-d8	7.233	98	1122029	50.124	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	9.998	95	422336	52.387	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	187652	50.183	ug/l	99
3) Chloromethane	1.230	50	170068	47.667	ug/l	100
4) Vinyl Chloride	1.294	62	217074	49.515	ug/l	96
5) Bromomethane	1.487	94	156954	45.672	ug/l	94
6) Chloroethane	1.555	64	151092	47.916	ug/l	94
7) Trichlorofluoromethane	1.722	101	402550	46.367	ug/l	99
8) Diethyl Ether	1.915	74	130270	40.239	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	212635	38.340	ug/l	97
10) Methyl Iodide	2.191	142	240902	45.590	ug/l	96
11) Tert butyl alcohol	2.568	59	313699	232.064	ug/l	99
12) 1,1-Dichloroethene	2.079	96	179983	39.158	ug/l	97
13) Acrolein	2.005	56	165326	158.911	ug/l	97
14) Allyl chloride	2.355	41	279068	34.719	ug/l	94
15) Acrylonitrile	2.671	53	847107	237.366	ug/l	99
16) Acetone	2.114	43	402862	140.416	ug/l	99
17) Carbon Disulfide	2.249	76	258111	34.776	ug/l	98
18) Methyl Acetate	2.375	43	425905	41.400	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	931940	49.277	ug/l	99
20) Methylene Chloride	2.452	84	227928	34.524	ug/l	95
21) trans-1,2-Dichloroethene	2.696	96	231201	46.279	ug/l	97
22) Diisopropyl ether	3.211	45	875602	53.869	ug/l	94
23) Vinyl Acetate	3.185	43	3159119	261.634	ug/l	99
24) 1,1-Dichloroethane	3.114	63	514610	49.366	ug/l	99
25) 2-Butanone	3.860	43	976140	268.151	ug/l	99
26) 2,2-Dichloropropane	3.806	77	451721	48.904	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	304800	50.881	ug/l	100
28) Bromochloromethane	4.140	49	162433	46.387	ug/l	96
29) Tetrahydrofuran	4.230	42	636224	266.944	ug/l	98
30) Chloroform	4.272	83	555705	48.992	ug/l	100
31) Cyclohexane	4.577	56	308998	48.122	ug/l	97
32) 1,1,1-Trichloroethane	4.506	97	482841	49.494	ug/l	99
36) 1,1-Dichloropropene	4.741	75	300097	52.221	ug/l	98
37) Ethyl Acetate	3.970	43	360996	47.416	ug/l	98
38) Carbon Tetrachloride	4.728	117	384427	50.646	ug/l	99
39) Methylcyclohexane	6.043	83	337178	54.059	ug/l	99
40) Benzene	5.005	78	1019870	53.672	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	181795	59.044	ug/l	99
42) 1,2-Dichloroethane	5.034	62	371896	50.477	ug/l	99
43) Isopropyl Acetate	5.188	43	578460	54.688	ug/l	98
44) Trichloroethene	5.828	130	258209	50.989	ug/l	92
45) 1,2-Dichloropropane	6.085	63	278653	52.620	ug/l	99
46) Dibromomethane	6.220	93	209562	53.458	ug/l	98
47) Bromodichloromethane	6.423	83	454852	52.226	ug/l	97
48) Methyl methacrylate	6.294	41	273392	58.370	ug/l	100
49) 1,4-Dioxane	6.285	88	104570	1071.173	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2119654	289.294	ug/l	99
52) Toluene	7.304	92	683343	57.078	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	425115	55.795	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	450668	54.179	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	309521	52.832	ug/l	98
56) Ethyl methacrylate	7.712	69	429551	62.589	ug/l	98
57) 1,3-Dichloropropane	7.931	76	487908	54.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	911412	265.124	ug/l	99
59) 2-Hexanone	8.059	43	1578780	298.517	ug/l	99
60) Dibromochloromethane	8.165	129	370759	51.681	ug/l	99
61) 1,2-Dibromoethane	8.272	107	317237	54.547	ug/l	99
64) Tetrachloroethene	7.892	164	240967	50.712	ug/l	95
65) Chlorobenzene	8.802	112	813127	51.377	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	315240	50.640	ug/l	99
67) Ethyl Benzene	8.934	91	1318178	56.705	ug/l	100
68) m/p-Xylenes	9.059	106	1060898	118.417	ug/l	99
69) o-Xylene	9.468	106	499192	59.255	ug/l	98
70) Styrene	9.484	104	924795	60.972	ug/l	99
71) Bromoform	9.651	173	270822	51.770	ug/l #	99
73) Isopropylbenzene	9.854	105	1411511	55.602	ug/l	100
74) N-amyl acetate	9.722	43	520504	58.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	517834	47.709	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	395911	49.822	ug/l	99
77) Bromobenzene	10.140	156	352972	51.795	ug/l	97
78) n-propylbenzene	10.275	91	1709704	57.090	ug/l	99
79) 2-Chlorotoluene	10.345	91	1025885	55.811	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1240699	57.926	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	172060	54.210	ug/l	97
82) 4-Chlorotoluene	10.461	91	1209633	56.268	ug/l	100
83) tert-Butylbenzene	10.789	119	1233685	54.070	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1242778	58.464	ug/l	98
85) sec-Butylbenzene	11.011	105	1644606	57.043	ug/l	99
86) p-Isopropyltoluene	11.165	119	1390088	55.348	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	712376	50.009	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	738835	47.670	ug/l	98
89) n-Butylbenzene	11.580	91	1342988	57.842	ug/l	99
90) Hexachloroethane	11.821	117	286493	48.357	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	685229	50.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114797	48.612	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	445586	52.466	ug/l	98
94) Hexachlorobutadiene	13.368	225	206114	45.929	ug/l	99
95) Naphthalene	13.423	128	1545263	57.984	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	465693	53.582	ug/l	99

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

