

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048582.D
 Acq On : 12 Nov 2025 16:35
 Operator : JC/MD
 Sample : Q2893-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Nov 14 00:29:55 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 11/14/2025
 Supervised By : Mahesh Dadoda 11/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	187780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117549	44.925	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.373	113	95802	39.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.900%		
50) Toluene-d8	8.635	98	326631	43.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.240%#		
62) 4-Bromofluorobenzene	11.061	95	125490	44.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1444	0.949	ug/l	94
3) Chloromethane	1.301	50	1893	0.938	ug/l #	87
4) Vinyl Chloride	1.380	62	2120	0.928	ug/l	95
6) Chloroethane	1.697	64	1088	0.727	ug/l #	82
7) Trichlorofluoromethane	1.898	101	2795	0.773	ug/l	100
8) Diethyl Ether	2.136	74	1278	0.881	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1694	0.809	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1682m	0.769	ug/l	
14) Allyl chloride	2.666	41	3125	0.768	ug/l	97
15) Acrylonitrile	3.069	53	5222	3.608	ug/l	94
16) Acetone	2.374	43	5421	4.377	ug/l	99
17) Carbon Disulfide	2.514	76	5535	0.900	ug/l #	87
18) Methyl Acetate	2.703	43	2487	0.731	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	5979	0.775	ug/l	97
20) Methylene Chloride	2.788	84	3717	1.460	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	1954	0.843	ug/l	95
22) Diisopropyl ether	3.757	45	6009	0.769	ug/l	86
23) Vinyl Acetate	3.721	43	23138	3.381	ug/l	97
24) 1,1-Dichloroethane	3.605	63	3498	0.816	ug/l #	90
25) 2-Butanone	4.568	43	7095	3.872	ug/l	90
26) 2,2-Dichloropropane	4.477	77	3020	0.826	ug/l #	67
27) cis-1,2-Dichloroethene	4.483	96	2054	0.725	ug/l	84
28) Bromochloromethane	4.898	49	1797	0.853	ug/l #	98
29) Tetrahydrofuran	5.007	42	4818	3.687	ug/l	95
30) Chloroform	5.080	83	3436	0.776	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	2944	0.762	ug/l #	34
36) 1,1-Dichloropropene	5.690	75	2743	0.843	ug/l	87
37) Ethyl Acetate	4.721	43	4068m	0.889	ug/l	
38) Carbon Tetrachloride	5.666	117	2931	0.792	ug/l #	79
39) Methylcyclohexane	7.367	83	3105	0.850	ug/l #	80
40) Benzene	6.031	78	7966	0.790	ug/l	91
41) Methacrylonitrile	4.910	41	1374m	0.683	ug/l	
42) 1,2-Dichloroethane	6.074	62	2777	0.804	ug/l	96
43) Isopropyl Acetate	6.336	43	4516	0.702	ug/l	99
44) Trichloroethene	7.117	130	2048	0.850	ug/l	85
45) 1,2-Dichloropropane	7.421	63	2019	0.871	ug/l	98

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46) Dibromomethane	7.574	93	1275	0.754	ug/l	97
47) Bromodichloromethane	7.818	83	2737	0.812	ug/l #	93
48) Methyl methacrylate	7.690	41	2103	0.735	ug/l	92
49) 1,4-Dioxane	7.665	88	529	12.137	ug/l #	73
51) 4-Methyl-2-Pentanone	8.562	43	14013	3.826	ug/l	94
52) Toluene	8.702	92	4878	0.919	ug/l	95
53) t-1,3-Dichloropropene	8.970	75	2635	0.758	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	2997	0.833	ug/l	98
55) 1,1,2-Trichloroethane	9.141	97	1978	0.933	ug/l #	86
56) Ethyl methacrylate	9.104	69	2812	0.797	ug/l	99
57) 1,3-Dichloropropane	9.293	76	2819	0.764	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.232	63	6862	3.618	ug/l	96
59) 2-Hexanone	9.421	43	10473	3.844	ug/l	94
60) Dibromochloromethane	9.506	129	2168	0.833	ug/l	86
61) 1,2-Dibromoethane	9.598	107	1804	0.785	ug/l	87
64) Tetrachloroethene	9.257	164	1730	0.868	ug/l	94
65) Chlorobenzene	10.061	112	5712	0.877	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.147	131	1872	0.858	ug/l #	65
67) Ethyl Benzene	10.177	91	8467	0.774	ug/l	97
68) m/p-Xylenes	10.287	106	6614	1.606	ug/l	99
69) o-Xylene	10.628	106	3058	0.759	ug/l	98
70) Styrene	10.640	104	5259	0.778	ug/l	97
71) Bromoform	10.787	173	1605	0.797	ug/l #	99
73) Isopropylbenzene	10.945	105	7890	0.777	ug/l	99
74) N-amyl acetate	10.829	43	3084	0.605	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.195	83	2766	0.773	ug/l	96
76) 1,2,3-Trichloropropane	11.220	75	2397m	0.711	ug/l	
77) Bromobenzene	11.183	156	2281	0.870	ug/l	95
78) n-propylbenzene	11.287	91	9564	0.801	ug/l	96
79) 2-Chlorotoluene	11.348	91	6035	0.837	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	6452	0.780	ug/l	98
82) 4-Chlorotoluene	11.439	91	6697	0.791	ug/l	97
83) tert-Butylbenzene	11.695	119	6085	0.711	ug/l	86
84) 1,2,4-Trimethylbenzene	11.738	105	6050	0.724	ug/l	95
85) sec-Butylbenzene	11.872	105	8169	0.772	ug/l	97
86) p-Isopropyltoluene	11.994	119	6844	0.769	ug/l	97
87) 1,3-Dichlorobenzene	11.957	146	4201	0.855	ug/l	96
88) 1,4-Dichlorobenzene	12.024	146	4758m	0.937	ug/l	
89) n-Butylbenzene	12.317	91	6557	0.786	ug/l	96
90) Hexachloroethane	12.518	117	1295	0.764	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	4070	0.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	713	0.857	ug/l	89
93) 1,2,4-Trichlorobenzene	13.573	180	2807	0.896	ug/l	96
94) Hexachlorobutadiene	13.707	225	1134	0.865	ug/l	97
95) Naphthalene	13.762	128	7514	0.746	ug/l	95
96) 1,2,3-Trichlorobenzene	13.945	180	2274	0.780	ug/l	86

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

