

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087020.D
 Acq On : 16 Jun 2025 11:04
 Operator : JC\MD
 Sample : VN0616WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2025
 Supervised By : Semsettin Yesilyurt 06/17/2025

Quant Time: Jun 17 07:18:49 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	198479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114172	42.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.920%		
35) Dibromofluoromethane	8.177	113	99113	47.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	10.565	98	374388	45.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.880%		
62) 4-Bromofluorobenzene	12.847	95	141176	46.119	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	37533	18.966	ug/l	98
3) Chloromethane	2.400	50	39606	15.499	ug/l	98
4) Vinyl Chloride	2.553	62	52585	19.948	ug/l	97
5) Bromomethane	3.000	94	20257	13.732	ug/l	100
6) Chloroethane	3.159	64	32603	19.147	ug/l	94
7) Trichlorofluoromethane	3.530	101	65961	19.152	ug/l	96
8) Diethyl Ether	3.989	74	28248	18.824	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.406	101	40915	18.908	ug/l	98
10) Methyl Iodide	4.618	142	17914	6.386	ug/l	94
11) Tert butyl alcohol	5.536	59	55506	76.978	ug/l	100
12) 1,1-Dichloroethene	4.371	96	42250	19.125	ug/l	97
13) Acrolein	4.200	56	26461	115.934	ug/l	98
14) Allyl chloride	5.047	41	61587m	16.810	ug/l	
15) Acrylonitrile	5.730	53	143891	85.376	ug/l	99
16) Acetone	4.447	43	109568	77.749	ug/l	98
17) Carbon Disulfide	4.741	76	127198	20.816	ug/l	99
18) Methyl Acetate	5.047	43	58410	14.223	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	142042	17.758	ug/l	99
20) Methylene Chloride	5.300	84	47051	17.833	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	46452	18.900	ug/l	94
22) Diisopropyl ether	6.688	45	134171	17.373	ug/l	97
23) Vinyl Acetate	6.618	43	588534	90.198	ug/l	99
24) 1,1-Dichloroethane	6.588	63	81795	18.404	ug/l	98
25) 2-Butanone	7.494	43	183450	80.085	ug/l	95
26) 2,2-Dichloropropane	7.500	77	70660	20.439	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	54811	18.647	ug/l	99
28) Bromochloromethane	7.824	49	37366	17.100	ug/l	94
29) Tetrahydrofuran	7.847	42	122051	81.792	ug/l	96
30) Chloroform	7.977	83	81394	18.339	ug/l	97
31) Cyclohexane	8.265	56	75253	17.460	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	68126	18.047	ug/l	95
36) 1,1-Dichloropropene	8.377	75	60230	19.421	ug/l	99
37) Ethyl Acetate	7.571	43	67617	17.127	ug/l	98
38) Carbon Tetrachloride	8.371	117	56888	18.684	ug/l	98
39) Methylcyclohexane	9.606	83	71937	16.930	ug/l	94
40) Benzene	8.612	78	194623	19.191	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	7.782	41	36338	16.389	ug/l	95
42) 1,2-Dichloroethane	8.676	62	56441	18.349	ug/l	98
43) Isopropyl Acetate	8.694	43	107401	16.949	ug/l	98
44) Trichloroethene	9.359	130	46641	19.396	ug/l	97
45) 1,2-Dichloropropane	9.623	63	45840	18.579	ug/l	99
46) Dibromomethane	9.712	93	32178	19.635	ug/l	97
47) Bromodichloromethane	9.894	83	63377	18.796	ug/l	98
48) Methyl methacrylate	9.682	41	47325	16.227	ug/l	94
49) 1,4-Dioxane	9.700	88	18992	357.950	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	327481	85.848	ug/l	99
52) Toluene	10.629	92	118515	19.122	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	70878	18.799	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	75519	18.720	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	44875	18.817	ug/l	98
56) Ethyl methacrylate	10.882	69	70762	18.629	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	77534	18.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	194458	85.833	ug/l	100
59) 2-Hexanone	11.206	43	191051	77.753	ug/l	93
60) Dibromochloromethane	11.359	129	48043	19.336	ug/l	99
61) 1,2-Dibromoethane	11.470	107	45566	18.641	ug/l	99
64) Tetrachloroethene	11.106	164	37131	19.244	ug/l	93
65) Chlorobenzene	11.894	112	130351	19.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41248	19.083	ug/l	99
67) Ethyl Benzene	11.964	91	215330	18.591	ug/l	100
68) m/p-Xylenes	12.070	106	171972	38.788	ug/l	97
69) o-Xylene	12.394	106	82615	19.456	ug/l	95
70) Styrene	12.412	104	138368	19.043	ug/l	99
71) Bromoform	12.576	173	31904	19.921	ug/l #	99
73) Isopropylbenzene	12.694	105	198621	17.659	ug/l	99
74) N-amyl acetate	12.529	43	73537m	18.710	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	71468	18.756	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	60407m	16.460	ug/l	
77) Bromobenzene	12.976	156	49732	19.280	ug/l	95
78) n-propylbenzene	13.035	91	239720	17.538	ug/l	99
79) 2-Chlorotoluene	13.123	91	145077	17.698	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	164102	17.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23631	14.822	ug/l	99
82) 4-Chlorotoluene	13.217	91	150701	18.169	ug/l	98
83) tert-Butylbenzene	13.435	119	140370	16.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	165460	17.768	ug/l	99
85) sec-Butylbenzene	13.611	105	205538	16.650	ug/l	99
86) p-Isopropyltoluene	13.729	119	174962	17.146	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	92897	18.304	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	97432	18.830	ug/l	99
89) n-Butylbenzene	14.053	91	156993	15.883	ug/l	99
90) Hexachloroethane	14.329	117	28816	16.660	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	90825	18.627	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15534	17.046	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	52567	16.883	ug/l	100
94) Hexachlorobutadiene	15.494	225	16942	14.605	ug/l	96
95) Naphthalene	15.635	128	197587	17.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49566	16.023	ug/l	98

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

