

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067064.D
 Acq On : 7 May 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 08 04:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 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	99	0.00
2 M	Dichlorodifluoromethane	2.052	2.221	-8.2	108	0.00
3 M	Chloromethane	3.130	3.202	-2.3	109	0.00
4 M	Vinyl Chloride	3.027	3.146	-3.9	112	0.00
5 M	Bromomethane	1.689	1.704	-0.9	109	0.01
6 M	Chloroethane	1.744	1.782	-2.2	111	0.00
7 M	Trichlorofluoromethane	3.676	3.585	2.5	103	0.00
8 T	Diethyl Ether	1.242	1.180	5.0	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.779	1.719	3.4	102	0.00
10 M	1,1-Dichloroethene	1.708	1.661	2.8	106	0.00
11	Methyl Iodide	2.323	1.794	22.8	84	0.00
12	Methyl Acetate	2.427	2.183	10.1	100	0.00
13 M	Acrolein	0.397	0.497	-25.2	141	0.00
14 M	Acrylonitrile	0.960	0.903	5.9	102	0.00
15 M	Acetone	0.279	0.256	8.2	100	0.00
16 M	Carbon Disulfide	5.650	5.469	3.2	104	0.00
17	Allyl chloride	3.335	3.209	3.8	113	0.00
18 M	Methylene Chloride	2.318	2.136	7.9	100	0.00
19 M	trans-1,2-Dichloroethene	1.880	1.826	2.9	105	0.00
20 T	Diisopropyl ether	6.156	5.962	3.2	103	0.00
21 M	1,1-Dichloroethane	4.093	4.017	1.9	106	0.00
22 M	cis-1,2-Dichloroethene	2.156	2.083	3.4	105	0.00
23 M	tert-Butyl Alcohol	0.382	0.329	13.9	98	0.00
24 M	Methyl tert-Butyl Ether	5.660	5.482	3.1	105	0.00
25 M	Chloroform	3.949	3.887	1.6	108	0.00
26	Cyclohexane	2.844	2.815	1.0	108	0.00
27 s	1,2-Dichloroethane-d4	2.629	2.620	0.3	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.525	0.492	6.3	104	0.00
30 M	2-Butanone	0.252	0.227	9.9	102	0.00
31	2,2-Dichloropropane	0.633	0.602	4.9	107	0.00
32 M	1,1,1-Trichloroethane	0.681	0.635	6.8	104	0.00
33 M	Carbon Tetrachloride	0.593	0.561	5.4	105	0.00
34 M	Benzene	1.701	1.591	6.5	104	0.00
35	Methacrylonitrile	0.235	0.226	3.8	108	0.00
36 M	1,2-Dichloroethane	0.634	0.589	7.1	103	0.00
37 M	Trichloroethene	0.368	0.351	4.6	106	0.00
38	Methylcyclohexane	0.522	0.498	4.6	109	0.00
39 M	1,2-Dichloropropane	0.472	0.439	7.0	102	0.00
40	Dibromomethane	0.292	0.273	6.5	105	0.00
41 M	Bromodichloromethane	0.616	0.567	8.0	105	0.00
42 M	Vinyl Acetate	1.084	1.019	6.0	104	0.00
43	Ethyl Acetate	0.593	0.486	18.0	87	0.00
44	Isopropyl Acetate	0.900	0.817	9.2	103	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	96	0.00
46	Methyl methacrylate	0.379	0.340	10.3	104	0.00
47	n-amyl Acetate	0.204	0.001#	99.5#	80	-0.04
48 M	t-1,3-Dichloropropene	0.631	0.591	6.3	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.692	0.663	4.2	107	0.00
50 M	1,1,2-Trichloroethane	0.404	0.377	6.7	104	0.00
51	Ethyl methacrylate	0.527	0.490	7.0	107	0.00
52	1,3-Dichloropropane	0.701	0.664	5.3	107	0.00
53 M	Dibromochloromethane	0.444	0.417	6.1	105	0.00
54 M	1,2-Dibromoethane	0.386	0.365	5.4	104	0.00
55 M	2-Chloroethyl vinyl ether	0.101	0.147	-45.5#	173#	0.00
56 M	Bromoform	0.295	0.263	10.8	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.562	0.535	4.8	102	0.00
59 M	2-Hexanone	0.331	0.307	7.3	100	0.00
60 S	4-Bromofluorobenzene	0.499	0.489	2.0	96	0.00
61 M	Tetrachloroethene	0.340	0.335	1.5	106	0.00
62 M	Toluene	1.851	1.794	3.1	105	0.00
63 S	Toluene-d8	1.486	1.503	-1.1	99	0.00
64 M	Chlorobenzene	1.081	1.024	5.3	102	0.00
65	1,1,1,2-Tetrachloroethane	0.431	0.421	2.3	107	0.00
66 M	Ethyl Benzene	1.879	1.839	2.1	106	0.00
67 M	m/p-Xylenes	0.706	0.688	2.5	106	0.00
68 M	o-Xylene	0.696	0.686	1.4	108	0.00
69 M	Styrene	1.070	1.026	4.1	104	0.00
70	Isopropylbenzene	1.806	1.777	1.6	107	0.00
71 M	1,1,2,2-Tetrachloroethane	0.657	0.609	7.3	96	0.00
72	1,2,3-Trichloropropane	0.596	0.546	8.4	96	0.00
73	Bromobenzene	0.436	0.403	7.6	100	0.00
74	n-propylbenzene	2.070	2.024	2.2	105	0.00
75	2-Chlorotoluene	1.330	1.312	1.4	104	0.00
76	1,3,5-Trimethylbenzene	1.596	1.532	4.0	103	0.00
77	t-1,4-Dichloro-2-butene	0.133	0.113	15.0	96	0.00
78	4-Chlorotoluene	1.194	1.223	-2.4	104	0.00
79	tert-butylbenzene	1.352	1.302	3.7	105	0.00
80	1,2,4-Trimethylbenzene	1.496	1.478	1.2	106	0.00
81	sec-Butylbenzene	1.788	1.721	3.7	106	0.00
82	p-Isopropyltoluene	1.422	1.417	0.4	110	0.00
83 M	1,3-Dichlorobenzene	0.724	0.692	4.4	106	0.00
84 M	1,4-Dichlorobenzene	0.749	0.612	18.3	99	0.00
85	n-Butylbenzene	1.145	1.102	3.8	115	0.00
86 T	Hexachloroethane	0.315	0.279	11.4	99	0.00
87 M	1,2-Dichlorobenzene	0.750	0.697	7.1	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.110	13.4	115	0.00
89	1,2,4-Trichlorobenzene	0.379	0.401	-5.8	125	0.00
90	Hexachlorobutadiene	0.256	0.245	4.3	110	0.00
91 M	Naphthalene	1.038	1.211	-16.7	135	0.00
92	1,2,3-Trichlorobenzene	0.397	0.399	-0.5	115	0.00

(#) = Out of Range

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