

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087326.D
 Acq On : 10 Jul 2025 15:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 11 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 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	123	0.00
2 M	Dichlorodifluoromethane	20.000	14.367	28.2#	97	0.00
3 M	Chloromethane	20.000	12.956	35.2#	94	0.00
4 M	Vinyl Chloride	20.000	14.697	26.5#	101	0.00
5 M	Bromomethane	20.000	12.858	35.7#	87	0.00
6 M	Chloroethane	20.000	25.213	-26.1#	173	0.00
7 M	Trichlorofluoromethane	20.000	19.100	4.5	125	0.00
8 T	Diethyl Ether	20.000	14.942	25.3#	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.095	19.5	108	0.00
10 M	1,1-Dichloroethene	20.000	15.636	21.8	105	0.00
11	Methyl Iodide	20.000	10.117	49.4#	79	0.00
12	Methyl Acetate	20.000	14.653	26.7#	99	0.00
13 M	Acrolein	100.000	21.806	78.2#	33	0.00
14 M	Acrylonitrile	100.000	72.537	27.5#	97	0.00
15 M	Acetone	100.000	77.676	22.3	101	0.00
16 M	Carbon Disulfide	20.000	14.374	28.1#	97	0.00
17	Allyl chloride	20.000	12.307	38.5#	83	0.01
18 M	Methylene Chloride	20.000	16.856	15.7	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.582	17.1	112	0.00
20 T	Diisopropyl ether	20.000	13.775	31.1#	89	0.00
21 M	1,1-Dichloroethane	20.000	15.275	23.6	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.260	13.7	118	0.00
23 M	tert-Butyl Alcohol	100.000	86.385	13.6	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.743	16.3	115	0.00
25 M	Chloroform	20.000	18.442	7.8	125	0.00
26	Cyclohexane	20.000	11.503	42.5#	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.739	7.5	112	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	17.485	12.6	112	0.00
30 M	2-Butanone	100.000	83.098	16.9	100	0.00
31	2,2-Dichloropropane	20.000	20.182	-0.9	120	0.00
32 M	1,1,1-Trichloroethane	20.000	21.224	-6.1	128	0.00
33 M	Carbon Tetrachloride	20.000	21.423	-7.1	136	0.00
34 M	Benzene	20.000	18.218	8.9	113	0.00
35	Methacrylonitrile	20.000	15.452	22.7	95	0.00
36 M	1,2-Dichloroethane	20.000	20.815	-4.1	123	0.01
37 M	Trichloroethene	20.000	20.236	-1.2	129	0.00
38	Methylcyclohexane	20.000	15.410	22.9	96	0.00
39 M	1,2-Dichloropropane	20.000	17.648	11.8	103	0.00
40	Dibromomethane	20.000	21.532	-7.7	127	0.00
41 M	Bromodichloromethane	20.000	20.508	-2.5	119	0.00
42 M	Vinyl Acetate	100.000	78.199	21.8	93	0.00
43	Ethyl Acetate	20.000	17.079	14.6	95	0.00
44	Isopropyl Acetate	20.000	16.918	15.4	103	0.00
45 T	1,4-Dioxane	400.000	447.522	-11.9	135	0.00
46	Methyl methacrylate	20.000	12.790	36.1#	76	0.00
47	n-amyl Acetate	20.000	18.640	6.8	114	0.00
48 M	t-1,3-Dichloropropene	20.000	19.083	4.6	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.575	7.1	108	0.00
50 M	1,1,2-Trichloroethane	20.000	20.260	-1.3	120	0.00
51	Ethyl methacrylate	20.000	17.002	15.0	108	0.00
52	1,3-Dichloropropane	20.000	18.739	6.3	110	0.00
53 M	Dibromochloromethane	20.000	23.071	-15.4	139	0.00
54 M	1,2-Dibromoethane	20.000	21.238	-6.2	125	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.949	19.1	96	0.00
56 M	Bromoform	20.000	22.656	-13.3	138	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	80.125	19.9	98	0.00
59 M	2-Hexanone	100.000	73.298	26.7#	98	0.00
60 S	4-Bromofluorobenzene	30.000	31.126	-3.8	118	0.00
61 M	Tetrachloroethene	20.000	20.967	-4.8	128	0.00
62 M	Toluene	20.000	18.686	6.6	113	0.00
63 S	Toluene-d8	30.000	29.475	1.7	104	0.00
64 M	Chlorobenzene	20.000	20.027	-0.1	121	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.605	-8.0	131	0.00
66 M	Ethyl Benzene	20.000	18.163	9.2	113	0.00
67 M	m/p-Xylenes	40.000	38.557	3.6	119	0.00
68 M	o-Xylene	20.000	18.933	5.3	117	0.00
69 M	Styrene	20.000	19.579	2.1	121	0.00
70	Isopropylbenzene	20.000	19.100	4.5	120	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.578	-2.9	122	0.00
72	1,2,3-Trichloropropane	20.000	20.151	-0.8	125	0.00
73	Bromobenzene	20.000	22.231	-11.2	139	0.00
74	n-propylbenzene	20.000	18.957	5.2	119	0.00
75	2-Chlorotoluene	20.000	19.426	2.9	124	0.00
76	1,3,5-Trimethylbenzene	20.000	20.294	-1.5	130	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.285	18.6	107	0.00
78	4-Chlorotoluene	20.000	19.807	1.0	126	0.00
79	tert-butylbenzene	20.000	19.972	0.1	129	0.00
80	1,2,4-Trimethylbenzene	20.000	20.816	-4.1	135	0.00
81	sec-Butylbenzene	20.000	19.736	1.3	124	0.00
82	p-Isopropyltoluene	20.000	20.400	-2.0	124	0.00
83 M	1,3-Dichlorobenzene	20.000	22.198	-11.0	135	0.00
84 M	1,4-Dichlorobenzene	20.000	21.976	-9.9	135	0.00
85	n-Butylbenzene	20.000	18.938	5.3	116	0.00
86 T	Hexachloroethane	20.000	19.013	4.9	122	0.00
87 M	1,2-Dichlorobenzene	20.000	22.649	-13.2	139	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.884	-9.4	135	0.00
89	1,2,4-Trichlorobenzene	20.000	21.336	-6.7	131	0.00
90	Hexachlorobutadiene	20.000	18.967	5.2	117	0.00
91 M	Naphthalene	20.000	20.505	-2.5	130	0.00
92	1,2,3-Trichlorobenzene	20.000	21.336	-6.7	131	0.00

(#) = Out of Range

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