

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087425.D
 Acq On : 28 Jul 2025 11:54
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN072825

Quant Time: Jul 28 13:25:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	21.236	-6.2	82	0.00
3 M	Chloromethane	20.000	21.489	-7.4	86	0.00
4 M	Vinyl Chloride	20.000	20.586	-2.9	82	0.00
5 M	Bromomethane	20.000	19.968	0.2	82	0.00
6 M	Chloroethane	20.000	20.958	-4.8	83	0.00
7 M	Trichlorofluoromethane	20.000	20.690	-3.5	85	0.00
8 T	Diethyl Ether	20.000	21.182	-5.9	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.948	0.3	81	0.00
10 M	1,1-Dichloroethene	20.000	21.187	-5.9	84	0.00
11	Methyl Iodide	20.000	17.564	12.2	92	0.00
12	Methyl Acetate	20.000	20.709	-3.5	84	0.00
13 M	Acrolein	100.000	117.257	-17.3	119	0.00
14 M	Acrylonitrile	100.000	101.453	-1.5	81	0.00
15 M	Acetone	100.000	96.630	3.4	74	-0.01
16 M	Carbon Disulfide	20.000	20.720	-3.6	85	0.00
17	Allyl chloride	20.000	20.234	-1.2	81	0.00
18 M	Methylene Chloride	20.000	19.857	0.7	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.531	2.3	81	0.00
20 T	Diisopropyl ether	20.000	20.506	-2.5	80	0.00
21 M	1,1-Dichloroethane	20.000	20.447	-2.2	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.151	-0.8	81	0.00
23 M	tert-Butyl Alcohol	100.000	102.944	-2.9	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.435	-2.2	83	0.00
25 M	Chloroform	20.000	19.971	0.1	81	0.00
26	Cyclohexane	20.000	19.622	1.9	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.892	0.4	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	20.480	-2.4	83	0.00
30 M	2-Butanone	100.000	101.332	-1.3	82	0.00
31	2,2-Dichloropropane	20.000	18.908	5.5	76	0.00
32 M	1,1,1-Trichloroethane	20.000	19.987	0.1	81	0.00
33 M	Carbon Tetrachloride	20.000	20.440	-2.2	83	0.00
34 M	Benzene	20.000	19.953	0.2	80	0.00
35	Methacrylonitrile	20.000	19.253	3.7	79	0.00
36 M	1,2-Dichloroethane	20.000	20.027	-0.1	82	0.00
37 M	Trichloroethene	20.000	20.065	-0.3	82	0.00
38	Methylcyclohexane	20.000	19.624	1.9	82	0.00
39 M	1,2-Dichloropropane	20.000	20.406	-2.0	85	0.00
40	Dibromomethane	20.000	20.008	-0.0	84	0.00
41 M	Bromodichloromethane	20.000	19.932	0.3	84	0.00
42 M	Vinyl Acetate	100.000	99.228	0.8	82	0.00
43	Ethyl Acetate	20.000	19.659	1.7	75	0.00
44	Isopropyl Acetate	20.000	20.327	-1.6	83	0.00
45 T	1,4-Dioxane	400.000	412.361	-3.1	80	0.00
46	Methyl methacrylate	20.000	19.421	2.9	83	0.00
47	n-amyl Acetate	20.000	20.127	-0.6	138	0.02
48 M	t-1,3-Dichloropropene	20.000	19.876	0.6	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.764	1.2	85	0.00
50 M	1,1,2-Trichloroethane	20.000	19.602	2.0	84	0.00
51	Ethyl methacrylate	20.000	19.648	1.8	84	0.00
52	1,3-Dichloropropane	20.000	20.440	-2.2	89	0.00
53 M	Dibromochloromethane	20.000	20.124	-0.6	87	0.00
54 M	1,2-Dibromoethane	20.000	20.347	-1.7	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	134.997	-35.0#	106	0.00
56 M	Bromoform	20.000	18.736	6.3	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.229	-5.2	87	0.00
59 M	2-Hexanone	100.000	100.286	-0.3	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.605	1.3	85	0.00
61 M	Tetrachloroethene	20.000	20.141	-0.7	88	0.00
62 M	Toluene	20.000	20.305	-1.5	88	0.00
63 S	Toluene-d8	30.000	30.352	-1.2	87	0.00
64 M	Chlorobenzene	20.000	20.060	-0.3	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.787	1.1	82	0.00
66 M	Ethyl Benzene	20.000	20.304	-1.5	86	0.00
67 M	m/p-Xylenes	40.000	40.681	-1.7	86	0.00
68 M	o-Xylene	20.000	20.365	-1.8	85	0.00
69 M	Styrene	20.000	19.925	0.4	84	0.00
70	Isopropylbenzene	20.000	20.135	-0.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.522	-2.6	87	0.00
72	1,2,3-Trichloropropane	20.000	18.683	6.6	73	0.00
73	Bromobenzene	20.000	20.138	-0.7	88	0.00
74	n-propylbenzene	20.000	20.081	-0.4	85	0.00
75	2-Chlorotoluene	20.000	20.229	-1.1	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.279	-1.4	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.839	10.8	79	0.00
78	4-Chlorotoluene	20.000	20.106	-0.5	84	0.00
79	tert-butylbenzene	20.000	20.153	-0.8	85	0.00
80	1,2,4-Trimethylbenzene	20.000	20.210	-1.1	84	0.00
81	sec-Butylbenzene	20.000	20.327	-1.6	85	0.00
82	p-Isopropyltoluene	20.000	20.514	-2.6	84	0.00
83 M	1,3-Dichlorobenzene	20.000	20.300	-1.5	84	0.00
84 M	1,4-Dichlorobenzene	20.000	20.116	-0.6	84	0.00
85	n-Butylbenzene	20.000	20.341	-1.7	86	0.00
86 T	Hexachloroethane	20.000	20.374	-1.9	86	0.00
87 M	1,2-Dichlorobenzene	20.000	20.189	-0.9	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.943	5.3	82	0.00
89	1,2,4-Trichlorobenzene	20.000	20.050	-0.3	86	0.00
90	Hexachlorobutadiene	20.000	19.766	1.2	86	0.00
91 M	Naphthalene	20.000	20.425	-2.1	88	0.00
92	1,2,3-Trichlorobenzene	20.000	20.050	-0.3	86	0.00

(#) = Out of Range

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