

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046915.D
 Acq On : 08 Jul 2025 12:34
 Operator : JC/MD
 Sample : Q2126-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 09 05:13:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	361715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	607083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	289087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250050	52.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.391	113	208227	50.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.647	98	734505	50.518	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	288386	52.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	2371	0.685	ug/l	95
3) Chloromethane	1.307	50	2925	0.774	ug/l	97
4) Vinyl Chloride	1.386	62	3366	0.818	ug/l #	88
5) Bromomethane	1.630	94	2776	1.050	ug/l	81
6) Chloroethane	1.703	64	2462	0.906	ug/l #	88
7) Trichlorofluoromethane	1.910	101	4255	0.669	ug/l #	80
8) Diethyl Ether	2.154	74	1363m	0.602	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.343	101	3491	0.861	ug/l	90
10) Methyl Iodide	2.471	142	3317	0.751	ug/l	92
11) Tert butyl alcohol	2.971	59	1194m	3.810	ug/l	
12) 1,1-Dichloroethene	2.343	96	3118	0.795	ug/l #	81
13) Acrolein	2.258	56	1964	5.248	ug/l	89
14) Allyl chloride	2.678	41	5443	0.779	ug/l #	45
15) Acrylonitrile	3.081	53	7096	3.916	ug/l	92
16) Acetone	2.392	43	6734	4.537	ug/l	91
17) Carbon Disulfide	2.532	76	8279	0.805	ug/l	99
18) Methyl Acetate	2.721	43	2645	0.676	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	8234	0.743	ug/l	97
20) Methylene Chloride	2.800	84	4678	1.066	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	3392	0.845	ug/l	90
22) Diisopropyl ether	3.770	45	9138	0.677	ug/l #	31
23) Vinyl Acetate	3.751	43	33111	3.276	ug/l	96
24) 1,1-Dichloroethane	3.617	63	6037	0.785	ug/l #	93
25) 2-Butanone	4.605	43	7494	3.784	ug/l #	74
26) 2,2-Dichloropropane	4.501	77	3997	0.698	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	3741m	0.763	ug/l	
28) Bromochloromethane	4.928	49	3003	0.791	ug/l #	57
29) Tetrahydrofuran	5.032	42	5491m	4.350	ug/l	
30) Chloroform	5.111	83	5544	0.705	ug/l	89
31) Cyclohexane	5.477	56	5091	0.745	ug/l	95
32) 1,1,1-Trichloroethane	5.404	97	5137	0.782	ug/l #	51
36) 1,1-Dichloropropene	5.714	75	4396m	0.791	ug/l	
37) Ethyl Acetate	4.733	43	5034m	1.063	ug/l	
38) Carbon Tetrachloride	5.690	117	5012m	0.853	ug/l	
39) Methylcyclohexane	7.385	83	5341	0.768	ug/l	87
40) Benzene	6.062	78	12306	0.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	1239m	0.490	ug/l	
42) 1,2-Dichloroethane	6.098	62	4950	0.867	ug/l	91
43) Isopropyl Acetate	6.361	43	4625	0.638	ug/l #	95
44) Trichloroethene	7.141	130	3205	0.732	ug/l	79
45) 1,2-Dichloropropane	7.434	63	2988	0.703	ug/l	100
46) Dibromomethane	7.604	93	2469	0.839	ug/l	96
47) Bromodichloromethane	7.836	83	4619	0.735	ug/l #	83
48) Methyl methacrylate	7.732	41	2288	0.611	ug/l #	75
49) 1,4-Dioxane	7.690	88	800	18.435	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	14133	3.302	ug/l	96
52) Toluene	8.726	92	8463	0.812	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	3971	0.708	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	4470	0.698	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	3156	0.813	ug/l #	79
56) Ethyl methacrylate	9.135	69	3451	0.642	ug/l #	86
57) 1,3-Dichloropropane	9.317	76	5351	0.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	7650	2.527	ug/l	94
59) 2-Hexanone	9.445	43	9355	3.295	ug/l	87
60) Dibromochloromethane	9.525	129	3379	0.727	ug/l	89
61) 1,2-Dibromoethane	9.616	107	2947	0.756	ug/l	98
64) Tetrachloroethene	9.281	164	3342	0.912	ug/l #	72
65) Chlorobenzene	10.079	112	9988	0.839	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.159	131	2984	0.746	ug/l #	64
67) Ethyl Benzene	10.195	91	15585	0.765	ug/l	97
68) m/p-Xylenes	10.305	106	11073	1.442	ug/l	94
69) o-Xylene	10.646	106	5119	0.690	ug/l	92
70) Styrene	10.665	104	9064	0.714	ug/l	99
71) Bromoform	10.805	173	2303	0.774	ug/l #	96
73) Isopropylbenzene	10.963	105	14133	0.695	ug/l	98
74) N-amyl acetate	10.854	43	4194	0.607	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	4266	0.763	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	3483m	0.780	ug/l	
77) Bromobenzene	11.195	156	3979	0.786	ug/l	98
78) n-propylbenzene	11.305	91	18381	0.750	ug/l	98
79) 2-Chlorotoluene	11.366	91	11862	0.820	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	12426	0.753	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.031	75	907m	0.545	ug/l	
82) 4-Chlorotoluene	11.457	91	12373	0.741	ug/l	100
83) tert-Butylbenzene	11.713	119	12206	0.716	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11752	0.704	ug/l	99
85) sec-Butylbenzene	11.890	105	15473	0.720	ug/l	98
86) p-Isopropyltoluene	12.006	119	12867	0.715	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	7429	0.785	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	8506m	0.863	ug/l	
89) n-Butylbenzene	12.335	91	12055	0.712	ug/l	98
90) Hexachloroethane	12.536	117	2193	0.687	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	7046	0.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	681	0.697	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	4185	0.671	ug/l	87
94) Hexachlorobutadiene	13.719	225	2008	0.854	ug/l	94
95) Naphthalene	13.780	128	9883	0.602	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4647	0.789	ug/l	94

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

