

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072700.D
 Acq On : 08 Jun 2022 13:55
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 09 03:22:45 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 : 0.000 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	75	0.00
2 M	Dichlorodifluoromethane	2.247	0.872	61.2#	31#	0.00
3 M	Chloromethane	2.444	0.943	61.4#	31#	0.00
4 M	Vinyl Chloride	2.204	0.850	61.4#	30#	0.00
5 M	Bromomethane	1.140	0.490	57.0#	36#	-0.01
6 M	Chloroethane	1.469	0.609	58.5#	34#	0.00
7 M	Trichlorofluoromethane	3.984	1.484	62.8#	29#	0.00
8 T	Diethyl Ether	1.544	0.610	60.5#	30#	0.00
9	1,1,2-Trichlorotrifluoroeth	2.099	0.832	60.4#	31#	0.00
10 M	1,1-Dichloroethene	1.982	0.719	63.7#	29#	0.00
11	Methyl Iodide	1.984	0.745	62.4#	28#	0.00
12	Methyl Acetate	4.089	1.723	57.9#	33#	0.00
13 M	Acrolein	0.358	0.141	60.6#	33#	0.00
14 M	Acrylonitrile	1.667	0.698	58.1#	32#	0.00
15 M	Acetone	0.451	0.185	59.0#	32#	0.00
16 M	Carbon Disulfide	4.997	1.712	65.7#	29#	0.00
17	Allyl chloride	4.282	1.684	60.7#	30#	-0.01
18 M	Methylene Chloride	2.489	1.009	59.5#	32#	0.00
19 M	trans-1,2-Dichloroethene	2.145	0.809	62.3#	29#	0.00
20 T	Diisopropyl ether	8.480	3.578	57.8#	32#	0.00
21 M	1,1-Dichloroethane	4.711	1.869	60.3#	31#	0.00
22 M	cis-1,2-Dichloroethene	2.687	1.065	60.4#	31#	0.00
23 M	tert-Butyl Alcohol	0.776	0.298	61.6#	31#	0.01
24 M	Methyl tert-Butyl Ether	8.815	3.550	59.7#	31#	0.00
25 M	Chloroform	4.840	1.952	59.7#	31#	0.00
26	Cyclohexane	3.928	1.495	61.9#	30#	0.00
27 s	1,2-Dichloroethane-d4	3.421	3.502	-2.4	76	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
29	1,1-Dichloropropene	0.572	0.214	62.6#	29#	0.00
30 M	2-Butanone	0.414	0.171	58.7#	32#	0.00
31	2,2-Dichloropropane	0.774	0.271	65.0#	28#	0.00
32 M	1,1,1-Trichloroethane	0.748	0.288	61.5#	30#	0.00
33 M	Carbon Tetrachloride	0.645	0.238	63.1#	29#	0.00
34 M	Benzene	1.692	0.680	59.8#	31#	0.00
35	Methacrylonitrile	0.406	0.176	56.7#	34#	0.00
36 M	1,2-Dichloroethane	0.715	0.290	59.4#	32#	0.00
37 M	Trichloroethene	0.408	0.161	60.5#	31#	0.00
38	Methylcyclohexane	0.683	0.262	61.6#	30#	0.00
39 M	1,2-Dichloropropane	0.465	0.188	59.6#	32#	0.00
40	Dibromomethane	0.319	0.130	59.2#	32#	0.00
41 M	Bromodichloromethane	0.683	0.272	60.2#	31#	0.00
42 M	Vinyl Acetate	1.347	0.557	58.6#	32#	0.00
43	Ethyl Acetate	0.793	0.349	56.0#	35#	0.00
44	Isopropyl Acetate	1.315	0.543	58.7#	32#	0.00
45 T	1,4-Dioxane	0.011	0.004	63.6#	31#	0.00
46	Methyl methacrylate	0.588	0.233	60.4#	32#	0.00
47	n-amyl Acetate	1.007	0.386	61.7#	28#	0.00
48 M	t-1,3-Dichloropropene	0.779	0.300	61.5#	30#	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.791	0.308	61.1#	30#	0.00
50 M	1,1,2-Trichloroethane	0.451	0.185	59.0#	32#	0.00
51	Ethyl methacrylate	0.817	0.328	59.9#	31#	0.00
52	1,3-Dichloropropane	0.803	0.335	58.3#	33#	0.00
53 M	Dibromochloromethane	0.498	0.198	60.2#	31#	0.00
54 M	1,2-Dibromoethane	0.474	0.191	59.7#	32#	0.00
55 M	2-Chloroethyl vinyl ether	0.320	0.131	59.1#	31#	0.00
56 M	Bromoform	0.347	0.135	61.1#	30#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
58 M	4-Methyl-2-Pentanone	0.900	0.388	56.9#	33#	0.00
59 M	2-Hexanone	0.682	0.286	58.1#	32#	0.00
60 S	4-Bromofluorobenzene	0.617	0.570	7.6	66	0.00
61 M	Tetrachloroethene	0.371	0.155	58.2#	33#	0.00
62 M	Toluene	2.034	0.817	59.8#	31#	0.00
63 S	Toluene-d8	1.662	1.690	-1.7	75	0.00
64 M	Chlorobenzene	1.238	0.491	60.3#	31#	0.00
65	1,1,1,2-Tetrachloroethane	0.488	0.194	60.2#	30#	0.00
66 M	Ethyl Benzene	2.335	0.913	60.9#	30#	0.00
67 M	m/p-Xylenes	0.852	0.331	61.2#	30#	0.00
68 M	o-Xylene	0.869	0.340	60.9#	31#	0.00
69 M	Styrene	1.379	0.526	61.9#	29#	0.00
70	Isopropylbenzene	2.271	0.892	60.7#	30#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.769	0.322	58.1#	31#	0.00
72	1,2,3-Trichloropropane	0.671	0.309	53.9#	36#	0.00
73	Bromobenzene	0.462	0.177	61.7#	29#	0.00
74	n-propylbenzene	2.598	0.979	62.3#	28#	0.00
75	2-Chlorotoluene	1.611	0.609	62.2#	29#	0.00
76	1,3,5-Trimethylbenzene	1.864	0.722	61.3#	29#	0.00
77	t-1,4-Dichloro-2-butene	0.283	0.102	64.0#	26#	0.00
78	4-Chlorotoluene	1.522	0.565	62.9#	28#	0.00
79	tert-butylbenzene	1.664	0.632	62.0#	29#	0.00
80	1,2,4-Trimethylbenzene	2.247	0.848	62.3#	28#	0.00
81	sec-Butylbenzene	2.247	0.848	62.3#	28#	0.00
82	p-Isopropyltoluene	1.794	0.671	62.6#	28#	0.00
83 M	1,3-Dichlorobenzene	0.808	0.299	63.0#	28#	0.00
84 M	1,4-Dichlorobenzene	0.785	0.296	62.3#	29#	0.00
85	n-Butylbenzene	1.521	0.562	63.1#	27#	0.00
86 T	Hexachloroethane	0.397	0.142	64.2#	27#	0.00
87 M	1,2-Dichlorobenzene	0.800	0.302	62.3#	28#	0.00
88	1,2-Dibromo-3-Chloropropane	0.193	0.073	62.2#	28#	0.00
89	1,2,4-Trichlorobenzene	0.403	0.144	64.3#	27#	0.00
90	Hexachlorobutadiene	0.181	0.068	62.4#	28#	0.00
91 M	Naphthalene	1.608	0.563	65.0#	27#	0.00
92	1,2,3-Trichlorobenzene	0.410	0.154	62.4#	28#	0.00

(#) = Out of Range

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