

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087796.D
 Acq On : 11 Sep 2025 14:42
 Operator : JC\MD
 Sample : VN0911WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2025
 Supervised By : Mahesh Dadoda 09/12/2025

Quant Time: Sep 12 02:52:30 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	284367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	516573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	252435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	248999	42.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.480%		
35) Dibromofluoromethane	8.147	113	184238	49.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.800%		
50) Toluene-d8	10.547	98	658053	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.829	95	235639	47.466	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	90187	22.330	ug/l	97
3) Chloromethane	2.383	50	92197	22.213	ug/l	95
4) Vinyl Chloride	2.536	62	104785	21.774	ug/l	99
5) Bromomethane	2.977	94	59650	24.022	ug/l	95
6) Chloroethane	3.136	64	68245	20.177	ug/l	93
7) Trichlorofluoromethane	3.512	101	160411	22.751	ug/l	100
8) Diethyl Ether	3.959	74	61819	20.132	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	87627	21.964	ug/l	94
10) Methyl Iodide	4.583	142	64098	25.380	ug/l	96
11) Tert butyl alcohol	5.530	59	106308	105.102	ug/l	99
12) 1,1-Dichloroethene	4.330	96	87329	21.301	ug/l	93
13) Acrolein	4.183	56	84753	68.158	ug/l	99
14) Allyl chloride	5.018	41	135039	18.176	ug/l	98
15) Acrylonitrile	5.706	53	284485	99.728	ug/l	98
16) Acetone	4.424	43	281669	88.807	ug/l	96
17) Carbon Disulfide	4.695	76	245100	21.716	ug/l	95
18) Methyl Acetate	5.024	43	126495	19.048	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	302111	19.643	ug/l	92
20) Methylene Chloride	5.265	84	97533	20.528	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	88859	19.998	ug/l	88
22) Diisopropyl ether	6.659	45	309822	19.324	ug/l	98
23) Vinyl Acetate	6.594	43	1457687	99.933	ug/l	99
24) 1,1-Dichloroethane	6.553	63	171709	19.533	ug/l #	93
25) 2-Butanone	7.471	43	406134	97.330	ug/l	99
26) 2,2-Dichloropropane	7.471	77	151340	20.059	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	103096	19.408	ug/l	97
28) Bromochloromethane	7.800	49	82350	19.377	ug/l	97
29) Tetrahydrofuran	7.830	42	262404	97.715	ug/l	99
30) Chloroform	7.947	83	182840	20.378	ug/l	100
31) Cyclohexane	8.236	56	153604	20.960	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	156909	20.635	ug/l	98
36) 1,1-Dichloropropene	8.347	75	119325	20.855	ug/l	95
37) Ethyl Acetate	7.547	43	156153	19.972	ug/l	98
38) Carbon Tetrachloride	8.341	117	133901	23.702	ug/l	98
39) Methylcyclohexane	9.577	83	147246	23.375	ug/l	97
40) Benzene	8.583	78	385488	21.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	84250	20.802	ug/l	98
42) 1,2-Dichloroethane	8.653	62	143929	21.342	ug/l	100
43) Isopropyl Acetate	8.671	43	256028	20.974	ug/l	98
44) Trichloroethene	9.330	130	89641	22.373	ug/l	97
45) 1,2-Dichloropropane	9.600	63	95736	20.696	ug/l	100
46) Dibromomethane	9.688	93	73049	22.191	ug/l	95
47) Bromodichloromethane	9.865	83	149553	22.168	ug/l	97
48) Methyl methacrylate	9.665	41	120665	20.898	ug/l	97
49) 1,4-Dioxane	9.683	88	36752	491.085	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	804345	109.212	ug/l	100
52) Toluene	10.612	92	239807	22.042	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	149420	21.397	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	155127	21.394	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	94082	22.354	ug/l	97
56) Ethyl methacrylate	10.853	69	143672	21.360	ug/l	97
57) 1,3-Dichloropropane	11.141	76	161502	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	278180	76.412	ug/l	99
59) 2-Hexanone	11.177	43	516097	110.878	ug/l	99
60) Dibromochloromethane	11.335	129	107819	22.109	ug/l	99
61) 1,2-Dibromoethane	11.447	107	97873	22.054	ug/l	98
64) Tetrachloroethene	11.082	164	74523	22.891	ug/l	89
65) Chlorobenzene	11.871	112	255372	21.876	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	90019	23.227	ug/l	99
67) Ethyl Benzene	11.941	91	450854	22.306	ug/l	98
68) m/p-Xylenes	12.047	106	343287	46.310	ug/l	98
69) o-Xylene	12.376	106	160231	22.057	ug/l	99
70) Styrene	12.388	104	275652	22.649	ug/l	99
71) Bromoform	12.559	173	71739	24.136	ug/l #	98
73) Isopropylbenzene	12.671	105	423440	20.758	ug/l	99
74) N-amyl acetate	12.524	43	148966m	19.270	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	150166	21.382	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	135367m	22.867	ug/l	
77) Bromobenzene	12.959	156	99260	20.638	ug/l	99
78) n-propylbenzene	13.012	91	538903	21.448	ug/l	100
79) 2-Chlorotoluene	13.106	91	314012	20.768	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	360655	20.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	44946	20.100	ug/l	85
82) 4-Chlorotoluene	13.200	91	323353	20.340	ug/l	100
83) tert-Butylbenzene	13.412	119	306158	21.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	368292	21.261	ug/l	100
85) sec-Butylbenzene	13.594	105	468005	21.870	ug/l	98
86) p-Isopropyltoluene	13.706	119	389998	22.071	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	202490	21.379	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	203735	20.670	ug/l	99
89) n-Butylbenzene	14.035	91	378369	21.560	ug/l	99
90) Hexachloroethane	14.306	117	77697	23.080	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	196560	21.875	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	32962	19.758	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	111854	20.730	ug/l	98
94) Hexachlorobutadiene	15.470	225	47970	24.937	ug/l	98
95) Naphthalene	15.612	128	386312	20.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	113978	21.607	ug/l	98

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

