

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087752.D
 Acq On : 08 Sep 2025 10:59
 Operator : JC\MD
 Sample : VN0908WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:25:01 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	8.200	168	258577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	485156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	441331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	222091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	218750	41.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.580%		
35) Dibromofluoromethane	8.153	113	158477	45.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.480%		
50) Toluene-d8	10.541	98	590898	45.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.140%		
62) 4-Bromofluorobenzene	12.829	95	205499	44.075	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73365	19.977	ug/l	100
3) Chloromethane	2.383	50	69513	18.418	ug/l	97
4) Vinyl Chloride	2.536	62	85838	19.616	ug/l	95
5) Bromomethane	2.977	94	45484	20.144	ug/l	99
6) Chloroethane	3.136	64	55192	17.945	ug/l	91
7) Trichlorofluoromethane	3.512	101	136167	21.239	ug/l	98
8) Diethyl Ether	3.965	74	47810	17.123	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	72668	20.031	ug/l	97
10) Methyl Iodide	4.577	142	41396	19.999	ug/l	94
11) Tert butyl alcohol	5.524	59	79929	86.904	ug/l	99
12) 1,1-Dichloroethene	4.336	96	69614	18.673	ug/l	93
13) Acrolein	4.171	56	93977	83.114	ug/l	100
14) Allyl chloride	5.018	41	113894	16.859	ug/l	97
15) Acrylonitrile	5.700	53	217682	83.921	ug/l	98
16) Acetone	4.418	43	238653	82.750	ug/l	100
17) Carbon Disulfide	4.700	76	174549	17.007	ug/l #	93
18) Methyl Acetate	5.006	43	119785	19.837	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	235653	16.850	ug/l	95
20) Methylene Chloride	5.265	84	74389	17.014	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	65787	16.282	ug/l	96
22) Diisopropyl ether	6.659	45	257486	17.661	ug/l	95
23) Vinyl Acetate	6.583	43	1118229	84.307	ug/l	99
24) 1,1-Dichloroethane	6.553	63	139411	17.441	ug/l	98
25) 2-Butanone	7.465	43	319032	84.082	ug/l	99
26) 2,2-Dichloropropane	7.465	77	127888	18.641	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	80740	16.716	ug/l	95
28) Bromochloromethane	7.794	49	69833	18.071	ug/l	100
29) Tetrahydrofuran	7.824	42	210586	86.240	ug/l	97
30) Chloroform	7.953	83	147251	18.048	ug/l	98
31) Cyclohexane	8.236	56	127627	19.152	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	132533	19.168	ug/l	92
36) 1,1-Dichloropropene	8.347	75	102079	18.996	ug/l	98
37) Ethyl Acetate	7.541	43	124877	17.006	ug/l	99
38) Carbon Tetrachloride	8.347	117	106764	20.123	ug/l	95
39) Methylcyclohexane	9.582	83	118230	19.984	ug/l	95
40) Benzene	8.583	78	297160	18.029	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	67081	17.635	ug/l	98
42) 1,2-Dichloroethane	8.653	62	112275	17.726	ug/l	100
43) Isopropyl Acetate	8.671	43	210401	18.352	ug/l	99
44) Trichloroethene	9.330	130	69127	18.370	ug/l	93
45) 1,2-Dichloropropane	9.600	63	78756	18.128	ug/l	100
46) Dibromomethane	9.682	93	56820	18.379	ug/l	99
47) Bromodichloromethane	9.865	83	118102	18.639	ug/l	98
48) Methyl methacrylate	9.659	41	94316	17.393	ug/l	99
49) 1,4-Dioxane	9.682	88	27406	389.917	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	646677	93.490	ug/l	100
52) Toluene	10.606	92	185975	18.201	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	118986	18.142	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	125482	18.426	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	72632	18.375	ug/l	92
56) Ethyl methacrylate	10.859	69	114157	18.071	ug/l	97
57) 1,3-Dichloropropane	11.141	76	126458	18.077	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	282264	82.555	ug/l	99
59) 2-Hexanone	11.176	43	423656	96.912	ug/l	100
60) Dibromochloromethane	11.335	129	82036	17.912	ug/l	97
61) 1,2-Dibromoethane	11.447	107	75577	18.133	ug/l	99
64) Tetrachloroethene	11.082	164	56389	18.416	ug/l	94
65) Chlorobenzene	11.871	112	203637	18.547	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	71951	19.739	ug/l	97
67) Ethyl Benzene	11.941	91	358884	18.878	ug/l	97
68) m/p-Xylenes	12.053	106	268431	38.502	ug/l	100
69) o-Xylene	12.376	106	127085	18.600	ug/l	99
70) Styrene	12.388	104	220351	19.250	ug/l	98
71) Bromoform	12.559	173	53814	19.250	ug/l #	96
73) Isopropylbenzene	12.671	105	345651	19.260	ug/l	99
74) N-amyl acetate	12.518	43	133540m	19.635	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	116185	18.804	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	108953m	20.920	ug/l	
77) Bromobenzene	12.959	156	78290	18.502	ug/l	98
78) n-propylbenzene	13.012	91	436855	19.762	ug/l	99
79) 2-Chlorotoluene	13.106	91	246272	18.513	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	285968	18.784	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	36306	18.455	ug/l	89
82) 4-Chlorotoluene	13.200	91	254916	18.226	ug/l	95
83) tert-Butylbenzene	13.412	119	253599	19.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	289694	19.008	ug/l	99
85) sec-Butylbenzene	13.594	105	383799	20.386	ug/l	100
86) p-Isopropyltoluene	13.706	119	312580	20.106	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	151885	18.227	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	155616	17.945	ug/l	99
89) n-Butylbenzene	14.029	91	318818	20.649	ug/l	98
90) Hexachloroethane	14.306	117	62932	21.248	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	146989	18.593	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24273	16.537	ug/l	91
93) 1,2,4-Trichlorobenzene	15.364	180	87432	18.418	ug/l	98
94) Hexachlorobutadiene	15.476	225	37129	21.939	ug/l	98
95) Naphthalene	15.611	128	286160	17.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.806	180	83735	18.043	ug/l	99

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

