

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072693.D
 Acq On : 07 Jun 2022 17:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 09:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	78	0.00
2 M	Dichlorodifluoromethane	2.247	2.146	4.5	75	0.00
3 M	Chloromethane	2.444	2.303	5.8	75	0.00
4 M	Vinyl Chloride	2.204	2.185	0.9	77	0.00
5 M	Bromomethane	1.140	1.045	8.3	74	0.00
6 M	Chloroethane	1.469	1.582	-7.7	79	0.00
7 M	Trichlorofluoromethane	3.984	3.769	5.4	74	0.00
8 T	Diethyl Ether	1.544	1.447	6.3	73	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	2.051	2.3	76	0.00
10 M	1,1-Dichloroethene	1.982	1.845	6.9	74	0.00
11	Methyl Iodide	1.984	1.821	8.2	69	0.00
12	Methyl Acetate	4.089	4.188	-2.4	82	0.00
13 M	Acrolein	0.358	0.329	8.1	77	0.00
14 M	Acrylonitrile	1.667	1.707	-2.4	79	0.00
15 M	Acetone	0.451	0.449	0.4	77	0.00
16 M	Carbon Disulfide	4.997	4.334	13.3	72	-0.01
17	Allyl chloride	4.282	4.074	4.9	75	0.00
18 M	Methylene Chloride	2.489	2.397	3.7	75	0.00
19 M	trans-1,2-Dichloroethene	2.145	1.961	8.6	71	0.00
20 T	Diisopropyl ether	8.480	8.611	-1.5	77	0.00
21 M	1,1-Dichloroethane	4.711	4.663	1.0	78	0.00
22 M	cis-1,2-Dichloroethene	2.687	2.541	5.4	73	0.00
23 M	tert-Butyl Alcohol	0.776	0.751	3.2	73	0.01
24 M	Methyl tert-Butyl Ether	8.815	8.514	3.4	74	0.01
25 M	Chloroform	4.840	4.718	2.5	75	0.00
26	Cyclohexane	3.928	3.771	4.0	75	0.00
27 s	1,2-Dichloroethane-d4	3.421	3.514	-2.7	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.572	0.522	8.7	75	0.00
30 M	2-Butanone	0.414	0.405	2.2	79	0.00
31	2,2-Dichloropropane	0.774	0.668	13.7	69	0.00
32 M	1,1,1-Trichloroethane	0.748	0.687	8.2	73	0.00
33 M	Carbon Tetrachloride	0.645	0.567	12.1	71	0.00
34 M	Benzene	1.692	1.604	5.2	76	0.00
35	Methacrylonitrile	0.406	0.408	-0.5	85	0.00
36 M	1,2-Dichloroethane	0.715	0.667	6.7	74	0.00
37 M	Trichloroethene	0.408	0.380	6.9	76	0.00
38	Methylcyclohexane	0.683	0.635	7.0	76	0.00
39 M	1,2-Dichloropropane	0.465	0.442	4.9	77	0.00
40	Dibromomethane	0.319	0.302	5.3	77	0.00
41 M	Bromodichloromethane	0.683	0.638	6.6	74	0.00
42 M	Vinyl Acetate	1.347	1.280	5.0	76	0.00
43	Ethyl Acetate	0.793	0.739	6.8	73	0.00
44	Isopropyl Acetate	1.315	1.246	5.2	76	0.00
45 T	1,4-Dioxane	0.011	0.011#	0.0	78	0.00
46	Methyl methacrylate	0.588	0.528	10.2	74	0.00
47	n-amyl Acetate	1.007	0.877	12.9	76	0.00
48 M	t-1,3-Dichloropropene	0.779	0.674	13.5	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.791	0.704	11.0	73	0.00
50 M	1,1,2-Trichloroethane	0.451	0.416	7.8	73	0.00
51	Ethyl methacrylate	0.817	0.749	8.3	75	0.00
52	1,3-Dichloropropane	0.803	0.768	4.4	75	0.00
53 M	Dibromochloromethane	0.498	0.445	10.6	72	0.00
54 M	1,2-Dibromoethane	0.474	0.442	6.8	75	0.00
55 M	2-Chloroethyl vinyl ether	0.320	0.316	1.3	86	0.00
56 M	Bromoform	0.347	0.309	11.0	75	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	0.900	0.899	0.1	79	0.00
59 M	2-Hexanone	0.682	0.676	0.9	80	0.00
60 S	4-Bromofluorobenzene	0.617	0.580	6.0	77	0.00
61 M	Tetrachloroethene	0.371	0.371	0.0	79	0.00
62 M	Toluene	2.034	1.946	4.3	77	0.00
63 S	Toluene-d8	1.662	1.676	-0.8	78	0.00
64 M	Chlorobenzene	1.238	1.150	7.1	75	0.00
65	1,1,1,2-Tetrachloroethane	0.488	0.464	4.9	74	0.00
66 M	Ethyl Benzene	2.335	2.221	4.9	77	0.00
67 M	m/p-Xylenes	0.852	0.799	6.2	77	0.00
68 M	o-Xylene	0.869	0.825	5.1	76	0.00
69 M	Styrene	1.379	1.260	8.6	77	0.00
70	Isopropylbenzene	2.271	2.141	5.7	77	0.00
71 M	1,1,2,2-Tetrachloroethane	0.769	0.761	1.0	79	0.00
72	1,2,3-Trichloropropane	0.671	0.736	-9.7	79	0.00
73	Bromobenzene	0.462	0.417	9.7	75	0.00
74	n-propylbenzene	2.598	2.387	8.1	77	0.00
75	2-Chlorotoluene	1.611	1.532	4.9	79	0.00
76	1,3,5-Trimethylbenzene	1.864	1.761	5.5	78	0.00
77	t-1,4-Dichloro-2-butene	0.283	0.240	15.2	72	0.00
78	4-Chlorotoluene	1.522	1.360	10.6	76	0.00
79	tert-butylbenzene	1.664	1.515	9.0	75	0.00
80	1,2,4-Trimethylbenzene	2.247	2.081	7.4	78	0.00
81	sec-Butylbenzene	2.247	2.081	7.4	78	0.00
82	p-Isopropyltoluene	1.794	1.663	7.3	80	0.00
83 M	1,3-Dichlorobenzene	0.808	0.750	7.2	81	0.00
84 M	1,4-Dichlorobenzene	0.785	0.705	10.2	77	0.00
85	n-Butylbenzene	1.521	1.339	12.0	78	0.00
86 T	Hexachloroethane	0.397	0.352	11.3	73	0.00
87 M	1,2-Dichlorobenzene	0.800	0.724	9.5	77	0.00
88	1,2-Dibromo-3-Chloropropane	0.193	0.172	10.9	74	0.00
89	1,2,4-Trichlorobenzene	0.403	0.354	12.2	78	0.00
90	Hexachlorobutadiene	0.181	0.168	7.2	77	0.00
91 M	Naphthalene	1.608	1.341	16.6	75	0.00
92	1,2,3-Trichlorobenzene	0.410	0.353	13.9	78	0.00

(#) = Out of Range

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