

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088147.D
 Acq On : 29 Oct 2025 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:01:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/30/2025
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	276791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	513941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	450607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	235546	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	273604	57.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.320%	
35) Dibromofluoromethane	8.147	113	182180	52.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.520%	
50) Toluene-d8	10.547	98	661877	49.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.829	95	247544	52.687	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.380%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	164970	52.838	ug/l	100
3) Chloromethane	2.383	50	183800	50.039	ug/l	95
4) Vinyl Chloride	2.536	62	207336	51.806	ug/l	99
5) Bromomethane	2.959	94	121693	50.836	ug/l	98
6) Chloroethane	3.130	64	136689	47.404	ug/l	98
7) Trichlorofluoromethane	3.506	101	322344	50.498	ug/l	96
8) Diethyl Ether	3.959	74	128195	54.036	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	171449	52.051	ug/l	99
10) Methyl Iodide	4.577	142	152457	47.192	ug/l	99
11) Tert butyl alcohol	5.524	59	240346	291.479	ug/l	98
12) 1,1-Dichloroethene	4.336	96	166280	47.796	ug/l	91
13) Acrolein	4.171	56	399139	430.337	ug/l	100
14) Allyl chloride	5.012	41	320247	52.518	ug/l	100
15) Acrylonitrile	5.706	53	669318	297.991	ug/l	99
16) Acetone	4.418	43	698546	290.508	ug/l	99
17) Carbon Disulfide	4.700	76	503774	47.636	ug/l	98
18) Methyl Acetate	5.018	43	304255	61.806	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	738964	57.838	ug/l	98
20) Methylene Chloride	5.259	84	213890	57.040	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	194037	50.813	ug/l	99
22) Diisopropyl ether	6.653	45	750083	58.490	ug/l	98
23) Vinyl Acetate	6.589	43	3502969	303.244	ug/l	98
24) 1,1-Dichloroethane	6.547	63	400432	56.369	ug/l	98
25) 2-Butanone	7.471	43	957991	302.314	ug/l	99
26) 2,2-Dichloropropane	7.471	77	329175	50.991	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	233426	53.098	ug/l	93
28) Bromochloromethane	7.794	49	178228	53.099	ug/l	97
29) Tetrahydrofuran	7.824	42	614290	297.454	ug/l	98
30) Chloroform	7.947	83	403678	56.883	ug/l	98
31) Cyclohexane	8.241	56	344672	51.445	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	346537	54.826	ug/l	98
36) 1,1-Dichloropropene	8.353	75	276199	54.787	ug/l	100
37) Ethyl Acetate	7.547	43	388034	59.645	ug/l	98
38) Carbon Tetrachloride	8.341	117	289057	55.515	ug/l	99
39) Methylcyclohexane	9.582	83	333429	51.455	ug/l	98
40) Benzene	8.588	78	833839	54.311	ug/l	96

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41) Methacrylonitrile	7.765	41	204403	59.696	ug/l	98
42) 1,2-Dichloroethane	8.653	62	341565	62.613	ug/l	98
43) Isopropyl Acetate	8.671	43	598332	59.852	ug/l	100
44) Trichloroethene	9.335	130	188118	52.421	ug/l	95
45) 1,2-Dichloropropane	9.600	63	222476	57.398	ug/l	96
46) Dibromomethane	9.688	93	160429	58.034	ug/l	98
47) Bromodichloromethane	9.865	83	328426	59.340	ug/l	96
48) Methyl methacrylate	9.665	41	291080	63.068	ug/l	98
49) 1,4-Dioxane	9.682	88	70074	1220.741	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	1859047	314.348	ug/l	99
52) Toluene	10.606	92	512754	54.169	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	348452	59.154	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	363639	58.175	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	202441	56.371	ug/l	96
56) Ethyl methacrylate	10.853	69	348210	61.271	ug/l	97
57) 1,3-Dichloropropane	11.141	76	369528	58.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	964688	326.334	ug/l	99
59) 2-Hexanone	11.177	43	1260002	321.167	ug/l	99
60) Dibromochloromethane	11.335	129	235956	57.806	ug/l	99
61) 1,2-Dibromoethane	11.447	107	207697	56.195	ug/l	97
64) Tetrachloroethene	11.082	164	153151	51.526	ug/l	95
65) Chlorobenzene	11.871	112	557475	54.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	192433	57.405	ug/l	100
67) Ethyl Benzene	11.941	91	993281	55.305	ug/l	100
68) m/p-Xylenes	12.047	106	736560	109.455	ug/l	98
69) o-Xylene	12.376	106	358701	56.230	ug/l	98
70) Styrene	12.388	104	613971	59.022	ug/l	96
71) Bromoform	12.559	173	148569	59.389	ug/l #	98
73) Isopropylbenzene	12.676	105	953816	52.502	ug/l	100
74) N-amyl acetate	12.506	43	152600	29.590	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	311886	55.143	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	308532m	57.291	ug/l	
77) Bromobenzene	12.959	156	212806	54.321	ug/l	94
78) n-propylbenzene	13.012	91	1177896	53.130	ug/l	100
79) 2-Chlorotoluene	13.106	91	705272	55.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	805138	53.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	101773	52.717	ug/l	90
82) 4-Chlorotoluene	13.200	91	742918	54.312	ug/l	99
83) tert-Butylbenzene	13.418	119	698366	51.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	834714	55.295	ug/l	99
85) sec-Butylbenzene	13.594	105	1024249	51.725	ug/l	100
86) p-Isopropyltoluene	13.706	119	861086	54.207	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	424640	54.298	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	433469	51.606	ug/l	98
89) n-Butylbenzene	14.035	91	839862	53.375	ug/l	99
90) Hexachloroethane	14.312	117	157187	51.098	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	404865	53.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	79245	60.196	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	244895	53.640	ug/l	99
94) Hexachlorobutadiene	15.470	225	91800	53.995	ug/l	99
95) Naphthalene	15.612	128	870340	55.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	233523	53.345	ug/l	96

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11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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