

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048706.D
 Acq On : 03 Dec 2025 15:27
 Operator : JC/MD
 Sample : Q2893-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Dec 04 02:29:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	188799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	322690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142231	55.797	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.600%			
35) Dibromofluoromethane	5.373	113	111151	50.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.634	98	410905	54.479	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.960%			
62) 4-Bromofluorobenzene	11.061	95	138174	49.918	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1358	0.624	ug/l	96
3) Chloromethane	1.300	50	1767	0.833	ug/l	93
4) Vinyl Chloride	1.380	62	1659	0.714	ug/l	91
5) Bromomethane	1.624	94	1699	1.100	ug/l	83
6) Chloroethane	1.697	64	1018	0.740	ug/l	91
7) Trichlorofluoromethane	1.898	101	2258	0.669	ug/l #	84
8) Diethyl Ether	2.136	74	1036	0.862	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	1419	0.705	ug/l #	86
10) Methyl Iodide	2.465	142	2636	0.909	ug/l	94
11) Tert butyl alcohol	2.934	59	1533	3.976	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	1569	0.784	ug/l #	74
13) Acrolein	2.239	56	948	4.547	ug/l	88
14) Allyl chloride	2.672	41	2625	0.693	ug/l #	86
15) Acrylonitrile	3.068	53	4530	3.696	ug/l	98
16) Acetone	2.380	43	3668	4.403	ug/l #	88
17) Carbon Disulfide	2.520	76	5278	0.866	ug/l #	94
18) Methyl Acetate	2.703	43	1729	0.627	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	5206	0.764	ug/l #	89
20) Methylene Chloride	2.794	84	1893	0.814	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	1693	0.820	ug/l #	72
22) Diisopropyl ether	3.757	45	4615	0.681	ug/l	88
23) Vinyl Acetate	3.721	43	19776	3.355	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2955	0.765	ug/l	96
25) 2-Butanone	4.568	43	4969	3.425	ug/l	94
26) 2,2-Dichloropropane	4.471	77	2595m	0.729	ug/l	
27) cis-1,2-Dichloroethene	4.489	96	1989	0.768	ug/l	96
28) Bromochloromethane	4.910	49	1257	0.678	ug/l #	72
29) Tetrahydrofuran	5.007	42	3953	3.578	ug/l #	79
30) Chloroform	5.080	83	3291	0.805	ug/l	100
31) Cyclohexane	5.452	56	1906	0.579	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	2692	0.732	ug/l #	48
36) 1,1-Dichloropropene	5.678	75	2290	0.771	ug/l	85
37) Ethyl Acetate	4.714	43	2626m	0.696	ug/l	
38) Carbon Tetrachloride	5.672	117	2819	0.825	ug/l #	89
39) Methylcyclohexane	7.366	83	2458	0.711	ug/l	92
40) Benzene	6.031	78	6395	0.732	ug/l #	89

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41) Methacrylonitrile	4.946	41	1043m	0.611	ug/l	
42) 1,2-Dichloroethane	6.080	62	2564	0.817	ug/l	94
43) Isopropyl Acetate	6.336	43	3419	0.645	ug/l #	86
44) Trichloroethene	7.116	130	1683	0.732	ug/l	95
45) 1,2-Dichloropropane	7.421	63	1736	0.813	ug/l	97
46) Dibromomethane	7.574	93	1284	0.782	ug/l	94
47) Bromodichloromethane	7.811	83	2344	0.696	ug/l #	87
48) Methyl methacrylate	7.690	41	1509m	0.596	ug/l	
49) 1,4-Dioxane	7.665	88	300	9.669	ug/l	91
51) 4-Methyl-2-Pentanone	8.561	43	11287	3.380	ug/l	96
52) Toluene	8.702	92	4267	0.796	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	2409	0.719	ug/l #	87
54) cis-1,3-Dichloropropene	8.360	75	2387	0.671	ug/l	92
55) 1,1,2-Trichloroethane	9.140	97	1589	0.748	ug/l	88
56) Ethyl methacrylate	9.110	69	2354	0.691	ug/l	95
57) 1,3-Dichloropropane	9.299	76	2807	0.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	6158	3.525	ug/l	100
59) 2-Hexanone	9.421	43	8367	3.492	ug/l	91
60) Dibromochloromethane	9.500	129	2050	0.773	ug/l	94
61) 1,2-Dibromoethane	9.604	107	1627	0.692	ug/l	97
64) Tetrachloroethene	9.256	164	1648	0.817	ug/l #	83
65) Chlorobenzene	10.067	112	4827	0.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	1569	0.725	ug/l #	67
67) Ethyl Benzene	10.177	91	7458	0.729	ug/l	100
68) m/p-Xylenes	10.287	106	5475	1.390	ug/l	95
69) o-Xylene	10.628	106	2763	0.728	ug/l	94
70) Styrene	10.640	104	3872	0.607	ug/l	91
71) Bromoform	10.787	173	1582	0.802	ug/l #	97
73) Isopropylbenzene	10.945	105	6372	0.662	ug/l	93
74) N-amyl acetate	10.829	43	2835	0.653	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.201	83	2500	0.759	ug/l	89
76) 1,2,3-Trichloropropane	11.219	75	1974m	0.682	ug/l	
77) Bromobenzene	11.183	156	2036	0.785	ug/l	99
78) n-propylbenzene	11.286	91	8399	0.745	ug/l	96
79) 2-Chlorotoluene	11.347	91	5395	0.788	ug/l	95
80) 1,3,5-Trimethylbenzene	11.433	105	5427	0.690	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.006	75	610m	0.542	ug/l	
82) 4-Chlorotoluene	11.439	91	6002	0.754	ug/l	96
83) tert-Butylbenzene	11.695	119	5600	0.686	ug/l	94
84) 1,2,4-Trimethylbenzene	11.738	105	5234	0.668	ug/l	96
85) sec-Butylbenzene	11.872	105	6925	0.701	ug/l	99
86) p-Isopropyltoluene	11.994	119	5924	0.726	ug/l	89
87) 1,3-Dichlorobenzene	11.951	146	3628	0.769	ug/l	96
88) 1,4-Dichlorobenzene	12.024	146	3860m	0.801	ug/l	
89) n-Butylbenzene	12.317	91	6273	0.816	ug/l	97
90) Hexachloroethane	12.518	117	1193	0.726	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	3515	0.800	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.932	75	463	0.618	ug/l	96
93) 1,2,4-Trichlorobenzene	13.573	180	2645	0.945	ug/l	84
94) Hexachlorobutadiene	13.707	225	1224	1.051	ug/l	87
95) Naphthalene	13.762	128	5718	0.670	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	1940	0.751	ug/l	91

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

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