

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039166.D
 Acq On : 24 Sep 2025 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 08:25:38 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	4.603	168	590022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	942433	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	898605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	524252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	381629	44.691	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.380%
35) Dibromofluoromethane	4.500	113	368792	48.676	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.360%
50) Toluene-d8	7.236	98	1078465	48.466	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	10.001	95	495377	54.077	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	420739	45.047	ug/l	100
3) Chloromethane	1.230	50	435382	43.422	ug/l	98
4) Vinyl Chloride	1.298	62	497603	46.356	ug/l	99
5) Bromomethane	1.494	94	252283	37.282	ug/l	99
6) Chloroethane	1.558	64	318333	50.406	ug/l	97
7) Trichlorofluoromethane	1.725	101	728189	46.855	ug/l	98
8) Diethyl Ether	1.918	74	274880	47.644	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	433320	46.860	ug/l	98
10) Methyl Iodide	2.198	142	395915	44.960	ug/l	99
11) Tert butyl alcohol	2.571	59	445791	247.000	ug/l	100
12) 1,1-Dichloroethene	2.082	96	421136	47.340	ug/l	95
13) Acrolein	2.011	56	75081	239.742	ug/l	99
14) Allyl chloride	2.359	41	724676	45.604	ug/l	98
15) Acrylonitrile	2.674	53	1316625	227.567	ug/l	99
16) Acetone	2.117	43	1097364	204.771	ug/l	100
17) Carbon Disulfide	2.252	76	1224168	44.995	ug/l	99
18) Methyl Acetate	2.378	43	623767	49.300	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1369534	48.312	ug/l	100
20) Methylene Chloride	2.458	84	482559	52.478	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	441287	46.596	ug/l	99
22) Diisopropyl ether	3.217	45	1430290	47.044	ug/l	99
23) Vinyl Acetate	3.188	43	6120027	230.107	ug/l	98
24) 1,1-Dichloroethane	3.117	63	834822	44.901	ug/l	99
25) 2-Butanone	3.867	43	1606751	234.972	ug/l	96
26) 2,2-Dichloropropane	3.812	77	615365	37.328	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	512130	49.032	ug/l	97
28) Bromochloromethane	4.146	49	408540	49.773	ug/l	94
29) Tetrahydrofuran	4.236	42	1078893	252.071	ug/l	98
30) Chloroform	4.278	83	866922	44.653	ug/l	99
31) Cyclohexane	4.584	56	717888	47.134	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	759830	45.206	ug/l	99
36) 1,1-Dichloropropene	4.744	75	562884	49.140	ug/l	98
37) Ethyl Acetate	3.976	43	639265	45.992	ug/l	98
38) Carbon Tetrachloride	4.735	117	649922	46.425	ug/l	99
39) Methylcyclohexane	6.047	83	760164	54.953	ug/l	98
40) Benzene	5.008	78	1841416	49.367	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	298955	47.663	ug/l	99
42) 1,2-Dichloroethane	5.040	62	605665	46.341	ug/l	99
43) Isopropyl Acetate	5.194	43	972884	51.335	ug/l	98
44) Trichloroethene	5.831	130	443082	51.477	ug/l	98
45) 1,2-Dichloropropane	6.088	63	466412	50.306	ug/l	98
46) Dibromomethane	6.223	93	340238	47.947	ug/l	97
47) Bromodichloromethane	6.426	83	697900	47.573	ug/l	98
48) Methyl methacrylate	6.297	41	459526	53.490	ug/l	97
49) 1,4-Dioxane	6.291	88	161854	1167.463	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	3302013	264.841	ug/l	98
52) Toluene	7.307	92	1152054	53.269	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	672066	52.568	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	731128	51.803	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	468128	48.274	ug/l	98
56) Ethyl methacrylate	7.715	69	674347	58.557	ug/l	96
57) 1,3-Dichloropropane	7.934	76	762291	49.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1398286	216.381	ug/l	99
59) 2-Hexanone	8.063	43	2444906	243.001	ug/l	98
60) Dibromochloromethane	8.169	129	532611	48.202	ug/l	98
61) 1,2-Dibromoethane	8.272	107	499657	50.383	ug/l	100
64) Tetrachloroethene	7.895	164	399259	53.046	ug/l	98
65) Chlorobenzene	8.802	112	1281015	51.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	440269	48.681	ug/l	100
67) Ethyl Benzene	8.937	91	2154520	56.865	ug/l	99
68) m/p-Xylenes	9.062	106	1718495	117.516	ug/l	100
69) o-Xylene	9.468	106	783947	60.545	ug/l	97
70) Styrene	9.484	104	1413541	51.498	ug/l	100
71) Bromoform	9.654	173	358921	50.807	ug/l #	100
73) Isopropylbenzene	9.857	105	2149687	56.535	ug/l	100
74) N-amyl acetate	9.725	43	852690	56.220	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	745417	44.742	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	568427	47.621	ug/l	97
77) Bromobenzene	10.140	156	503838	51.072	ug/l	100
78) n-propylbenzene	10.278	91	2610089	56.368	ug/l	99
79) 2-Chlorotoluene	10.349	91	1526214	55.084	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1823188	57.686	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	239117	48.092	ug/l	100
82) 4-Chlorotoluene	10.461	91	1781468	55.449	ug/l	99
83) tert-Butylbenzene	10.789	119	1744256	55.346	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1821461	59.363	ug/l	100
85) sec-Butylbenzene	11.011	105	2350769	56.237	ug/l	100
86) p-Isopropyltoluene	11.165	119	1957660	56.269	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1006247	50.399	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1035019	47.251	ug/l	99
89) n-Butylbenzene	11.580	91	1876100	56.463	ug/l	99
90) Hexachloroethane	11.818	117	385367	44.980	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	948874	50.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	157643	52.471	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	589836	55.161	ug/l	100
94) Hexachlorobutadiene	13.368	225	261026	46.980	ug/l	99
95) Naphthalene	13.422	128	2092639	60.549	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	600961	54.951	ug/l	99

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

