

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088331.D
 Acq On : 20 Nov 2025 15:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 21 03:03:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N11325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	18.322	8.4	79	0.00
3 M	Chloromethane	20.000	18.417	7.9	84	0.00
4 M	Vinyl Chloride	20.000	18.777	6.1	86	0.00
5 M	Bromomethane	20.000	15.814	20.9	77	0.00
6 M	Chloroethane	20.000	18.985	5.1	87	0.00
7 M	Trichlorofluoromethane	20.000	18.086	9.6	82	0.00
8 T	Diethyl Ether	20.000	19.725	1.4	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.606	7.0	84	0.00
10 M	1,1-Dichloroethene	20.000	19.190	4.0	88	0.00
11	Methyl Iodide	20.000	15.466	22.7	75	0.00
12	Methyl Acetate	20.000	21.616	-8.1	102	0.00
13 M	Acrolein	100.000	121.857	-21.9	130	0.00
14 M	Acrylonitrile	100.000	102.102	-2.1	98	0.00
15 M	Acetone	100.000	76.212	23.8	72	0.00
16 M	Carbon Disulfide	20.000	18.522	7.4	84	0.00
17	Allyl chloride	20.000	18.725	6.4	88	0.00
18 M	Methylene Chloride	20.000	19.935	0.3	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.195	4.0	88	0.00
20 T	Diisopropyl ether	20.000	20.002	-0.0	95	0.00
21 M	1,1-Dichloroethane	20.000	19.877	0.6	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.988	0.1	95	0.00
23 M	tert-Butyl Alcohol	100.000	97.786	2.2	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.527	2.4	95	0.00
25 M	Chloroform	20.000	20.150	-0.7	96	0.00
26	Cyclohexane	20.000	17.567	12.2	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.125	2.9	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.596	7.0	83	0.00
30 M	2-Butanone	100.000	93.171	6.8	87	0.00
31	2,2-Dichloropropane	20.000	20.264	-1.3	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.440	2.8	87	0.00
33 M	Carbon Tetrachloride	20.000	18.494	7.5	83	0.00
34 M	Benzene	20.000	20.352	-1.8	93	0.00
35	Methacrylonitrile	20.000	21.567	-7.8	102	0.00
36 M	1,2-Dichloroethane	20.000	20.575	-2.9	95	0.00
37 M	Trichloroethene	20.000	20.334	-1.7	92	0.00
38	Methylcyclohexane	20.000	16.955	15.2	75	0.00
39 M	1,2-Dichloropropane	20.000	20.834	-4.2	97	0.00
40	Dibromomethane	20.000	20.754	-3.8	95	0.00
41 M	Bromodichloromethane	20.000	20.746	-3.7	98	0.00
42 M	Vinyl Acetate	100.000	111.185	-11.2	104	0.00
43	Ethyl Acetate	20.000	20.371	-1.9	93	0.00
44	Isopropyl Acetate	20.000	20.762	-3.8	97	0.00
45 T	1,4-Dioxane	400.000	448.157	-12.0	98	0.00
46	Methyl methacrylate	20.000	20.432	-2.2	97	0.00
47	n-amyl Acetate	20.000	11.818	40.9#	60	0.01
48 M	t-1,3-Dichloropropene	20.000	19.474	2.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.530	-2.7	95	0.00
50 M	1,1,2-Trichloroethane	20.000	21.244	-6.2	99	0.00
51	Ethyl methacrylate	20.000	19.676	1.6	97	0.00
52	1,3-Dichloropropane	20.000	20.311	-1.6	94	0.00
53 M	Dibromochloromethane	20.000	20.430	-2.1	97	0.00
54 M	1,2-Dibromoethane	20.000	20.793	-4.0	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.596	6.4	91	0.00
56 M	Bromoform	20.000	19.414	2.9	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.470	-8.5	99	0.00
59 M	2-Hexanone	100.000	98.849	1.2	94	0.00
60 S	4-Bromofluorobenzene	30.000	28.066	6.4	89	0.00
61 M	Tetrachloroethene	20.000	23.962	-19.8	104	0.00
62 M	Toluene	20.000	21.233	-6.2	95	0.00
63 S	Toluene-d8	30.000	30.805	-2.7	93	0.00
64 M	Chlorobenzene	20.000	20.572	-2.9	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.312	-6.6	97	0.00
66 M	Ethyl Benzene	20.000	19.219	3.9	87	0.00
67 M	m/p-Xylenes	40.000	38.989	2.5	88	0.00
68 M	o-Xylene	20.000	19.421	2.9	90	0.00
69 M	Styrene	20.000	19.272	3.6	91	0.00
70	Isopropylbenzene	20.000	18.598	7.0	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.699	1.5	91	0.00
72	1,2,3-Trichloropropane	20.000	18.294	8.5	92	0.00
73	Bromobenzene	20.000	20.471	-2.4	95	0.00
74	n-propylbenzene	20.000	18.675	6.6	85	0.00
75	2-Chlorotoluene	20.000	18.910	5.4	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.318	8.4	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.444	7.8	91	0.00
78	4-Chlorotoluene	20.000	18.938	5.3	87	0.00
79	tert-butylbenzene	20.000	18.122	9.4	84	0.00
80	1,2,4-Trimethylbenzene	20.000	18.623	6.9	86	0.00
81	sec-Butylbenzene	20.000	17.963	10.2	80	0.00
82	p-Isopropyltoluene	20.000	18.263	8.7	82	0.00
83 M	1,3-Dichlorobenzene	20.000	19.876	0.6	90	0.00
84 M	1,4-Dichlorobenzene	20.000	19.599	2.0	91	0.00
85	n-Butylbenzene	20.000	17.873	10.6	79	0.00
86 T	Hexachloroethane	20.000	14.795	26.0#	69	0.00
87 M	1,2-Dichlorobenzene	20.000	19.747	1.3	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.381	3.1	94	0.00
89	1,2,4-Trichlorobenzene	20.000	19.492	2.5	92	0.00
90	Hexachlorobutadiene	20.000	19.236	3.8	86	0.00
91 M	Naphthalene	20.000	20.215	-1.1	97	0.00
92	1,2,3-Trichlorobenzene	20.000	19.492	2.5	92	0.00

(#) = Out of Range

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