

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086573.D
 Acq On : 12 May 2025 12:05
 Operator : JC\MD
 Sample : VN0512WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBS01

Quant Time: May 13 02:08:34 2025
 Quant Title :
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	314804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	129916	45.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.140%			
35) Dibromofluoromethane	8.165	113	100684	60.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.560%			
50) Toluene-d8	10.565	98	410610	46.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.760%			
62) 4-Bromofluorobenzene	12.847	95	146824	45.465	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	39893	16.931	ug/l	96
3) Chloromethane	2.359	50	52685	15.385	ug/l	98
4) Vinyl Chloride	2.518	62	52453	16.051	ug/l	99
5) Bromomethane	2.959	94	30646	20.849	ug/l	98
6) Chloroethane	3.118	64	33913	15.506	ug/l	93
7) Trichlorofluoromethane	3.500	101	66060	18.250	ug/l	94
8) Diethyl Ether	3.953	74	27113	17.157	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	40387	18.443	ug/l	98
10) Methyl Iodide	4.588	142	46602	19.357	ug/l	100
11) Tert butyl alcohol	5.512	59	38546	73.295	ug/l	100
12) 1,1-Dichloroethene	4.336	96	40499	17.311	ug/l	94
13) Acrolein	4.183	56	26622	99.475	ug/l	94
14) Allyl chloride	5.024	41	60838	14.628	ug/l	97
15) Acrylonitrile	5.718	53	104884	80.676	ug/l	100
16) Acetone	4.424	43	82112	78.482	ug/l	95
17) Carbon Disulfide	4.712	76	107380	15.329	ug/l	97
18) Methyl Acetate	5.018	43	52952	15.305	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	149482	17.382	ug/l	97
20) Methylene Chloride	5.277	84	47488	17.822	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	42994	17.578	ug/l	95
22) Diisopropyl ether	6.671	45	145590	16.092	ug/l	98
23) Vinyl Acetate	6.600	43	517244	81.786	ug/l	99
24) 1,1-Dichloroethane	6.571	63	82337	17.249	ug/l	98
25) 2-Butanone	7.482	43	134033	74.708	ug/l	97
26) 2,2-Dichloropropane	7.488	77	75514	17.668	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	54307	17.889	ug/l	95
28) Bromochloromethane	7.812	49	34026	16.811	ug/l	89
29) Tetrahydrofuran	7.835	42	89978	74.999	ug/l	97
30) Chloroform	7.965	83	84548	18.030	ug/l	100
31) Cyclohexane	8.253	56	73468	15.728	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	74262	18.513	ug/l	96
36) 1,1-Dichloropropene	8.371	75	59145	17.875	ug/l	96
37) Ethyl Acetate	7.559	43	55423	15.910	ug/l	100
38) Carbon Tetrachloride	8.359	117	62131	19.717	ug/l	98
39) Methylcyclohexane	9.594	83	65783	16.726	ug/l	99
40) Benzene	8.606	78	193527	18.255	ug/l	100
41) Methacrylonitrile	7.777	41	30533	15.123	ug/l	94

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42) 1,2-Dichloroethane	8.671	62	63638	18.824	ug/l	100
43) Isopropyl Acetate	8.688	43	104403	15.160	ug/l	97
44) Trichloroethene	9.347	130	48225	19.192	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46158	17.787	ug/l	98
46) Dibromomethane	9.706	93	31030	18.767	ug/l	92
47) Bromodichloromethane	9.888	83	67860	19.002	ug/l	96
48) Methyl methacrylate	9.676	41	46017	15.042	ug/l	94
49) 1,4-Dioxane	9.694	88	17025	327.178	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	290448	81.422	ug/l	99
52) Toluene	10.629	92	123594	18.684	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71255	17.875	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	78282	17.879	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	45651	19.181	ug/l	97
56) Ethyl methacrylate	10.870	69	74328	16.990	ug/l	98
57) 1,3-Dichloropropane	11.159	76	80047	18.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	160922	77.498	ug/l	97
59) 2-Hexanone	11.194	43	208945	78.969	ug/l	98
60) Dibromochloromethane	11.353	129	51279	19.621	ug/l	99
61) 1,2-Dibromoethane	11.464	107	46170	19.225	ug/l	99
64) Tetrachloroethene	11.100	164	47893	19.778	ug/l	95
65) Chlorobenzene	11.888	112	136734	19.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46288	19.972	ug/l	99
67) Ethyl Benzene	11.959	91	236544	18.659	ug/l	99
68) m/p-Xylenes	12.064	106	179975	37.888	ug/l	96
69) o-Xylene	12.394	106	87989	18.730	ug/l	98
70) Styrene	12.406	104	144886	18.510	ug/l	99
71) Bromoform	12.570	173	32544	18.650	ug/l #	100
73) Isopropylbenzene	12.694	105	216233	18.523	ug/l	98
74) N-amyl acetate	12.488	43	85385	14.693	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	62360	18.579	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	58348m	17.326	ug/l	
77) Bromobenzene	12.976	156	52834	20.426	ug/l	88
78) n-propylbenzene	13.029	91	247034	17.959	ug/l	99
79) 2-Chlorotoluene	13.123	91	156740	18.210	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	173211	18.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21668	15.453	ug/l	96
82) 4-Chlorotoluene	13.217	91	155313	18.164	ug/l	97
83) tert-Butylbenzene	13.435	119	151560	18.307	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	175661	18.062	ug/l	100
85) sec-Butylbenzene	13.611	105	206423	17.976	ug/l	99
86) p-Isopropyltoluene	13.723	119	170097	17.971	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	92753	19.076	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	92282	18.843	ug/l	99
89) n-Butylbenzene	14.053	91	143483	17.103	ug/l	99
90) Hexachloroethane	14.329	117	28257	17.749	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	90063	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	10771	15.915	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	40227	17.821	ug/l	99
94) Hexachlorobutadiene	15.494	225	16265	19.088	ug/l	99
95) Naphthalene	15.635	128	130263	16.279	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38677	18.098	ug/l	99

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