

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121718\
 Data File : VN052940.D
 Acq On : 17 Dec 2018 20:58
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 06:25:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	0.515	0.475	7.8	98	0.00
3 P	Chloromethane	0.618	0.574	7.1	99	0.00
4 C	Vinyl Chloride	0.618	0.582	5.8#	99	0.00
5 T	Bromomethane	0.381	0.375	1.6	109	0.00
6 T	Chloroethane	0.365	0.346	5.2	101	0.00
7 T	Trichlorofluoromethane	0.766	0.733	4.3	101	0.00
8 T	Diethyl Ether	0.279	0.285	-2.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.458	3.6	103	0.00
10 T	Methyl Iodide	0.665	0.674	-1.4	105	0.00
11 T	Tert butyl alcohol	0.030	0.034	-13.3	127	0.00
12 CM	1,1-Dichloroethene	0.460	0.449	2.4#	102	0.00
13 T	Acrolein	0.028	0.018	35.7#	68	0.00
14 T	Allyl chloride	0.751	0.704	6.3	101	0.00
15 T	Acrylonitrile	0.167	0.174	-4.2	108	0.00
16 T	Acetone	0.119	0.111	6.7	102	0.00
17 T	Carbon Disulfide	1.412	1.320	6.5	100	0.00
18 T	Methyl Acetate	0.438	0.478	-9.1	117	0.00
19 T	Methyl tert-butyl Ether	1.248	1.291	-3.4	109	0.00
20 T	Methylene Chloride	0.537	0.527	1.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.472	5.2	102	0.00
22 T	Diisopropyl ether	1.602	1.565	2.3	102	0.00
23 T	Vinyl Acetate	0.953	0.924	3.0	100	0.00
24 P	1,1-Dichloroethane	0.924	0.902	2.4	103	0.00
25 T	2-Butanone	0.185	0.183	1.1	106	0.00
26 T	2,2-Dichloropropane	0.680	0.624	8.2	96	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.552	2.3	103	0.00
28 T	Bromochloromethane	0.415	0.409	1.4	103	0.00
29 T	Tetrahydrofuran	0.126	0.131	-4.0	109	0.00
30 C	Chloroform	0.901	0.879	2.4#	104	0.00
31 T	Cyclohexane	1.030	0.835	18.9	100	0.00
32 T	1,1,1-Trichloroethane	0.754	0.746	1.1	104	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.525	1.3	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.279	0.222	20.4	88	0.00
36 T	1,1-Dichloropropene	0.460	0.441	4.1	101	0.00
37 T	Ethyl Acetate	0.277	0.281	-1.4	105	0.00
38 T	Carbon Tetrachloride	0.424	0.409	3.5	102	0.00
39 T	Methylcyclohexane	0.565	0.534	5.5	101	0.00
40 TM	Benzene	1.382	1.338	3.2	102	0.00
41 T	Methacrylonitrile	0.153	0.155	-1.3	111	0.00
42 TM	1,2-Dichloroethane	0.416	0.403	3.1	102	0.00
43 T	Isopropyl Acetate	0.567	0.551	2.8	112	0.00
44 TM	Trichloroethene	0.373	0.379	-1.6	109	0.00
45 C	1,2-Dichloropropane	0.362	0.358	1.1#	104	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.210	0.206	1.9	105	0.00
47 T	Bromodichloromethane	0.435	0.433	0.5	103	0.00
48 T	Methyl methacrylate	0.249	0.263	-5.6	108	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	119	0.00
50 S	Toluene-d8	1.210	1.204	0.5	107	0.00
51 T	4-Methyl-2-Pentanone	0.260	0.272	-4.6	107	0.00
52 CM	Toluene	0.837	0.829	1.0#	103	0.00
53 T	t-1,3-Dichloropropene	0.438	0.464	-5.9	107	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.532	-1.9	105	0.00
55 T	1,1,2-Trichloroethane	0.299	0.300	-0.3	106	0.00
56 T	Ethyl methacrylate	0.383	0.419	-9.4	111	0.00
57 T	1,3-Dichloropropane	0.512	0.513	-0.2	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.230	-7.5	109	0.00
59 T	2-Hexanone	0.178	0.184	-3.4	106	0.00
60 T	Dibromochloromethane	0.323	0.331	-2.5	106	0.00
61 T	1,2-Dibromoethane	0.295	0.303	-2.7	106	0.00
62 S	4-Bromofluorobenzene	0.410	0.424	-3.4	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.430	0.486	-13.0	120	0.00
65 PM	Chlorobenzene	1.037	1.014	2.2	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.363	-0.6	106	0.00
67 C	Ethyl Benzene	1.781	1.772	0.5#	104	0.00
68 T	m/p-Xylenes	0.669	0.674	-0.7	104	0.00
69 T	o-Xylene	0.653	0.656	-0.5	104	0.00
70 T	Styrene	1.050	1.079	-2.8	104	0.00
71 P	Bromoform	0.245	0.258	-5.3	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.733	3.627	2.8	104	0.00
74 T	N-amyl acetate	1.025	1.122	-9.5	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.746	10.9	98	0.00
76 T	1,2,3-Trichloropropane	0.738	0.718	2.7	106	0.00
77 T	Bromobenzene	0.950	0.939	1.2	107	0.00
78 T	n-propylbenzene	4.258	4.159	2.3	103	0.00
79 T	2-Chlorotoluene	2.517	2.420	3.9	103	0.00
80 T	1,3,5-Trimethylbenzene	3.014	2.953	2.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.259	-12.6	118	0.00
82 T	4-Chlorotoluene	2.574	2.483	3.5	104	0.00
83 T	tert-Butylbenzene	2.658	2.571	3.3	103	0.00
84 T	1,2,4-Trimethylbenzene	3.051	3.019	1.0	105	0.00
85 T	sec-Butylbenzene	3.600	3.516	2.3	104	0.00
86 T	p-Isopropyltoluene	3.119	3.072	1.5	104	0.00
87 T	1,3-Dichlorobenzene	1.687	1.647	2.4	105	0.00
88 T	1,4-Dichlorobenzene	1.671	1.619	3.1	105	0.00
89 T	n-Butylbenzene	2.626	2.619	0.3	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.469	10.2	96	0.00
91 T	1,2-Dichlorobenzene	1.623	1.585	2.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.139	-10.3	117	0.00
93 T	1,2,4-Trichlorobenzene	0.882	0.915	-3.7	109	0.00
94 T	Hexachlorobutadiene	0.511	0.480	6.1	106	0.00
95 T	Naphthalene	1.827	2.050	-12.2	116	0.00
96 T	1,2,3-Trichlorobenzene	0.810	0.808	0.2	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6