

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060819\
 Data File : VN056099.D
 Acq On : 7 Jun 2019 14:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 05:27:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	1.687	1.965	-16.5	101	0.00
3 M	Chloromethane	1.971	2.182	-10.7	102	0.00
4 M	Vinyl Chloride	2.010	2.179	-8.4	97	0.00
5 M	Bromomethane	1.263	1.438	-13.9	99	0.00
6 M	Chloroethane	1.137	1.228	-8.0	94	0.00
7 M	Trichlorofluoromethane	2.487	2.610	-4.9	95	0.00
8 T	Diethyl Ether	1.055	1.083	-2.7	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.535	1.627	-6.0	96	0.00
10 M	1,1-Dichloroethene	1.566	1.650	-5.4	97	0.00
11	Methyl Iodide	2.471	2.361	4.5	90	0.00
12	Methyl Acetate	1.882	1.998	-6.2	99	0.00
13 M	Acrolein	0.092	0.100	-8.7	105	0.00
14 M	Acrylonitrile	0.839	0.913	-8.8	101	0.00
15 M	Acetone	0.275	0.270	1.8	84	0.00
16 M	Carbon Disulfide	3.726	3.605	3.2	95	0.00
17	Allyl chloride	2.426	2.509	-3.4	98	0.00
18 M	Methylene Chloride	1.813	1.954	-7.8	100	0.00
19 M	trans-1,2-Dichloroethene	1.672	1.747	-4.5	95	0.00
20 T	Diisopropyl ether	5.027	5.384	-7.1	98	0.00
21 M	1,1-Dichloroethane	2.921	3.115	-6.6	98	0.00
22 M	cis-1,2-Dichloroethene	1.951	2.044	-4.8	96	0.00
23 M	tert-Butyl Alcohol	0.327	0.308	5.8	90	0.00
24 M	Methyl tert-Butyl Ether	4.991	5.227	-4.7	96	0.00
25 M	Chloroform	2.917	3.110	-6.6	98	0.00
26	Cyclohexane	2.710	2.861	-5.6	97	0.00
27 s	1,2-Dichloroethane-d4	1.863	1.897	-1.8	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.406	0.426	-4.9	97	0.00
30 M	2-Butanone	0.214	0.226	-5.6	95	0.00
31	2,2-Dichloropropane	0.378	0.376	0.5	91	0.00
32 M	1,1,1-Trichloroethane	0.448	0.464	-3.6	95	0.00
33 M	Carbon Tetrachloride	0.380	0.388	-2.1	96	0.00
34 M	Benzene	1.293	1.395	-7.9	98	0.00
35	Methacrylonitrile	0.180	0.222	-23.3	100	0.00
36 M	1,2-Dichloroethane	0.405	0.437	-7.9	99	0.00
37 M	Trichloroethene	0.362	0.386	-6.6	96	0.00
38	Methylcyclohexane	0.514	0.544	-5.8	99	0.00
39 M	1,2-Dichloropropane	0.331	0.362	-9.4	99	0.00
40	Dibromomethane	0.220	0.234	-6.4	98	0.00
41 M	Bromodichloromethane	0.393	0.400	-1.8	96	0.00
42 M	Vinyl Acetate	0.762	0.820	-7.6	99	0.00
43	Ethyl Acetate	0.409	0.447	-9.3	100	0.00
44	Isopropyl Acetate	0.635	0.671	-5.7	100	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.315	0.334	-6.0	104	0.00
47	n-amyl Acetate	0.525	0.537	-2.3	98	0.00
48 M	t-1,3-Dichloropropene	0.414	0.395	4.6	94	0.00
49 T	cis-1,3-Dichloropropene	0.484	0.488	-0.8	95	0.00
50 M	1,1,2-Trichloroethane	0.326	0.349	-7.1	98	0.00
51	Ethyl methacrylate	0.493	0.507	-2.8	98	0.00
52	1,3-Dichloropropane	0.529	0.571	-7.9	98	0.00
53 M	Dibromochloromethane	0.319	0.322	-0.9	101	0.00
54 M	1,2-Dibromoethane	0.340	0.356	-4.7	98	0.00
55 M	2-Chloroethyl vinyl ether	0.173	0.174	-0.6	99	0.00
56 M	Bromoform	0.231	0.215	6.9	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.454	0.494	-8.8	101	0.00
59 M	2-Hexanone	0.325	0.345	-6.2	98	0.00
60 S	4-Bromofluorobenzene	0.445	0.436	2.0	93	0.00
61 M	Tetrachloroethene	0.418	0.454	-8.6	98	0.00
62 M	Toluene	1.620	1.719	-6.1	98	0.00
63 S	Toluene-d8	1.361	1.369	-0.6	91	0.00
64 M	Chlorobenzene	0.982	1.032	-5.1	98	0.00
65	1,1,1,2-Tetrachloroethane	0.354	0.361	-2.0	96	0.00
66 M	Ethyl Benzene	1.725	1.816	-5.3	97	0.00
67 M	m/p-Xylenes	0.660	0.696	-5.5	98	0.00
68 M	o-Xylene	0.646	0.688	-6.5	98	0.00
69 M	Styrene	1.050	1.081	-3.0	98	0.00
70	Isopropylbenzene	1.689	1.814	-7.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.509	0.545	-7.1	98	0.00
72	1,2,3-Trichloropropane	0.441	0.470	-6.6	99	0.00
73	Bromobenzene	0.448	0.473	-5.6	100	0.00
74	n-propylbenzene	1.782	1.890	-6.1	101	0.00
75	2-Chlorotoluene	1.105	1.173	-6.2	100	0.00
76	1,3,5-Trimethylbenzene	1.389	1.474	-6.1	99	0.00
77	t-1,4-Dichloro-2-butene	0.126	0.110	12.7	94	0.00
78	4-Chlorotoluene	1.032	1.061	-2.8	100	0.00
79	tert-butylbenzene	1.231	1.319	-7.1	100	0.00
80	1,2,4-Trimethylbenzene	1.351	1.415	-4.7	99	0.00
81	sec-Butylbenzene	1.557	1.643	-5.5	99	0.00
82	p-Isopropyltoluene	1.408	1.474	-4.7	100	0.00
83 M	1,3-Dichlorobenzene	0.699	0.713	-2.0	100	0.00
84 M	1,4-Dichlorobenzene	0.665	0.649	2.4	100	0.00
85	n-Butylbenzene	1.051	1.032	1.8	102	0.00
86 T	Hexachloroethane	0.219	0.206	5.9	94	0.00
87 M	1,2-Dichlorobenzene	0.710	0.732	-3.1	100	0.00
88	1,2-Dibromo-3-Chloropropane	0.080	0.075	6.3	98	0.00
89	1,2,4-Trichlorobenzene	0.346	0.304	12.1	104	0.00
90	Hexachlorobutadiene	0.259	0.276	-6.6	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.943	0.869	7.8	108	0.00
92	1,2,3-Trichlorobenzene	0.372	0.359	3.5	107	0.00

(#) = Out of Range

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