

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN090618\
 Data File : VN051028.D
 Acq On : 6 Sep 2018 12:01
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 07 01:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 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	113	0.00
2 M	Dichlorodifluoromethane	1.863	1.692	9.2	96	0.00
3 M	Chloromethane	2.200	1.953	11.2	95	0.00
4 M	Vinyl Chloride	2.174	1.930	11.2	97	0.00
5 M	Bromomethane	1.325	1.273	3.9	113	0.00
6 M	Chloroethane	1.282	1.145	10.7	99	0.00
7 M	Trichlorofluoromethane	2.882	2.717	5.7	105	0.00
8 T	Diethyl Ether	1.016	0.976	3.9	112	0.00
9	1,1,2-Trichlorotrifluoroeth	1.785	1.743	2.4	109	0.00
10 M	1,1-Dichloroethene	1.621	1.470	9.3	102	0.00
11	Methyl Iodide	1.512	1.149	24.0	101	0.00
12	Methyl Acetate	1.874	2.290	-22.2	139	0.00
13 M	Acrolein	0.042	0.106	-152.4#	351#	0.00
14 M	Acrylonitrile	0.634	0.645	-1.7	118	0.00
15 M	Acetone	0.162	0.184	-13.6	137	0.00
16 M	Carbon Disulfide	4.874	4.113	15.6	96	0.00
17	Allyl chloride	2.551	2.331	8.6	107	0.00
18 M	Methylene Chloride	1.903	1.793	5.8	105	0.00
19 M	trans-1,2-Dichloroethene	1.727	1.577	8.7	104	0.00
20 T	Diisopropyl ether	5.294	5.071	4.2	106	0.00
21 M	1,1-Dichloroethane	3.246	3.035	6.5	104	0.00
22 M	cis-1,2-Dichloroethene	1.951	1.779	8.8	103	0.00
23 M	tert-Butyl Alcohol	0.135	0.142	-5.2	125	0.00
24 M	Methyl tert-Butyl Ether	4.434	4.270	3.7	112	0.00
25 M	Chloroform	3.240	3.087	4.7	106	0.00
26	Cyclohexane	2.689	2.407	10.5	105	0.00
27 s	1,2-Dichloroethane-d4	1.914	1.857	3.0	109	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29	1,1-Dichloropropene	0.449	0.430	4.2	106	0.00
30 M	2-Butanone	0.138	0.146	-5.8	127	0.00
31	2,2-Dichloropropane	0.437	0.474	-8.5	124	0.00
32 M	1,1,1-Trichloroethane	0.509	0.496	2.6	107	0.00
33 M	Carbon Tetrachloride	0.459	0.444	3.3	106	0.00
34 M	Benzene	1.389	1.332	4.1	105	0.00
35	Methacrylonitrile	0.151	0.125	17.2	86	0.00
36 M	1,2-Dichloroethane	0.420	0.420	0.0	108	0.00
37 M	Trichloroethene	0.363	0.354	2.5	109	0.00
38	Methylcyclohexane	0.482	0.449	6.8	109	0.00
39 M	1,2-Dichloropropane	0.363	0.356	1.9	106	0.00
40	Dibromomethane	0.219	0.214	2.3	108	0.00
41 M	Bromodichloromethane	0.461	0.445	3.5	107	0.00
42 M	Vinyl Acetate	0.636	0.587	7.7	104	0.00
43	Ethyl Acetate	0.283	0.283	0.0	108	0.00
44	Isopropyl Acetate	0.499	0.503	-0.8	113	0.00
45 T	1,4-Dioxane	0.004	0.004#	0.0	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.250	0.244	2.4	113	0.00
47	n-amyl Acetate	0.402	0.391	2.7	117	0.00
48 M	t-1,3-Dichloropropene	0.452	0.436	3.5	113	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.506	2.5	111	0.00
50 M	1,1,2-Trichloroethane	0.318	0.315	0.9	107	0.00
51	Ethyl methacrylate	0.389	0.373	4.1	115	0.00
52	1,3-Dichloropropane	0.526	0.516	1.9	108	0.00
53 M	Dibromochloromethane	0.361	0.353	2.2	111	0.00
54 M	1,2-Dibromoethane	0.314	0.309	1.6	111	0.00
55 M	2-Chloroethyl vinyl ether	0.162	0.146	9.9	106	0.00
56 M	Bromoform	0.257	0.261	-1.6	116	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	0.343	0.346	-0.9	117	0.00
59 M	2-Hexanone	0.224	0.239	-6.7	128	0.00
60 S	4-Bromofluorobenzene	0.446	0.446	0.0	113	0.00
61 M	Tetrachloroethene	0.374	0.361	3.5	107	0.00
62 M	Toluene	1.674	1.605	4.1	106	0.00
63 S	Toluene-d8	1.399	1.416	-1.2	112	0.00
64 M	Chlorobenzene	1.037	1.010	2.6	110	0.00
65	1,1,1,2-Tetrachloroethane	0.392	0.382	2.6	109	0.00
66 M	Ethyl Benzene	1.734	1.630	6.0	108	0.00
67 M	m/p-Xylenes	0.667	0.652	2.2	109	0.00
68 M	o-Xylene	0.637	0.616	3.3	109	0.00
69 M	Styrene	1.013	0.984	2.9	110	0.00
70	Isopropylbenzene	1.694	1.675	1.1	110	0.00
71 M	1,1,2,2-Tetrachloroethane	0.459	0.476	-3.7	114	0.00
72	1,2,3-Trichloropropane	0.396	0.410	-3.5	115	0.00
73	Bromobenzene	0.446	0.433	2.9	110	0.00
74	n-propylbenzene	1.915	1.869	2.4	110	0.00
75	2-Chlorotoluene	1.163	1.137	2.2	109	0.00
76	1,3,5-Trimethylbenzene	1.384	1.372	0.9	110	0.00
77	t-1,4-Dichloro-2-butene	0.113	0.113	0.0	125	0.00
78	4-Chlorotoluene	1.145	1.116	2.5	109	0.00
79	tert-butylbenzene	1.202	1.171	2.6	109	0.00
80	1,2,4-Trimethylbenzene	1.380	1.391	-0.8	110	0.00
81	sec-Butylbenzene	1.573	1.568	0.3	112	0.00
82	p-Isopropyltoluene	1.357	1.342	1.1	112	0.00
83 M	1,3-Dichlorobenzene	0.753	0.733	2.7	110	0.00
84 M	1,4-Dichlorobenzene	0.714	0.691	3.2	110	0.00
85	n-Butylbenzene	1.036	0.999	3.6	116	0.00
86 T	Hexachloroethane	0.261	0.261	0.0	115	0.00
87 M	1,2-Dichlorobenzene	0.742	0.727	2.0	109	0.00
88	1,2-Dibromo-3-Chloropropane	0.064	0.066	-3.1	113	0.00
89	1,2,4-Trichlorobenzene	0.330	0.284	13.9	114	0.00
90	Hexachlorobutadiene	0.224	0.246	-9.8	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.708	0.556	21.5	113	0.00
92	1,2,3-Trichlorobenzene	0.331	0.308	6.9	116	0.00

(#) = Out of Range

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