

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121318\
 Data File : VN052875.D
 Acq On : 13 Dec 2018 20:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 03:20:46 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.515	0.496	3.7	102	0.00
3 P	Chloromethane	0.618	0.587	5.0	101	0.00
4 C	Vinyl Chloride	0.618	0.608	1.6#	103	0.00
5 T	Bromomethane	0.381	0.368	3.4	107	0.00
6 T	Chloroethane	0.365	0.359	1.6	105	0.00
7 T	Trichlorofluoromethane	0.766	0.754	1.6	104	0.00
8 T	Diethyl Ether	0.279	0.290	-3.9	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.462	2.7	103	0.00
10 T	Methyl Iodide	0.665	0.677	-1.8	105	0.00
11 T	Tert butyl alcohol	0.030	0.028	6.7	106	0.00
12 CM	1,1-Dichloroethene	0.460	0.461	-0.2#	105	0.00
13 T	Acrolein	0.028	0.028	0.0	105	0.00
14 T	Allyl chloride	0.751	0.756	-0.7	108	0.00
15 T	Acrylonitrile	0.167	0.166	0.6	102	0.00
16 T	Acetone	0.119	0.106	10.9	96	0.00
17 T	Carbon Disulfide	1.412	1.331	5.7	100	0.00
18 T	Methyl Acetate	0.438	0.428	2.3	105	0.00
19 T	Methyl tert-butyl Ether	1.248	1.262	-1.1	106	0.00
20 T	Methylene Chloride	0.537	0.515	4.1	104	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.488	2.0	105	0.00
22 T	Diisopropyl ether	1.602	1.598	0.2	104	0.00
23 T	Vinyl Acetate	0.953	0.951	0.2	103	0.00
24 P	1,1-Dichloroethane	0.924	0.924	0.0	105	0.00
25 T	2-Butanone	0.185	0.175	5.4	101	0.00
26 T	2,2-Dichloropropane	0.680	0.634	6.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.567	-0.4	106	0.00
28 T	Bromochloromethane	0.415	0.417	-0.5	104	0.00
29 T	Tetrahydrofuran	0.126	0.124	1.6	103	0.00
30 C	Chloroform	0.901	0.902	-0.1#	106	0.00
31 T	Cyclohexane	1.030	0.857	16.8	102	0.00
32 T	1,1,1-Trichloroethane	0.754	0.753	0.1	105	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.522	1.9	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.279	0.281	-0.7	111	0.00
36 T	1,1-Dichloropropene	0.460	0.461	-0.2	105	0.00
37 T	Ethyl Acetate	0.277	0.272	1.8	101	0.00
38 T	Carbon Tetrachloride	0.424	0.426	-0.5	105	0.00
39 T	Methylcyclohexane	0.565	0.551	2.5	103	0.00
40 TM	Benzene	1.382	1.381	0.1	104	0.00
41 T	Methacrylonitrile	0.153	0.159	-3.9	113	0.00
42 TM	1,2-Dichloroethane	0.416	0.413	0.7	104	0.00
43 T	Isopropyl Acetate	0.567	0.514	9.3	104	0.00
44 TM	Trichloroethene	0.373	0.371	0.5	106	0.00
45 C	1,2-Dichloropropane	0.362	0.361	0.3#	104	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.210	0.208	1.0	105	0.00
47 T	Bromodichloromethane	0.435	0.440	-1.1	104	0.00
48 T	Methyl methacrylate	0.249	0.255	-2.4	104	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	108	0.00
50 S	Toluene-d8	1.210	1.230	-1.7	108	0.00
51 T	4-Methyl-2-Pentanone	0.260	0.262	-0.8	103	0.00
52 CM	Toluene	0.837	0.850	-1.6#	105	0.00
53 T	t-1,3-Dichloropropene	0.438	0.446	-1.8	103	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.529	-1.3	104	0.00
55 T	1,1,2-Trichloroethane	0.299	0.300	-0.3	106	0.00
56 T	Ethyl methacrylate	0.383	0.399	-4.2	105	0.00
57 T	1,3-Dichloropropane	0.512	0.516	-0.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.221	-3.3	104	0.00
59 T	2-Hexanone	0.178	0.175	1.7	100	0.00
60 T	Dibromochloromethane	0.323	0.330	-2.2	105	0.00
61 T	1,2-Dibromoethane	0.295	0.298	-1.0	104	0.00
62 S	4-Bromofluorobenzene	0.410	0.419	-2.2	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.430	0.431	-0.2	105	0.00
65 PM	Chlorobenzene	1.037	1.049	-1.2	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.365	-1.1	105	0.00
67 C	Ethyl Benzene	1.781	1.810	-1.6#	105	0.00
68 T	m/p-Xylenes	0.669	0.683	-2.1	105	0.00
69 T	o-Xylene	0.653	0.669	-2.5	105	0.00
70 T	Styrene	1.050	1.102	-5.0	105	0.00
71 P	Bromoform	0.245	0.248	-1.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.733	3.754	-0.6	105	0.00
74 T	N-amyl acetate	1.025	1.029	-0.4	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.810	3.2	104	0.00
76 T	1,2,3-Trichloropropane	0.738	0.703	4.7	101	0.00
77 T	Bromobenzene	0.950	0.952	-0.2	106	0.00
78 T	n-propylbenzene	4.258	4.303	-1.1	104	0.00
79 T	2-Chlorotoluene	2.517	2.507	0.4	104	0.00
80 T	1,3,5-Trimethylbenzene	3.014	3.046	-1.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.228	0.9	101	0.00
82 T	4-Chlorotoluene	2.574	2.574	0.0	105	0.00
83 T	tert-Butylbenzene	2.658	2.664	-0.2	104	0.00
84 T	1,2,4-Trimethylbenzene	3.051	3.073	-0.7	104	0.00
85 T	sec-Butylbenzene	3.600	3.613	-0.4	104	0.00
86 T	p-Isopropyltoluene	3.119	3.145	-0.8	104	0.00
87 T	1,3-Dichlorobenzene	1.687	1.679	0.5	104	0.00
88 T	1,4-Dichlorobenzene	1.671	1.653	1.1	104	0.00
89 T	n-Butylbenzene	2.626	2.636	-0.4	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.517	1.0	103	0.00
91 T	1,2-Dichlorobenzene	1.623	1.608	0.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.125	0.8	102	0.00
93 T	1,2,4-Trichlorobenzene	0.882	0.904	-2.5	105	0.00
94 T	Hexachlorobutadiene	0.511	0.490	4.1	105	0.00
95 T	Naphthalene	1.827	1.899	-3.9	104	0.00
96 T	1,2,3-Trichlorobenzene	0.810	0.827	-2.1	105	0.00

(#) = Out of Range

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