

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
 Data File : VN087671.D
 Acq On : 26 Aug 2025 15:29
 Operator : JC\MD
 Sample : VN0826WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:48:30 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	198008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	367348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	187839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	194545	47.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.900%		
35) Dibromofluoromethane	8.153	113	132713	46.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.020%		
50) Toluene-d8	10.547	98	494001	46.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.500%		
62) 4-Bromofluorobenzene	12.829	95	179531	47.266	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64302	22.865	ug/l	95
3) Chloromethane	2.383	50	60661	20.989	ug/l	95
4) Vinyl Chloride	2.536	62	70831	21.137	ug/l	99
5) Bromomethane	2.983	94	37311	21.579	ug/l	94
6) Chloroethane	3.142	64	49018	20.813	ug/l	97
7) Trichlorofluoromethane	3.512	101	100429	20.456	ug/l	98
8) Diethyl Ether	3.959	74	43133	20.173	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	54481	19.612	ug/l	97
10) Methyl Iodide	4.589	142	27208	18.131	ug/l #	94
11) Tert butyl alcohol	5.518	59	69286	98.375	ug/l	99
12) 1,1-Dichloroethene	4.342	96	58926	20.641	ug/l	95
13) Acrolein	4.177	56	82354	95.114	ug/l	96
14) Allyl chloride	5.018	41	96106	18.577	ug/l	97
15) Acrylonitrile	5.712	53	197682	99.522	ug/l	100
16) Acetone	4.424	43	218652	99.006	ug/l	98
17) Carbon Disulfide	4.700	76	150572	19.159	ug/l	99
18) Methyl Acetate	5.012	43	100414	21.715	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	213246	19.912	ug/l	96
20) Methylene Chloride	5.265	84	65338	19.702	ug/l #	91
21) trans-1,2-Dichloroethene	5.777	96	57570	18.607	ug/l	95
22) Diisopropyl ether	6.659	45	227072	20.340	ug/l	99
23) Vinyl Acetate	6.589	43	1030511	101.460	ug/l	98
24) 1,1-Dichloroethane	6.559	63	121076	19.780	ug/l	98
25) 2-Butanone	7.471	43	297325	102.331	ug/l	97
26) 2,2-Dichloropropane	7.471	77	106826	20.334	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	73710	19.928	ug/l	100
28) Bromochloromethane	7.800	49	57372	19.388	ug/l	96
29) Tetrahydrofuran	7.824	42	185311	99.103	ug/l	99
30) Chloroform	7.947	83	129537	20.733	ug/l	100
31) Cyclohexane	8.241	56	98298	19.263	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	106125	20.043	ug/l	98
36) 1,1-Dichloropropene	8.347	75	81229	18.555	ug/l	98
37) Ethyl Acetate	7.547	43	112790	18.855	ug/l	98
38) Carbon Tetrachloride	8.347	117	85891	19.872	ug/l	91
39) Methylcyclohexane	9.583	83	88363	18.334	ug/l	99
40) Benzene	8.588	78	268597	20.004	ug/l	100

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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	62721	20.241	ug/l	98
42) 1,2-Dichloroethane	8.653	62	105520	20.450	ug/l	99
43) Isopropyl Acetate	8.677	43	187397	20.065	ug/l	99
44) Trichloroethene	9.335	130	57485	18.752	ug/l	96
45) 1,2-Dichloropropane	9.600	63	70684	19.971	ug/l	98
46) Dibromomethane	9.694	93	50887	20.205	ug/l	97
47) Bromodichloromethane	9.865	83	104723	20.288	ug/l	94
48) Methyl methacrylate	9.665	41	87645	19.840	ug/l	99
49) 1,4-Dioxane	9.683	88	21896	382.402	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	589467	104.609	ug/l	99
52) Toluene	10.606	92	163594	19.653	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	106373	19.909	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	113361	20.434	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	66428	20.629	ug/l	95
56) Ethyl methacrylate	10.859	69	102385	19.895	ug/l	96
57) 1,3-Dichloropropane	11.141	76	115683	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	271042	97.309	ug/l	99
59) 2-Hexanone	11.177	43	384182	107.877	ug/l	100
60) Dibromochloromethane	11.341	129	75653	20.276	ug/l	99
61) 1,2-Dibromoethane	11.447	107	67879	19.991	ug/l	98
64) Tetrachloroethene	11.082	164	48062	18.858	ug/l	96
65) Chlorobenzene	11.871	112	178321	19.512	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	61618	20.309	ug/l	99
67) Ethyl Benzene	11.941	91	306841	19.391	ug/l	98
68) m/p-Xylenes	12.053	106	225688	38.890	ug/l	98
69) o-Xylene	12.376	106	111207	19.554	ug/l	98
70) Styrene	12.394	104	193273	20.285	ug/l	99
71) Bromoform	12.559	173	47543	20.432	ug/l #	96
73) Isopropylbenzene	12.676	105	283161	18.655	ug/l	98
74) N-amyl acetate	12.529	43	103721m	18.032	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	106716	20.421	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	80460m	18.266	ug/l	
77) Bromobenzene	12.959	156	67613	18.892	ug/l	96
78) n-propylbenzene	13.012	91	355090	18.993	ug/l	100
79) 2-Chlorotoluene	13.100	91	210108	18.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	244526	18.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	31562	18.969	ug/l	88
82) 4-Chlorotoluene	13.200	91	227537	19.235	ug/l	100
83) tert-Butylbenzene	13.418	119	205289	19.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	256617	19.908	ug/l	96
85) sec-Butylbenzene	13.594	105	304060	19.095	ug/l	98
86) p-Isopropyltoluene	13.706	119	247190	18.800	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	133973	19.009	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	139016	18.954	ug/l	99
89) n-Butylbenzene	14.035	91	245461	18.797	ug/l	99
90) Hexachloroethane	14.306	117	47221	18.850	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	132259	19.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22925	18.467	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	77500	19.302	ug/l	98
94) Hexachlorobutadiene	15.470	225	27103	18.935	ug/l	97
95) Naphthalene	15.612	128	263572	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	72189	18.391	ug/l	100

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

