

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039304.D
 Acq On : 21 Oct 2025 15:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 24 04:49:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	760634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1195945	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1147018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	656771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	493102	45.623	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.240%
35) Dibromofluoromethane	4.500	113	452769	48.048	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.100%
50) Toluene-d8	7.233	98	1550143	48.355	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	9.998	95	619155	54.232	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	428246	44.545	ug/l	99
3) Chloromethane	1.230	50	416250	41.587	ug/l	99
4) Vinyl Chloride	1.298	62	484712	42.448	ug/l	99
5) Bromomethane	1.497	94	306216	41.331	ug/l	99
6) Chloroethane	1.561	64	304054	48.147	ug/l	100
7) Trichlorofluoromethane	1.725	101	735469	42.161	ug/l	98
8) Diethyl Ether	1.918	74	265596	42.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	448837	42.969	ug/l	99
10) Methyl Iodide	2.198	142	451542	50.174	ug/l	99
11) Tert butyl alcohol	2.564	59	320522	153.024	ug/l	100
12) 1,1-Dichloroethene	2.082	96	423993	41.340	ug/l	99
13) Acrolein	2.011	56	82272	62.726	ug/l	100
14) Allyl chloride	2.359	41	683153	42.018	ug/l	99
15) Acrylonitrile	2.674	53	1195883	192.523	ug/l	99
16) Acetone	2.118	43	1118911	221.620	ug/l	99
17) Carbon Disulfide	2.253	76	1129656	38.995	ug/l	100
18) Methyl Acetate	2.378	43	729807	52.109	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1362055	44.122	ug/l	99
20) Methylene Chloride	2.458	84	472759	49.253	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	449254	41.602	ug/l	100
22) Diisopropyl ether	3.214	45	1357427	46.502	ug/l	97
23) Vinyl Acetate	3.188	43	5402142	210.804	ug/l	100
24) 1,1-Dichloroethane	3.117	63	816394	41.746	ug/l	99
25) 2-Butanone	3.860	43	1446234	218.801	ug/l	99
26) 2,2-Dichloropropane	3.812	77	698660	44.356	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	501913	46.421	ug/l	100
28) Bromochloromethane	4.146	49	391610	46.970	ug/l	99
29) Tetrahydrofuran	4.233	42	924002	218.635	ug/l	99
30) Chloroform	4.278	83	848357	42.539	ug/l	99
31) Cyclohexane	4.584	56	654215	45.930	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	742582	42.587	ug/l	99
36) 1,1-Dichloropropene	4.744	75	553803	46.792	ug/l	99
37) Ethyl Acetate	3.973	43	547959	39.547	ug/l	98
38) Carbon Tetrachloride	4.735	117	650671	45.125	ug/l	98
39) Methylcyclohexane	6.047	83	636837	47.080	ug/l	96
40) Benzene	5.008	78	1770951	46.631	ug/l	100

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41) Methacrylonitrile	4.156	41	267224	45.258	ug/l	98
42) 1,2-Dichloroethane	5.037	62	578619	43.411	ug/l	100
43) Isopropyl Acetate	5.191	43	873665	48.162	ug/l	100
44) Trichloroethene	5.828	130	441477	46.226	ug/l	99
45) 1,2-Dichloropropane	6.088	63	441138	47.734	ug/l	100
46) Dibromomethane	6.223	93	333178	43.133	ug/l	96
47) Bromodichloromethane	6.423	83	672252	44.169	ug/l	100
48) Methyl methacrylate	6.294	41	410080	48.796	ug/l	99
49) 1,4-Dioxane	6.288	88	96478	690.109	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	2953922	234.712	ug/l	100
52) Toluene	7.307	92	1135879	49.534	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	662182	49.782	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	725015	49.026	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	465430	44.950	ug/l	98
56) Ethyl methacrylate	7.712	69	652615	55.632	ug/l	99
57) 1,3-Dichloropropane	7.931	76	736305	47.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1791788	252.329	ug/l	99
59) 2-Hexanone	8.063	43	2170485	234.915	ug/l	99
60) Dibromochloromethane	8.166	129	544581	44.982	ug/l	100
61) 1,2-Dibromoethane	8.272	107	493224	45.747	ug/l	99
64) Tetrachloroethene	7.895	164	385040	46.019	ug/l	99
65) Chlorobenzene	8.802	112	1269400	46.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	449714	44.216	ug/l	100
67) Ethyl Benzene	8.934	91	2090364	52.262	ug/l	99
68) m/p-Xylenes	9.059	106	1700680	107.204	ug/l	100
69) o-Xylene	9.468	106	763646	54.509	ug/l	98
70) Styrene	9.484	104	1401313	56.215	ug/l	99
71) Bromoform	9.651	173	375136	45.608	ug/l #	99
73) Isopropylbenzene	9.854	105	2066103	51.805	ug/l	100
74) N-amyl acetate	9.722	43	776540	47.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	714288	39.000	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	520474	39.705	ug/l	99
77) Bromobenzene	10.140	156	526055	47.982	ug/l	99
78) n-propylbenzene	10.275	91	2433168	50.280	ug/l	99
79) 2-Chlorotoluene	10.345	91	1498104	50.142	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1731609	51.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	245120	47.225	ug/l	99
82) 4-Chlorotoluene	10.461	91	1753586	51.063	ug/l	99
83) tert-Butylbenzene	10.789	119	1641800	49.432	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1719529	52.220	ug/l	100
85) sec-Butylbenzene	11.011	105	2025847	48.241	ug/l	100
86) p-Isopropyltoluene	11.165	119	1734283	48.033	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1011614	46.260	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1054482	43.086	ug/l	99
89) n-Butylbenzene	11.577	91	1561275	46.433	ug/l	100
90) Hexachloroethane	11.818	117	340274	38.113	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	962822	46.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	142876	37.939	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	547577	47.197	ug/l	99
94) Hexachlorobutadiene	13.368	225	199572	33.971	ug/l	99
95) Naphthalene	13.423	128	1942421	51.101	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	548961	45.526	ug/l	98

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

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