

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082125.D
 Acq On : 14 May 2024 19:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 02:51:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 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	130	0.00
2 M	Dichlorodifluoromethane	1.703	1.592	6.5	123	0.00
3 M	Chloromethane	1.975	2.008	-1.7	136	0.00
4 M	Vinyl Chloride	1.866	2.244	-20.3	162#	0.00
5 M	Bromomethane	0.974	1.347	-38.3#	180#	0.05
6 M	Chloroethane	1.056	1.778	-68.4#	216#	0.02
7 M	Trichlorofluoromethane	2.730	2.907	-6.5	138	0.02
8 T	Diethyl Ether	1.322	1.165	11.9	114	0.01
9	1,1,2-Trichlorotrifluoroeth	1.874	1.774	5.3	121	0.01
10 M	1,1-Dichloroethene	1.833	1.607	12.3	117	0.02
11	Methyl Iodide	1.675	1.724	-2.9	154#	0.01
12	Methyl Acetate	2.344	2.942	-25.5#	171#	0.00
13 M	Acrolein	0.488	0.398	18.4	112	0.01
14 M	Acrylonitrile	1.046	1.107	-5.8	138	0.00
15 M	Acetone	0.236	0.236	0.0	128	0.00
16 M	Carbon Disulfide	5.073	3.773	25.6#	101	0.00
17	Allyl chloride	3.281	3.065	6.6	118	0.01
18 M	Methylene Chloride	2.083	2.024	2.8	132	0.00
19 M	trans-1,2-Dichloroethene	1.908	1.675	12.2	121	0.01
20 T	Diisopropyl ether	7.112	8.048	-13.2	149	0.00
21 M	1,1-Dichloroethane	3.766	4.050	-7.5	139	0.00
22 M	cis-1,2-Dichloroethene	2.331	2.216	4.9	128	0.00
23 M	tert-Butyl Alcohol	0.431	0.409	5.1	118	0.00
24 M	Methyl tert-Butyl Ether	6.602	6.639	-0.6	129	0.00
25 M	Chloroform	3.623	4.002	-10.5	144	0.00
26	Cyclohexane	3.237	2.892	10.7	119	0.00
27 s	1,2-Dichloroethane-d4	2.512	2.842	-13.1	150	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	125	0.00
29	1,1-Dichloropropene	0.447	0.448	-0.2	128	0.00
30 M	2-Butanone	0.230	0.271	-17.8	146	0.00
31	2,2-Dichloropropane	0.458	0.582	-27.1#	165#	0.00
32 M	1,1,1-Trichloroethane	0.514	0.619	-20.4	151#	0.00
33 M	Carbon Tetrachloride	0.417	0.487	-16.8	146	0.00
34 M	Benzene	1.425	1.488	-4.4	130	0.00
35	Methacrylonitrile	0.291	0.323	-11.0	142	0.00
36 M	1,2-Dichloroethane	0.478	0.581	-21.5	155#	0.00
37 M	Trichloroethene	0.349	0.321	8.0	117	0.00
38	Methylcyclohexane	0.540	0.479	11.3	112	0.00
39 M	1,2-Dichloropropane	0.366	0.401	-9.6	143	0.00
40	Dibromomethane	0.235	0.254	-8.1	140	0.00
41 M	Bromodichloromethane	0.502	0.559	-11.4	144	0.00
42 M	Vinyl Acetate	0.980	1.073	-9.5	140	0.00
43	Ethyl Acetate	0.504	0.603	-19.6	155#	0.00
44	Isopropyl Acetate	0.891	1.050	-17.8	149	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	125	0.00
46	Methyl methacrylate	0.407	0.469	-15.2	147	0.00
47	n-amyl Acetate	0.804	0.873	-8.6	140	0.00
48 M	t-1,3-Dichloropropene	0.544	0.551	-1.3	132	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.576	0.593	-3.0	131	0.00
50 M	1,1,2-Trichloroethane	0.319	0.359	-12.5	142	0.00
51	Ethyl methacrylate	0.601	0.590	1.8	126	0.00
52	1,3-Dichloropropane	0.585	0.650	-11.1	142	0.00
53 M	Dibromochloromethane	0.347	0.393	-13.3	150	0.00
54 M	1,2-Dibromoethane	0.318	0.334	-5.0	133	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.322	-7.0	135	0.00
56 M	Bromoform	0.211	0.240	-13.7	145	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	131	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.686	-17.9	151#	0.00
59 M	2-Hexanone	0.432	0.497	-15.0	148	0.00
60 S	4-Bromofluorobenzene	0.499	0.467	6.4	125	0.00
61 M	Tetrachloroethene	0.333	0.338	-1.5	128	0.00
62 M	Toluene	1.688	1.754	-3.9	135	0.00
63 S	Toluene-d8	1.425	1.420	0.4	129	0.00
64 M	Chlorobenzene	1.032	1.071	-3.8	134	0.00
65	1,1,1,2-Tetrachloroethane	0.338	0.362	-7.1	138	0.00
66 M	Ethyl Benzene	1.850	1.931	-4.4	132	0.00
67 M	m/p-Xylenes	0.686	0.693	-1.0	130	0.00
68 M	o-Xylene	0.679	0.683	-0.6	127	0.00
69 M	Styrene	1.139	1.159	-1.8	133	0.00
70	Isopropylbenzene	1.724	1.765	-2.4	130	0.00
71 M	1,1,2,2-Tetrachloroethane	0.496	0.546	-10.1	138	0.00
72	1,2,3-Trichloropropane	0.406	0.516	-27.1#	171#	0.00
73	Bromobenzene	0.369	0.406	-10.0	146	0.00
74	n-propylbenzene	2.035	2.125	-4.4	134	0.00
75	2-Chlorotoluene	1.258	1.272	-1.1	131	0.00
76	1,3,5-Trimethylbenzene	1.395	1.452	-4.1	132	0.00
77	t-1,4-Dichloro-2-butene	0.207	0.193	6.8	124	0.00
78	4-Chlorotoluene	1.233	1.267	-2.8	135	0.00
79	tert-butylbenzene	1.201	1.238	-3.1	131	0.00
80	1,2,4-Trimethylbenzene	1.401	1.455	-3.9	135	0.00
81	sec-Butylbenzene	1.684	1.760	-4.5	136	0.00
82	p-Isopropyltoluene	1.332	1.442	-8.3	138	0.00
83 M	1,3-Dichlorobenzene	0.664	0.753	-13.4	144	0.00
84 M	1,4-Dichlorobenzene	0.668	0.750	-12.3	145	0.00
85	n-Butylbenzene	1.216	1.285	-5.7	140	0.00
86 T	Hexachloroethane	0.266	0.265	0.4	128	0.00
87 M	1,2-Dichlorobenzene	0.662	0.744	-12.4	146	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.108	2.7	120	0.00
89	1,2,4-Trichlorobenzene	0.364	0.411	-12.9	149	0.00
90	Hexachlorobutadiene	0.135	0.164	-21.5	167#	0.00
91 M	Naphthalene	1.385	1.303	5.9	121	0.00
92	1,2,3-Trichlorobenzene	0.364	0.411	-12.9	149	0.00

(#) = Out of Range

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