

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046384.D
 Acq On : 28 May 2025 14:53
 Operator : JC/MD
 Sample : Q2126-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 29 03:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	152110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85925	52.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	5.379	113	58289	53.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	8.641	98	189894	50.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	68613	47.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.160	85	171	0.128	ug/l #	43
3) Chloromethane	1.307	50	296	0.229	ug/l #	43
4) Vinyl Chloride	1.374	62	229	0.190	ug/l #	87
5) Bromomethane	1.593	94	157	0.281	ug/l #	47
6) Chloroethane	1.673	64	75	0.117	ug/l #	44
7) Trichlorofluoromethane	1.886	101	296	0.166	ug/l	99
8) Diethyl Ether	2.130	74	28	0.046	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	81	0.074	ug/l #	9
10) Methyl Iodide	2.441	142	188	0.144	ug/l #	34
11) Tert butyl alcohol	2.965	59	105	0.460	ug/l #	72
12) 1,1-Dichloroethene	2.313	96	130	0.126	ug/l #	74
13) Acrolein	2.240	56	110	0.423	ug/l #	34
14) Allyl chloride	2.654	41	280	0.142	ug/l #	67
15) Acrylonitrile	3.069	53	462	0.708	ug/l #	84
16) Acetone	2.386	43	1192	1.828	ug/l	95
17) Carbon Disulfide	2.508	76	446	0.182	ug/l #	76
18) Methyl Acetate	2.703	43	649	0.429	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	548	0.151	ug/l	99
20) Methylene Chloride	2.788	84	330	0.264	ug/l #	69
21) trans-1,2-Dichloroethene	3.081	96	162	0.156	ug/l #	49
22) Diisopropyl ether	3.758	45	534	0.140	ug/l #	33
23) Vinyl Acetate	3.739	43	2018	0.601	ug/l #	74
24) 1,1-Dichloroethane	3.611	63	341m	0.160	ug/l	
25) 2-Butanone	4.611	43	722m	0.763	ug/l	
26) 2,2-Dichloropropane	4.459	77	42	0.025	ug/l #	55
27) cis-1,2-Dichloroethene	4.495	96	182	0.145	ug/l	37
28) Bromochloromethane	4.891	49	26	0.025	ug/l #	17
29) Tetrahydrofuran	5.026	42	466m	0.786	ug/l	
30) Chloroform	5.093	83	401	0.181	ug/l #	65
31) Cyclohexane	5.458	56	230	0.119	ug/l #	53
32) 1,1,1-Trichloroethane	5.373	97	289	0.150	ug/l #	22
36) 1,1-Dichloropropene	5.696	75	227m	0.154	ug/l	
37) Ethyl Acetate	4.745	43	72	0.040	ug/l #	70
38) Carbon Tetrachloride	5.654	117	322	0.195	ug/l #	46
39) Methylcyclohexane	7.373	83	300	0.158	ug/l #	78
40) Benzene	6.044	78	692	0.161	ug/l	97

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41) Methacrylonitrile	4.965	41	22	0.023	ug/l #	25
42) 1,2-Dichloroethane	6.111	62	360	0.193	ug/l #	78
43) Isopropyl Acetate	6.361	43	63	0.023	ug/l #	63
44) Trichloroethene	7.129	130	146	0.141	ug/l	53
45) 1,2-Dichloropropane	7.440	63	98	0.091	ug/l #	45
46) Dibromomethane	7.580	93	121	0.143	ug/l #	8
47) Bromodichloromethane	7.818	83	180	0.108	ug/l #	85
48) Methyl methacrylate	7.714	41	33	0.023	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	1285	0.698	ug/l #	81
52) Toluene	8.714	92	457	0.173	ug/l	92
53) t-1,3-Dichloropropene	9.000	75	67	0.045	ug/l #	43
54) cis-1,3-Dichloropropene	8.385	75	165	0.101	ug/l #	26
55) 1,1,2-Trichloroethane	9.159	97	116	0.111	ug/l #	55
56) Ethyl methacrylate	9.141	69	93	0.056	ug/l #	65
57) 1,3-Dichloropropane	9.311	76	224	0.120	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.263	63	532	0.628	ug/l #	55
59) 2-Hexanone	9.458	43	865	0.635	ug/l #	55
60) Dibromochloromethane	9.525	129	126	0.110	ug/l	64
61) 1,2-Dibromoethane	9.616	107	87	0.080	ug/l #	73
64) Tetrachloroethene	9.281	164	110	0.116	ug/l #	61
65) Chlorobenzene	10.080	112	520	0.177	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	10.171	131	50	0.050	ug/l #	37
67) Ethyl Benzene	10.195	91	685	0.133	ug/l	96
68) m/p-Xylenes	10.305	106	402	0.213	ug/l #	65
69) o-Xylene	10.647	106	147	0.080	ug/l	48
70) Styrene	10.677	104	281	0.093	ug/l #	83
71) Bromoform	10.805	173	100	0.133	ug/l #	30
73) Isopropylbenzene	10.964	105	570	0.128	ug/l	90
74) N-amyl acetate	10.848	43	23m	0.010	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.207	83	254	0.163	ug/l #	68
76) 1,2,3-Trichloropropane	11.238	75	330m	0.239	ug/l	
77) Bromobenzene	11.195	156	91	0.088	ug/l #	41
78) n-propylbenzene	11.305	91	708	0.137	ug/l	88
79) 2-Chlorotoluene	11.366	91	487	0.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	519	0.139	ug/l	76
81) trans-1,4-Dichloro-2-b...	11.079	75	39527	93.326	ug/l #	1
82) 4-Chlorotoluene	11.457	91	530	0.143	ug/l	87
83) tert-Butylbenzene	11.713	119	530	0.141	ug/l	89
84) 1,2,4-Trimethylbenzene	11.762	105	508	0.135	ug/l	95
85) sec-Butylbenzene	11.884	105	617	0.134	ug/l #	78
86) p-Isopropyltoluene	12.012	119	516	0.136	ug/l #	60
87) 1,3-Dichlorobenzene	11.982	146	322	0.170	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	357m	0.185	ug/l	
89) n-Butylbenzene	12.360	91	305	0.091	ug/l #	33
90) Hexachloroethane	12.536	117	25	0.037	ug/l #	19
91) 1,2-Dichlorobenzene	12.335	146	241	0.127	ug/l	73
93) 1,2,4-Trichlorobenzene	13.603	180	34	0.031	ug/l #	1
95) Naphthalene	13.786	128	409	0.102	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	117	0.104	ug/l #	40

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

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