

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081151.D
 Acq On : 23 Feb 2024 09:35
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 24 00:08:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 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	76	0.00
2 M	Dichlorodifluoromethane	2.040	2.011	1.4	83	0.00
3 M	Chloromethane	2.050	2.060	-0.5	82	0.00
4 M	Vinyl Chloride	2.444	2.134	12.7	71	0.00
5 M	Bromomethane	1.642	1.455	11.4	71	0.05
6 M	Chloroethane	1.593	1.432	10.1	72	0.02
7 M	Trichlorofluoromethane	3.218	3.134	2.6	76	0.02
8 T	Diethyl Ether	1.131	1.144	-1.1	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.747	1.813	-3.8	81	0.00
10 M	1,1-Dichloroethene	1.712	1.641	4.1	75	0.01
11	Methyl Iodide	1.834	1.692	7.7	77	0.00
12	Methyl Acetate	1.551	1.914	-23.4	101	-0.01
13 M	Acrolein	0.338	0.422	-24.9	95	0.00
14 M	Acrylonitrile	0.770	0.888	-15.3	92	0.00
15 M	Acetone	0.177	0.157	11.3	71	0.00
16 M	Carbon Disulfide	4.698	4.299	8.5	71	0.01
17	Allyl chloride	2.150	2.447	-13.8	89	0.00
18 M	Methylene Chloride	1.956	1.903	2.7	75	0.00
19 M	trans-1,2-Dichloroethene	1.943	1.866	4.0	74	0.00
20 T	Diisopropyl ether	5.168	5.863	-13.4	92	0.00
21 M	1,1-Dichloroethane	3.312	3.377	-2.0	80	0.00
22 M	cis-1,2-Dichloroethene	2.258	2.166	4.1	74	0.00
23 M	tert-Butyl Alcohol	0.281	0.342	-21.7	95	0.00
24 M	Methyl tert-Butyl Ether	5.675	5.762	-1.5	80	0.00
25 M	Chloroform	3.674	3.588	2.3	76	0.00
26	Cyclohexane	2.494	2.941	-17.9	90	0.00
27 s	1,2-Dichloroethane-d4	2.254	2.337	-3.7	81	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
29	1,1-Dichloropropene	0.447	0.447	0.0	76	0.00
30 M	2-Butanone	0.164	0.178	-8.5	85	0.00
31	2,2-Dichloropropane	0.509	0.524	-2.9	79	0.00
32 M	1,1,1-Trichloroethane	0.562	0.546	2.8	75	0.00
33 M	Carbon Tetrachloride	0.474	0.472	0.4	76	0.00
34 M	Benzene	1.366	1.360	0.4	76	0.00
35	Methacrylonitrile	0.193	0.233	-20.7	98	0.00
36 M	1,2-Dichloroethane	0.458	0.461	-0.7	76	0.00
37 M	Trichloroethene	0.363	0.347	4.4	71	0.00
38	Methylcyclohexane	0.446	0.531	-19.1	91	0.00
39 M	1,2-Dichloropropane	0.324	0.343	-5.9	81	0.00
40	Dibromomethane	0.246	0.244	0.8	76	0.00
41 M	Bromodichloromethane	0.482	0.468	2.9	76	0.00
42 M	Vinyl Acetate	0.701	0.823	-17.4	93	0.00
43	Ethyl Acetate	0.341	0.441	-29.3#	99	0.00
44	Isopropyl Acetate	0.614	0.773	-25.9#	99	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	91	0.00
46	Methyl methacrylate	0.281	0.342	-21.7	97	0.00
47	n-amyl Acetate	0.535	0.641	-19.8	94	0.00
48 M	t-1,3-Dichloropropene	0.505	0.510	-1.0	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.548	0.556	-1.5	78	0.00
50 M	1,1,2-Trichloroethane	0.341	0.327	4.1	75	0.00
51	Ethyl methacrylate	0.477	0.499	-4.6	83	0.00
52	1,3-Dichloropropane	0.563	0.579	-2.8	79	0.00
53 M	Dibromochloromethane	0.372	0.336	9.7	72	0.00
54 M	1,2-Dibromoethane	0.353	0.337	4.5	75	0.00
55 M	2-Chloroethyl vinyl ether	0.244	0.277	-13.5	89	0.00
56 M	Bromoform	0.237	0.212	10.5	72	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	0.389	0.491	-26.2#	97	0.00
59 M	2-Hexanone	0.286	0.346	-21.0	94	0.00
60 S	4-Bromofluorobenzene	0.459	0.478	-4.1	76	0.00
61 M	Tetrachloroethene	0.343	0.342	0.3	74	0.00
62 M	Toluene	1.643	1.655	-0.7	76	0.00
63 S	Toluene-d8	1.346	1.383	-2.7	76	0.00
64 M	Chlorobenzene	1.006	0.989	1.7	74	0.00
65	1,1,1,2-Tetrachloroethane	0.373	0.365	2.1	73	0.00
66 M	Ethyl Benzene	1.728	1.789	-3.5	77	0.00
67 M	m/p-Xylenes	0.679	0.683	-0.6	74	0.00
68 M	o-Xylene	0.665	0.667	-0.3	76	0.00
69 M	Styrene	1.095	1.096	-0.1	76	0.00
70	Isopropylbenzene	1.621	1.759	-8.5	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.500	0.528	-5.6	80	0.00
72	1,2,3-Trichloropropane	0.391	0.475	-21.5	95	0.00
73	Bromobenzene	0.403	0.390	3.2	71	0.00
74	n-propylbenzene	1.842	2.087	-13.3	84	0.00
75	2-Chlorotoluene	1.143	1.233	-7.9	79	0.00
76	1,3,5-Trimethylbenzene	1.326	1.476	-11.3	82	0.00
77	t-1,4-Dichloro-2-butene	0.148	0.165	-11.5	88	0.00
78	4-Chlorotoluene	1.145	1.202	-5.0	77	0.00
79	tert-butylbenzene	1.101	1.236	-12.3	81	0.00
80	1,2,4-Trimethylbenzene	1.321	1.468	-11.1	82	0.00
81	sec-Butylbenzene	1.541	1.820	-18.1	87	0.00
82	p-Isopropyltoluene	1.294	1.482	-14.5	86	0.00
83 M	1,3-Dichlorobenzene	0.725	0.744	-2.6	74	0.00
84 M	1,4-Dichlorobenzene	0.728	0.752	-3.3	75	0.00
85	n-Butylbenzene	1.068	1.332	-24.7	94	0.00
86 T	Hexachloroethane	0.204	0.251	-23.0	94	0.00
87 M	1,2-Dichlorobenzene	0.706	0.740	-4.8	80	0.00
88	1,2-Dibromo-3-Chloropropane	0.090	0.099	-10.0	90	0.00
89	1,2,4-Trichlorobenzene	0.345	0.409	-18.6	87	0.00
90	Hexachlorobutadiene	0.151	0.156	-3.3	77	0.00
91 M	Naphthalene	1.226	1.449	-18.2	90	0.00
92	1,2,3-Trichlorobenzene	0.345	0.409	-18.6	87	0.00

(#) = Out of Range

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