

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046904.D
 Acq On : 07 Jul 2025 13:48
 Operator : JC/MD
 Sample : Q2126-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jul 08 04:54:29 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	5.568	168	360998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	598077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	542991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	251526	52.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.397	113	206054	50.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	738018	51.524	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	286489	52.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	15837	4.587	ug/l	99
3) Chloromethane	1.307	50	19932	5.284	ug/l	100
4) Vinyl Chloride	1.386	62	20240	4.927	ug/l	99
5) Bromomethane	1.624	94	14976	5.674	ug/l	99
6) Chloroethane	1.703	64	15123	5.576	ug/l	94
7) Trichlorofluoromethane	1.904	101	32575	5.129	ug/l	97
8) Diethyl Ether	2.148	74	12247	5.418	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	20718	5.119	ug/l	97
10) Methyl Iodide	2.465	142	19702	4.468	ug/l	94
11) Tert butyl alcohol	2.959	59	8351	26.699	ug/l	95
12) 1,1-Dichloroethene	2.337	96	19893	5.082	ug/l	97
13) Acrolein	2.252	56	13705	36.693	ug/l	93
14) Allyl chloride	2.678	41	35793	5.136	ug/l	99
15) Acrylonitrile	3.075	53	47927	26.502	ug/l	97
16) Acetone	2.386	43	41544	28.044	ug/l	92
17) Carbon Disulfide	2.526	76	52263	5.091	ug/l	96
18) Methyl Acetate	2.721	43	18051	4.623	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	59142	5.350	ug/l	97
20) Methylene Chloride	2.800	84	25112	5.733	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	22309	5.569	ug/l	93
22) Diisopropyl ether	3.770	45	69936	5.194	ug/l #	72
23) Vinyl Acetate	3.733	43	263319	26.104	ug/l	100
24) 1,1-Dichloroethane	3.623	63	41283	5.376	ug/l	96
25) 2-Butanone	4.574	43	54831	27.742	ug/l	96
26) 2,2-Dichloropropane	4.489	77	29031	5.080	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	26914	5.503	ug/l	97
28) Bromochloromethane	4.916	49	21119	5.573	ug/l	95
29) Tetrahydrofuran	5.019	42	37132	29.472	ug/l	95
30) Chloroform	5.105	83	43359	5.527	ug/l	97
31) Cyclohexane	5.489	56	38601	5.662	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	34233	5.223	ug/l	96
36) 1,1-Dichloropropene	5.708	75	29215	5.334	ug/l	97
37) Ethyl Acetate	4.733	43	22553m	4.834	ug/l	
38) Carbon Tetrachloride	5.684	117	31381	5.419	ug/l	92
39) Methylcyclohexane	7.385	83	36684	5.354	ug/l	96
40) Benzene	6.050	78	91083	5.498	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046904.D
 Acq On : 07 Jul 2025 13:48
 Operator : JC/MD
 Sample : Q2126-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jul 08 04:54:29 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	4.940	41	11901	4.782	ug/l	91
42) 1,2-Dichloroethane	6.098	62	31360	5.574	ug/l	99
43) Isopropyl Acetate	6.355	43	37667	5.271	ug/l	96
44) Trichloroethene	7.135	130	23320	5.407	ug/l	98
45) 1,2-Dichloropropane	7.440	63	22763	5.438	ug/l	89
46) Dibromomethane	7.592	93	15481	5.338	ug/l	96
47) Bromodichloromethane	7.824	83	31729	5.124	ug/l	98
48) Methyl methacrylate	7.702	41	19605	5.313	ug/l	97
49) 1,4-Dioxane	7.671	88	4512	105.538	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	111955	26.547	ug/l	99
52) Toluene	8.720	92	57345	5.586	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	26907	4.869	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	31594	5.008	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	20925	5.472	ug/l	95
56) Ethyl methacrylate	9.122	69	27451	5.187	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35998	5.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	78167	26.212	ug/l	100
59) 2-Hexanone	9.433	43	78100	27.920	ug/l	99
60) Dibromochloromethane	9.519	129	23597	5.156	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20971	5.461	ug/l	97
64) Tetrachloroethene	9.275	164	19632	5.430	ug/l	96
65) Chlorobenzene	10.079	112	64662	5.508	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	20866	5.287	ug/l	97
67) Ethyl Benzene	10.195	91	108205	5.382	ug/l	98
68) m/p-Xylenes	10.299	106	82197	10.850	ug/l	100
69) o-Xylene	10.640	106	37955	5.187	ug/l	96
70) Styrene	10.659	104	67185	5.366	ug/l	99
71) Bromoform	10.799	173	14791	5.041	ug/l #	99
73) Isopropylbenzene	10.957	105	105518	5.302	ug/l	99
74) N-amyl acetate	10.842	43	33766	4.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29382	5.369	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	22376m	5.115	ug/l	
77) Bromobenzene	11.195	156	25683	5.181	ug/l	95
78) n-propylbenzene	11.305	91	128211	5.343	ug/l	100
79) 2-Chlorotoluene	11.360	91	78635	5.550	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	85594	5.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6857	4.207	ug/l #	82
82) 4-Chlorotoluene	11.451	91	89274	5.460	ug/l	100
83) tert-Butylbenzene	11.713	119	87330	5.229	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87536	5.356	ug/l	93
85) sec-Butylbenzene	11.890	105	109560	5.203	ug/l	99
86) p-Isopropyltoluene	12.006	119	91088	5.166	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49823	5.374	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	52717	5.464	ug/l	96
89) n-Butylbenzene	12.329	91	83857	5.061	ug/l	99
90) Hexachloroethane	12.536	117	14385	4.602	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47617	5.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4364	4.560	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	30198	4.948	ug/l	99
94) Hexachlorobutadiene	13.719	225	11598	5.039	ug/l	94
95) Naphthalene	13.774	128	79599	4.949	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	27693	4.802	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
Data File : VX046904.D
Acq On : 07 Jul 2025 13:48
Operator : JC/MD
Sample : Q2126-08 5.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 08 04:54:29 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

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2025

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)
----------	------	------	----------	------	-------	----------

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

