

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087753.D
 Acq On : 08 Sep 2025 11:20
 Operator : JC\MD
 Sample : VN0908WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:25:55 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	249385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	457673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	416132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	211983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	206596	40.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.860%		
35) Dibromofluoromethane	8.147	113	148695	44.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	10.541	98	548220	44.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.824	95	195567	44.464	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72836	20.564	ug/l	100
3) Chloromethane	2.383	50	68923	18.935	ug/l	100
4) Vinyl Chloride	2.536	62	80749	19.133	ug/l	95
5) Bromomethane	2.983	94	45587	20.934	ug/l	93
6) Chloroethane	3.142	64	52824	17.808	ug/l	98
7) Trichlorofluoromethane	3.512	101	127701	20.652	ug/l	98
8) Diethyl Ether	3.959	74	46202	17.157	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	71165	20.340	ug/l	98
10) Methyl Iodide	4.577	142	43325	21.123	ug/l	97
11) Tert butyl alcohol	5.518	59	74221	83.672	ug/l	100
12) 1,1-Dichloroethene	4.342	96	68169	18.960	ug/l	91
13) Acrolein	4.183	56	92142	84.495	ug/l	98
14) Allyl chloride	5.012	41	103832	15.936	ug/l	96
15) Acrylonitrile	5.706	53	212443	84.920	ug/l	100
16) Acetone	4.418	43	215166	77.356	ug/l	99
17) Carbon Disulfide	4.706	76	167947	16.967	ug/l	97
18) Methyl Acetate	5.018	43	117921	20.248	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	237911	17.638	ug/l	96
20) Methylene Chloride	5.265	84	69247	16.377	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	64185	16.471	ug/l	98
22) Diisopropyl ether	6.659	45	249101	17.716	ug/l	98
23) Vinyl Acetate	6.589	43	1099462	85.948	ug/l	100
24) 1,1-Dichloroethane	6.553	63	136523	17.709	ug/l	98
25) 2-Butanone	7.471	43	304929	83.327	ug/l	100
26) 2,2-Dichloropropane	7.477	77	122562	18.523	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	79529	17.072	ug/l	98
28) Bromochloromethane	7.794	49	65165	17.484	ug/l	99
29) Tetrahydrofuran	7.824	42	196862	83.591	ug/l	98
30) Chloroform	7.947	83	140240	17.822	ug/l	91
31) Cyclohexane	8.236	56	119832	18.645	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	121426	18.209	ug/l	97
36) 1,1-Dichloropropene	8.347	75	93562	18.456	ug/l	97
37) Ethyl Acetate	7.547	43	119316	17.224	ug/l	99
38) Carbon Tetrachloride	8.341	117	105004	20.979	ug/l	93
39) Methylcyclohexane	9.583	83	111909	20.051	ug/l	97
40) Benzene	8.588	78	289813	18.639	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	7.765	41	65320	18.204	ug/l	96
42) 1,2-Dichloroethane	8.647	62	110324	18.464	ug/l	100
43) Isopropyl Acetate	8.671	43	198675	18.370	ug/l	98
44) Trichloroethene	9.336	130	65759	18.525	ug/l	99
45) 1,2-Dichloropropane	9.600	63	75239	18.358	ug/l	98
46) Dibromomethane	9.688	93	56413	19.343	ug/l	97
47) Bromodichloromethane	9.871	83	114773	19.202	ug/l	94
48) Methyl methacrylate	9.659	41	90670	17.724	ug/l	99
49) 1,4-Dioxane	9.683	88	24445	368.674	ug/l #	91
51) 4-Methyl-2-Pentanone	10.424	43	618693	94.816	ug/l	100
52) Toluene	10.606	92	179456	18.617	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	118072	19.084	ug/l	94
54) cis-1,3-Dichloropropene	10.288	75	121736	18.950	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	71727	19.236	ug/l	97
56) Ethyl methacrylate	10.853	69	117235	19.673	ug/l	98
57) 1,3-Dichloropropane	11.141	76	123780	18.757	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	278264	86.272	ug/l	100
59) 2-Hexanone	11.177	43	401035	97.246	ug/l	100
60) Dibromochloromethane	11.335	129	81915	18.959	ug/l	99
61) 1,2-Dibromoethane	11.447	107	72863	18.531	ug/l	99
64) Tetrachloroethene	11.082	164	55013	19.055	ug/l	92
65) Chlorobenzene	11.871	112	194912	18.827	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	71101	20.687	ug/l	98
67) Ethyl Benzene	11.941	91	344565	19.223	ug/l	97
68) m/p-Xylenes	12.047	106	256482	39.015	ug/l	98
69) o-Xylene	12.377	106	121236	18.819	ug/l	96
70) Styrene	12.388	104	210348	19.489	ug/l	99
71) Bromoform	12.559	173	53879	20.440	ug/l	96
73) Isopropylbenzene	12.671	105	328324	19.167	ug/l	99
74) N-amyl acetate	12.518	43	114874m	17.696	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	115548	19.593	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	101515m	20.421	ug/l	
77) Bromobenzene	12.959	156	76306	18.893	ug/l	98
78) n-propylbenzene	13.012	91	417970	19.810	ug/l	99
79) 2-Chlorotoluene	13.100	91	246367	19.403	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	275555	18.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	33950	18.080	ug/l	90
82) 4-Chlorotoluene	13.200	91	248629	18.624	ug/l	98
83) tert-Butylbenzene	13.412	119	246075	20.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	277689	19.089	ug/l	99
85) sec-Butylbenzene	13.594	105	365499	20.339	ug/l	99
86) p-Isopropyltoluene	13.706	119	300261	20.235	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	151214	19.012	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	154233	18.634	ug/l	99
89) n-Butylbenzene	14.029	91	303902	20.621	ug/l	100
90) Hexachloroethane	14.312	117	59984	21.218	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	143673	19.040	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23538	16.801	ug/l	94
93) 1,2,4-Trichlorobenzene	15.365	180	83637	18.458	ug/l	99
94) Hexachlorobutadiene	15.470	225	34460	21.332	ug/l	98
95) Naphthalene	15.612	128	284818	17.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	81832	18.474	ug/l	99

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

