

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121620\
 Data File : VN065165.D
 Acq On : 16 Dec 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 21 13:55:26 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 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	76	0.00
2 M	Dichlorodifluoromethane	1.701	1.716	-0.9	83	0.00
3 M	Chloromethane	1.959	2.080	-6.2	85	0.00
4 M	Vinyl Chloride	2.158	2.142	0.7	86	0.00
5 M	Bromomethane	1.515	1.328	12.3	87	0.00
6 M	Chloroethane	1.286	1.110	13.7	83	0.00
7 M	Trichlorofluoromethane	3.193	2.967	7.1	86	0.00
8 T	Diethyl Ether	1.020	1.077	-5.6	88	0.00
9	1,1,2-Trichlorotrifluoroeth	1.648	1.813	-10.0	91	0.00
10 M	1,1-Dichloroethene	1.599	1.699	-6.3	88	0.00
11	Methyl Iodide	2.223	2.247	-1.1	86	0.00
12	Methyl Acetate	1.455	1.542	-6.0	88	0.00
13 M	Acrolein	0.206	0.323	-56.8#	133	0.00
14 M	Acrylonitrile	0.713	0.765	-7.3	88	0.00
15 M	Acetone	0.224	0.285	-27.2	94	0.00
16 M	Carbon Disulfide	4.704	5.003	-6.4	88	0.00
17	Allyl chloride	2.316	2.556	-10.4	102	0.00
18 M	Methylene Chloride	1.881	2.031	-8.0	87	0.00
19 M	trans-1,2-Dichloroethene	1.737	1.845	-6.2	88	0.00
20 T	Diisopropyl ether	5.713	5.485	4.0	88	0.00
21 M	1,1-Dichloroethane	3.447	3.285	4.7	85	0.00
22 M	cis-1,2-Dichloroethene	1.958	2.133	-8.9	90	0.00
23 M	tert-Butyl Alcohol	0.231	0.232	-0.4	89	0.00
24 M	Methyl tert-Butyl Ether	4.844	5.039	-4.0	89	0.00
25 M	Chloroform	3.258	3.372	-3.5	86	0.00
26	Cyclohexane	2.519	2.648	-5.1	87	0.00
27 s	1,2-Dichloroethane-d4	2.054	1.960	4.6	76	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29	1,1-Dichloropropene	0.472	0.483	-2.3	87	0.00
30 M	2-Butanone	0.183	0.195	-6.6	87	0.00
31	2,2-Dichloropropane	0.523	0.547	-4.6	90	0.00
32 M	1,1,1-Trichloroethane	0.561	0.579	-3.2	88	0.00
33 M	Carbon Tetrachloride	0.507	0.504	0.6	85	0.00
34 M	Benzene	1.427	1.534	-7.5	88	0.00
35	Methacrylonitrile	0.179	0.171	4.5	76	0.00
36 M	1,2-Dichloroethane	0.489	0.480	1.8	84	0.00
37 M	Trichloroethene	0.389	0.421	-8.2	90	0.00
38	Methylcyclohexane	0.563	0.520	7.6	86	0.00
39 M	1,2-Dichloropropane	0.383	0.383	0.0	85	0.00
40	Dibromomethane	0.269	0.258	4.1	87	0.00
41 M	Bromodichloromethane	0.546	0.521	4.6	88	0.00
42 M	Vinyl Acetate	0.871	0.820	5.9	87	0.00
43	Ethyl Acetate	0.377	0.413	-9.5	88	0.00
44	Isopropyl Acetate	0.630	0.627	0.5	85	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	83	0.00
46	Methyl methacrylate	0.320	0.294	8.1	87	0.00
47	n-aryl Acetate	0.521	0.483	7.3	84	0.00
48 M	t-1,3-Dichloropropene	0.534	0.536	-0.4	88	0.00
49 T	cis-1,3-Dichloropropene	0.606	0.607	-0.2	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.349	0.366	-4.9	87	0.00
51	Ethyl methacrylate	0.467	0.454	2.8	85	0.00
52	1,3-Dichloropropane	0.578	0.611	-5.7	88	0.00
53 M	Dibromochloromethane	0.404	0.412	-2.0	88	0.00
54 M	1,2-Dibromoethane	0.364	0.377	-3.6	87	0.00
55 M	2-Chloroethyl vinyl ether	0.236	0.331	-40.3#	123	0.00
56 M	Bromoform	0.275	0.274	0.4	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	0.437	0.412	5.7	84	0.00
59 M	2-Hexanone	0.290	0.299	-3.1	88	0.00
60 S	4-Bromofluorobenzene	0.471	0.465	1.3	80	0.00
61 M	Tetrachloroethene	0.436	0.497	-14.0	92	0.00
62 M	Toluene	1.662	1.777	-6.9	88	0.00
63 S	Toluene-d8	1.448	1.404	3.0	77	0.00
64 M	Chlorobenzene	1.036	1.087	-4.9	88	0.00
65	1,1,1,2-Tetrachloroethane	0.393	0.402	-2.3	86	0.00
66 M	Ethyl Benzene	1.761	1.810	-2.8	87	0.00
67 M	m/p-Xylenes	0.686	0.718	-4.7	89	0.00
68 M	o-Xylene	0.649	0.672	-3.5	88	0.00
69 M	Styrene	1.079	1.083	-0.4	87	0.00
70	Isopropylbenzene	1.694	1.769	-4.4	88	0.00
71 M	1,1,2,2-Tetrachloroethane	0.491	0.482	1.8	82	0.00
72	1,2,3-Trichloropropane	0.470	0.434	7.7	73	0.00
73	Bromobenzene	0.440	0.459	-4.3	89	0.00
74	n-propylbenzene	1.933	1.975	-2.2	87	0.00
75	2-Chlorotoluene	1.176	1.224	-4.1	88	0.00
76	1,3,5-Trimethylbenzene	1.462	1.471	-0.6	85	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.161	3.0	86	0.00
78	4-Chlorotoluene	1.201	1.245	-3.7	89	0.00
79	tert-butylbenzene	1.227	1.201	2.1	84	0.00
80	1,2,4-Trimethylbenzene	1.450	1.482	-2.2	87	0.00
81	sec-Butylbenzene	1.592	1.622	-1.9	88	0.00
82	p-Isopropyltoluene	1.496	1.457	2.6	88	0.00
83 M	1,3-Dichlorobenzene	0.784	0.785	-0.1	90	0.00
84 M	1,4-Dichlorobenzene	0.821	0.754	8.2	89	0.00
85	n-Butylbenzene	1.320	1.173	11.1	88	0.00
86 T	Hexachloroethane	0.288	0.250	13.2	85	0.00
87 M	1,2-Dichlorobenzene	0.813	0.727	10.6	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.096	0.086	10.4	89	0.00
89	1,2,4-Trichlorobenzene	0.366	0.291	20.5	83	0.00
90	Hexachlorobutadiene	0.231	0.220	4.8	93	0.00
91 M	Naphthalene	1.033	0.732	29.1	78	0.00
92	1,2,3-Trichlorobenzene	0.345	0.270	21.7	82	0.00

(#) = Out of Range

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