

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046901.D
 Acq On : 07 Jul 2025 12:46
 Operator : JC/MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	366180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	604885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236839	48.958	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.920%		
35) Dibromofluoromethane	5.397	113	196008	47.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	8.647	98	698224	48.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.079	95	271838	49.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	7901	2.256	ug/l	91
3) Chloromethane	1.307	50	9623	2.515	ug/l	98
4) Vinyl Chloride	1.386	62	10202	2.449	ug/l	100
5) Bromomethane	1.624	94	7781	2.906	ug/l #	74
6) Chloroethane	1.703	64	6487	2.358	ug/l	94
7) Trichlorofluoromethane	1.904	101	15225	2.363	ug/l	99
8) Diethyl Ether	2.148	74	5576	2.432	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	10332	2.517	ug/l	93
10) Methyl Iodide	2.471	142	9604	2.147	ug/l	94
11) Tert butyl alcohol	2.959	59	3874	12.210	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	9957	2.508	ug/l	98
13) Acrolein	2.252	56	6035	15.929	ug/l	96
14) Allyl chloride	2.678	41	16600	2.348	ug/l	98
15) Acrylonitrile	3.081	53	22743	12.398	ug/l	97
16) Acetone	2.392	43	19734	13.133	ug/l	97
17) Carbon Disulfide	2.526	76	25753	2.473	ug/l	98
18) Methyl Acetate	2.721	43	8836	2.231	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	27755	2.475	ug/l	94
20) Methylene Chloride	2.800	84	12806	2.882	ug/l	88
21) trans-1,2-Dichloroethene	3.111	96	10256	2.524	ug/l	93
22) Diisopropyl ether	3.770	45	34308	2.512	ug/l #	52
23) Vinyl Acetate	3.739	43	122608	11.983	ug/l	97
24) 1,1-Dichloroethane	3.623	63	20007	2.569	ug/l	96
25) 2-Butanone	4.593	43	24918	12.429	ug/l	99
26) 2,2-Dichloropropane	4.489	77	13875	2.394	ug/l	98
27) cis-1,2-Dichloroethene	4.513	96	12968	2.614	ug/l	97
28) Bromochloromethane	4.916	49	9679	2.518	ug/l	86
29) Tetrahydrofuran	5.026	42	16778	13.128	ug/l #	82
30) Chloroform	5.117	83	20888	2.625	ug/l	95
31) Cyclohexane	5.489	56	16881	2.441	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	16405	2.468	ug/l	98
36) 1,1-Dichloropropene	5.702	75	12799	2.310	ug/l	91
37) Ethyl Acetate	4.745	43	9810	2.079	ug/l #	96
38) Carbon Tetrachloride	5.690	117	14362	2.452	ug/l	97
39) Methylcyclohexane	7.385	83	17316	2.499	ug/l	98
40) Benzene	6.050	78	44445	2.652	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046901.D
 Acq On : 07 Jul 2025 12:46
 Operator : JC/MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	6420	2.551	ug/l #	87
42) 1,2-Dichloroethane	6.099	62	14872	2.614	ug/l	99
43) Isopropyl Acetate	6.355	43	17973	2.487	ug/l #	91
44) Trichloroethene	7.141	130	11356	2.604	ug/l	99
45) 1,2-Dichloropropane	7.440	63	10563	2.495	ug/l	96
46) Dibromomethane	7.598	93	7627	2.600	ug/l	96
47) Bromodichloromethane	7.830	83	15444	2.466	ug/l	96
48) Methyl methacrylate	7.714	41	9230	2.473	ug/l	90
49) 1,4-Dioxane	7.678	88	1798	41.583	ug/l #	55
51) 4-Methyl-2-Pentanone	8.574	43	52041	12.201	ug/l	99
52) Toluene	8.720	92	27096	2.610	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	13263	2.373	ug/l #	88
54) cis-1,3-Dichloropropene	8.379	75	14722	2.307	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	10301	2.663	ug/l #	77
56) Ethyl methacrylate	9.122	69	11634	2.173	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	17683	2.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	34053	11.290	ug/l	99
59) 2-Hexanone	9.433	43	36430	12.877	ug/l	94
60) Dibromochloromethane	9.525	129	11189	2.417	ug/l	98
61) 1,2-Dibromoethane	9.610	107	9880	2.544	ug/l	99
64) Tetrachloroethene	9.275	164	10091	2.762	ug/l #	84
65) Chlorobenzene	10.080	112	30947	2.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	9668	2.424	ug/l	97
67) Ethyl Benzene	10.195	91	51326	2.526	ug/l	99
68) m/p-Xylenes	10.299	106	39568	5.169	ug/l	97
69) o-Xylene	10.640	106	18150	2.454	ug/l	95
70) Styrene	10.659	104	30819	2.436	ug/l	98
71) Bromoform	10.799	173	7260	2.448	ug/l #	95
73) Isopropylbenzene	10.964	105	50032	2.507	ug/l	98
74) N-amyl acetate	10.842	43	15906	2.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	14460	2.635	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	10546m	2.404	ug/l	
77) Bromobenzene	11.201	156	12870	2.589	ug/l	98
78) n-propylbenzene	11.305	91	61822	2.569	ug/l	99
79) 2-Chlorotoluene	11.366	91	37733	2.656	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40397	2.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3005m	1.839	ug/l	
82) 4-Chlorotoluene	11.451	91	43283	2.640	ug/l	98
83) tert-Butylbenzene	11.713	119	41291	2.466	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40007	2.441	ug/l	98
85) sec-Butylbenzene	11.890	105	52940	2.507	ug/l	99
86) p-Isopropyltoluene	12.006	119	43784	2.476	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	24355	2.620	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	25762	2.663	ug/l	90
89) n-Butylbenzene	12.329	91	39504	2.378	ug/l	97
90) Hexachloroethane	12.536	117	7020	2.240	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	23051	2.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2549	2.656	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	14271	2.332	ug/l	98
94) Hexachlorobutadiene	13.719	225	5542	2.401	ug/l	98
95) Naphthalene	13.774	128	37883	2.349	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	13181	2.280	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
Data File : VX046901.D
Acq On : 07 Jul 2025 12:46
Operator : JC/MD
Sample : Q2126-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

Quant Time: Jul 08 04:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 04:37:37 2025
Response via : Initial Calibration

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

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

