

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087778.D
 Acq On : 10 Sep 2025 13:50
 Operator : JC\MD
 Sample : VN0910WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
 Supervised By :Mahesh Dadoda 09/11/2025

Quant Time: Sep 11 02:03:13 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	258583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	480224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	451507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	236702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	238905	45.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.180%		
35) Dibromofluoromethane	8.147	113	171837	49.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	10.547	98	623165	48.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.823	95	216720	46.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71486	19.465	ug/l	97
3) Chloromethane	2.383	50	75689	20.054	ug/l	97
4) Vinyl Chloride	2.536	62	82893	18.942	ug/l	96
5) Bromomethane	2.983	94	48062	21.285	ug/l	99
6) Chloroethane	3.142	64	57557	18.713	ug/l	100
7) Trichlorofluoromethane	3.512	101	133185	20.773	ug/l	93
8) Diethyl Ether	3.965	74	55136	19.746	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	72141	19.885	ug/l	99
10) Methyl Iodide	4.577	142	50321	22.843	ug/l	93
11) Tert butyl alcohol	5.518	59	89083	96.854	ug/l	99
12) 1,1-Dichloroethene	4.336	96	71585	19.201	ug/l	87
13) Acrolein	4.177	56	87390	77.286	ug/l	97
14) Allyl chloride	5.012	41	116475	17.240	ug/l	97
15) Acrylonitrile	5.706	53	259106	99.888	ug/l	98
16) Acetone	4.418	43	269935	93.594	ug/l	98
17) Carbon Disulfide	4.700	76	174184	16.971	ug/l	98
18) Methyl Acetate	5.018	43	143215	23.716	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	268923	19.228	ug/l	98
20) Methylene Chloride	5.265	84	82321	18.963	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	74353	18.402	ug/l	92
22) Diisopropyl ether	6.659	45	284767	19.532	ug/l	99
23) Vinyl Acetate	6.589	43	1263475	95.256	ug/l	98
24) 1,1-Dichloroethane	6.559	63	151717	18.980	ug/l	99
25) 2-Butanone	7.471	43	366930	96.703	ug/l	99
26) 2,2-Dichloropropane	7.471	77	131518	19.170	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	92241	19.096	ug/l	98
28) Bromochloromethane	7.794	49	68719	17.782	ug/l	100
29) Tetrahydrofuran	7.830	42	234760	96.138	ug/l	99
30) Chloroform	7.947	83	165649	20.302	ug/l	94
31) Cyclohexane	8.241	56	119732	17.967	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	136846	19.791	ug/l	97
36) 1,1-Dichloropropene	8.353	75	100769	18.945	ug/l	98
37) Ethyl Acetate	7.547	43	150409	20.693	ug/l	99
38) Carbon Tetrachloride	8.341	117	112680	21.456	ug/l	93
39) Methylcyclohexane	9.583	83	110999	18.954	ug/l	97
40) Benzene	8.588	78	332807	20.399	ug/l	100

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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	82456	21.900	ug/l	95
42) 1,2-Dichloroethane	8.653	62	129154	20.601	ug/l	98
43) Isopropyl Acetate	8.677	43	235768	20.776	ug/l	99
44) Trichloroethene	9.330	130	76012	20.407	ug/l	98
45) 1,2-Dichloropropane	9.600	63	85499	19.882	ug/l	98
46) Dibromomethane	9.683	93	64916	21.213	ug/l	98
47) Bromodichloromethane	9.871	83	134925	21.513	ug/l	94
48) Methyl methacrylate	9.665	41	109874	20.470	ug/l	97
49) 1,4-Dioxane	9.671	88	28068	403.436	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	744444	108.730	ug/l	100
52) Toluene	10.606	92	206022	20.370	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	138171	21.284	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	141735	21.027	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	86280	22.052	ug/l	96
56) Ethyl methacrylate	10.859	69	130062	20.801	ug/l	97
57) 1,3-Dichloropropane	11.141	76	146172	21.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	308927	91.281	ug/l	99
59) 2-Hexanone	11.177	43	481127	111.189	ug/l	98
60) Dibromochloromethane	11.335	129	98766	21.786	ug/l	100
61) 1,2-Dibromoethane	11.447	107	89587	21.715	ug/l	97
64) Tetrachloroethene	11.082	164	61912	19.764	ug/l	94
65) Chlorobenzene	11.871	112	231898	20.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	82123	22.022	ug/l	97
67) Ethyl Benzene	11.941	91	393494	20.232	ug/l	100
68) m/p-Xylenes	12.047	106	299338	41.967	ug/l	95
69) o-Xylene	12.376	106	136754	19.564	ug/l	99
70) Styrene	12.388	104	245673	20.979	ug/l	98
71) Bromoform	12.553	173	64901	22.693	ug/l #	98
73) Isopropylbenzene	12.671	105	367905	19.235	ug/l	100
74) N-amyl acetate	12.541	43	124884m	17.229	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	140037	21.265	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	120754m	21.754	ug/l	
77) Bromobenzene	12.959	156	90349	20.034	ug/l	98
78) n-propylbenzene	13.012	91	460998	19.567	ug/l	99
79) 2-Chlorotoluene	13.100	91	274914	19.390	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	316481	19.505	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	40528	19.329	ug/l	90
82) 4-Chlorotoluene	13.200	91	292510	19.623	ug/l	98
83) tert-Butylbenzene	13.412	119	270855	20.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	317922	19.573	ug/l	99
85) sec-Butylbenzene	13.594	105	410735	20.470	ug/l	100
86) p-Isopropyltoluene	13.706	119	337508	20.370	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	175185	19.726	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	183301	19.833	ug/l	99
89) n-Butylbenzene	14.035	91	328447	19.960	ug/l	98
90) Hexachloroethane	14.312	117	69127	21.899	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	170592	20.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	31540	20.162	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	99886	19.742	ug/l	99
94) Hexachlorobutadiene	15.470	225	40181	22.276	ug/l	98
95) Naphthalene	15.612	128	344659	19.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	98128	19.839	ug/l	98

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

