

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087620.D
 Acq On : 21 Aug 2025 13:08
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 22 02:29:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	230389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	446380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	411161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	23607	5.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.000%		
35) Dibromofluoromethane	8.141	113	16452	5.105	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%		
50) Toluene-d8	10.547	98	61777	5.121	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%		
62) 4-Bromofluorobenzene	12.829	95	19896	4.638	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	13341	4.077	ug/l	91
3) Chloromethane	2.383	50	14670	4.363	ug/l #	87
4) Vinyl Chloride	2.542	62	17021	4.366	ug/l	96
5) Bromomethane	2.971	94	8950	4.449	ug/l #	67
6) Chloroethane	3.130	64	12160	4.437	ug/l	99
7) Trichlorofluoromethane	3.512	101	26231	4.592	ug/l #	69
8) Diethyl Ether	3.959	74	11532	4.635	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	14929	4.619	ug/l #	85
10) Methyl Iodide	4.583	142	6109	8.995	ug/l	90
11) Tert butyl alcohol	5.530	59	19630	23.954	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	14950	4.501	ug/l	89
13) Acrolein	4.183	56	28918	28.704	ug/l	96
14) Allyl chloride	5.012	41	27277	4.532	ug/l	94
15) Acrylonitrile	5.706	53	53640	23.209	ug/l	99
16) Acetone	4.418	43	73025	28.418	ug/l	97
17) Carbon Disulfide	4.694	76	40223	4.399	ug/l #	94
18) Methyl Acetate	5.012	43	24038	4.468	ug/l #	61
19) Methyl tert-butyl Ether	5.783	73	57783	4.637	ug/l	98
20) Methylene Chloride	5.253	84	21101	4.549	ug/l #	80
21) trans-1,2-Dichloroethene	5.777	96	16922	4.701	ug/l	96
22) Diisopropyl ether	6.653	45	59705	4.596	ug/l	99
23) Vinyl Acetate	6.588	43	274045	23.189	ug/l	98
24) 1,1-Dichloroethane	6.565	63	34563	4.853	ug/l	98
25) 2-Butanone	7.477	43	83189	24.607	ug/l	93
26) 2,2-Dichloropropane	7.482	77	28641	4.685	ug/l	97
27) cis-1,2-Dichloroethene	7.465	96	21105	4.904	ug/l	95
28) Bromochloromethane	7.788	49	17986	5.224	ug/l #	98
29) Tetrahydrofuran	7.830	42	49801	22.890	ug/l	97
30) Chloroform	7.953	83	35366	4.865	ug/l	89
31) Cyclohexane	8.241	56	34337	5.783	ug/l #	96
32) 1,1,1-Trichloroethane	8.147	97	29878	4.850	ug/l	90
36) 1,1-Dichloropropene	8.353	75	22697	4.591	ug/l	96
37) Ethyl Acetate	7.547	43	31230m	4.622	ug/l	
38) Carbon Tetrachloride	8.341	117	22716	4.653	ug/l #	84
39) Methylcyclohexane	9.576	83	25902	4.758	ug/l	91
40) Benzene	8.582	78	73071	4.818	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	7.759	41	15464	4.419	ug/l #	95
42) 1,2-Dichloroethane	8.653	62	27989	4.803	ug/l	95
43) Isopropyl Acetate	8.671	43	48032	4.554	ug/l	99
44) Trichloroethene	9.329	130	17267	4.987	ug/l	91
45) 1,2-Dichloropropane	9.606	63	19397	4.853	ug/l	95
46) Dibromomethane	9.694	93	13115	4.611	ug/l	91
47) Bromodichloromethane	9.865	83	28992	4.973	ug/l	99
48) Methyl methacrylate	9.659	41	22006	4.411	ug/l	94
49) 1,4-Dioxane	9.682	88	6079	94.002	ug/l #	89
51) 4-Methyl-2-Pentanone	10.423	43	150608	23.665	ug/l	97
52) Toluene	10.606	92	44071	4.688	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	28043	4.647	ug/l	92
54) cis-1,3-Dichloropropene	10.288	75	28580	4.561	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	17105	4.703	ug/l	96
56) Ethyl methacrylate	10.853	69	24379	4.194	ug/l #	92
57) 1,3-Dichloropropane	11.141	76	29300	4.552	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	74236	23.598	ug/l	100
59) 2-Hexanone	11.182	43	87097	21.654	ug/l	98
60) Dibromochloromethane	11.335	129	19653	4.664	ug/l	100
61) 1,2-Dibromoethane	11.447	107	19347	5.045	ug/l	93
64) Tetrachloroethene	11.082	164	14530	5.094	ug/l #	82
65) Chlorobenzene	11.870	112	47879	4.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	16599	4.888	ug/l	88
67) Ethyl Benzene	11.941	91	81935	4.626	ug/l	98
68) m/p-Xylenes	12.053	106	60444	9.306	ug/l	96
69) o-Xylene	12.376	106	29064	4.566	ug/l	98
70) Styrene	12.388	104	44658	4.188	ug/l	93
71) Bromoform	12.559	173	11710	4.496	ug/l #	92
73) Isopropylbenzene	12.670	105	71448	4.547	ug/l	98
74) N-amyl acetate	12.670	43	29903m	4.946	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	26850	4.963	ug/l	95
76) 1,2,3-Trichloropropane	12.976	75	22762m	4.980	ug/l	
77) Bromobenzene	12.959	156	17527	4.731	ug/l	97
78) n-propylbenzene	13.012	91	88388	4.567	ug/l	99
79) 2-Chlorotoluene	13.100	91	57432	4.931	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	61434	4.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	6458	3.749	ug/l	87
82) 4-Chlorotoluene	13.200	91	58355	4.765	ug/l	96
83) tert-Butylbenzene	13.417	119	51989	4.680	ug/l	98
84) 1,2,4-Trimethylbenzene	13.464	105	60099	4.504	ug/l	98
85) sec-Butylbenzene	13.594	105	78154	4.741	ug/l	98
86) p-Isopropyltoluene	13.706	119	63187	4.642	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	34424	4.718	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	36629	4.824	ug/l	95
89) n-Butylbenzene	14.035	91	62374	4.614	ug/l	99
90) Hexachloroethane	14.306	117	11787	4.545	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	32320	4.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6280	4.887	ug/l	86
93) 1,2,4-Trichlorobenzene	15.364	180	19345	4.654	ug/l	97
94) Hexachlorobutadiene	15.470	225	7207	4.864	ug/l	96
95) Naphthalene	15.611	128	63009	4.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	18896	4.650	ug/l	98

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

