

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046385.D
 Acq On : 28 May 2025 15:24
 Operator : JC/MD
 Sample : Q2126-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 29 03:38:10 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	83529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82510	52.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	5.379	113	56282	53.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.647	98	181339	49.730	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	11.079	95	67809	48.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	564	0.441	ug/l	97
3) Chloromethane	1.307	50	647	0.522	ug/l #	74
4) Vinyl Chloride	1.374	62	479	0.415	ug/l #	84
5) Bromomethane	1.599	94	412	0.770	ug/l	92
6) Chloroethane	1.679	64	328	0.532	ug/l #	83
7) Trichlorofluoromethane	1.880	101	950	0.557	ug/l	92
8) Diethyl Ether	2.130	74	263	0.453	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	602	0.570	ug/l #	92
10) Methyl Iodide	2.441	142	485	0.388	ug/l #	88
11) Tert butyl alcohol	2.965	59	492	2.251	ug/l #	72
12) 1,1-Dichloroethene	2.313	96	527	0.532	ug/l	86
13) Acrolein	2.233	56	314	1.261	ug/l	98
14) Allyl chloride	2.654	41	957	0.506	ug/l #	86
15) Acrylonitrile	3.069	53	1554	2.486	ug/l	90
16) Acetone	2.386	43	2745	4.396	ug/l	92
17) Carbon Disulfide	2.508	76	991	0.422	ug/l #	86
18) Methyl Acetate	2.709	43	1075	0.742	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	1567	0.451	ug/l	97
20) Methylene Chloride	2.782	84	843	0.705	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	575	0.577	ug/l	93
22) Diisopropyl ether	3.764	45	1691	0.462	ug/l #	56
23) Vinyl Acetate	3.733	43	7199	2.239	ug/l	95
24) 1,1-Dichloroethane	3.599	63	1037	0.509	ug/l #	82
25) 2-Butanone	4.587	43	2426	2.676	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	780	0.489	ug/l #	55
27) cis-1,2-Dichloroethene	4.501	96	513	0.428	ug/l #	1
28) Bromochloromethane	4.898	49	440	0.449	ug/l #	90
29) Tetrahydrofuran	5.007	42	1598m	2.813	ug/l	
30) Chloroform	5.080	83	1116	0.526	ug/l #	73
31) Cyclohexane	5.465	56	833	0.449	ug/l #	72
32) 1,1,1-Trichloroethane	5.379	97	982	0.534	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	707	0.499	ug/l #	62
37) Ethyl Acetate	4.751	43	1080m	0.618	ug/l	
38) Carbon Tetrachloride	5.666	117	953	0.599	ug/l #	68
39) Methylcyclohexane	7.373	83	920	0.505	ug/l #	86
40) Benzene	6.031	78	2053	0.495	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046385.D
 Acq On : 28 May 2025 15:24
 Operator : JC/MD
 Sample : Q2126-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 29 03:38:10 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)
41) Methacrylonitrile	4.928	41	45	0.049	ug/l #	25
42) 1,2-Dichloroethane	6.099	62	1056	0.590	ug/l #	78
43) Isopropyl Acetate	6.367	43	1194m	0.448	ug/l	
44) Trichloroethene	7.129	130	436	0.437	ug/l	67
45) 1,2-Dichloropropane	7.434	63	522	0.506	ug/l #	45
46) Dibromomethane	7.580	93	365	0.449	ug/l	88
47) Bromodichloromethane	7.824	83	758	0.473	ug/l #	83
48) Methyl methacrylate	7.720	41	582	0.427	ug/l #	77
49) 1,4-Dioxane	7.671	88	238	9.199	ug/l #	68
51) 4-Methyl-2-Pentanone	8.574	43	3987	2.251	ug/l	100
52) Toluene	8.720	92	1374	0.540	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	540	0.379	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	799	0.508	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	533	0.532	ug/l #	86
56) Ethyl methacrylate	9.129	69	556	0.348	ug/l #	76
57) 1,3-Dichloropropane	9.317	76	913	0.507	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.257	63	1802	2.212	ug/l	92
59) 2-Hexanone	9.446	43	2750	2.099	ug/l	97
60) Dibromochloromethane	9.519	129	510	0.463	ug/l	92
61) 1,2-Dibromoethane	9.616	107	501	0.481	ug/l	91
64) Tetrachloroethene	9.269	164	469	0.516	ug/l	94
65) Chlorobenzene	10.073	112	1489	0.530	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	444	0.463	ug/l #	64
67) Ethyl Benzene	10.195	91	2415	0.488	ug/l #	86
68) m/p-Xylenes	10.305	106	1536	0.848	ug/l	84
69) o-Xylene	10.640	106	852	0.482	ug/l	96
70) Styrene	10.665	104	1160	0.401	ug/l #	87
71) Bromoform	10.799	173	316	0.439	ug/l #	90
73) Isopropylbenzene	10.964	105	1950	0.440	ug/l	88
74) N-amyl acetate	10.860	43	931	0.425	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.213	83	873	0.562	ug/l #	92
76) 1,2,3-Trichloropropane	11.244	75	845m	0.616	ug/l	
77) Bromobenzene	11.201	156	498	0.484	ug/l	84
78) n-propylbenzene	11.305	91	2256	0.438	ug/l	96
79) 2-Chlorotoluene	11.366	91	1805	0.543	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1553	0.419	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.018	75	120m	0.285	ug/l	
82) 4-Chlorotoluene	11.457	91	1679	0.455	ug/l	88
83) tert-Butylbenzene	11.713	119	1629	0.437	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1647	0.439	ug/l	91
85) sec-Butylbenzene	11.890	105	2086	0.455	ug/l	97
86) p-Isopropyltoluene	12.006	119	1581	0.418	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	995	0.530	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	1188m	0.619	ug/l	
89) n-Butylbenzene	12.335	91	1289	0.389	ug/l	94
90) Hexachloroethane	12.530	117	331	0.497	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	956	0.507	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	12.945	75	123	0.357	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.591	180	381	0.352	ug/l	90
94) Hexachlorobutadiene	13.725	225	251	0.531	ug/l	82
95) Naphthalene	13.780	128	1540	0.388	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.969	180	508	0.455	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
Data File : VX046385.D
Acq On : 28 May 2025 15:24
Operator : JC/MD
Sample : Q2126-09 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 29 03:38:10 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

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

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)

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

