

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066145.D
 Acq On : 5 Mar 2021 19:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 06 02:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 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	97	0.00
2 M	Dichlorodifluoromethane	1.461	1.491	-2.1	113	0.00
3 M	Chloromethane	1.973	1.861	5.7	99	0.00
4 M	Vinyl Chloride	2.043	1.952	4.5	107	0.00
5 M	Bromomethane	1.433	0.977	31.8#	73	0.00
6 M	Chloroethane	1.207	1.177	2.5	107	0.00
7 M	Trichlorofluoromethane	3.123	3.161	-1.2	111	0.00
8 T	Diethyl Ether	1.063	1.056	0.7	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.310	1.432	-9.3	117	0.00
10 M	1,1-Dichloroethene	1.489	1.509	-1.3	108	0.00
11	Methyl Iodide	2.306	1.148	50.2#	55	0.00
12	Methyl Acetate	1.603	1.575	1.7	102	0.00
13 M	Acrolein	0.279	0.244	12.5	93	0.00
14 M	Acrylonitrile	0.776	0.738	4.9	102	0.00
15 M	Acetone	0.228	0.178	21.9	78	0.00
16 M	Carbon Disulfide	4.374	4.337	0.8	107	0.00
17	Allyl chloride	2.693	2.590	3.8	103	0.00
18 M	Methylene Chloride	1.842	1.794	2.6	104	0.00
19 M	trans-1,2-Dichloroethene	1.709	1.686	1.3	105	0.00
20 T	Diisopropyl ether	5.228	5.171	1.1	105	0.00
21 M	1,1-Dichloroethane	3.288	3.245	1.3	106	0.00
22 M	cis-1,2-Dichloroethene	2.068	1.949	5.8	102	0.00
23 M	tert-Butyl Alcohol	0.346	0.276	20.2	84	0.03
24 M	Methyl tert-Butyl Ether	6.059	5.879	3.0	102	0.00
25 M	Chloroform	3.556	3.484	2.0	106	0.00
26	Cyclohexane	2.508	2.608	-4.0	114	0.00
27 s	1,2-Dichloroethane-d4	2.605	2.611	-0.2	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.440	0.418	5.0	108	0.00
30 M	2-Butanone	0.179	0.146	18.4	88	0.00
31	2,2-Dichloropropane	0.577	0.525	9.0	101	0.00
32 M	1,1,1-Trichloroethane	0.571	0.551	3.5	108	0.00
33 M	Carbon Tetrachloride	0.489	0.474	3.1	109	0.00
34 M	Benzene	1.334	1.262	5.4	108	0.00
35	Methacrylonitrile	0.201	0.164	18.4	97	-0.01
36 M	1,2-Dichloroethane	0.546	0.500	8.4	103	0.00
37 M	Trichloroethene	0.362	0.337	6.9	107	0.00
38	Methylcyclohexane	0.472	0.467	1.1	114	0.00
39 M	1,2-Dichloropropane	0.339	0.320	5.6	108	0.00
40	Dibromomethane	0.233	0.211	9.4	100	0.00
41 M	Bromodichloromethane	0.522	0.483	7.5	106	0.00
42 M	Vinyl Acetate	0.796	0.741	6.9	104	0.00
43	Ethyl Acetate	0.375	0.321	14.4	102	0.00
44	Isopropyl Acetate	0.681	0.621	8.8	102	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	84	0.00
46	Methyl methacrylate	0.320	0.285	10.9	100	0.00
47	n-amyl Acetate	0.489	0.360	26.4	96	0.00
48 M	t-1,3-Dichloropropene	0.602	0.540	10.3	104	0.00
49 T	cis-1,3-Dichloropropene	0.622	0.557	10.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.326	0.301	7.7	106	0.00
51	Ethyl methacrylate	0.492	0.440	10.6	107	0.00
52	1,3-Dichloropropane	0.569	0.522	8.3	105	0.00
53 M	Dibromochloromethane	0.398	0.356	10.6	105	0.00
54 M	1,2-Dibromoethane	0.344	0.304	11.6	102	0.00
55 M	2-Chloroethyl vinyl ether	0.173	0.155	10.4	97	0.00
56 M	Bromoform	0.263	0.229	12.9	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.397	0.367	7.6	100	0.00
59 M	2-Hexanone	0.276	0.229	17.0	94	0.00
60 S	4-Bromofluorobenzene	0.520	0.511	1.7	104	0.00
61 M	Tetrachloroethene	0.386	0.362	6.2	100	0.00
62 M	Toluene	1.550	1.464	5.5	106	0.00
63 S	Toluene-d8	1.352	1.369	-1.3	102	0.00
64 M	Chlorobenzene	1.006	0.930	7.6	106	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.365	5.7	106	0.00
66 M	Ethyl Benzene	1.778	1.646	7.4	104	0.00
67 M	m/p-Xylenes	0.689	0.631	8.4	104	0.00
68 M	o-Xylene	0.677	0.630	6.9	105	0.00
69 M	Styrene	1.108	0.992	10.5	105	0.00
70	Isopropylbenzene	1.767	1.648	6.7	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.481	0.447	7.1	102	0.00
72	1,2,3-Trichloropropane	0.487	0.418	14.2	92	0.00
73	Bromobenzene	0.425	0.382	10.1	103	0.00
74	n-propylbenzene	1.954	1.748	10.5	103	0.00
75	2-Chlorotoluene	1.249	1.137	9.0	105	0.00
76	1,3,5-Trimethylbenzene	1.587	1.439	9.3	104	0.00
77	t-1,4-Dichloro-2-butene	0.170	0.131	22.9	93	0.00
78	4-Chlorotoluene	1.272	1.115	12.3	101	0.00
79	tert-butylbenzene	1.321	1.229	7.0	105	0.00
80	1,2,4-Trimethylbenzene	1.560	1.427	8.5	106	0.00
81	sec-Butylbenzene	1.648	1.525	7.5	108	0.00
82	p-Isopropyltoluene	1.566	1.432	8.6	106	0.00
83 M	1,3-Dichlorobenzene	0.737	0.657	10.9	105	0.00
84 M	1,4-Dichlorobenzene	0.711	0.652	8.3	109	0.00
85	n-Butylbenzene	1.231	1.083	12.0	109	0.00
86 T	Hexachloroethane	0.244	0.208	14.8	107	0.00
87 M	1,2-Dichlorobenzene	0.729	0.677	7.1	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.115	0.099	13.9	103	0.00
89	1,2,4-Trichlorobenzene	0.394	0.339	14.0	114	0.00
90	Hexachlorobutadiene	0.179	0.155	13.4	98	0.00
91 M	Naphthalene	1.152	1.015	11.9	112	0.00
92	1,2,3-Trichlorobenzene	0.401	0.365	9.0	113	0.00

(#) = Out of Range

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