

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087965.D
 Acq On : 26 Sep 2025 14:45
 Operator : JC\MD
 Sample : VN0926WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 27 01:25:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	220191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	400196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	378862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	203685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	188570	50.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.780%			
35) Dibromofluoromethane	8.147	113	141234	48.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.220%			
50) Toluene-d8	10.547	98	513495	50.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.829	95	177972	48.728	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	56910	22.318	ug/l	98
3) Chloromethane	2.383	50	54562	20.897	ug/l	97
4) Vinyl Chloride	2.536	62	58986	22.144	ug/l	89
5) Bromomethane	2.983	94	35426	21.452	ug/l	92
6) Chloroethane	3.142	64	38123	22.011	ug/l	96
7) Trichlorofluoromethane	3.512	101	100834	23.249	ug/l	94
8) Diethyl Ether	3.959	74	33067	20.181	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	54956	23.974	ug/l #	86
10) Methyl Iodide	4.577	142	41741	20.232	ug/l	92
11) Tert butyl alcohol	5.518	59	58753	110.078	ug/l	96
12) 1,1-Dichloroethene	4.336	96	52527	22.710	ug/l	96
13) Acrolein	4.177	56	64478	94.150	ug/l	96
14) Allyl chloride	5.018	41	74555	19.800	ug/l	99
15) Acrylonitrile	5.706	53	181237	108.252	ug/l	98
16) Acetone	4.424	43	148318	97.279	ug/l	93
17) Carbon Disulfide	4.700	76	143985	19.924	ug/l	98
18) Methyl Acetate	5.024	43	86750	22.735	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	186178	20.606	ug/l	99
20) Methylene Chloride	5.259	84	65940	21.367	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	57413	20.248	ug/l	82
22) Diisopropyl ether	6.659	45	189759	21.587	ug/l	98
23) Vinyl Acetate	6.594	43	744278	100.560	ug/l	99
24) 1,1-Dichloroethane	6.547	63	107016	20.838	ug/l	99
25) 2-Butanone	7.471	43	244926	105.101	ug/l	98
26) 2,2-Dichloropropane	7.471	77	92827	20.344	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	68107	20.187	ug/l	99
28) Bromochloromethane	7.794	49	51846	18.581	ug/l	98
29) Tetrahydrofuran	7.824	42	158884	106.478	ug/l	98
30) Chloroform	7.947	83	117144	20.862	ug/l	100
31) Cyclohexane	8.241	56	92095	22.163	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	104783	22.084	ug/l	93
36) 1,1-Dichloropropene	8.353	75	78040	22.336	ug/l	99
37) Ethyl Acetate	7.547	43	98359	21.438	ug/l	98
38) Carbon Tetrachloride	8.341	117	87866	21.916	ug/l	95
39) Methylcyclohexane	9.582	83	89091	23.115	ug/l	97
40) Benzene	8.588	78	242515	20.964	ug/l	98

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41) Methacrylonitrile	7.771	41	51270	21.623	ug/l	96
42) 1,2-Dichloroethane	8.653	62	88632	20.530	ug/l	99
43) Isopropyl Acetate	8.676	43	151465	20.973	ug/l	100
44) Trichloroethene	9.329	130	57017	20.634	ug/l	98
45) 1,2-Dichloropropane	9.600	63	61763	21.292	ug/l	96
46) Dibromomethane	9.688	93	48883	21.356	ug/l	94
47) Bromodichloromethane	9.871	83	95747	21.327	ug/l	94
48) Methyl methacrylate	9.665	41	70991	21.227	ug/l	91
49) 1,4-Dioxane	9.676	88	20858	422.168	ug/l	97
51) 4-Methyl-2-Pentanone	10.423	43	497995	110.508	ug/l	98
52) Toluene	10.612	92	152386	20.991	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	93640	20.380	ug/l	92
54) cis-1,3-Dichloropropene	10.294	75	98120	20.561	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	64645	21.901	ug/l	90
56) Ethyl methacrylate	10.859	69	85838	20.126	ug/l	98
57) 1,3-Dichloropropane	11.141	76	104453	21.515	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	238856	119.108	ug/l	100
59) 2-Hexanone	11.176	43	322546	108.246	ug/l	98
60) Dibromochloromethane	11.335	129	72806	20.978	ug/l	100
61) 1,2-Dibromoethane	11.447	107	63600	20.353	ug/l	97
64) Tetrachloroethene	11.082	164	50924	22.066	ug/l	95
65) Chlorobenzene	11.870	112	168427	20.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	61968	21.314	ug/l	99
67) Ethyl Benzene	11.941	91	278539	20.704	ug/l	98
68) m/p-Xylenes	12.053	106	219069	42.577	ug/l	100
69) o-Xylene	12.376	106	101623	20.558	ug/l	98
70) Styrene	12.394	104	174794	20.589	ug/l	99
71) Bromoform	12.564	173	48671	20.633	ug/l #	97
73) Isopropylbenzene	12.676	105	271430	21.501	ug/l	99
74) N-amyl acetate	12.623	43	78250m	18.813	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	102456	22.526	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	93973m	23.405	ug/l	
77) Bromobenzene	12.959	156	69443	20.675	ug/l	98
78) n-propylbenzene	13.012	91	331077	20.977	ug/l	98
79) 2-Chlorotoluene	13.106	91	196805	20.479	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	229304	21.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	27356	18.919	ug/l	95
82) 4-Chlorotoluene	13.200	91	207757	21.455	ug/l	99
83) tert-Butylbenzene	13.417	119	192184	20.794	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	234049	20.897	ug/l	99
85) sec-Butylbenzene	13.594	105	296385	21.873	ug/l	98
86) p-Isopropyltoluene	13.706	119	245641	21.404	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	138265	21.095	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	140845	20.909	ug/l	99
89) n-Butylbenzene	14.035	91	233251	21.506	ug/l	98
90) Hexachloroethane	14.311	117	50145	20.917	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	128910	20.404	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20918	19.793	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	74584	19.994	ug/l	98
94) Hexachlorobutadiene	15.476	225	30867	22.482	ug/l	98
95) Naphthalene	15.617	128	232342	19.403	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	75352	20.778	ug/l	99

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

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