

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038936.D
 Acq On : 11 Aug 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 01:43:20 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	519702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	799523	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	768130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467269	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	342797	45.866	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.740%
35) Dibromofluoromethane	4.494	113	294487	48.551	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.100%
50) Toluene-d8	7.233	98	1050599	50.012	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	9.998	95	387547	51.225	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.460%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.118	85	180145	51.520	ug/l	100
3) Chloromethane	1.227	50	159449	47.793	ug/l	99
4) Vinyl Chloride	1.294	62	202165	49.315	ug/l	98
5) Bromomethane	1.487	94	151516	47.149	ug/l	98
6) Chloroethane	1.552	64	146981	49.847	ug/l	97
7) Trichlorofluoromethane	1.722	101	406534	50.076	ug/l	97
8) Diethyl Ether	1.915	74	146161	48.281	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.076	101	257278	49.609	ug/l	98
10) Methyl Iodide	2.191	142	288606	58.409	ug/l	99
11) Tert butyl alcohol	2.568	59	306189	242.230	ug/l	99
12) 1,1-Dichloroethene	2.079	96	209625	48.772	ug/l	99
13) Acrolein	2.005	56	210685	216.566	ug/l	99
14) Allyl chloride	2.352	41	371745	49.460	ug/l	98
15) Acrylonitrile	2.671	53	811692	243.229	ug/l	100
16) Acetone	2.114	43	654922	244.114	ug/l	98
17) Carbon Disulfide	2.246	76	346866	49.977	ug/l	99
18) Methyl Acetate	2.375	43	571992	59.460	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	879228	49.717	ug/l	100
20) Methylene Chloride	2.452	84	265695	43.038	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	225377	48.244	ug/l	99
22) Diisopropyl ether	3.211	45	810808	53.345	ug/l	94
23) Vinyl Acetate	3.185	43	2900799	256.915	ug/l	100
24) 1,1-Dichloroethane	3.111	63	480807	49.325	ug/l	97
25) 2-Butanone	3.860	43	938103	275.589	ug/l	97
26) 2,2-Dichloropropane	3.806	77	426204	49.344	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	278066	49.640	ug/l	99
28) Bromochloromethane	4.140	49	150398	45.931	ug/l	98
29) Tetrahydrofuran	4.233	42	605337	271.614	ug/l	100
30) Chloroform	4.272	83	535624	50.500	ug/l	98
31) Cyclohexane	4.580	56	283739	47.256	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	460682	50.500	ug/l	99
36) 1,1-Dichloropropene	4.738	75	280856	52.079	ug/l	98
37) Ethyl Acetate	3.970	43	341369	47.779	ug/l	98
38) Carbon Tetrachloride	4.732	117	382011	53.629	ug/l	96
39) Methylcyclohexane	6.043	83	313857	53.621	ug/l	96
40) Benzene	5.005	78	971447	54.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	168853	58.438	ug/l	97
42) 1,2-Dichloroethane	5.034	62	366147	52.957	ug/l	100
43) Isopropyl Acetate	5.188	43	549963	55.404	ug/l	98
44) Trichloroethene	5.828	130	248454	52.282	ug/l	93
45) 1,2-Dichloropropane	6.085	63	266856	53.698	ug/l	99
46) Dibromomethane	6.220	93	202218	54.969	ug/l	98
47) Bromodichloromethane	6.423	83	434636	53.179	ug/l	95
48) Methyl methacrylate	6.294	41	256288	58.308	ug/l	98
49) 1,4-Dioxane	6.285	88	102642	1120.401	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	2036905	296.239	ug/l	99
52) Toluene	7.307	92	650961	57.940	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	400369	55.995	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	426225	54.602	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	301787	54.891	ug/l	99
56) Ethyl methacrylate	7.715	69	408034	63.355	ug/l	99
57) 1,3-Dichloropropane	7.931	76	471291	56.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	888765	275.497	ug/l	100
59) 2-Hexanone	8.063	43	1519535	306.164	ug/l	100
60) Dibromochloromethane	8.165	129	365247	54.253	ug/l	99
61) 1,2-Dibromoethane	8.272	107	306988	56.247	ug/l	99
64) Tetrachloroethene	7.895	164	232454	51.563	ug/l	96
65) Chlorobenzene	8.802	112	779309	51.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	302528	51.223	ug/l	99
67) Ethyl Benzene	8.934	91	1261954	57.219	ug/l	99
68) m/p-Xylenes	9.059	106	1027419	120.875	ug/l	100
69) o-Xylene	9.468	106	474240	59.334	ug/l	97
70) Styrene	9.484	104	897175	62.346	ug/l	99
71) Bromoform	9.654	173	265164	53.427	ug/l #	99
73) Isopropylbenzene	9.857	105	1355515	55.578	ug/l	99
74) N-amyl acetate	9.725	43	484495	56.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	507716	48.688	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	381313	49.945	ug/l	99
77) Bromobenzene	10.140	156	337593	51.562	ug/l	98
78) n-propylbenzene	10.278	91	1663619	57.821	ug/l	98
79) 2-Chlorotoluene	10.345	91	975651	55.247	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1200374	58.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	164164	53.835	ug/l	98
82) 4-Chlorotoluene	10.461	91	1167294	56.517	ug/l	99
83) tert-Butylbenzene	10.789	119	1191238	54.342	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1199650	58.741	ug/l	100
85) sec-Butylbenzene	11.011	105	1565350	56.513	ug/l	100
86) p-Isopropyltoluene	11.165	119	1333439	55.262	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	698843	51.063	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	729595	48.997	ug/l	99
89) n-Butylbenzene	11.580	91	1276640	57.231	ug/l	99
90) Hexachloroethane	11.821	117	283335	49.778	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	666021	51.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	112560	49.612	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	430162	52.719	ug/l	100
94) Hexachlorobutadiene	13.368	225	203963	47.307	ug/l	99
95) Naphthalene	13.423	128	1462327	57.114	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	443143	53.071	ug/l	99

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

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