

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087912.D
 Acq On : 22 Sep 2025 10:19
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 23 04:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	118	0.00
2 M	Dichlorodifluoromethane	20.000	14.961	25.2#	94	0.00
3 M	Chloromethane	20.000	12.611	36.9#	82	0.00
4 M	Vinyl Chloride	20.000	12.331	38.3#	81	0.00
5 M	Bromomethane	20.000	13.187	34.1#	92	0.00
6 M	Chloroethane	20.000	12.623	36.9#	83	0.00
7 M	Trichlorofluoromethane	20.000	14.607	27.0#	97	0.00
8 T	Diethyl Ether	20.000	12.962	35.2#	90	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	14.707	26.5#	96	0.00
10 M	1,1-Dichloroethene	20.000	14.126	29.4#	96	0.00
11	Methyl Iodide	20.000	13.349	33.3#	108	0.00
12	Methyl Acetate	20.000	17.097	14.5	111	0.00
13 M	Acrolein	100.000	68.093	31.9#	93	0.00
14 M	Acrylonitrile	100.000	77.752	22.2	105	0.00
15 M	Acetone	100.000	68.243	31.8#	95	0.00
16 M	Carbon Disulfide	20.000	13.356	33.2#	90	0.00
17	Allyl chloride	20.000	13.632	31.8#	94	0.00
18 M	Methylene Chloride	20.000	16.696	16.5	115	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.342	18.3	108	0.00
20 T	Diisopropyl ether	20.000	14.985	25.1#	102	0.00
21 M	1,1-Dichloroethane	20.000	16.195	19.0	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.598	17.0	111	0.00
23 M	tert-Butyl Alcohol	100.000	73.299	26.7#	96	-0.02
24 M	Methyl tert-Butyl Ether	20.000	15.648	21.8	108	0.00
25 M	Chloroform	20.000	16.902	15.5	112	0.00
26	Cyclohexane	20.000	13.219	33.9#	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.244	9.2	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	16.680	16.6	103	0.00
30 M	2-Butanone	100.000	84.135	15.9	106	0.00
31	2,2-Dichloropropane	20.000	19.065	4.7	128	0.00
32 M	1,1,1-Trichloroethane	20.000	19.175	4.1	116	0.00
33 M	Carbon Tetrachloride	20.000	19.076	4.6	120	0.00
34 M	Benzene	20.000	17.683	11.6	110	0.00
35	Methacrylonitrile	20.000	15.944	20.3	92	0.00
36 M	1,2-Dichloroethane	20.000	17.717	11.4	108	0.00
37 M	Trichloroethene	20.000	18.690	6.5	116	0.00
38	Methylcyclohexane	20.000	15.004	25.0	96	0.00
39 M	1,2-Dichloropropane	20.000	17.836	10.8	109	0.00
40	Dibromomethane	20.000	19.738	1.3	122	0.00
41 M	Bromodichloromethane	20.000	18.497	7.5	113	0.00
42 M	Vinyl Acetate	100.000	85.459	14.5	109	0.00
43	Ethyl Acetate	20.000	16.968	15.2	102	0.00
44	Isopropyl Acetate	20.000	16.290	18.6	100	0.00
45 T	1,4-Dioxane	400.000	339.627	15.1	98	0.00
46	Methyl methacrylate	20.000	15.564	22.2	99	0.00
47	n-amyl Acetate	20.000	15.700	21.5	125	0.00
48 M	t-1,3-Dichloropropene	20.000	16.776	16.1	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.197	14.0	113	0.00
50 M	1,1,2-Trichloroethane	20.000	18.983	5.1	118	0.00
51	Ethyl methacrylate	20.000	15.307	23.5	102	0.00
52	1,3-Dichloropropane	20.000	17.877	10.6	110	0.00
53 M	Dibromochloromethane	20.000	20.621	-3.1	138	0.00
54 M	1,2-Dibromoethane	20.000	18.851	5.7	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	33.966	66.0#	42	0.00
56 M	Bromoform	20.000	21.024	-5.1	140	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58 M	4-Methyl-2-Pentanone	100.000	84.156	15.8	106	0.00
59 M	2-Hexanone	100.000	82.373	17.6	106	0.00
60 S	4-Bromofluorobenzene	30.000	30.664	-2.2	117	0.00
61 M	Tetrachloroethene	20.000	20.483	-2.4	128	0.00
62 M	Toluene	20.000	17.441	12.8	110	0.00
63 S	Toluene-d8	30.000	29.007	3.3	111	0.00
64 M	Chlorobenzene	20.000	19.062	4.7	123	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.161	-0.8	130	0.00
66 M	Ethyl Benzene	20.000	16.961	15.2	111	0.00
67 M	m/p-Xylenes	40.000	35.816	10.5	118	0.00
68 M	o-Xylene	20.000	17.401	13.0	111	0.00
69 M	Styrene	20.000	17.163	14.2	114	0.00
70	Isopropylbenzene	20.000	17.078	14.6	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.049	4.8	118	0.00
72	1,2,3-Trichloropropane	20.000	18.631	6.8	107	0.00
73	Bromobenzene	20.000	19.791	1.0	128	0.00
74	n-propylbenzene	20.000	17.922	10.4	116	0.00
75	2-Chlorotoluene	20.000	17.817	10.9	113	0.00
76	1,3,5-Trimethylbenzene	20.000	18.427	7.9	120	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.424	12.9	118	0.00
78	4-Chlorotoluene	20.000	18.493	7.5	117	0.00
79	tert-butylbenzene	20.000	18.510	7.4	120	0.00
80	1,2,4-Trimethylbenzene	20.000	17.846	10.8	114	0.00
81	sec-Butylbenzene	20.000	18.458	7.7	119	0.00
82	p-Isopropyltoluene	20.000	18.741	6.3	123	0.00
83 M	1,3-Dichlorobenzene	20.000	20.249	-1.2	126	0.00
84 M	1,4-Dichlorobenzene	20.000	20.075	-0.4	127	0.00
85	n-Butylbenzene	20.000	17.853	10.7	119	0.00
86 T	Hexachloroethane	20.000	20.154	-0.8	127	0.00
87 M	1,2-Dichlorobenzene	20.000	20.001	-0.0	126	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.502	7.5	111	0.00
89	1,2,4-Trichlorobenzene	20.000	20.423	-2.1	134	0.00
90	Hexachlorobutadiene	20.000	24.883	-24.4	150	0.00
91 M	Naphthalene	20.000	17.235	13.8	116	0.00
92	1,2,3-Trichlorobenzene	20.000	20.423	-2.1	134	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0