

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082114.D
 Acq On : 14 May 2024 13:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 15 02:45:52 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	144	0.00
2 M	Dichlorodifluoromethane	1.703	1.546	9.2	132	0.00
3 M	Chloromethane	1.975	1.894	4.1	142	0.00
4 M	Vinyl Chloride	1.866	2.071	-11.0	166#	0.00
5 M	Bromomethane	0.974	1.182	-21.4	175#	0.05
6 M	Chloroethane	1.056	1.585	-50.1#	214#	0.03
7 M	Trichlorofluoromethane	2.730	2.753	-0.8	145	0.02
8 T	Diethyl Ether	1.322	1.131	14.4	122	0.01
9	1,1,2-Trichlorotrifluoroeth	1.874	1.649	12.0	125	0.02
10 M	1,1-Dichloroethene	1.833	1.506	17.8	122	0.02
11	Methyl Iodide	1.675	1.536	8.3	152#	0.00
12	Methyl Acetate	2.344	2.752	-17.4	177#	0.00
13 M	Acrolein	0.488	0.484	0.8	151#	0.00
14 M	Acrylonitrile	1.046	1.020	2.5	141	0.00
15 M	Acetone	0.236	0.219	7.2	131	0.00
16 M	Carbon Disulfide	5.073	3.613	28.8#	107	0.00
17	Allyl chloride	3.281	3.018	8.0	128	0.01
18 M	Methylene Chloride	2.083	1.947	6.5	140	0.00
19 M	trans-1,2-Dichloroethene	1.908	1.617	15.3	130	0.00
20 T	Diisopropyl ether	7.112	7.607	-7.0	156#	0.00
21 M	1,1-Dichloroethane	3.766	3.629	3.6	137	0.00
22 M	cis-1,2-Dichloroethene	2.331	2.112	9.4	135	0.00
23 M	tert-Butyl Alcohol	0.431	0.389	9.7	124	0.00
24 M	Methyl tert-Butyl Ether	6.602	6.262	5.1	134	0.00
25 M	Chloroform	3.623	3.769	-4.0	150	0.00
26	Cyclohexane	3.237	2.816	13.0	128	0.00
27 s	1,2-Dichloroethane-d4	2.512	2.819	-12.2	164#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	140	0.00
29	1,1-Dichloropropene	0.447	0.427	4.5	136	0.00
30 M	2-Butanone	0.230	0.243	-5.7	146	0.00
31	2,2-Dichloropropane	0.458	0.504	-10.0	159#	0.00
32 M	1,1,1-Trichloroethane	0.514	0.555	-8.0	152#	0.00
33 M	Carbon Tetrachloride	0.417	0.454	-8.9	152#	0.00
34 M	Benzene	1.425	1.390	2.5	136	0.00
35	Methacrylonitrile	0.291	0.332	-14.1	163#	0.00
36 M	1,2-Dichloroethane	0.478	0.532	-11.3	159#	0.00
37 M	Trichloroethene	0.349	0.307	12.0	125	0.00
38	Methylcyclohexane	0.540	0.455	15.7	119	0.00
39 M	1,2-Dichloropropane	0.366	0.372	-1.6	148	0.00
40	Dibromomethane	0.235	0.237	-0.9	146	0.00
41 M	Bromodichloromethane	0.502	0.539	-7.4	156#	0.00
42 M	Vinyl Acetate	0.980	0.983	-0.3	143	0.00
43	Ethyl Acetate	0.504	0.529	-5.0	152#	0.00
44	Isopropyl Acetate	0.891	0.957	-7.4	152#	0.00
45 T	1,4-Dioxane	0.007	0.006	14.3	127	0.00
46	Methyl methacrylate	0.407	0.438	-7.6	153#	0.00
47	n-amyl Acetate	0.804	0.835	-3.9	150#	0.00
48 M	t-1,3-Dichloropropene	0.544	0.530	2.6	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.576	0.547	5.0	135	0.00
50 M	1,1,2-Trichloroethane	0.319	0.337	-5.6	149	0.00
51	Ethyl methacrylate	0.601	0.543	9.7	129	0.00
52	1,3-Dichloropropane	0.585	0.600	-2.6	147	0.00
53 M	Dibromochloromethane	0.347	0.363	-4.6	154#	0.00
54 M	1,2-Dibromoethane	0.318	0.322	-1.3	143	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.288	4.3	134	0.00
56 M	Bromoform	0.211	0.223	-5.7	151#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	153#	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.599	-2.9	155#	0.00
59 M	2-Hexanone	0.432	0.434	-0.5	151#	0.00
60 S	4-Bromofluorobenzene	0.499	0.449	10.0	141	0.00
61 M	Tetrachloroethene	0.333	0.313	6.0	139	0.00
62 M	Toluene	1.688	1.580	6.4	142	0.00
63 S	Toluene-d8	1.425	1.373	3.6	146	0.00
64 M	Chlorobenzene	1.032	0.955	7.5	139	0.00
65	1,1,1,2-Tetrachloroethane	0.338	0.341	-0.9	152#	0.00
66 M	Ethyl Benzene	1.850	1.738	6.1	139	0.00
67 M	m/p-Xylenes	0.686	0.631	8.0	138	0.00
68 M	o-Xylene	0.679	0.613	9.7	134	0.00
69 M	Styrene	1.139	1.049	7.9	141	0.00
70	Isopropylbenzene	1.724	1.633	5.3	141	0.00
71 M	1,1,2,2-Tetrachloroethane	0.496	0.485	2.2	144	0.00
72	1,2,3-Trichloropropane	0.406	0.387	4.7	150#	0.00
73	Bromobenzene	0.369	0.361	2.2	152#	0.00
74	n-propylbenzene	2.035	1.926	5.4	142	0.00
75	2-Chlorotoluene	1.258	1.159	7.9	140	0.00
76	1,3,5-Trimethylbenzene	1.395	1.305	6.5	139	0.00
77	t-1,4-Dichloro-2-butene	0.207	0.169	18.4	127	0.00
78	4-Chlorotoluene	1.233	1.127	8.6	141	0.00
79	tert-butylbenzene	1.201	1.113	7.3	138	0.00
80	1,2,4-Trimethylbenzene	1.401	1.325	5.4	144	0.00
81	sec-Butylbenzene	1.684	1.623	3.6	147	0.00
82	p-Isopropyltoluene	1.332	1.278	4.1	143	0.00
83 M	1,3-Dichlorobenzene	0.664	0.696	-4.8	156#	0.00
84 M	1,4-Dichlorobenzene	0.668	0.681	-1.9	155#	0.00
85	n-Butylbenzene	1.216	1.147	5.7	146	0.00
86 T	Hexachloroethane	0.266	0.240	9.8	136	0.00
87 M	1,2-Dichlorobenzene	0.662	0.668	-0.9	153#	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.098	11.7	127	0.00
89	1,2,4-Trichlorobenzene	0.364	0.368	-1.1	156#	0.00
90	Hexachlorobutadiene	0.135	0.147	-8.9	175#	0.00
91 M	Naphthalene	1.385	1.167	15.7	127	0.00
92	1,2,3-Trichlorobenzene	0.364	0.368	-1.1	156#	0.00

(#) = Out of Range

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