

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092019\
 Data File : VN058241.D
 Acq On : 20 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 23 04:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	110	0.00
2 M	Dichlorodifluoromethane	1.813	1.862	-2.7	115	0.00
3 M	Chloromethane	2.260	1.993	11.8	98	0.00
4 M	Vinyl Chloride	2.312	1.999	13.5	94	0.00
5 M	Bromomethane	1.443	0.985	31.7#	72	0.00
6 M	Chloroethane	1.437	1.280	10.9	96	0.00
7 M	Trichlorofluoromethane	2.672	2.500	6.4	91	0.00
8 T	Diethyl Ether	1.078	1.136	-5.4	117	0.00
9	1,1,2-Trichlorotrifluoroeth	1.668	1.711	-2.6	113	0.00
10 M	1,1-Dichloroethene	1.586	1.554	2.0	110	0.00
11	Methyl Iodide	2.122	1.614	23.9	86	0.00
12	Methyl Acetate	2.177	2.343	-7.6	118	0.00
13 M	Acrolein	0.118	0.100	15.3	104	0.00
14 M	Acrylonitrile	0.887	0.895	-0.9	112	0.00
15 M	Acetone	0.252	0.220	12.7	90	0.00
16 M	Carbon Disulfide	3.694	3.272	11.4	104	0.00
17	Allyl chloride	2.907	2.980	-2.5	118	0.00
18 M	Methylene Chloride	1.999	1.950	2.5	110	0.00
19 M	trans-1,2-Dichloroethene	1.768	1.741	1.5	111	0.00
20 T	Diisopropyl ether	6.796	6.785	0.2	113	0.00
21 M	1,1-Dichloroethane	3.747	3.850	-2.7	113	0.00
22 M	cis-1,2-Dichloroethene	2.166	2.140	1.2	111	0.00
23 M	tert-Butyl Alcohol	0.290	0.277	4.5	103	0.00
24 M	Methyl tert-Butyl Ether	6.080	6.071	0.1	111	0.00
25 M	Chloroform	3.815	3.870	-1.4	114	0.00
26	Cyclohexane	3.148	3.147	0.0	114	0.00
27 s	1,2-Dichloroethane-d4	2.654	2.749	-3.6	108	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.472	0.451	4.4	107	0.00
30 M	2-Butanone	0.213	0.204	4.2	105	0.00
31	2,2-Dichloropropane	0.498	0.498	0.0	116	0.00
32 M	1,1,1-Trichloroethane	0.531	0.525	1.1	111	0.00
33 M	Carbon Tetrachloride	0.433	0.424	2.1	114	0.00
34 M	Benzene	1.398	1.389	0.6	111	0.00
35	Methacrylonitrile	0.197	0.164	16.8	100	0.00
36 M	1,2-Dichloroethane	0.543	0.542	0.2	111	0.00
37 M	Trichloroethene	0.340	0.338	0.6	112	0.00
38	Methylcyclohexane	0.537	0.527	1.9	112	0.00
39 M	1,2-Dichloropropane	0.393	0.385	2.0	110	0.00
40	Dibromomethane	0.239	0.240	-0.4	112	0.00
41 M	Bromodichloromethane	0.482	0.475	1.5	115	0.00
42 M	Vinyl Acetate	0.855	0.908	-6.2	112	0.00
43	Ethyl Acetate	0.434	0.426	1.8	107	0.00
44	Isopropyl Acetate	0.757	0.799	-5.5	122	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.370	0.359	3.0	113	0.00
47	n-amyl Acetate	0.695	0.656	5.6	113	0.00
48 M	t-1,3-Dichloropropene	0.513	0.482	6.0	114	0.00
49 T	cis-1,3-Dichloropropene	0.575	0.549	4.5	113	0.00
50 M	1,1,2-Trichloroethane	0.346	0.345	0.3	111	0.00
51	Ethyl methacrylate	0.537	0.514	4.3	112	0.00
52	1,3-Dichloropropane	0.606	0.602	0.7	112	0.00
53 M	Dibromochloromethane	0.342	0.316	7.6	115	0.00
54 M	1,2-Dibromoethane	0.345	0.336	2.6	112	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.261	-2.4	110	0.00
56 M	Bromoform	0.212	0.189	10.8	115	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	0.465	0.503	-8.2	113	0.00
59 M	2-Hexanone	0.349	0.353	-1.1	109	0.00
60 S	4-Bromofluorobenzene	0.513	0.506	1.4	109	0.00
61 M	Tetrachloroethene	0.305	0.313	-2.6	116	0.00
62 M	Toluene	1.661	1.667	-0.4	110	0.00
63 S	Toluene-d8	1.440	1.427	0.9	105	0.00
64 M	Chlorobenzene	1.030	1.019	1.1	111	0.00
65	1,1,1,2-Tetrachloroethane	0.358	0.349	2.5	115	0.00
66 M	Ethyl Benzene	1.813	1.864	-2.8	112	0.00
67 M	m/p-Xylenes	0.692	0.685	1.0	113	0.00
68 M	o-Xylene	0.678	0.665	1.9	114	0.00
69 M	Styrene	1.156	1.131	2.2	114	0.00
70	Isopropylbenzene	1.792	1.836	-2.5	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.560	0.553	1.3	112	0.00
72	1,2,3-Trichloropropane	0.497	0.517	-4.0	120	0.00
73	Bromobenzene	0.429	0.419	2.3	116	0.00
74	n-propylbenzene	2.048	2.135	-4.2	112	0.00
75	2-Chlorotoluene	1.275	1.276	-0.1	115	0.00
76	1,3,5-Trimethylbenzene	1.526	1.539	-0.9	113	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.129	12.2	122	0.00
78	4-Chlorotoluene	1.301	1.270	2.4	115	0.00
79	tert-butylbenzene	1.331	1.331	0.0	113	0.00
80	1,2,4-Trimethylbenzene	1.521	1.553	-2.1	114	0.00
81	sec-Butylbenzene	1.766	1.805	-2.2	114	0.00
82	p-Isopropyltoluene	1.582	1.580	0.1	111	0.00
83 M	1,3-Dichlorobenzene	0.798	0.772	3.3	114	0.00
84 M	1,4-Dichlorobenzene	0.785	0.769	2.0	118	0.00
85	n-Butylbenzene	1.474	1.441	2.2	111	0.00
86 T	Hexachloroethane	0.252	0.227	9.9	117	0.00
87 M	1,2-Dichlorobenzene	0.774	0.772	0.3	118	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.096	3.0	119	0.00
89	1,2,4-Trichlorobenzene	0.473	0.478	-1.1	124	0.00
90	Hexachlorobutadiene	0.217	0.236	-8.8	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.301	1.320	-1.5	119	0.00
92	1,2,3-Trichlorobenzene	0.451	0.470	-4.2	125	0.00

(#) = Out of Range

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