

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088127.D
 Acq On : 28 Oct 2025 10:23
 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 29 02:16:49 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 :John
 Carlone

10/29/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	299407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	575460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	507990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256667	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	285735	55.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.380%
35) Dibromofluoromethane	8.147	113	189636	49.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	10.547	98	693271	46.540	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.829	95	265394	50.447	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	165343	48.957	ug/l	97
3) Chloromethane	2.383	50	197707	49.759	ug/l	99
4) Vinyl Chloride	2.536	62	218965	50.579	ug/l	99
5) Bromomethane	2.965	94	120716	46.619	ug/l	99
6) Chloroethane	3.130	64	148752	47.690	ug/l	96
7) Trichlorofluoromethane	3.506	101	319409	46.259	ug/l	95
8) Diethyl Ether	3.959	74	143883	56.067	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	171239	48.060	ug/l	97
10) Methyl Iodide	4.583	142	179205	50.917	ug/l	98
11) Tert butyl alcohol	5.524	59	273808	306.977	ug/l	98
12) 1,1-Dichloroethene	4.336	96	171171	45.485	ug/l	99
13) Acrolein	4.171	56	385481	384.218	ug/l	100
14) Allyl chloride	5.012	41	351935	53.355	ug/l	97
15) Acrylonitrile	5.706	53	738214	303.839	ug/l	99
16) Acetone	4.418	43	769528	295.854	ug/l	99
17) Carbon Disulfide	4.700	76	541134	47.304	ug/l	99
18) Methyl Acetate	5.012	43	330926	62.146	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	834179	60.359	ug/l	96
20) Methylene Chloride	5.259	84	235037	57.932	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	207202	50.162	ug/l	98
22) Diisopropyl ether	6.659	45	824495	59.436	ug/l	99
23) Vinyl Acetate	6.589	43	3877983	310.350	ug/l	98
24) 1,1-Dichloroethane	6.547	63	435253	56.643	ug/l	98
25) 2-Butanone	7.471	43	1058779	308.881	ug/l	99
26) 2,2-Dichloropropane	7.471	77	356388	51.037	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	262031	55.103	ug/l	95
28) Bromochloromethane	7.794	49	196992	54.256	ug/l	99
29) Tetrahydrofuran	7.824	42	665751	298.022	ug/l	100
30) Chloroform	7.947	83	438587	57.133	ug/l	98
31) Cyclohexane	8.235	56	352350	48.619	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	362874	53.074	ug/l	98
36) 1,1-Dichloropropene	8.353	75	291695	51.675	ug/l	99
37) Ethyl Acetate	7.547	43	431150	59.188	ug/l	99
38) Carbon Tetrachloride	8.341	117	301826	51.770	ug/l	97
39) Methylcyclohexane	9.582	83	346302	47.729	ug/l	99
40) Benzene	8.588	78	921773	53.620	ug/l	99

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 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	218170	56.905	ug/l	97
42) 1,2-Dichloroethane	8.653	62	374929	61.382	ug/l	99
43) Isopropyl Acetate	8.671	43	671446	59.986	ug/l	100
44) Trichloroethene	9.330	130	205268	51.085	ug/l	99
45) 1,2-Dichloropropane	9.600	63	244021	56.226	ug/l	96
46) Dibromomethane	9.688	93	178819	57.771	ug/l	98
47) Bromodichloromethane	9.871	83	363105	58.592	ug/l	100
48) Methyl methacrylate	9.665	41	322595	62.424	ug/l	99
49) 1,4-Dioxane	9.682	88	76421	1188.988	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	2027818	306.230	ug/l	100
52) Toluene	10.612	92	563049	53.123	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	392411	59.495	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	404571	57.804	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	221552	55.097	ug/l	97
56) Ethyl methacrylate	10.859	69	396279	62.274	ug/l	97
57) 1,3-Dichloropropane	11.141	76	403668	57.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1089153	329.050	ug/l	100
59) 2-Hexanone	11.176	43	1386798	315.698	ug/l	100
60) Dibromochloromethane	11.341	129	259206	56.714	ug/l	100
61) 1,2-Dibromoethane	11.447	107	235862	56.994	ug/l	98
64) Tetrachloroethene	11.082	164	166457	49.677	ug/l	96
65) Chlorobenzene	11.871	112	616979	53.488	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	214188	56.678	ug/l	99
67) Ethyl Benzene	11.941	91	1081282	53.404	ug/l	100
68) m/p-Xylenes	12.047	106	808821	106.616	ug/l	100
69) o-Xylene	12.376	106	395850	55.044	ug/l	98
70) Styrene	12.388	104	676532	57.690	ug/l	97
71) Bromoform	12.559	173	163603	58.011	ug/l #	100
73) Isopropylbenzene	12.676	105	1022659	51.660	ug/l	100
74) N-amyl acetate	12.506	43	275299m	48.989	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	340536	55.254	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	301372m	51.357	ug/l	
77) Bromobenzene	12.959	156	241872	56.660	ug/l	97
78) n-propylbenzene	13.012	91	1254882	51.945	ug/l	99
79) 2-Chlorotoluene	13.106	91	766410	55.630	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	883376	53.731	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	110297	52.431	ug/l	91
82) 4-Chlorotoluene	13.200	91	791760	53.119	ug/l	100
83) tert-Butylbenzene	13.418	119	751458	51.166	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	912471	55.472	ug/l	99
85) sec-Butylbenzene	13.594	105	1092336	50.624	ug/l	100
86) p-Isopropyltoluene	13.706	119	923723	53.365	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	462789	54.307	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	473911	51.778	ug/l	99
89) n-Butylbenzene	14.035	91	883911	51.552	ug/l	99
90) Hexachloroethane	14.312	117	168148	50.163	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	439540	53.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	85200	59.394	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	268093	53.889	ug/l	99
94) Hexachlorobutadiene	15.476	225	94323	50.913	ug/l	99
95) Naphthalene	15.611	128	966786	56.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	261133	54.744	ug/l	99

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

