

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039196.D
 Acq On : 25 Sep 2025 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 01:39:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	623105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	991701	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	932595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	544600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	379050	42.032	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	84.060%		
35) Dibromofluoromethane	4.500	113	368384	46.207	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	92.420%		
50) Toluene-d8	7.236	98	1066367	45.542	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	91.080%		
62) 4-Bromofluorobenzene	10.002	95	492716	51.115	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	102.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	435024	44.103	ug/l	97
3) Chloromethane	1.230	50	460582	43.497	ug/l	100
4) Vinyl Chloride	1.298	62	517484	45.649	ug/l	100
5) Bromomethane	1.494	94	294933	41.271	ug/l	99
6) Chloroethane	1.558	64	318683	47.574	ug/l	97
7) Trichlorofluoromethane	1.725	101	760801	46.354	ug/l	100
8) Diethyl Ether	1.918	74	287064	47.114	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	450056	46.086	ug/l	98
10) Methyl Iodide	2.198	142	393310	42.293	ug/l	99
11) Tert butyl alcohol	2.571	59	479561	251.603	ug/l	100
12) 1,1-Dichloroethene	2.082	96	443449	47.202	ug/l	93
13) Acrolein	2.011	56	79126	239.243	ug/l	98
14) Allyl chloride	2.359	41	749464	44.660	ug/l	96
15) Acrylonitrile	2.674	53	1397926	228.791	ug/l	99
16) Acetone	2.118	43	1066630	187.253	ug/l	96
17) Carbon Disulfide	2.253	76	1258893	43.815	ug/l	99
18) Methyl Acetate	2.378	43	661808	49.530	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1456084	48.638	ug/l	98
20) Methylene Chloride	2.455	84	512099	52.754	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	468953	46.888	ug/l	97
22) Diisopropyl ether	3.217	45	1477687	46.022	ug/l	99
23) Vinyl Acetate	3.188	43	6386811	227.388	ug/l	98
24) 1,1-Dichloroethane	3.118	63	885855	45.116	ug/l	98
25) 2-Butanone	3.867	43	1669374	231.168	ug/l	96
26) 2,2-Dichloropropane	3.812	77	611309	35.113	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	538999	48.864	ug/l	95
28) Bromochloromethane	4.146	49	407613	47.024	ug/l	91
29) Tetrahydrofuran	4.240	42	1123724	248.606	ug/l	96
30) Chloroform	4.278	83	901772	43.982	ug/l	100
31) Cyclohexane	4.584	56	688247	42.789	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	788516	44.422	ug/l	98
36) 1,1-Dichloropropene	4.744	75	590045	48.952	ug/l	99
37) Ethyl Acetate	3.976	43	666592	45.575	ug/l	97
38) Carbon Tetrachloride	4.735	117	663833	45.063	ug/l	100
39) Methylcyclohexane	6.047	83	696431	47.844	ug/l	99
40) Benzene	5.008	78	1906186	48.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	311846	47.265	ug/l	97
42) 1,2-Dichloroethane	5.040	62	627388	45.618	ug/l	99
43) Isopropyl Acetate	5.195	43	1000677	50.178	ug/l	97
44) Trichloroethene	5.831	130	455735	50.317	ug/l	98
45) 1,2-Dichloropropane	6.088	63	478425	49.039	ug/l	96
46) Dibromomethane	6.224	93	357426	47.867	ug/l	96
47) Bromodichloromethane	6.426	83	715836	46.371	ug/l	97
48) Methyl methacrylate	6.294	41	476404	52.700	ug/l	96
49) 1,4-Dioxane	6.291	88	156591	1073.387	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	3455820	263.407	ug/l	96
52) Toluene	7.307	92	1200478	52.750	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	689380	51.243	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	756919	50.966	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	502913	49.285	ug/l	98
56) Ethyl methacrylate	7.715	69	711368	58.703	ug/l	96
57) 1,3-Dichloropropane	7.934	76	807258	50.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1617004	236.844	ug/l	99
59) 2-Hexanone	8.063	43	2565821	242.356	ug/l	97
60) Dibromochloromethane	8.166	129	558752	48.055	ug/l	100
61) 1,2-Dibromoethane	8.272	107	532627	51.039	ug/l	100
64) Tetrachloroethene	7.895	164	393601	50.389	ug/l	98
65) Chlorobenzene	8.802	112	1305508	50.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	466107	49.659	ug/l	99
67) Ethyl Benzene	8.937	91	2178452	55.401	ug/l	98
68) m/p-Xylenes	9.063	106	1758958	115.899	ug/l	99
69) o-Xylene	9.468	106	802318	59.705	ug/l	97
70) Styrene	9.484	104	1461822	51.321	ug/l	99
71) Bromoform	9.654	173	387515	52.855	ug/l #	100
73) Isopropylbenzene	9.854	105	2135945	54.074	ug/l	100
74) N-amyl acetate	9.725	43	903132	57.321	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.166	83	800806	46.271	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	607717	49.011	ug/l	97
77) Bromobenzene	10.140	156	528374	51.558	ug/l	98
78) n-propylbenzene	10.278	91	2563942	53.303	ug/l	98
79) 2-Chlorotoluene	10.346	91	1551376	53.900	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	1801809	54.880	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	261335	50.597	ug/l	96
82) 4-Chlorotoluene	10.461	91	1831395	54.873	ug/l	99
83) tert-Butylbenzene	10.789	119	1704660	52.069	ug/l	100
84) 1,2,4-Trimethylbenzene	10.838	105	1810927	56.814	ug/l	99
85) sec-Butylbenzene	11.011	105	2232881	51.421	ug/l	99
86) p-Isopropyltoluene	11.165	119	1876856	51.931	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1032063	49.760	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1073549	47.179	ug/l	99
89) n-Butylbenzene	11.580	91	1777212	51.488	ug/l	99
90) Hexachloroethane	11.818	117	370643	41.645	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	976434	50.390	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	166109	53.186	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	580780	52.285	ug/l	100
94) Hexachlorobutadiene	13.368	225	232401	40.265	ug/l	100
95) Naphthalene	13.423	128	2178110	60.667	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	600046	52.817	ug/l	100

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

