

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086970.D
 Acq On : 12 Jun 2025 12:17
 Operator : JC\MD
 Sample : VN0612WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

Quant Time: Jun 13 01:25:01 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 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	173273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	314156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125156	53.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.900%			
35) Dibromofluoromethane	8.177	113	103933	55.825	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.660%			
50) Toluene-d8	10.571	98	392546	53.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.847	95	148970	54.403	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	36460	21.104	ug/l	97
3) Chloromethane	2.401	50	38958	17.463	ug/l	97
4) Vinyl Chloride	2.554	62	48328	21.000	ug/l	98
5) Bromomethane	3.001	94	22531	17.495	ug/l	97
6) Chloroethane	3.159	64	32356	21.766	ug/l	92
7) Trichlorofluoromethane	3.530	101	65233	21.695	ug/l	95
8) Diethyl Ether	3.983	74	28350	21.641	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.395	101	40180	21.270	ug/l	98
10) Methyl Iodide	4.618	142	23501	9.597	ug/l	97
11) Tert butyl alcohol	5.536	59	65618	104.240	ug/l	99
12) 1,1-Dichloroethene	4.365	96	40676	21.091	ug/l	93
13) Acrolein	4.200	56	33747	169.365	ug/l	99
14) Allyl chloride	5.047	41	63299	19.791	ug/l	98
15) Acrylonitrile	5.736	53	156430	106.318	ug/l	100
16) Acetone	4.447	43	120863	98.240	ug/l	96
17) Carbon Disulfide	4.736	76	101323	18.993	ug/l	100
18) Methyl Acetate	5.047	43	78773	21.972	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	152749	21.875	ug/l	98
20) Methylene Chloride	5.295	84	48876	21.220	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	43818	20.421	ug/l	92
22) Diisopropyl ether	6.689	45	145101	21.522	ug/l	97
23) Vinyl Acetate	6.618	43	611650	107.377	ug/l	98
24) 1,1-Dichloroethane	6.589	63	85515	22.040	ug/l	99
25) 2-Butanone	7.494	43	205713	102.868	ug/l	98
26) 2,2-Dichloropropane	7.506	77	71534	23.702	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	56478	22.009	ug/l	96
28) Bromochloromethane	7.824	49	45259	23.725	ug/l	97
29) Tetrahydrofuran	7.853	42	135775	104.225	ug/l	98
30) Chloroform	7.977	83	84684	21.856	ug/l	98
31) Cyclohexane	8.265	56	71299	18.949	ug/l	99
32) 1,1,1-Trichloroethane	8.183	97	71493	21.694	ug/l	95
36) 1,1-Dichloropropene	8.383	75	58526	21.096	ug/l	99
37) Ethyl Acetate	7.571	43	74748	21.166	ug/l	99
38) Carbon Tetrachloride	8.371	117	58792	21.586	ug/l	95
39) Methylcyclohexane	9.606	83	66682	17.544	ug/l	98
40) Benzene	8.612	78	193460	21.326	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	41896	21.124	ug/l	97
42) 1,2-Dichloroethane	8.677	62	59956	21.790	ug/l	99
43) Isopropyl Acetate	8.694	43	117544	20.737	ug/l	98
44) Trichloroethene	9.359	130	45088	20.961	ug/l	98
45) 1,2-Dichloropropane	9.624	63	49243	22.312	ug/l	100
46) Dibromomethane	9.712	93	32843	22.404	ug/l	98
47) Bromodichloromethane	9.894	83	66358	22.001	ug/l	98
48) Methyl methacrylate	9.688	41	52047	19.950	ug/l	98
49) 1,4-Dioxane	9.706	88	21261	447.966	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	359377	105.318	ug/l	98
52) Toluene	10.629	92	116927	21.091	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	74495	22.088	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	79382	21.998	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	48547	22.758	ug/l	98
56) Ethyl methacrylate	10.882	69	73030	21.494	ug/l	97
57) 1,3-Dichloropropane	11.165	76	80790	21.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	200203	98.789	ug/l	100
59) 2-Hexanone	11.206	43	215266	97.938	ug/l	95
60) Dibromochloromethane	11.359	129	49479	22.262	ug/l	99
61) 1,2-Dibromoethane	11.471	107	48402	22.136	ug/l	98
64) Tetrachloroethene	11.106	164	34241	19.681	ug/l	98
65) Chlorobenzene	11.894	112	131549	21.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43218	22.175	ug/l	99
67) Ethyl Benzene	11.965	91	217992	20.873	ug/l	98
68) m/p-Xylenes	12.071	106	169820	42.478	ug/l	99
69) o-Xylene	12.400	106	82017	21.421	ug/l	100
70) Styrene	12.412	104	140183	21.396	ug/l	99
71) Bromoform	12.576	173	33139	22.948	ug/l #	99
73) Isopropylbenzene	12.694	105	204530	20.519	ug/l	99
74) N-amyl acetate	12.535	43	56544	16.234	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	76512	22.658	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	66026m	20.301	ug/l	
77) Bromobenzene	12.982	156	50066	21.902	ug/l	98
78) n-propylbenzene	13.035	91	247511	20.433	ug/l	99
79) 2-Chlorotoluene	13.123	91	152249	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	170818	20.757	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27273	19.304	ug/l	98
82) 4-Chlorotoluene	13.218	91	155948	21.216	ug/l	99
83) tert-Butylbenzene	13.435	119	151864	20.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	169546	20.546	ug/l	98
85) sec-Butylbenzene	13.618	105	210831	19.272	ug/l	100
86) p-Isopropyltoluene	13.729	119	175806	19.441	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	95865	21.315	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100746	21.971	ug/l	99
89) n-Butylbenzene	14.053	91	163452	18.661	ug/l	99
90) Hexachloroethane	14.329	117	30880	20.146	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	94471	21.864	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16648	20.615	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	54215	19.649	ug/l	98
94) Hexachlorobutadiene	15.500	225	17038	16.574	ug/l	98
95) Naphthalene	15.635	128	210396	20.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	52332	19.090	ug/l	99

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

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