

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088036.D
 Acq On : 08 Oct 2025 12:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN100825

Quant Time: Oct 09 02:40:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	20.154	-0.8	97	0.00
3 M	Chloromethane	20.000	20.058	-0.3	101	0.00
4 M	Vinyl Chloride	20.000	19.632	1.8	98	0.00
5 M	Bromomethane	20.000	21.918	-9.6	115	0.00
6 M	Chloroethane	20.000	18.828	5.9	95	0.00
7 M	Trichlorofluoromethane	20.000	19.378	3.1	98	0.00
8 T	Diethyl Ether	20.000	18.530	7.3	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.799	1.0	101	0.00
10 M	1,1-Dichloroethene	20.000	19.526	2.4	99	0.00
11	Methyl Iodide	20.000	17.244	13.8	105	0.00
12	Methyl Acetate	20.000	18.325	8.4	93	0.00
13 M	Acrolein	100.000	99.064	0.9	112	0.00
14 M	Acrylonitrile	100.000	93.988	6.0	96	0.00
15 M	Acetone	100.000	89.462	10.5	89	0.00
16 M	Carbon Disulfide	20.000	19.779	1.1	101	0.01
17	Allyl chloride	20.000	18.874	5.6	96	0.00
18 M	Methylene Chloride	20.000	19.167	4.2	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.357	3.2	97	0.00
20 T	Diisopropyl ether	20.000	19.048	4.8	96	0.00
21 M	1,1-Dichloroethane	20.000	18.992	5.0	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.048	4.8	96	0.00
23 M	tert-Butyl Alcohol	100.000	93.763	6.2	95	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.751	6.2	96	0.00
25 M	Chloroform	20.000	19.120	4.4	98	0.00
26	Cyclohexane	20.000	19.433	2.8	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.945	0.2	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.507	2.5	99	0.00
30 M	2-Butanone	100.000	90.720	9.3	91	0.00
31	2,2-Dichloropropane	20.000	18.552	7.2	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.406	3.0	96	0.00
33 M	Carbon Tetrachloride	20.000	19.562	2.2	98	0.00
34 M	Benzene	20.000	19.081	4.6	97	0.00
35	Methacrylonitrile	20.000	19.875	0.6	99	0.00
36 M	1,2-Dichloroethane	20.000	19.378	3.1	97	0.00
37 M	Trichloroethene	20.000	19.205	4.0	97	0.00
38	Methylcyclohexane	20.000	19.701	1.5	100	0.00
39 M	1,2-Dichloropropane	20.000	18.608	7.0	95	0.00
40	Dibromomethane	20.000	18.910	5.4	95	0.00
41 M	Bromodichloromethane	20.000	19.165	4.2	98	0.00
42 M	Vinyl Acetate	100.000	100.422	-0.4	107	0.00
43	Ethyl Acetate	20.000	19.305	3.5	96	0.00
44	Isopropyl Acetate	20.000	18.583	7.1	94	0.00
45 T	1,4-Dioxane	400.000	410.874	-2.7	95	0.00
46	Methyl methacrylate	20.000	18.835	5.8	107	0.00
47	n-amyl Acetate	20.000	20.438	-2.2	104	0.05
48 M	t-1,3-Dichloropropene	20.000	18.462	7.7	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.663	6.7	95	0.00
50 M	1,1,2-Trichloroethane	20.000	18.672	6.6	95	0.00
51	Ethyl methacrylate	20.000	18.832	5.8	99	0.00
52	1,3-Dichloropropane	20.000	18.977	5.1	96	0.00
53 M	Dibromochloromethane	20.000	18.861	5.7	97	0.00
54 M	1,2-Dibromoethane	20.000	18.734	6.3	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.302	0.7	97	0.00
56 M	Bromoform	20.000	18.560	7.2	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.964	3.0	95	0.00
59 M	2-Hexanone	100.000	93.537	6.5	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.914	0.3	98	0.00
61 M	Tetrachloroethene	20.000	20.058	-0.3	98	0.00
62 M	Toluene	20.000	19.478	2.6	96	0.00
63 S	Toluene-d8	30.000	30.075	-0.2	98	0.00
64 M	Chlorobenzene	20.000	19.301	3.5	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.526	2.4	94	0.00
66 M	Ethyl Benzene	20.000	19.892	0.5	98	0.00
67 M	m/p-Xylenes	40.000	38.967	2.6	96	0.00
68 M	o-Xylene	20.000	19.959	0.2	98	0.00
69 M	Styrene	20.000	19.412	2.9	99	0.00
70	Isopropylbenzene	20.000	19.630	1.9	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.080	4.6	95	0.00
72	1,2,3-Trichloropropane	20.000	20.021	-0.1	104	0.00
73	Bromobenzene	20.000	19.358	3.2	95	0.00
74	n-propylbenzene	20.000	19.511	2.4	97	0.00
75	2-Chlorotoluene	20.000	19.590	2.1	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.632	1.8	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.725	11.4	97	0.00
78	4-Chlorotoluene	20.000	20.011	-0.1	99	0.00
79	tert-butylbenzene	20.000	20.095	-0.5	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.362	3.2	96	0.00
81	sec-Butylbenzene	20.000	20.024	-0.1	99	0.00
82	p-Isopropyltoluene	20.000	19.946	0.3	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.575	2.1	96	0.00
84 M	1,4-Dichlorobenzene	20.000	19.717	1.4	96	0.00
85	n-Butylbenzene	20.000	19.531	2.3	96	0.00
86 T	Hexachloroethane	20.000	19.082	4.6	95	0.00
87 M	1,2-Dichlorobenzene	20.000	19.720	1.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.472	7.6	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.094	4.5	94	0.00
90	Hexachlorobutadiene	20.000	19.868	0.7	100	0.00
91 M	Naphthalene	20.000	19.071	4.6	94	0.00
92	1,2,3-Trichlorobenzene	20.000	19.094	4.5	94	0.00

(#) = Out of Range

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