

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086255.D
 Acq On : 11 Apr 2025 17:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 01:51:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 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	61	0.00
2 M	Dichlorodifluoromethane	2.404	2.329	3.1	61	0.00
3 M	Chloromethane	3.322	3.290	1.0	65	0.00
4 M	Vinyl Chloride	3.164	3.093	2.2	63	0.00
5 M	Bromomethane	1.578	1.524	3.4	63	0.00
6 M	Chloroethane	1.998	1.989	0.5	65	0.00
7 M	Trichlorofluoromethane	3.433	3.320	3.3	63	0.00
8 T	Diethyl Ether	1.583	1.500	5.2	62	0.00
9	1,1,2-Trichlorotrifluoroeth	2.117	1.981	6.4	60	0.00
10 M	1,1-Dichloroethene	2.284	2.142	6.2	61	0.00
11	Methyl Iodide	2.626	2.513	4.3	62	0.00
12	Methyl Acetate	3.226	2.973	7.8	61	0.00
13 M	Acrolein	0.367	0.303	17.4	68	0.00
14 M	Acrylonitrile	1.362	1.283	5.8	61	0.00
15 M	Acetone	0.345	0.315	8.7	58	0.00
16 M	Carbon Disulfide	6.550	6.271	4.3	61	0.00
17	Allyl chloride	3.981	3.901	2.0	64	0.00
18 M	Methylene Chloride	2.605	2.476	5.0	63	0.00
19 M	trans-1,2-Dichloroethene	2.406	2.267	5.8	62	0.00
20 T	Diisopropyl ether	8.560	7.608	11.1	57	0.00
21 M	1,1-Dichloroethane	4.567	4.406	3.5	62	0.00
22 M	cis-1,2-Dichloroethene	2.866	2.731	4.7	62	0.00
23 M	tert-Butyl Alcohol	0.564	0.506	10.3	57	0.00
24 M	Methyl tert-Butyl Ether	8.244	7.740	6.1	61	0.00
25 M	Chloroform	4.355	4.229	2.9	63	0.00
26	Cyclohexane	4.273	4.002	6.3	62	0.00
27 s	1,2-Dichloroethane-d4	2.926	2.837	3.0	60	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
29	1,1-Dichloropropene	0.537	0.536	0.2	62	0.00
30 M	2-Butanone	0.298	0.289	3.0	59	0.00
31	2,2-Dichloropropane	0.662	0.630	4.8	59	0.00
32 M	1,1,1-Trichloroethane	0.618	0.613	0.8	62	0.00
33 M	Carbon Tetrachloride	0.494	0.480	2.8	60	0.00
34 M	Benzene	1.710	1.702	0.5	62	0.00
35	Methacrylonitrile	0.336	0.348	-3.6	65	0.00
36 M	1,2-Dichloroethane	0.535	0.527	1.5	61	0.00
37 M	Trichloroethene	0.413	0.390	5.6	58	0.00
38	Methylcyclohexane	0.659	0.623	5.5	60	0.00
39 M	1,2-Dichloropropane	0.425	0.419	1.4	61	0.00
40	Dibromomethane	0.275	0.273	0.7	62	0.00
41 M	Bromodichloromethane	0.590	0.577	2.2	61	0.00
42 M	Vinyl Acetate	1.014	1.033	-1.9	61	0.00
43	Ethyl Acetate	0.601	0.513	14.6	52	0.00
44	Isopropyl Acetate	1.114	1.087	2.4	61	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	60	0.00
46	Methyl methacrylate	0.491	0.468	4.7	59	0.00
47	n-amyl Acetate	0.883	0.787	10.9	57	0.00
48 M	t-1,3-Dichloropropene	0.667	0.639	4.2	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.706	0.700	0.8	61	0.00
50 M	1,1,2-Trichloroethane	0.385	0.372	3.4	59	0.00
51	Ethyl methacrylate	0.716	0.672	6.1	59	0.00
52	1,3-Dichloropropane	0.687	0.678	1.3	62	0.00
53 M	Dibromochloromethane	0.422	0.409	3.1	60	0.00
54 M	1,2-Dibromoethane	0.389	0.381	2.1	61	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.268	1.1	49#	0.00
56 M	Bromoform	0.276	0.256	7.2	58	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00
58 M	4-Methyl-2-Pentanone	0.681	0.675	0.9	59	0.00
59 M	2-Hexanone	0.507	0.497	2.0	58	0.00
60 S	4-Bromofluorobenzene	0.597	0.593	0.7	58	0.00
61 M	Tetrachloroethene	0.443	0.436	1.6	60	0.00
62 M	Toluene	2.012	2.024	-0.6	61	0.00
63 S	Toluene-d8	1.694	1.736	-2.5	59	0.00
64 M	Chlorobenzene	1.229	1.213	1.3	60	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.409	-0.7	61	0.00
66 M	Ethyl Benzene	2.232	2.191	1.8	60	0.00
67 M	m/p-Xylenes	0.830	0.800	3.6	59	0.00
68 M	o-Xylene	0.816	0.819	-0.4	61	0.00
69 M	Styrene	1.376	1.320	4.1	59	0.00
70	Isopropylbenzene	2.012	1.938	3.7	59	0.00
71 M	1,1,2,2-Tetrachloroethane	0.573	0.586	-2.3	61	0.00
72	1,2,3-Trichloropropane	0.596	0.572	4.0	59	0.00
73	Bromobenzene	0.446	0.429	3.8	59	0.00
74	n-propylbenzene	2.376	2.251	5.3	59	0.00
75	2-Chlorotoluene	1.494	1.457	2.5	60	0.00
76	1,3,5-Trimethylbenzene	1.653	1.573	4.8	58	0.00
77	t-1,4-Dichloro-2-butene	0.275	0.259	5.8	58	0.00
78	4-Chlorotoluene	1.492	1.416	5.1	60	0.00
79	tert-butylbenzene	1.430	1.362	4.8	59	0.00
80	1,2,4-Trimethylbenzene	1.676	1.585	5.4	58	0.00
81	sec-Butylbenzene	1.995	1.884	5.6	57	0.00
82	p-Isopropyltoluene	1.664	1.531	8.0	56	0.00
83 M	1,3-Dichlorobenzene	0.829	0.766	7.6	58	0.00
84 M	1,4-Dichlorobenzene	0.831	0.752	9.5	56	0.00
85	n-Butylbenzene	1.502	1.334	11.2	55	0.00
86 T	Hexachloroethane	0.281	0.270	3.9	59	0.00
87 M	1,2-Dichlorobenzene	0.818	0.769	6.0	57	0.00
88	1,2-Dibromo-3-Chloropropane	0.130	0.116	10.8	53	0.00
89	1,2,4-Trichlorobenzene	0.398	0.331	16.8	48#	0.00
90	Hexachlorobutadiene	0.172	0.126	26.7#	44#	0.00
91 M	Naphthalene	1.569	1.309	16.6	49#	0.00
92	1,2,3-Trichlorobenzene	0.398	0.331	16.8	48#	0.00

(#) = Out of Range

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