

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
 Data File : VN087672.D
 Acq On : 26 Aug 2025 16:02
 Operator : JC\MD
 Sample : VN0826WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:49:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	206976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	396217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	359977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193535	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.280%		
35) Dibromofluoromethane	8.147	113	136733	47.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	10.547	98	500993	46.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.580%		
62) 4-Bromofluorobenzene	12.829	95	179059	47.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67759	23.050	ug/l	99
3) Chloromethane	2.383	50	64475	21.342	ug/l	93
4) Vinyl Chloride	2.542	62	75068	21.431	ug/l	100
5) Bromomethane	2.983	94	39732	21.984	ug/l	100
6) Chloroethane	3.136	64	49343	20.043	ug/l	99
7) Trichlorofluoromethane	3.512	101	111231	21.675	ug/l	90
8) Diethyl Ether	3.959	74	44352	19.844	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	62830	21.637	ug/l	99
10) Methyl Iodide	4.577	142	29443	18.530	ug/l	98
11) Tert butyl alcohol	5.530	59	72173	98.034	ug/l	98
12) 1,1-Dichloroethene	4.342	96	60685	20.336	ug/l	93
13) Acrolein	4.177	56	85491	94.459	ug/l	98
14) Allyl chloride	5.018	41	98170	18.154	ug/l	96
15) Acrylonitrile	5.706	53	206499	99.457	ug/l	97
16) Acetone	4.424	43	211003	91.403	ug/l	97
17) Carbon Disulfide	4.700	76	153252	18.655	ug/l	100
18) Methyl Acetate	5.012	43	101791	21.059	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	223051	19.925	ug/l	98
20) Methylene Chloride	5.259	84	68454	19.750	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	61371	18.976	ug/l	95
22) Diisopropyl ether	6.659	45	232176	19.896	ug/l	94
23) Vinyl Acetate	6.589	43	962474	90.655	ug/l	99
24) 1,1-Dichloroethane	6.547	63	126126	19.712	ug/l	97
25) 2-Butanone	7.471	43	289526	95.329	ug/l	96
26) 2,2-Dichloropropane	7.477	77	103139	18.782	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	74996	19.397	ug/l	100
28) Bromochloromethane	7.794	49	56986	18.423	ug/l	99
29) Tetrahydrofuran	7.830	42	193504	99.001	ug/l	98
30) Chloroform	7.947	83	130682	20.010	ug/l	98
31) Cyclohexane	8.241	56	110045	20.631	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	108230	19.555	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88312	20.123	ug/l	98
37) Ethyl Acetate	7.547	43	114643	19.117	ug/l	97
38) Carbon Tetrachloride	8.341	117	90066	20.786	ug/l	91
39) Methylcyclohexane	9.582	83	95782	19.824	ug/l	96
40) Benzene	8.588	78	270802	20.118	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	62695	20.182	ug/l	99
42) 1,2-Dichloroethane	8.653	62	105520	20.400	ug/l	99
43) Isopropyl Acetate	8.677	43	195246	20.853	ug/l	99
44) Trichloroethene	9.330	130	59652	19.411	ug/l	94
45) 1,2-Dichloropropane	9.600	63	69537	19.599	ug/l	97
46) Dibromomethane	9.694	93	51853	20.537	ug/l	99
47) Bromodichloromethane	9.871	83	102379	19.785	ug/l	96
48) Methyl methacrylate	9.665	41	87071	19.661	ug/l	99
49) 1,4-Dioxane	9.682	88	23605	411.224	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	594306	105.205	ug/l	99
52) Toluene	10.612	92	165592	19.844	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	108215	20.204	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	114549	20.597	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	68489	21.216	ug/l	92
56) Ethyl methacrylate	10.859	69	106749	20.692	ug/l	96
57) 1,3-Dichloropropane	11.147	76	115068	20.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	277913	99.528	ug/l	98
59) 2-Hexanone	11.176	43	383755	107.489	ug/l	98
60) Dibromochloromethane	11.335	129	72855	19.478	ug/l	99
61) 1,2-Dibromoethane	11.447	107	68327	20.073	ug/l	100
64) Tetrachloroethene	11.082	164	50073	20.049	ug/l	93
65) Chlorobenzene	11.871	112	176540	19.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	63838	21.471	ug/l	96
67) Ethyl Benzene	11.941	91	315866	20.370	ug/l	97
68) m/p-Xylenes	12.053	106	231713	40.746	ug/l	99
69) o-Xylene	12.376	106	112208	20.134	ug/l	100
70) Styrene	12.388	104	189044	20.248	ug/l	98
71) Bromoform	12.559	173	46074	20.206	ug/l #	97
73) Isopropylbenzene	12.676	105	289737	19.404	ug/l	99
74) N-amyl acetate	12.535	43	96147m	16.991	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	106247	20.668	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	86445m	19.949	ug/l	
77) Bromobenzene	12.965	156	68239	19.383	ug/l	97
78) n-propylbenzene	13.018	91	369770	20.105	ug/l	100
79) 2-Chlorotoluene	13.106	91	213667	19.305	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	247355	19.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	30139	18.413	ug/l	87
82) 4-Chlorotoluene	13.200	91	228263	19.616	ug/l	99
83) tert-Butylbenzene	13.418	119	210808	19.971	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	254840	20.098	ug/l	100
85) sec-Butylbenzene	13.594	105	317754	20.285	ug/l	100
86) p-Isopropyltoluene	13.706	119	262003	20.256	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	136873	19.742	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	138615	19.212	ug/l	98
89) n-Butylbenzene	14.035	91	258480	20.121	ug/l	98
90) Hexachloroethane	14.312	117	50150	20.351	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	131763	20.032	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24883	20.376	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	76342	19.329	ug/l	97
94) Hexachlorobutadiene	15.476	225	29207	20.742	ug/l	99
95) Naphthalene	15.617	128	270597	19.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	74991	19.421	ug/l	99

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

