

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087651.D
 Acq On : 25 Aug 2025 12:56
 Operator : JC\MD
 Sample : VN0825WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:33:03 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	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	442728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219291	46.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.147	113	149745	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.547	98	553011	46.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.829	95	197297	46.371	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71103	21.691	ug/l	94
3) Chloromethane	2.383	50	66060	19.609	ug/l	89
4) Vinyl Chloride	2.542	62	74382	19.043	ug/l	96
5) Bromomethane	2.977	94	37330	18.522	ug/l	92
6) Chloroethane	3.142	64	49313	17.963	ug/l	93
7) Trichlorofluoromethane	3.512	101	109068	19.059	ug/l	91
8) Diethyl Ether	3.965	74	45216	18.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	61089	18.866	ug/l	97
10) Methyl Iodide	4.589	142	33346	18.713	ug/l	98
11) Tert butyl alcohol	5.518	59	77278	94.132	ug/l	99
12) 1,1-Dichloroethene	4.342	96	61706	18.544	ug/l	90
13) Acrolein	4.177	56	108756	107.758	ug/l	96
14) Allyl chloride	5.012	41	115582m	19.167	ug/l	
15) Acrylonitrile	5.712	53	211379	91.297	ug/l	98
16) Acetone	4.424	43	220266	85.565	ug/l	99
17) Carbon Disulfide	4.700	76	165659	18.083	ug/l	98
18) Methyl Acetate	5.024	43	105083	19.496	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	230313	18.450	ug/l	96
20) Methylene Chloride	5.259	84	69881	17.972	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	61895	17.162	ug/l #	92
22) Diisopropyl ether	6.659	45	236198	18.151	ug/l	95
23) Vinyl Acetate	6.589	43	1099385	92.860	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123467	17.305	ug/l	96
25) 2-Butanone	7.471	43	306542	90.512	ug/l	98
26) 2,2-Dichloropropane	7.477	77	110994	18.125	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	77006	17.861	ug/l	99
28) Bromochloromethane	7.794	49	68281	19.795	ug/l	99
29) Tetrahydrofuran	7.824	42	201064	92.249	ug/l	99
30) Chloroform	7.947	83	132333	18.171	ug/l	97
31) Cyclohexane	8.236	56	109362	18.386	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	109359	17.719	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88273	18.001	ug/l	99
37) Ethyl Acetate	7.547	43	119052	17.766	ug/l	99
38) Carbon Tetrachloride	8.347	117	93009	19.210	ug/l	93
39) Methylcyclohexane	9.583	83	103607	19.191	ug/l	90
40) Benzene	8.588	78	276094	18.356	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	65630	18.907	ug/l	98
42) 1,2-Dichloroethane	8.653	62	108140	18.710	ug/l	98
43) Isopropyl Acetate	8.677	43	201379	19.249	ug/l	99
44) Trichloroethene	9.335	130	62140	18.096	ug/l	99
45) 1,2-Dichloropropane	9.600	63	71817	18.115	ug/l	96
46) Dibromomethane	9.694	93	52865	18.738	ug/l	97
47) Bromodichloromethane	9.871	83	108120	18.699	ug/l	95
48) Methyl methacrylate	9.665	41	92608	18.714	ug/l	99
49) 1,4-Dioxane	9.683	88	25291	394.309	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	618294	97.953	ug/l	99
52) Toluene	10.612	92	170243	18.258	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	113820	19.018	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	114391	18.407	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	67370	18.677	ug/l	94
56) Ethyl methacrylate	10.859	69	110105	19.100	ug/l	100
57) 1,3-Dichloropropane	11.141	76	118896	18.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	290377	93.067	ug/l	97
59) 2-Hexanone	11.177	43	388655	97.425	ug/l	100
60) Dibromochloromethane	11.341	129	76263	18.247	ug/l	98
61) 1,2-Dibromoethane	11.447	107	69915	18.382	ug/l	99
64) Tetrachloroethene	11.082	164	48580	16.898	ug/l	92
65) Chlorobenzene	11.871	112	182410	17.694	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	64906	18.965	ug/l	99
67) Ethyl Benzene	11.941	91	320645	17.964	ug/l	97
68) m/p-Xylenes	12.053	106	236389	36.111	ug/l	100
69) o-Xylene	12.376	106	117070	18.249	ug/l	99
70) Styrene	12.388	104	198670	18.485	ug/l	98
71) Bromoform	12.559	173	48199	18.363	ug/l #	97
73) Isopropylbenzene	12.676	105	297882	18.062	ug/l	100
74) N-amyl acetate	12.547	43	110842m	17.735	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	109740	19.327	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	88665m	18.526	ug/l	
77) Bromobenzene	12.959	156	68944	17.730	ug/l	95
78) n-propylbenzene	13.012	91	374025	18.412	ug/l	99
79) 2-Chlorotoluene	13.100	91	221341	18.106	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	253186	18.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	31340	17.336	ug/l	91
82) 4-Chlorotoluene	13.200	91	231152	17.984	ug/l	99
83) tert-Butylbenzene	13.418	119	216360	18.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	256016	18.280	ug/l	99
85) sec-Butylbenzene	13.594	105	327224	18.914	ug/l	99
86) p-Isopropyltoluene	13.706	119	268502	18.794	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	136313	17.801	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	142274	17.853	ug/l	99
89) n-Butylbenzene	14.035	91	264177	18.619	ug/l	99
90) Hexachloroethane	14.306	117	49011	18.007	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	131567	18.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25585	18.968	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	82449	18.900	ug/l	97
94) Hexachlorobutadiene	15.476	225	29874	19.208	ug/l	96
95) Naphthalene	15.617	128	279642	18.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	76698	17.984	ug/l	99

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

