

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057109.D
 Acq On : 6 Aug 2019 17:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 07 04:38:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 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	125	0.00
2 M	Dichlorodifluoromethane	1.794	1.939	-8.1	137	0.00
3 M	Chloromethane	2.189	2.115	3.4	122	0.00
4 M	Vinyl Chloride	2.110	2.031	3.7	122	0.00
5 M	Bromomethane	1.296	1.175	9.3	117	-0.01
6 M	Chloroethane	1.171	1.097	6.3	119	0.00
7 M	Trichlorofluoromethane	2.570	2.860	-11.3	143	-0.01
8 T	Diethyl Ether	0.958	1.051	-9.7	139	0.00
9	1,1,2-Trichlorotrifluoroeth	1.614	1.706	-5.7	136	0.00
10 M	1,1-Dichloroethene	1.602	1.659	-3.6	133	0.00
11	Methyl Iodide	2.369	1.685	28.9	94	0.00
12	Methyl Acetate	1.960	1.697	13.4	118	-0.02
13 M	Acrolein	0.222	0.251	-13.1	142	0.00
14 M	Acrylonitrile	0.756	0.728	3.7	124	-0.02
15 M	Acetone	0.195	0.199	-2.1	128	0.00
16 M	Carbon Disulfide	4.319	4.269	1.2	132	0.00
17	Allyl chloride	2.680	2.318	13.5	115	0.00
18 M	Methylene Chloride	1.864	1.928	-3.4	132	0.00
19 M	trans-1,2-Dichloroethene	1.695	1.749	-3.2	134	0.00
20 T	Diisopropyl ether	5.442	5.372	1.3	124	-0.01
21 M	1,1-Dichloroethane	3.162	3.211	-1.5	129	-0.01
22 M	cis-1,2-Dichloroethene	1.964	2.076	-5.7	134	-0.02
23 M	tert-Butyl Alcohol	0.252	0.220	12.7	101	-0.03
24 M	Methyl tert-Butyl Ether	4.842	4.988	-3.0	135	-0.02
25 M	Chloroform	3.085	3.259	-5.6	135	0.00
26	Cyclohexane	2.905	2.860	1.5	129	0.00
27 s	1,2-Dichloroethane-d4	1.963	1.966	-0.2	127	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	125	0.00
29	1,1-Dichloropropene	0.426	0.442	-3.8	134	0.00
30 M	2-Butanone	0.171	0.166	2.9	123	-0.01
31	2,2-Dichloropropane	0.395	0.449	-13.7	146	-0.02
32 M	1,1,1-Trichloroethane	0.468	0.506	-8.1	139	0.00
33 M	Carbon Tetrachloride	0.408	0.440	-7.8	141	0.00
34 M	Benzene	1.341	1.375	-2.5	130	0.00
35	Methacrylonitrile	0.171	0.155	9.4	106	-0.02
36 M	1,2-Dichloroethane	0.417	0.437	-4.8	133	0.00
37 M	Trichloroethene	0.360	0.380	-5.6	136	0.00
38	Methylcyclohexane	0.542	0.564	-4.1	138	0.00
39 M	1,2-Dichloropropane	0.358	0.355	0.8	127	0.00
40	Dibromomethane	0.220	0.232	-5.5	135	0.00
41 M	Bromodichloromethane	0.422	0.440	-4.3	135	0.00
42 M	Vinyl Acetate	0.762	0.755	0.9	127	-0.01
43	Ethyl Acetate	0.351	0.348	0.9	128	-0.02
44	Isopropyl Acetate	0.584	0.613	-5.0	133	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	119	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.292	0.282	3.4	127	0.00
47	n-amyl Acetate	0.468	0.434	7.3	126	0.00
48 M	t-1,3-Dichloropropene	0.439	0.455	-3.6	140	0.00
49 T	cis-1,3-Dichloropropene	0.512	0.524	-2.3	135	0.00
50 M	1,1,2-Trichloroethane	0.315	0.329	-4.4	129	0.00
51	Ethyl methacrylate	0.456	0.460	-0.9	131	0.00
52	1,3-Dichloropropane	0.532	0.547	-2.8	130	0.00
53 M	Dibromochloromethane	0.328	0.344	-4.9	138	0.00
54 M	1,2-Dibromoethane	0.322	0.340	-5.6	136	0.00
55 M	2-Chloroethyl vinyl ether	0.198	0.137	30.8#	89	0.00
56 M	Bromoform	0.227	0.235	-3.5	140	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	127	0.00
58 M	4-Methyl-2-Pentanone	0.403	0.396	1.7	122	0.00
59 M	2-Hexanone	0.274	0.270	1.5	126	0.00
60 S	4-Bromofluorobenzene	0.450	0.427	5.1	123	0.00
61 M	Tetrachloroethene	0.420	0.431	-2.6	126	0.00
62 M	Toluene	1.632	1.716	-5.1	134	0.00
63 S	Toluene-d8	1.417	1.403	1.0	123	0.00
64 M	Chlorobenzene	0.983	1.035	-5.3	136	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.396	-6.5	135	0.00
66 M	Ethyl Benzene	1.719	1.792	-4.2	135	0.00
67 M	m/p-Xylenes	0.641	0.676	-5.5	136	0.00
68 M	o-Xylene	0.630	0.663	-5.2	135	0.00
69 M	Styrene	1.022	1.042	-2.0	133	0.00
70	Isopropylbenzene	1.660	1.775	-6.9	137	0.00
71 M	1,1,2,2-Tetrachloroethane	0.465	0.496	-6.7	133	0.00
72	1,2,3-Trichloropropane	0.409	0.431	-5.4	136	0.00
73	Bromobenzene	0.428	0.445	-4.0	136	0.00
74	n-propylbenzene	1.815	1.834	-1.0	134	0.00
75	2-Chlorotoluene	1.100	1.143	-3.9	133	0.00
76	1,3,5-Trimethylbenzene	1.397	1.470	-5.2	135	0.00
77	t-1,4-Dichloro-2-butene	0.128	0.124	3.1	136	0.00
78	4-Chlorotoluene	1.046	1.052	-0.6	133	0.00
79	tert-butylbenzene	1.206	1.320	-9.5	142	0.00
80	1,2,4-Trimethylbenzene	1.362	1.397	-2.6	130	0.00
81	sec-Butylbenzene	1.574	1.640	-4.2	136	0.00
82	p-Isopropyltoluene	1.414	1.472	-4.1	136	0.00
83 M	1,3-Dichlorobenzene	0.674	0.641	4.9	128	0.00
84 M	1,4-Dichlorobenzene	0.638	0.597	6.4	130	0.00
85	n-Butylbenzene	1.110	1.018	8.3	126	0.00
86 T	Hexachloroethane	0.237	0.245	-3.4	138	0.00
87 M	1,2-Dichlorobenzene	0.670	0.667	0.4	130	0.00
88	1,2-Dibromo-3-Chloropropane	0.072	0.065	9.7	118	0.00
89	1,2,4-Trichlorobenzene	0.323	0.210	35.0#	108	0.00
90	Hexachlorobutadiene	0.246	0.273	-11.0	144	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.839	0.508	39.5#	103	0.00
92	1,2,3-Trichlorobenzene	0.354	0.245	30.8#	107	-0.02

(#) = Out of Range

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