

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048670.D
 Acq On : 24 Nov 2025 17:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 26 00:28:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2025
 Supervised By : Mahesh Dadoda 11/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	144280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	232344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112829	56.122	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.240%			
35) Dibromofluoromethane	5.373	113	89645	50.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.635	98	279384	50.940	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.880%			
62) 4-Bromofluorobenzene	11.061	95	112743	55.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	57773	49.416	ug/l	100
3) Chloromethane	1.300	50	71373	46.028	ug/l	99
4) Vinyl Chloride	1.380	62	74928	42.678	ug/l	99
5) Bromomethane	1.611	94	51067	46.064	ug/l	95
6) Chloroethane	1.691	64	50456	43.884	ug/l	97
7) Trichlorofluoromethane	1.898	101	128892	46.405	ug/l	99
8) Diethyl Ether	2.136	74	51883	46.535	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	75793	47.136	ug/l	96
10) Methyl Iodide	2.453	142	100467	42.219	ug/l	97
11) Tert butyl alcohol	2.940	59	102379	268.745	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74044	44.085	ug/l	99
13) Acrolein	2.239	56	16634	301.785	ug/l	97
14) Allyl chloride	2.666	41	151215	48.356	ug/l	94
15) Acrylonitrile	3.056	53	305664	274.856	ug/l	99
16) Acetone	2.373	43	271330	285.117	ug/l	97
17) Carbon Disulfide	2.514	76	173832	36.780	ug/l	99
18) Methyl Acetate	2.697	43	147679	56.469	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	318423	53.687	ug/l	98
20) Methylene Chloride	2.788	84	94280	48.188	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	81716	45.905	ug/l	95
22) Diisopropyl ether	3.751	45	325107	54.143	ug/l	96
23) Vinyl Acetate	3.715	43	1421177	270.240	ug/l	99
24) 1,1-Dichloroethane	3.605	63	173274	52.590	ug/l	98
25) 2-Butanone	4.538	43	370830	263.412	ug/l	100
26) 2,2-Dichloropropane	4.465	77	131647	46.868	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	107671	49.483	ug/l	97
28) Bromochloromethane	4.885	49	77023	47.587	ug/l	93
29) Tetrahydrofuran	4.989	42	237087	236.127	ug/l	94
30) Chloroform	5.080	83	173991	51.152	ug/l	99
31) Cyclohexane	5.458	56	115948	42.950	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	150493	50.697	ug/l	98
36) 1,1-Dichloropropene	5.684	75	109165	46.360	ug/l	99
37) Ethyl Acetate	4.696	43	162365	48.984	ug/l	99
38) Carbon Tetrachloride	5.666	117	131286	48.978	ug/l	99
39) Methylcyclohexane	7.366	83	118830	44.944	ug/l	96
40) Benzene	6.025	78	367576	50.358	ug/l	98

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41) Methacrylonitrile	4.904	41	72293	49.595	ug/l	96
42) 1,2-Dichloroethane	6.074	62	138023	55.189	ug/l	99
43) Isopropyl Acetate	6.324	43	249731	53.598	ug/l	100
44) Trichloroethene	7.110	130	89189	51.120	ug/l	95
45) 1,2-Dichloropropane	7.415	63	93656	55.804	ug/l	98
46) Dibromomethane	7.568	93	71714	58.585	ug/l	98
47) Bromodichloromethane	7.805	83	148134	60.660	ug/l	98
48) Methyl methacrylate	7.677	41	123339	59.548	ug/l	97
49) 1,4-Dioxane	7.647	88	36175	1146.203	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	830030	312.953	ug/l	100
52) Toluene	8.702	92	222427	57.880	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	149581	59.445	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	157459	60.433	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	97479	63.489	ug/l	98
56) Ethyl methacrylate	9.104	69	160372	62.782	ug/l	98
57) 1,3-Dichloropropane	9.293	76	162176	60.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	415503	302.548	ug/l	100
59) 2-Hexanone	9.415	43	622655	315.604	ug/l	98
60) Dibromochloromethane	9.506	129	120105	63.713	ug/l	97
61) 1,2-Dibromoethane	9.592	107	102881	61.866	ug/l	99
64) Tetrachloroethene	9.256	164	75181	47.156	ug/l	98
65) Chlorobenzene	10.061	112	256408	49.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	94848	54.333	ug/l	99
67) Ethyl Benzene	10.177	91	425206	48.602	ug/l	98
68) m/p-Xylenes	10.287	106	327776	99.477	ug/l	97
69) o-Xylene	10.628	106	160432	49.765	ug/l	98
70) Styrene	10.640	104	281792	52.108	ug/l	99
71) Bromoform	10.780	173	85523	53.103	ug/l #	99
73) Isopropylbenzene	10.945	105	406992	46.765	ug/l	99
74) N-amyl acetate	10.823	43	209518	47.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	152892	49.816	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	138605m	47.985	ug/l	
77) Bromobenzene	11.183	156	106979	47.603	ug/l	99
78) n-propylbenzene	11.287	91	472930	46.215	ug/l	100
79) 2-Chlorotoluene	11.347	91	289283	46.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	331817	46.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	49568	49.084	ug/l	94
82) 4-Chlorotoluene	11.439	91	338171	46.622	ug/l	99
83) tert-Butylbenzene	11.695	119	348336	47.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	338473	47.283	ug/l	100
85) sec-Butylbenzene	11.872	105	415371	45.798	ug/l	99
86) p-Isopropyltoluene	11.994	119	346661	45.464	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	194866	46.265	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	195189	44.865	ug/l	99
89) n-Butylbenzene	12.311	91	317721	44.417	ug/l	100
90) Hexachloroethane	12.518	117	68874	47.409	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	192103	47.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	35177	49.321	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	120167	44.723	ug/l	99
94) Hexachlorobutadiene	13.707	225	45170	40.215	ug/l	98
95) Naphthalene	13.756	128	425381	49.241	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	115319	46.142	ug/l	99

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

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