

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086922.D
 Acq On : 10 Jun 2025 12:51
 Operator : JC\MD
 Sample : Q2250-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 11 01:52:35 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	174378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116443	49.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	8.177	113	96506	52.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.740%		
50) Toluene-d8	10.571	98	373191	51.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.320%		
62) 4-Bromofluorobenzene	12.847	95	138034	50.932	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	68302	39.284	ug/l	96
3) Chloromethane	2.395	50	80842	36.007	ug/l	100
4) Vinyl Chloride	2.554	62	116824	50.442	ug/l	100
5) Bromomethane	3.001	94	51812	39.977	ug/l	94
6) Chloroethane	3.159	64	58869	39.351	ug/l	100
7) Trichlorofluoromethane	3.530	101	115932	38.313	ug/l	96
8) Diethyl Ether	3.989	74	51551	39.101	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	367438	193.276	ug/l	99
10) Methyl Iodide	4.618	142	79922	32.430	ug/l	97
11) Tert butyl alcohol	5.530	59	107683	169.980	ug/l	98
12) 1,1-Dichloroethene	4.371	96	92890	47.860	ug/l	93
13) Acrolein	4.200	56	33731	168.212	ug/l	98
14) Allyl chloride	5.047	41	117940	36.641	ug/l	96
15) Acrylonitrile	5.736	53	284483	192.124	ug/l	98
16) Acetone	4.448	43	215008	173.656	ug/l	99
17) Carbon Disulfide	4.742	76	196337	36.571	ug/l	98
18) Methyl Acetate	5.047	43	132769	36.798	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	271783	38.674	ug/l	98
20) Methylene Chloride	5.300	84	87753	37.857	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	102714	47.566	ug/l	97
22) Diisopropyl ether	6.689	45	255658	37.680	ug/l	99
23) Vinyl Acetate	6.618	43	1062011	185.258	ug/l	99
24) 1,1-Dichloroethane	6.583	63	176376	45.171	ug/l	99
25) 2-Butanone	7.494	43	364801	181.265	ug/l #	80
26) 2,2-Dichloropropane	7.506	77	128482	42.301	ug/l #	1
27) cis-1,2-Dichloroethene	7.500	96	4853647	1879.430	ug/l	90
28) Bromochloromethane	7.824	49	78797	41.044	ug/l	93
29) Tetrahydrofuran	7.847	42	239404	182.609	ug/l	96
30) Chloroform	7.977	83	151067	38.741	ug/l	99
31) Cyclohexane	8.265	56	123047	32.495	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	123440	37.219	ug/l	98
36) 1,1-Dichloropropene	8.377	75	106081	38.635	ug/l	100
37) Ethyl Acetate	7.571	43	126676	36.242	ug/l #	79
38) Carbon Tetrachloride	8.371	117	102158	37.897	ug/l	96
39) Methylcyclohexane	9.606	83	118983	31.630	ug/l	95
40) Benzene	8.612	78	351060	39.099	ug/l	98

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41) Methacrylonitrile	7.788	41	70459	35.893	ug/l	94
42) 1,2-Dichloroethane	8.677	62	106970	39.279	ug/l	100
43) Isopropyl Acetate	8.694	43	203030	36.190	ug/l	98
44) Trichloroethene	9.359	130	6264273	2942.351	ug/l	98
45) 1,2-Dichloropropane	9.624	63	84220	38.556	ug/l	99
46) Dibromomethane	9.712	93	58291	40.176	ug/l	99
47) Bromodichloromethane	9.888	83	115490	38.688	ug/l	98
48) Methyl methacrylate	9.682	41	95039	36.807	ug/l	97
49) 1,4-Dioxane	9.700	88	37276	793.544	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	627690	185.856	ug/l	97
52) Toluene	10.629	92	211099	38.472	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	134072	40.165	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	141166	39.524	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	84553	40.047	ug/l	98
56) Ethyl methacrylate	10.882	69	138783	41.269	ug/l	95
57) 1,3-Dichloropropane	11.165	76	142808	38.991	ug/l	98
59) 2-Hexanone	11.200	43	410712	188.796	ug/l	94
60) Dibromochloromethane	11.359	129	88571	40.264	ug/l	98
61) 1,2-Dibromoethane	11.471	107	85449	39.485	ug/l	98
64) Tetrachloroethene	11.106	164	97793	57.032	ug/l	97
65) Chlorobenzene	11.894	112	236181	39.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	74715	38.896	ug/l	99
67) Ethyl Benzene	11.965	91	387237	37.621	ug/l	99
68) m/p-Xylenes	12.071	106	305789	77.607	ug/l	97
69) o-Xylene	12.394	106	147363	39.050	ug/l	98
70) Styrene	12.412	104	254157	39.358	ug/l	100
71) Bromoform	12.576	173	59843	42.046	ug/l #	100
73) Isopropylbenzene	12.694	105	356009	36.846	ug/l	100
74) N-amyl acetate	12.512	43	142895m	42.322	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	131015	40.025	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	111129m	35.250	ug/l	
77) Bromobenzene	12.982	156	89530	40.405	ug/l	98
78) n-propylbenzene	13.035	91	421170	35.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	262472	37.274	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	287840	36.083	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56257	41.077	ug/l	97
82) 4-Chlorotoluene	13.218	91	272044	38.181	ug/l	100
83) tert-Butylbenzene	13.435	119	247652	33.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	294041	36.759	ug/l	100
85) sec-Butylbenzene	13.612	105	353284	33.315	ug/l	100
86) p-Isopropyltoluene	13.723	119	297463	33.934	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	165194	37.892	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	172677	38.850	ug/l	99
89) n-Butylbenzene	14.053	91	270209	31.824	ug/l	100
90) Hexachloroethane	14.329	117	52840	35.562	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	161871	38.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28266	36.108	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	89607	33.503	ug/l	99
94) Hexachlorobutadiene	15.494	225	26250	26.343	ug/l	99
95) Naphthalene	15.635	128	365200	36.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	85176	32.053	ug/l	99

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

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