

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	100	0.00
2 M	Dichlorodifluoromethane	1.718	1.732	-0.8	97	0.00
3 M	Chloromethane	1.948	1.954	-0.3	101	0.00
4 M	Vinyl Chloride	2.031	1.994	1.8	98	0.00
5 M	Bromomethane	1.092	1.197	-9.6	115	0.00
6 M	Chloroethane	1.340	1.261	5.9	95	0.00
7 M	Trichlorofluoromethane	2.762	2.676	3.1	98	0.00
8 T	Diethyl Ether	1.248	1.156	7.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.479	1.464	1.0	101	0.00
10 M	1,1-Dichloroethene	1.577	1.540	2.3	99	0.00
11	Methyl Iodide	1.454	1.253	13.8	105	0.00
12	Methyl Acetate	2.564	2.350	8.3	93	0.00
13 M	Acrolein	0.397	0.393	1.0	112	0.00
14 M	Acrylonitrile	1.237	1.163	6.0	96	0.00
15 M	Acetone	0.362	0.324	10.5	89	0.00
16 M	Carbon Disulfide	4.945	4.890	1.1	101	0.01
17	Allyl chloride	2.976	2.809	5.6	96	0.00
18 M	Methylene Chloride	2.005	1.921	4.2	99	0.00
19 M	trans-1,2-Dichloroethene	1.824	1.765	3.2	97	0.00
20 T	Diisopropyl ether	6.776	6.454	4.8	96	0.00
21 M	1,1-Dichloroethane	3.528	3.350	5.0	96	0.00
22 M	cis-1,2-Dichloroethene	2.283	2.174	4.8	96	0.00
23 M	tert-Butyl Alcohol	0.496	0.465	6.2	95	-0.01
24 M	Methyl tert-Butyl Ether	6.809	6.383	6.3	96	0.00
25 M	Chloroform	3.640	3.480	4.4	98	0.00
26	Cyclohexane	2.923	2.840	2.8	96	0.00
27 s	1,2-Dichloroethane-d4	2.336	2.332	0.2	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.430	0.419	2.6	99	0.00
30 M	2-Butanone	0.317	0.288	9.1	91	0.00
31	2,2-Dichloropropane	0.554	0.514	7.2	93	0.00
32 M	1,1,1-Trichloroethane	0.537	0.521	3.0	96	0.00
33 M	Carbon Tetrachloride	0.450	0.440	2.2	98	0.00
34 M	Benzene	1.426	1.361	4.6	97	0.00
35	Methacrylonitrile	0.334	0.331	0.9	99	0.00
36 M	1,2-Dichloroethane	0.495	0.480	3.0	97	0.00
37 M	Trichloroethene	0.338	0.325	3.8	97	0.00
38	Methylcyclohexane	0.531	0.523	1.5	100	0.00
39 M	1,2-Dichloropropane	0.358	0.333	7.0	95	0.00
40	Dibromomethane	0.260	0.246	5.4	95	0.00
41 M	Bromodichloromethane	0.532	0.509	4.3	98	0.00
42 M	Vinyl Acetate	1.080	1.085	-0.5	107	0.00
43	Ethyl Acetate	0.610	0.588	3.6	96	0.00
44	Isopropyl Acetate	0.996	0.925	7.1	94	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	95	0.00
46	Methyl methacrylate	0.439	0.413	5.9	107	0.00
47	n-amyl Acetate	0.472	0.482	-2.1	104	0.05
48 M	t-1,3-Dichloropropene	0.591	0.546	7.6	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.617	0.576	6.6	95	0.00
50 M	1,1,2-Trichloroethane	0.345	0.322	6.7	95	0.00
51	Ethyl methacrylate	0.583	0.549	5.8	99	0.00
52	1,3-Dichloropropane	0.601	0.571	5.0	96	0.00
53 M	Dibromochloromethane	0.412	0.389	5.6	97	0.00
54 M	1,2-Dibromoethane	0.369	0.345	6.5	96	0.00
55 M	2-Chloroethyl vinyl ether	0.315	0.313	0.6	97	0.00
56 M	Bromoform	0.279	0.259	7.2	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.671	0.651	3.0	95	0.00
59 M	2-Hexanone	0.443	0.414	6.5	93	0.00
60 S	4-Bromofluorobenzene	0.495	0.493	0.4	98	0.00
61 M	Tetrachloroethene	0.304	0.305	-0.3	98	0.00
62 M	Toluene	1.702	1.657	2.6	96	0.00
63 S	Toluene-d8	1.337	1.340	-0.2	98	0.00
64 M	Chlorobenzene	1.087	1.049	3.5	95	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.366	2.4	94	0.00
66 M	Ethyl Benzene	1.850	1.840	0.5	98	0.00
67 M	m/p-Xylenes	0.713	0.695	2.5	96	0.00
68 M	o-Xylene	0.710	0.709	0.1	98	0.00
69 M	Styrene	1.175	1.140	3.0	99	0.00
70	Isopropylbenzene	1.740	1.708	1.8	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.590	0.563	4.6	95	0.00
72	1,2,3-Trichloropropane	0.548	0.549	-0.2	104	0.00
73	Bromobenzene	0.425	0.412	3.1	95	0.00
74	n-propylbenzene	2.101	2.050	2.4	97	0.00
75	2-Chlorotoluene	1.285	1.258	2.1	97	0.00
76	1,3,5-Trimethylbenzene	1.478	1.451	1.8	98	0.00
77	t-1,4-Dichloro-2-butene	0.218	0.194	11.0	97	0.00
78	4-Chlorotoluene	1.305	1.306	-0.1	99	0.00
79	tert-butylbenzene	1.282	1.288	-0.5	98	0.00
80	1,2,4-Trimethylbenzene	1.480	1.433	3.2	96	0.00
81	sec-Butylbenzene	1.802	1.804	-0.1	99	0.00
82	p-Isopropyltoluene	1.538	1.534	0.3	98	0.00
83 M	1,3-Dichlorobenzene	0.800	0.783	2.1	96	0.00
84 M	1,4-Dichlorobenzene	0.825	0.814	1.3	96	0.00
85	n-Butylbenzene	1.431	1.398	2.3	96	0.00
86 T	Hexachloroethane	0.308	0.294	4.5	95	0.00
87 M	1,2-Dichlorobenzene	0.787	0.776	1.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.136	0.125	8.1	88	0.00
89	1,2,4-Trichlorobenzene	0.469	0.448	4.5	94	0.00
90	Hexachlorobutadiene	0.163	0.162	0.6	100	0.00
91 M	Naphthalene	1.717	1.637	4.7	94	0.00
92	1,2,3-Trichlorobenzene	0.469	0.448	4.5	94	0.00

(#) = Out of Range

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