

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038982.D
 Acq On : 21 Aug 2025 15:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 04:31:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	531490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	833989	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	788137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	452177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	357200	47.897	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	95.800%		
35) Dibromofluoromethane	4.497	113	306725	49.041	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	98.080%		
50) Toluene-d8	7.233	98	1069148	49.022	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	10.001	95	405262	50.794	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	101.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	342476	43.105	ug/l	98
3) Chloromethane	1.227	50	356758	43.471	ug/l	99
4) Vinyl Chloride	1.294	62	380696	43.963	ug/l	99
5) Bromomethane	1.490	94	230805	49.319	ug/l	100
6) Chloroethane	1.558	64	207618	47.051	ug/l	98
7) Trichlorofluoromethane	1.722	101	549850	46.350	ug/l	99
8) Diethyl Ether	1.915	74	178116	48.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	294382	44.957	ug/l	99
10) Methyl Iodide	2.195	142	403340	49.509	ug/l	99
11) Tert butyl alcohol	2.561	59	281494	278.878	ug/l	98
12) 1,1-Dichloroethene	2.079	96	285119	47.267	ug/l	97
13) Acrolein	2.008	56	77199	234.958	ug/l	97
14) Allyl chloride	2.355	41	489815	60.818	ug/l	92
15) Acrylonitrile	2.670	53	885873	290.406	ug/l	100
16) Acetone	2.114	43	735795	245.822	ug/l	99
17) Carbon Disulfide	2.249	76	822910	49.049	ug/l	99
18) Methyl Acetate	2.375	43	398423	62.800	ug/l	94
19) Methyl tert-butyl Ether	2.706	73	1021253	57.258	ug/l	95
20) Methylene Chloride	2.455	84	366778	52.729	ug/l	91
21) trans-1,2-Dichloroethene	2.699	96	340758	54.238	ug/l	97
22) Diisopropyl ether	3.207	45	992852	56.148	ug/l	98
23) Vinyl Acetate	3.182	43	4090814	288.321	ug/l	96
24) 1,1-Dichloroethane	3.114	63	591902	50.533	ug/l	98
25) 2-Butanone	3.854	43	1105805	283.941	ug/l	98
26) 2,2-Dichloropropane	3.809	77	543775	48.394	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	381524	50.313	ug/l	97
28) Bromochloromethane	4.143	49	143149	56.970	ug/l	89
29) Tetrahydrofuran	4.227	42	719082	276.602	ug/l	92
30) Chloroform	4.275	83	638184	47.678	ug/l	100
31) Cyclohexane	4.580	56	509568	48.759	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	572373	45.515	ug/l	98
36) 1,1-Dichloropropene	4.741	75	408356	50.275	ug/l	98
37) Ethyl Acetate	3.966	43	428871	54.042	ug/l	97
38) Carbon Tetrachloride	4.731	117	500656	46.028	ug/l	97
39) Methylcyclohexane	6.046	83	555661	53.539	ug/l	96
40) Benzene	5.005	78	1310064	51.495	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.149	41	189119	63.242	ug/l	94
42) 1,2-Dichloroethane	5.037	62	447547	48.120	ug/l	99
43) Isopropyl Acetate	5.185	43	674425	55.696	ug/l	96
44) Trichloroethene	5.828	130	334828	48.520	ug/l	95
45) 1,2-Dichloropropane	6.085	63	324387	53.167	ug/l	99
46) Dibromomethane	6.223	93	246649	48.177	ug/l	97
47) Bromodichloromethane	6.423	83	497504	47.749	ug/l	98
48) Methyl methacrylate	6.291	41	316869	58.377	ug/l	93
49) 1,4-Dioxane	6.284	88	105683	1164.421	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	2270370	285.555	ug/l	98
52) Toluene	7.307	92	846141	52.516	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	503846	51.728	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	536147	53.126	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	345555	49.189	ug/l	99
56) Ethyl methacrylate	7.712	69	489047	46.056	ug/l	99
57) 1,3-Dichloropropane	7.931	76	551282	50.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.808	63	1345575	270.565	ug/l	96
59) 2-Hexanone	8.059	43	1690220	224.805	ug/l	99
60) Dibromochloromethane	8.165	129	398227	46.946	ug/l	98
61) 1,2-Dibromoethane	8.271	107	363766	49.912	ug/l	99
64) Tetrachloroethene	7.895	164	297008	50.645	ug/l	100
65) Chlorobenzene	8.802	112	940992	49.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	334726	49.069	ug/l	99
67) Ethyl Benzene	8.934	91	1597667	55.074	ug/l	100
68) m/p-Xylenes	9.062	106	1282293	113.815	ug/l	100
69) o-Xylene	9.468	106	590206	57.475	ug/l	99
70) Styrene	9.484	104	1059046	60.112	ug/l	100
71) Bromoform	9.654	173	280545	49.915	ug/l #	99
73) Isopropylbenzene	9.853	105	1622391	53.470	ug/l	100
74) N-amyl acetate	9.722	43	607714	54.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	543269	45.083	ug/l	97
76) 1,2,3-Trichloropropane	10.197	75	400812	47.788	ug/l	96
77) Bromobenzene	10.140	156	389490	49.961	ug/l	99
78) n-propylbenzene	10.278	91	1960269	54.110	ug/l	99
79) 2-Chlorotoluene	10.349	91	1156919	53.188	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1400151	54.833	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	190242	52.076	ug/l	96
82) 4-Chlorotoluene	10.461	91	1373621	54.791	ug/l	100
83) tert-Butylbenzene	10.789	119	1373358	54.165	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1398463	57.229	ug/l	99
85) sec-Butylbenzene	11.011	105	1813510	54.997	ug/l	100
86) p-Isopropyltoluene	11.165	119	1540958	55.491	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	780470	50.700	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	792148	48.240	ug/l	98
89) n-Butylbenzene	11.580	91	1480179	54.710	ug/l	99
90) Hexachloroethane	11.818	117	301675	47.007	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	738684	50.324	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	115589	49.320	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	473764	54.087	ug/l	99
94) Hexachlorobutadiene	13.368	225	215797	47.789	ug/l	99
95) Naphthalene	13.422	128	1616722	58.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	485913	55.016	ug/l	100

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

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