

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039326.D
 Acq On : 04 Nov 2025 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:42:58 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	620807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	929988	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	910377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	535660	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	425310	48.214	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.420%
35) Dibromofluoromethane	4.500	113	374231	51.071	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.140%
50) Toluene-d8	7.233	98	1358331	54.490	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	108.980%
62) 4-Bromofluorobenzene	9.998	95	493409	55.577	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	111.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	320226	40.811	ug/l	99
3) Chloromethane	1.230	50	337627	41.329	ug/l	100
4) Vinyl Chloride	1.297	62	386998	41.524	ug/l	94
5) Bromomethane	1.497	94	175252	28.982	ug/l	97
6) Chloroethane	1.561	64	263725	51.315	ug/l	98
7) Trichlorofluoromethane	1.725	101	615961	43.263	ug/l	98
8) Diethyl Ether	1.918	74	221388	43.029	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	375262	44.017	ug/l	99
10) Methyl Iodide	2.198	142	254296	34.621	ug/l	98
11) Tert butyl alcohol	2.564	59	315409	184.499	ug/l	100
12) 1,1-Dichloroethene	2.082	96	352297	42.086	ug/l	99
13) Acrolein	2.008	56	147262	146.085	ug/l	99
14) Allyl chloride	2.359	41	564223	42.520	ug/l	99
15) Acrylonitrile	2.674	53	1049847	207.081	ug/l	100
16) Acetone	2.117	43	910169	220.843	ug/l	100
17) Carbon Disulfide	2.252	76	1023610	43.293	ug/l	99
18) Methyl Acetate	2.378	43	448255	39.215	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1126703	44.719	ug/l	100
20) Methylene Chloride	2.458	84	406878	52.063	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	383121	43.469	ug/l	99
22) Diisopropyl ether	3.214	45	1131094	47.476	ug/l	88
23) Vinyl Acetate	3.188	43	4924977	235.471	ug/l	100
24) 1,1-Dichloroethane	3.117	63	686326	43.000	ug/l	99
25) 2-Butanone	3.863	43	1235509	229.021	ug/l	98
26) 2,2-Dichloropropane	3.812	77	544245	42.335	ug/l	98
27) cis-1,2-Dichloroethene	3.821	96	413908	46.903	ug/l	99
28) Bromochloromethane	4.146	49	247606	36.387	ug/l	100
29) Tetrahydrofuran	4.233	42	799846	231.885	ug/l	99
30) Chloroform	4.278	83	730847	44.901	ug/l	99
31) Cyclohexane	4.587	56	544822	46.865	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	636387	44.717	ug/l	98
36) 1,1-Dichloropropene	4.744	75	469464	51.009	ug/l	99
37) Ethyl Acetate	3.973	43	500836	46.483	ug/l	97
38) Carbon Tetrachloride	4.735	117	545851	48.681	ug/l	97
39) Methylcyclohexane	6.046	83	549639	52.254	ug/l	98
40) Benzene	5.008	78	1496612	50.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	217339	47.259	ug/l	97
42) 1,2-Dichloroethane	5.040	62	487872	47.070	ug/l	100
43) Isopropyl Acetate	5.191	43	719768	51.025	ug/l	100
44) Trichloroethene	5.831	130	367023	49.420	ug/l	99
45) 1,2-Dichloropropane	6.088	63	369823	51.462	ug/l	100
46) Dibromomethane	6.223	93	285277	47.493	ug/l	98
47) Bromodichloromethane	6.426	83	571923	48.323	ug/l	99
48) Methyl methacrylate	6.297	41	343217	52.519	ug/l	99
49) 1,4-Dioxane	6.288	88	105025	966.086	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	2539398	259.478	ug/l	99
52) Toluene	7.307	92	957278	53.684	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	538120	52.024	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	593862	51.641	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	390360	48.481	ug/l	98
56) Ethyl methacrylate	7.715	69	512149	56.143	ug/l	99
57) 1,3-Dichloropropane	7.934	76	621006	51.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	934700	172.060	ug/l	100
59) 2-Hexanone	8.062	43	1895759	263.858	ug/l	99
60) Dibromochloromethane	8.165	129	453811	48.204	ug/l	99
61) 1,2-Dibromoethane	8.271	107	424386	50.619	ug/l	98
64) Tetrachloroethene	7.895	164	341930	51.489	ug/l	98
65) Chlorobenzene	8.802	112	1051822	48.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	382514	47.384	ug/l	99
67) Ethyl Benzene	8.934	91	1731964	54.557	ug/l	98
68) m/p-Xylenes	9.059	106	1428090	113.421	ug/l	99
69) o-Xylene	9.468	106	625864	56.287	ug/l	98
70) Styrene	9.484	104	1190961	60.196	ug/l	99
71) Bromoform	9.654	173	315692	48.357	ug/l #	99
73) Isopropylbenzene	9.853	105	1726356	53.073	ug/l	99
74) N-amyl acetate	9.722	43	665207	49.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	624696	41.820	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	471564	44.108	ug/l	97
77) Bromobenzene	10.140	156	442236	49.456	ug/l	99
78) n-propylbenzene	10.275	91	2110200	53.465	ug/l	100
79) 2-Chlorotoluene	10.345	91	1268728	52.065	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1502249	55.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	187864	44.378	ug/l	98
82) 4-Chlorotoluene	10.461	91	1508975	53.875	ug/l	99
83) tert-Butylbenzene	10.789	119	1388375	51.253	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1490441	55.497	ug/l	99
85) sec-Butylbenzene	11.011	105	1815144	52.997	ug/l	100
86) p-Isopropyltoluene	11.165	119	1542595	52.383	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	879226	49.296	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	915557	45.868	ug/l	99
89) n-Butylbenzene	11.580	91	1434160	52.296	ug/l	100
90) Hexachloroethane	11.818	117	301440	41.397	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	824088	48.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	125658	40.911	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	477712	50.485	ug/l	100
94) Hexachlorobutadiene	13.368	225	194864	40.669	ug/l	100
95) Naphthalene	13.422	128	1624968	52.415	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	491637	49.990	ug/l	99

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

