

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086923.D
 Acq On : 10 Jun 2025 13:12
 Operator : JC\MD
 Sample : Q2250-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD

Quant Time: Jun 11 01:53:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	121937	52.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.177	113	103950	56.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.200%			
50) Toluene-d8	10.565	98	398352	54.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.580%			
62) 4-Bromofluorobenzene	12.847	95	149297	55.271	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	73929	42.871	ug/l	99
3) Chloromethane	2.395	50	84867	38.111	ug/l	97
4) Vinyl Chloride	2.554	62	131440	57.220	ug/l	98
5) Bromomethane	3.001	94	58237	45.304	ug/l	96
6) Chloroethane	3.159	64	65054	43.843	ug/l	99
7) Trichlorofluoromethane	3.530	101	127412	42.453	ug/l	99
8) Diethyl Ether	3.989	74	57896	44.275	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.401	101	438614	232.614	ug/l	99
10) Methyl Iodide	4.618	142	90414	36.989	ug/l	97
11) Tert butyl alcohol	5.536	59	118532	188.644	ug/l	99
12) 1,1-Dichloroethene	4.371	96	102158	53.068	ug/l	93
13) Acrolein	4.195	56	33620	169.038	ug/l	100
14) Allyl chloride	5.053	41	127951	40.078	ug/l	96
15) Acrylonitrile	5.736	53	308878	210.315	ug/l	100
16) Acetone	4.442	43	233959	190.517	ug/l	98
17) Carbon Disulfide	4.742	76	217837	40.910	ug/l	100
18) Methyl Acetate	5.048	43	144814	40.466	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	300398	43.098	ug/l	99
20) Methylene Chloride	5.300	84	95461	41.521	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	108472	50.646	ug/l	95
22) Diisopropyl ether	6.689	45	277373	41.216	ug/l	97
23) Vinyl Acetate	6.618	43	1159679	203.959	ug/l	100
24) 1,1-Dichloroethane	6.589	63	191588	49.470	ug/l	98
25) 2-Butanone	7.494	43	391789	196.276	ug/l #	80
26) 2,2-Dichloropropane	7.506	77	139381	46.267	ug/l #	1
27) cis-1,2-Dichloroethene	7.500	96	5451059	2128.127	ug/l	90
28) Bromochloromethane	7.824	49	74118	38.924	ug/l	97
29) Tetrahydrofuran	7.847	42	263616	202.731	ug/l	96
30) Chloroform	7.977	83	162638	42.052	ug/l	97
31) Cyclohexane	8.265	56	133904	35.653	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	136050	41.359	ug/l	99
36) 1,1-Dichloropropene	8.377	75	117527	42.946	ug/l	99
37) Ethyl Acetate	7.571	43	139485	40.039	ug/l #	79
38) Carbon Tetrachloride	8.371	117	113739	42.334	ug/l	97
39) Methylcyclohexane	9.606	83	133181	35.522	ug/l	97
40) Benzene	8.612	78	385021	43.024	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086923.D
 Acq On : 10 Jun 2025 13:12
 Operator : JC\MD
 Sample : Q2250-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525MSD

Quant Time: Jun 11 01:53:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	82542	42.189	ug/l	97
42) 1,2-Dichloroethane	8.677	62	116885	43.063	ug/l	100
43) Isopropyl Acetate	8.694	43	222284	39.754	ug/l	96
44) Trichloroethene	9.359	130	6931651	3266.653	ug/l	99
45) 1,2-Dichloropropane	9.624	63	92441	42.460	ug/l	99
46) Dibromomethane	9.712	93	64838	44.837	ug/l	99
47) Bromodichloromethane	9.888	83	126533	42.528	ug/l	100
48) Methyl methacrylate	9.682	41	101839	39.572	ug/l	95
49) 1,4-Dioxane	9.700	88	40909	873.782	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	702657	208.746	ug/l	99
52) Toluene	10.630	92	233021	42.608	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	146110	43.917	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	154243	43.329	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	93633	44.495	ug/l	99
56) Ethyl methacrylate	10.877	69	153861	45.905	ug/l	95
57) 1,3-Dichloropropane	11.165	76	155775	42.673	ug/l	97
59) 2-Hexanone	11.200	43	455196	209.941	ug/l	95
60) Dibromochloromethane	11.359	129	99583	45.420	ug/l	99
61) 1,2-Dibromoethane	11.471	107	92981	43.108	ug/l	99
64) Tetrachloroethene	11.106	164	111429	66.034	ug/l	95
65) Chlorobenzene	11.894	112	259599	44.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	84686	44.799	ug/l	99
67) Ethyl Benzene	11.965	91	427727	42.226	ug/l	99
68) m/p-Xylenes	12.071	106	333950	86.123	ug/l	98
69) o-Xylene	12.400	106	162838	43.848	ug/l	97
70) Styrene	12.412	104	282053	44.384	ug/l	99
71) Bromoform	12.576	173	65807	46.983	ug/l #	99
73) Isopropylbenzene	12.694	105	394852	41.733	ug/l	100
74) N-amyl acetate	12.518	43	143729	43.473	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	144127	44.965	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118377m	38.345	ug/l	
77) Bromobenzene	12.976	156	99031	45.640	ug/l	98
78) n-propylbenzene	13.035	91	464253	40.377	ug/l	98
79) 2-Chlorotoluene	13.123	91	289730	42.017	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	321135	41.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	62181	46.366	ug/l	98
82) 4-Chlorotoluene	13.218	91	298311	42.756	ug/l	99
83) tert-Butylbenzene	13.435	119	273596	38.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	326290	41.655	ug/l	100
85) sec-Butylbenzene	13.612	105	394374	37.979	ug/l	99
86) p-Isopropyltoluene	13.729	119	332552	38.742	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	184900	43.312	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	191420	43.980	ug/l	99
89) n-Butylbenzene	14.053	91	302661	36.403	ug/l	99
90) Hexachloroethane	14.335	117	57752	39.692	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	177603	43.302	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31210	40.715	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	98501	37.609	ug/l	98
94) Hexachlorobutadiene	15.494	225	28911	29.629	ug/l	98
95) Naphthalene	15.635	128	399267	40.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	93291	35.852	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086923.D
Acq On : 10 Jun 2025 13:12
Operator : JC\MD
Sample : Q2250-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 01:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

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

