

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087595.D
 Acq On : 18 Aug 2025 09:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 18 09:46:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	17.197	14.0	76	0.00
3 M	Chloromethane	20.000	16.675	16.6	73	0.00
4 M	Vinyl Chloride	20.000	17.235	13.8	75	0.00
5 M	Bromomethane	20.000	14.173	29.1#	66	0.00
6 M	Chloroethane	20.000	18.478	7.6	83	0.00
7 M	Trichlorofluoromethane	20.000	17.673	11.6	79	0.00
8 T	Diethyl Ether	20.000	18.244	8.8	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.025	4.9	88	0.00
10 M	1,1-Dichloroethene	20.000	19.095	4.5	85	0.00
11	Methyl Iodide	20.000	15.291	23.5	86	0.00
12	Methyl Acetate	20.000	17.223	13.9	79	0.00
13 M	Acrolein	100.000	46.255	53.7#	43	0.00
14 M	Acrylonitrile	100.000	80.984	19.0	74	0.00
15 M	Acetone	100.000	102.345	-2.3	87	0.00
16 M	Carbon Disulfide	20.000	17.278	13.6	80	0.00
17	Allyl chloride	20.000	13.584	32.1#	63	0.00
18 M	Methylene Chloride	20.000	16.962	15.2	78	-0.01
19 M	trans-1,2-Dichloroethene	20.000	16.831	15.8	77	0.00
20 T	Diisopropyl ether	20.000	14.798	26.0#	68	0.00
21 M	1,1-Dichloroethane	20.000	16.507	17.5	74	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.795	16.0	76	0.00
23 M	tert-Butyl Alcohol	100.000	90.345	9.7	84	0.01
24 M	Methyl tert-Butyl Ether	20.000	16.428	17.9	75	0.00
25 M	Chloroform	20.000	16.853	15.7	77	0.00
26	Cyclohexane	20.000	15.935	20.3	71	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.690	1.0	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	16.509	17.5	77	0.00
30 M	2-Butanone	100.000	80.771	19.2	74	0.00
31	2,2-Dichloropropane	20.000	16.696	16.5	77	0.00
32 M	1,1,1-Trichloroethane	20.000	16.516	17.4	78	0.00
33 M	Carbon Tetrachloride	20.000	16.457	17.7	76	0.00
34 M	Benzene	20.000	16.000	20.0	75	0.00
35	Methacrylonitrile	20.000	15.895	20.5	72	0.00
36 M	1,2-Dichloroethane	20.000	15.614	21.9	71	0.00
37 M	Trichloroethene	20.000	17.052	14.7	78	0.00
38	Methylcyclohexane	20.000	15.851	20.7	73	0.00
39 M	1,2-Dichloropropane	20.000	16.522	17.4	76	0.00
40	Dibromomethane	20.000	16.563	17.2	76	0.00
41 M	Bromodichloromethane	20.000	15.970	20.1	76	0.00
42 M	Vinyl Acetate	100.000	77.176	22.8	70	0.00
43	Ethyl Acetate	20.000	15.347	23.3	71	0.00
44	Isopropyl Acetate	20.000	15.516	22.4	72	0.00
45 T	1,4-Dioxane	400.000	333.713	16.6	75	0.00
46	Methyl methacrylate	20.000	14.480	27.6#	67	0.00
47	n-amyl Acetate	20.000	14.005	30.0#	75	0.05
48 M	t-1,3-Dichloropropene	20.000	15.455	22.7	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	15.562	22.2	74	0.00
50 M	1,1,2-Trichloroethane	20.000	16.625	16.9	77	0.00
51	Ethyl methacrylate	20.000	15.262	23.7	72	0.00
52	1,3-Dichloropropane	20.000	16.407	18.0	76	0.00
53 M	Dibromochloromethane	20.000	16.398	18.0	78	0.00
54 M	1,2-Dibromoethane	20.000	15.838	20.8	73	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.598	20.4	74	0.00
56 M	Bromoform	20.000	15.218	23.9	74	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.765	20.2	71	0.00
59 M	2-Hexanone	100.000	76.874	23.1	71	0.00
60 S	4-Bromofluorobenzene	30.000	29.427	1.9	91	0.00
61 M	Tetrachloroethene	20.000	18.157	9.2	85	0.00
62 M	Toluene	20.000	16.636	16.8	75	0.00
63 S	Toluene-d8	30.000	29.636	1.2	92	0.00
64 M	Chlorobenzene	20.000	16.390	18.0	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	15.566	22.2	72	0.00
66 M	Ethyl Benzene	20.000	16.272	18.6	74	0.00
67 M	m/p-Xylenes	40.000	33.029	17.4	76	0.00
68 M	o-Xylene	20.000	16.286	18.6	75	0.00
69 M	Styrene	20.000	16.046	19.8	73	0.00
70	Isopropylbenzene	20.000	16.562	17.2	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.274	18.6	72	0.00
72	1,2,3-Trichloropropane	20.000	22.169	-10.8	110	0.00
73	Bromobenzene	20.000	16.760	16.2	78	0.00
74	n-propylbenzene	20.000	16.171	19.1	74	0.00
75	2-Chlorotoluene	20.000	16.075	19.6	73	0.00
76	1,3,5-Trimethylbenzene	20.000	15.879	20.6	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	11.236	43.8#	55	0.00
78	4-Chlorotoluene	20.000	15.854	20.7	74	0.00
79	tert-butylbenzene	20.000	16.054	19.7	73	0.00
80	1,2,4-Trimethylbenzene	20.000	16.011	19.9	74	0.00
81	sec-Butylbenzene	20.000	16.035	19.8	73	0.00
82	p-Isopropyltoluene	20.000	16.038	19.8	73	0.00
83 M	1,3-Dichlorobenzene	20.000	16.816	15.9	77	0.00
84 M	1,4-Dichlorobenzene	20.000	16.731	16.3	76	0.00
85	n-Butylbenzene	20.000	15.916	20.4	72	0.00
86 T	Hexachloroethane	20.000	15.359	23.2	71	0.00
87 M	1,2-Dichlorobenzene	20.000	16.868	15.7	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.843	20.8	71	0.00
89	1,2,4-Trichlorobenzene	20.000	16.485	17.6	77	0.00
90	Hexachlorobutadiene	20.000	15.291	23.5	70	0.00
91 M	Naphthalene	20.000	16.148	19.3	74	0.00
92	1,2,3-Trichlorobenzene	20.000	16.485	17.6	77	0.00

(#) = Out of Range

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