

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088315.D
 Acq On : 18 Nov 2025 15:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 03:34:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	225812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	410938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	377745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	213207	54.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	8.147	113	149204	54.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.100%			
50) Toluene-d8	10.547	98	531601	49.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.829	95	189347	50.402	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	110671	43.449	ug/l	99
3) Chloromethane	2.383	50	145347	48.504	ug/l	97
4) Vinyl Chloride	2.536	62	155628	47.665	ug/l	100
5) Bromomethane	2.965	94	87074	44.586	ug/l	95
6) Chloroethane	3.130	64	102633	43.628	ug/l	96
7) Trichlorofluoromethane	3.506	101	239180	45.929	ug/l	98
8) Diethyl Ether	3.959	74	93966	48.550	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	127952	47.615	ug/l	98
10) Methyl Iodide	4.577	142	126817	51.639	ug/l	94
11) Tert butyl alcohol	5.524	59	166768	247.906	ug/l	99
12) 1,1-Dichloroethene	4.330	96	121635	42.856	ug/l	96
13) Acrolein	4.177	56	257226	339.942	ug/l	98
14) Allyl chloride	5.006	41	238243	47.890	ug/l	97
15) Acrylonitrile	5.706	53	521124	284.391	ug/l	99
16) Acetone	4.418	43	440044	224.318	ug/l	99
17) Carbon Disulfide	4.706	76	361139	41.858	ug/l	100
18) Methyl Acetate	5.012	43	247700	61.677	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	566488	54.349	ug/l	98
20) Methylene Chloride	5.259	84	164110	49.836	ug/l	92
21) trans-1,2-Dichloroethene	5.765	96	149458	47.975	ug/l	96
22) Diisopropyl ether	6.653	45	597791	57.139	ug/l	95
23) Vinyl Acetate	6.588	43	2662099	282.478	ug/l	99
24) 1,1-Dichloroethane	6.553	63	313584	54.110	ug/l	97
25) 2-Butanone	7.465	43	707384	273.626	ug/l	98
26) 2,2-Dichloropropane	7.471	77	270216	51.308	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	184669	51.491	ug/l	94
28) Bromochloromethane	7.794	49	154605	56.460	ug/l	97
29) Tetrahydrofuran	7.824	42	472477	280.435	ug/l	98
30) Chloroform	7.947	83	327047	56.488	ug/l	100
31) Cyclohexane	8.235	56	248952	45.547	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	267077	51.794	ug/l	98
36) 1,1-Dichloropropene	8.353	75	207557	51.491	ug/l	98
37) Ethyl Acetate	7.541	43	289681	55.688	ug/l	98
38) Carbon Tetrachloride	8.341	117	228561	54.899	ug/l	95
39) Methylcyclohexane	9.582	83	221153	42.683	ug/l	98
40) Benzene	8.582	78	659314	53.707	ug/l	99

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41) Methacrylonitrile	7.765	41	156609	57.202	ug/l	98
42) 1,2-Dichloroethane	8.647	62	259929	59.591	ug/l	100
43) Isopropyl Acetate	8.671	43	471432	58.979	ug/l	98
44) Trichloroethene	9.329	130	149544	52.117	ug/l	94
45) 1,2-Dichloropropane	9.600	63	178810	57.695	ug/l	97
46) Dibromomethane	9.688	93	129972	58.801	ug/l	97
47) Bromodichloromethane	9.865	83	263822	59.615	ug/l	100
48) Methyl methacrylate	9.665	41	216172	58.578	ug/l	98
49) 1,4-Dioxane	9.676	88	54179	1180.415	ug/l #	93
51) 4-Methyl-2-Pentanone	10.423	43	1474311	311.779	ug/l	99
52) Toluene	10.606	92	400727	52.945	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	277244	58.862	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	291298	58.283	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	162791	56.692	ug/l	96
56) Ethyl methacrylate	10.853	69	268106	59.000	ug/l	98
57) 1,3-Dichloropropane	11.141	76	293389	58.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	763328	322.941	ug/l	99
59) 2-Hexanone	11.176	43	981152	312.776	ug/l	100
60) Dibromochloromethane	11.335	129	189488	58.058	ug/l	98
61) 1,2-Dibromoethane	11.447	107	164590	55.694	ug/l	97
64) Tetrachloroethene	11.082	164	120864	48.507	ug/l	94
65) Chlorobenzene	11.870	112	442281	51.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	153453	54.607	ug/l	98
67) Ethyl Benzene	11.941	91	771567	51.246	ug/l	98
68) m/p-Xylenes	12.047	106	569473	100.948	ug/l	98
69) o-Xylene	12.376	106	279582	52.281	ug/l	98
70) Styrene	12.388	104	472822	54.220	ug/l	98
71) Bromoform	12.559	173	118282	56.402	ug/l #	98
73) Isopropylbenzene	12.670	105	707319	48.200	ug/l	100
74) N-amyl acetate	12.500	43	221238m	53.109	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	245874	53.817	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	237043m	54.492	ug/l	
77) Bromobenzene	12.959	156	167712	52.999	ug/l	97
78) n-propylbenzene	13.012	91	871758	48.680	ug/l	99
79) 2-Chlorotoluene	13.106	91	525866	51.492	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	601387	49.345	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	81158	52.044	ug/l	86
82) 4-Chlorotoluene	13.200	91	549175	49.703	ug/l	100
83) tert-Butylbenzene	13.417	119	512383	47.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	618316	50.708	ug/l	99
85) sec-Butylbenzene	13.594	105	736032	46.016	ug/l	99
86) p-Isopropyltoluene	13.706	119	617059	48.090	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	327533	51.849	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	330893	48.770	ug/l	99
89) n-Butylbenzene	14.035	91	593068	46.661	ug/l	100
90) Hexachloroethane	14.306	117	121131	48.748	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	310815	51.043	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	55560	52.249	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	179925	48.789	ug/l	96
94) Hexachlorobutadiene	15.476	225	64440	46.923	ug/l	99
95) Naphthalene	15.611	128	631571	49.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	172713	48.844	ug/l	99

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

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