

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087569.D
 Acq On : 14 Aug 2025 16:27
 Operator : JC\MD
 Sample : Q2842-04MS 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17B-55.5-081225MS

Quant Time: Aug 14 19:59:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	238067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.083	114	461160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	435202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	217494	53.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.680%			
35) Dibromofluoromethane	8.153	113	152403	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	10.547	98	543343	47.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.760%			
62) 4-Bromofluorobenzene	12.829	95	216897	51.737	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	143419	56.720	ug/l	100
3) Chloromethane	2.383	50	152078	47.827	ug/l	100
4) Vinyl Chloride	2.542	62	169468	53.629	ug/l	95
5) Bromomethane	2.971	94	89339	54.595	ug/l	96
6) Chloroethane	3.136	64	114275	55.452	ug/l	97
7) Trichlorofluoromethane	3.501	101	253745	54.304	ug/l	97
8) Diethyl Ether	3.965	74	112077	61.834	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	138606	57.785	ug/l	95
10) Methyl Iodide	4.577	142	91710	38.610	ug/l	91
11) Tert butyl alcohol	5.536	59	219902	286.700	ug/l	100
12) 1,1-Dichloroethene	4.330	96	140041	51.521	ug/l	99
13) Acrolein	4.177	56	135355	219.895	ug/l	99
14) Allyl chloride	5.012	41	254609	51.759	ug/l	94
15) Acrylonitrile	5.712	53	562090	270.058	ug/l	98
16) Acetone	4.430	43	530238	279.957	ug/l	98
17) Carbon Disulfide	4.700	76	356757	44.270	ug/l	# 93
18) Methyl Acetate	5.018	43	302650	63.602	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	601237	60.011	ug/l	96
20) Methylene Chloride	5.265	84	169920	53.111	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	153170	49.977	ug/l	93
22) Diisopropyl ether	6.659	45	612749	59.384	ug/l	97
23) Vinyl Acetate	6.594	43	2775483	307.552	ug/l	99
24) 1,1-Dichloroethane	6.553	63	318408	53.488	ug/l	98
25) 2-Butanone	7.471	43	850355	290.579	ug/l	98
26) 2,2-Dichloropropane	7.471	77	249304	53.865	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	284580	80.651	ug/l	97
28) Bromochloromethane	7.800	49	143451	50.351	ug/l	93
29) Tetrahydrofuran	7.830	42	541901	285.049	ug/l	99
30) Chloroform	7.953	83	341066	57.240	ug/l	99
31) Cyclohexane	8.241	56	253936	51.134	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	279470	54.153	ug/l	97
36) 1,1-Dichloropropene	8.353	75	214559	51.052	ug/l	98
37) Ethyl Acetate	7.553	43	307770	50.705	ug/l	98
38) Carbon Tetrachloride	8.347	117	228035	49.255	ug/l	93
39) Methylcyclohexane	9.583	83	237505	52.198	ug/l	96
40) Benzene	8.588	78	696316	51.262	ug/l	98

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41) Methacrylonitrile	7.765	41	175869	55.413	ug/l	98
42) 1,2-Dichloroethane	8.653	62	283996	55.133	ug/l	97
43) Isopropyl Acetate	8.677	43	532619	56.527	ug/l	97
44) Trichloroethene	9.335	130	321363	100.127	ug/l	88
45) 1,2-Dichloropropane	9.606	63	182390	52.845	ug/l	94
46) Dibromomethane	9.694	93	137378	53.162	ug/l	95
47) Bromodichloromethane	9.871	83	277559	53.324	ug/l	96
48) Methyl methacrylate	9.665	41	245497	57.875	ug/l	93
49) 1,4-Dioxane	9.688	88	69859	1075.274	ug/l #	97
51) 4-Methyl-2-Pentanone	10.430	43	1677266	281.447	ug/l	98
52) Toluene	10.612	92	435684	52.770	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	283224	53.765	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	296099	54.416	ug/l #	88
55) 1,1,2-Trichloroethane	11.000	97	176388	52.770	ug/l	94
56) Ethyl methacrylate	10.859	69	305796	54.213	ug/l	93
57) 1,3-Dichloropropane	11.147	76	313150	54.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	584151	213.042	ug/l	99
59) 2-Hexanone	11.182	43	1146887	290.068	ug/l	100
60) Dibromochloromethane	11.341	129	195208	51.209	ug/l	99
61) 1,2-Dibromoethane	11.447	107	185145	52.680	ug/l	98
64) Tetrachloroethene	11.088	164	120472	43.011	ug/l	96
65) Chlorobenzene	11.871	112	472723	48.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	165027	49.672	ug/l	100
67) Ethyl Benzene	11.941	91	844688	52.514	ug/l	99
68) m/p-Xylenes	12.053	106	627919	104.251	ug/l	93
69) o-Xylene	12.376	106	307518	53.449	ug/l	94
70) Styrene	12.394	104	539497	55.741	ug/l	98
71) Bromoform	12.559	173	129055	48.082	ug/l #	99
73) Isopropylbenzene	12.676	105	797605	54.677	ug/l	98
74) N-amyl acetate	12.500	43	204124	33.679	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.918	83	285137	51.946	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	244697m	47.080	ug/l	
77) Bromobenzene	12.959	156	183370	48.469	ug/l	91
78) n-propylbenzene	13.018	91	990768	53.982	ug/l	97
79) 2-Chlorotoluene	13.106	91	600287	53.218	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	686579	55.240	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	87284	45.950	ug/l	93
82) 4-Chlorotoluene	13.200	91	625581	53.269	ug/l	97
83) tert-Butylbenzene	13.418	119	576103	55.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	715753	56.391	ug/l	95
85) sec-Butylbenzene	13.594	105	866181	55.396	ug/l	99
86) p-Isopropyltoluene	13.706	119	703516	56.143	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	370720	49.929	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	374267	47.195	ug/l	97
89) n-Butylbenzene	14.035	91	697153	58.265	ug/l	98
90) Hexachloroethane	14.312	117	126427	47.619	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	361117	51.338	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	69760	48.406	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	212082	51.328	ug/l	99
94) Hexachlorobutadiene	15.476	225	79123	51.536	ug/l	97
95) Naphthalene	15.617	128	789585	53.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	206242	49.760	ug/l	99

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

