

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046916.D
 Acq On : 08 Jul 2025 12:55
 Operator : JC/MD
 Sample : Q2126-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 09 05:14:18 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	348565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	574761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	523603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	271104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	246358	53.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.000%	
35) Dibromofluoromethane	5.397	113	205417	52.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	8.653	98	726997	52.814	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.079	95	284344	54.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.185	85	8187	2.456	ug/l	98
3) Chloromethane	1.307	50	8759	2.405	ug/l	99
4) Vinyl Chloride	1.386	62	9850	2.483	ug/l	96
5) Bromomethane	1.630	94	7504	2.945	ug/l	94
6) Chloroethane	1.703	64	7317	2.794	ug/l	99
7) Trichlorofluoromethane	1.904	101	15588	2.542	ug/l	87
8) Diethyl Ether	2.148	74	6039	2.767	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	9592	2.455	ug/l	95
10) Methyl Iodide	2.471	142	9665	2.270	ug/l	95
11) Tert butyl alcohol	2.953	59	3712	12.291	ug/l #	91
12) 1,1-Dichloroethene	2.337	96	9545	2.525	ug/l	91
13) Acrolein	2.252	56	6351	17.610	ug/l	90
14) Allyl chloride	2.684	41	17157	2.550	ug/l	98
15) Acrylonitrile	3.081	53	22157	12.689	ug/l	100
16) Acetone	2.392	43	22194	15.516	ug/l	92
17) Carbon Disulfide	2.526	76	25053	2.527	ug/l	99
18) Methyl Acetate	2.715	43	8992	2.385	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	27009	2.530	ug/l	99
20) Methylene Chloride	2.806	84	12796	3.025	ug/l	92
21) trans-1,2-Dichloroethene	3.111	96	10405	2.690	ug/l	94
22) Diisopropyl ether	3.770	45	33009	2.539	ug/l #	54
23) Vinyl Acetate	3.739	43	118871	12.205	ug/l	98
24) 1,1-Dichloroethane	3.623	63	19409	2.618	ug/l	97
25) 2-Butanone	4.587	43	26022	13.636	ug/l	95
26) 2,2-Dichloropropane	4.483	77	14168	2.568	ug/l	77
27) cis-1,2-Dichloroethene	4.507	96	12246	2.593	ug/l	98
28) Bromochloromethane	4.910	49	10066	2.751	ug/l	98
29) Tetrahydrofuran	5.032	42	17190	14.130	ug/l #	87
30) Chloroform	5.111	83	20680	2.730	ug/l	90
31) Cyclohexane	5.489	56	17504	2.659	ug/l #	85
32) 1,1,1-Trichloroethane	5.391	97	16436	2.597	ug/l	98
36) 1,1-Dichloropropene	5.702	75	13907	2.642	ug/l	98
37) Ethyl Acetate	4.751	43	11444	2.553	ug/l #	87
38) Carbon Tetrachloride	5.690	117	14032	2.521	ug/l	90
39) Methylcyclohexane	7.385	83	17569	2.668	ug/l #	92
40) Benzene	6.050	78	42372	2.661	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	5813	2.431	ug/l #	93
42) 1,2-Dichloroethane	6.105	62	14869	2.750	ug/l	99
43) Isopropyl Acetate	6.361	43	17507	2.549	ug/l	95
44) Trichloroethene	7.147	130	11092	2.676	ug/l	99
45) 1,2-Dichloropropane	7.434	63	10235	2.544	ug/l	90
46) Dibromomethane	7.592	93	7633	2.739	ug/l	95
47) Bromodichloromethane	7.824	83	15867	2.666	ug/l	92
48) Methyl methacrylate	7.708	41	8233	2.322	ug/l	95
49) 1,4-Dioxane	7.677	88	2082	50.674	ug/l #	64
51) 4-Methyl-2-Pentanone	8.574	43	52510	12.956	ug/l	98
52) Toluene	8.720	92	26983	2.735	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	12200	2.297	ug/l #	88
54) cis-1,3-Dichloropropene	8.379	75	14428	2.380	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	9790	2.664	ug/l	93
56) Ethyl methacrylate	9.122	69	12329	2.424	ug/l	93
57) 1,3-Dichloropropane	9.311	76	17052	2.695	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	31238	10.900	ug/l	95
59) 2-Hexanone	9.439	43	36051	13.411	ug/l	100
60) Dibromochloromethane	9.525	129	11520	2.619	ug/l	96
61) 1,2-Dibromoethane	9.610	107	9362	2.537	ug/l	92
64) Tetrachloroethene	9.275	164	9712	2.786	ug/l	90
65) Chlorobenzene	10.079	112	31561	2.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9685	2.545	ug/l	93
67) Ethyl Benzene	10.195	91	50872	2.624	ug/l	96
68) m/p-Xylenes	10.299	106	39071	5.348	ug/l	100
69) o-Xylene	10.640	106	18498	2.621	ug/l	99
70) Styrene	10.659	104	31170	2.582	ug/l	97
71) Bromoform	10.799	173	7015	2.479	ug/l #	97
73) Isopropylbenzene	10.963	105	48009	2.519	ug/l	100
74) N-amyl acetate	10.848	43	15893	2.454	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	14376	2.743	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	10897m	2.601	ug/l	
77) Bromobenzene	11.201	156	12932	2.724	ug/l	94
78) n-propylbenzene	11.305	91	58760	2.557	ug/l	99
79) 2-Chlorotoluene	11.366	91	37863	2.790	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	40044	2.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3479m	2.229	ug/l	
82) 4-Chlorotoluene	11.457	91	41362	2.642	ug/l	99
83) tert-Butylbenzene	11.713	119	40091	2.507	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	40163	2.566	ug/l	96
85) sec-Butylbenzene	11.890	105	52989	2.628	ug/l	99
86) p-Isopropyltoluene	12.006	119	41678	2.468	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	23532	2.651	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	25680	2.779	ug/l	93
89) n-Butylbenzene	12.329	91	37963	2.393	ug/l	99
90) Hexachloroethane	12.536	117	7349	2.455	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	23011	2.675	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2161	2.358	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	14053	2.404	ug/l	100
94) Hexachlorobutadiene	13.719	225	5525	2.507	ug/l	97
95) Naphthalene	13.774	128	36171	2.349	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13688	2.479	ug/l	96

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

