

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086872.D
 Acq On : 06 Jun 2025 17:33
 Operator : JC\MD
 Sample : VN0606WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Quant Time: Jun 07 02:26:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	402533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151774	50.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.760%			
35) Dibromofluoromethane	8.177	113	125873	52.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.571	98	487884	51.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.320%			
62) 4-Bromofluorobenzene	12.847	95	183483	52.296	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.159	85	48688	21.702	ug/l	95
3) Chloromethane	2.395	50	55173	19.044	ug/l	100
4) Vinyl Chloride	2.559	62	60756	20.330	ug/l	100
5) Bromomethane	3.001	94	37314	22.312	ug/l	99
6) Chloroethane	3.153	64	38618	20.005	ug/l	95
7) Trichlorofluoromethane	3.524	101	80311	20.568	ug/l	100
8) Diethyl Ether	3.983	74	33827	19.884	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	49821	20.309	ug/l	98
10) Methyl Iodide	4.612	142	62277	19.584	ug/l	97
11) Tert butyl alcohol	5.547	59	86190	105.437	ug/l	99
12) 1,1-Dichloroethene	4.365	96	51260	20.468	ug/l	100
13) Acrolein	4.200	56	22729	87.840	ug/l	98
14) Allyl chloride	5.047	41	81710	19.673	ug/l	99
15) Acrylonitrile	5.742	53	195998	102.580	ug/l	99
16) Acetone	4.447	43	156113	97.715	ug/l	98
17) Carbon Disulfide	4.736	76	135732	19.593	ug/l	98
18) Methyl Acetate	5.047	43	95265	20.462	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	182631	20.140	ug/l	99
20) Methylene Chloride	5.300	84	58117	19.430	ug/l	99
21) trans-1,2-Dichloroethene	5.812	96	54484	19.553	ug/l	96
22) Diisopropyl ether	6.689	45	179927	20.551	ug/l	99
23) Vinyl Acetate	6.618	43	765548	103.492	ug/l	99
24) 1,1-Dichloroethane	6.588	63	102036	20.251	ug/l	99
25) 2-Butanone	7.494	43	262488	101.077	ug/l	98
26) 2,2-Dichloropropane	7.500	77	86931	22.180	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	69340	20.808	ug/l	98
28) Bromochloromethane	7.830	49	46886	18.926	ug/l	99
29) Tetrahydrofuran	7.853	42	174855	103.360	ug/l	99
30) Chloroform	7.977	83	102214	20.314	ug/l	99
31) Cyclohexane	8.271	56	97739	20.003	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	85542	19.988	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73096	20.564	ug/l	100
37) Ethyl Acetate	7.571	43	93854	20.741	ug/l	98
38) Carbon Tetrachloride	8.371	117	72406	20.748	ug/l	95
39) Methylcyclohexane	9.606	83	99856	20.504	ug/l	98
40) Benzene	8.612	78	239736	20.625	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	52306	20.582	ug/l	99
42) 1,2-Dichloroethane	8.677	62	73574	20.868	ug/l	100
43) Isopropyl Acetate	8.694	43	148799	20.488	ug/l	100
44) Trichloroethene	9.359	130	57328	20.800	ug/l	97
45) 1,2-Dichloropropane	9.624	63	58864	20.815	ug/l	96
46) Dibromomethane	9.712	93	40053	21.324	ug/l	97
47) Bromodichloromethane	9.894	83	80677	20.876	ug/l	99
48) Methyl methacrylate	9.682	41	70344	21.043	ug/l	97
49) 1,4-Dioxane	9.706	88	28796	473.519	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	464681	106.280	ug/l	99
52) Toluene	10.635	92	146618	20.640	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	91506	21.175	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	97642	21.117	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	56961	20.839	ug/l	98
56) Ethyl methacrylate	10.882	69	92636	21.278	ug/l	98
57) 1,3-Dichloropropane	11.165	76	96244	20.298	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	258149	99.415	ug/l	99
59) 2-Hexanone	11.206	43	297142	105.508	ug/l	96
60) Dibromochloromethane	11.359	129	59173	20.778	ug/l	98
61) 1,2-Dibromoethane	11.471	107	58990	21.056	ug/l	97
64) Tetrachloroethene	11.106	164	44839	19.794	ug/l	95
65) Chlorobenzene	11.894	112	160180	20.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	51864	20.438	ug/l	99
67) Ethyl Benzene	11.965	91	275518	20.262	ug/l	97
68) m/p-Xylenes	12.070	106	212632	40.850	ug/l	99
69) o-Xylene	12.400	106	103522	20.766	ug/l	100
70) Styrene	12.412	104	177425	20.798	ug/l	99
71) Bromoform	12.576	173	40215	21.388	ug/l #	99
73) Isopropylbenzene	12.694	105	266122	20.679	ug/l	99
74) N-amyl acetate	12.518	43	92003	20.459	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	92502	21.217	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	91302m	21.744	ug/l	
77) Bromobenzene	12.982	156	60287	20.427	ug/l	97
78) n-propylbenzene	13.035	91	323439	20.681	ug/l	100
79) 2-Chlorotoluene	13.123	91	193164	20.595	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	222349	20.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35994	19.732	ug/l	98
82) 4-Chlorotoluene	13.223	91	196701	20.727	ug/l	99
83) tert-Butylbenzene	13.435	119	200174	20.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	223054	20.935	ug/l	99
85) sec-Butylbenzene	13.617	105	293250	20.762	ug/l	99
86) p-Isopropyltoluene	13.729	119	241186	20.658	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	119968	20.660	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	122641	20.716	ug/l	99
89) n-Butylbenzene	14.053	91	233994	20.691	ug/l	99
90) Hexachloroethane	14.335	117	41131	20.783	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	114546	20.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20913	20.058	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	74704	20.970	ug/l	100
94) Hexachlorobutadiene	15.500	225	28684	21.612	ug/l	99
95) Naphthalene	15.641	128	271340	20.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70930	20.040	ug/l	99

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

