

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103118\
 Data File : VN052066.D
 Acq On : 31 Oct 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 31 14:19:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	136	0.00
2 T	Dichlorodifluoromethane	0.608	0.680	-11.8	146	0.00
3 P	Chloromethane	0.766	0.695	9.3	123	0.00
4 C	Vinyl Chloride	0.824	0.711	13.7#	115	0.00
5 T	Bromomethane	0.618	0.483	21.8#	112	0.01
6 T	Chloroethane	0.532	0.433	18.6	112	0.00
7 T	Trichlorofluoromethane	0.942	0.948	-0.6	136	0.00
8 T	Diethyl Ether	0.351	0.326	7.1	130	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.581	-4.7	141	0.00
10 T	Methyl Iodide	0.728	0.761	-4.5	140	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	152#	0.00
12 CM	1,1-Dichloroethene	0.525	0.513	2.3#	131	0.00
13 T	Acrolein	0.036	0.031	13.9	109	0.00
14 T	Allyl chloride	1.050	0.947	9.8	118	0.00
15 T	Acrylonitrile	0.230	0.207	10.0	123	0.00
16 T	Acetone	0.171	0.158	7.6	132	0.00
17 T	Carbon Disulfide	1.653	1.542	6.7	127	0.00
18 T	Methyl Acetate	0.545	0.460	15.6	126	0.00
19 T	Methyl tert-butyl Ether	1.723	1.537	10.8	122	0.00
20 T	Methylene Chloride	0.653	0.612	6.3	126	0.00
21 T	trans-1,2-Dichloroethene	0.598	0.588	1.7	130	0.00
22 T	Diisopropyl ether	2.269	1.955	13.8	115	0.00
23 T	Vinyl Acetate	1.572	1.416	9.9	117	0.00
24 P	1,1-Dichloroethane	1.269	1.109	12.6	119	0.00
25 T	2-Butanone	0.269	0.248	7.8	125	0.00
26 T	2,2-Dichloropropane	1.008	0.930	7.7	122	0.00
27 T	cis-1,2-Dichloroethene	0.714	0.667	6.6	124	0.00
28 T	Bromochloromethane	0.629	0.497	21.0#	113	0.00
29 T	Tetrahydrofuran	0.179	0.163	8.9	122	0.00
30 C	Chloroform	1.266	1.145	9.6#	121	0.00
31 T	Cyclohexane	1.507	1.054	30.1#	118	0.00
32 T	1,1,1-Trichloroethane	1.018	0.996	2.2	129	0.00
33 S	1,2-Dichloroethane-d4	0.802	0.626	21.9#	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
35 S	Dibromofluoromethane	0.313	0.308	1.6	127	0.00
36 T	1,1-Dichloropropene	0.508	0.506	0.4	123	0.00
37 T	Ethyl Acetate	0.340	0.329	3.2	132	0.00
38 T	Carbon Tetrachloride	0.438	0.502	-14.6	138	0.00
39 T	Methylcyclohexane	0.603	0.628	-4.1	124	0.00
40 TM	Benzene	1.471	1.452	1.3	120	0.00
41 T	Methacrylonitrile	0.145	0.146	-0.7	97	0.00
42 TM	1,2-Dichloroethane	0.543	0.477	12.2	113	0.00
43 T	Isopropyl Acetate	0.605	0.583	3.6	118	0.00
44 TM	Trichloroethene	0.329	0.377	-14.6	139	0.00
45 C	1,2-Dichloropropane	0.419	0.383	8.6#	116	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.234	0.243	-3.8	124	0.00
47 T	Bromodichloromethane	0.488	0.489	-0.2	118	0.00
48 T	Methyl methacrylate	0.307	0.289	5.9	116	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	168#	0.00
50 S	Toluene-d8	1.250	1.176	5.9	120	0.00
51 T	4-Methyl-2-Pentanone	0.329	0.326	0.9	120	0.00
52 CM	Toluene	0.888	0.912	-2.7#	124	0.00
53 T	t-1,3-Dichloropropene	0.516	0.511	1.0	118	0.00
54 T	cis-1,3-Dichloropropene	0.573	0.579	-1.0	119	0.00
55 T	1,1,2-Trichloroethane	0.316	0.318	-0.6	122	0.00
56 T	Ethyl methacrylate	0.452	0.443	2.0	118	0.00
57 T	1,3-Dichloropropane	0.582	0.561	3.6	118	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.228	5.4	114	0.00
59 T	2-Hexanone	0.234	0.232	0.9	122	0.00
60 T	Dibromochloromethane	0.311	0.367	-18.0	137	0.00
61 T	1,2-Dibromoethane	0.314	0.331	-5.4	126	0.00
62 S	4-Bromofluorobenzene	0.459	0.424	7.6	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
64 T	Tetrachloroethene	0.303	0.347	-14.5	140	0.00
65 PM	Chlorobenzene	1.053	1.127	-7.0	127	0.00
66 T	1,1,1,2-Tetrachloroethane	0.331	0.388	-17.2	133	0.00
67 C	Ethyl Benzene	1.878	1.967	-4.7#	121	0.00
68 T	m/p-Xylenes	0.672	0.757	-12.6	126	0.00
69 T	o-Xylene	0.665	0.719	-8.1	121	0.00
70 T	Styrene	1.076	1.190	-10.6	123	0.00
71 P	Bromoform	0.187	0.236	-26.2#	140	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123	0.00
73 T	Isopropylbenzene	4.276	4.348	-1.7	124	0.00
74 T	N-amyl acetate	1.492	1.328	11.0	115	0.00
75 P	1,1,2,2-Tetrachloroethane	1.025	0.958	6.5	119	0.00
76 T	1,2,3-Trichloropropane	0.915	0.911	0.4	120	0.00
77 T	Bromobenzene	0.895	0.975	-8.9	134	0.00
78 T	n-propylbenzene	5.181	5.030	2.9	118	0.00
79 T	2-Chlorotoluene	3.020	2.901	3.9	118	0.00
80 T	1,3,5-Trimethylbenzene	3.479	3.524	-1.3	122	0.00
81 T	trans-1,4-Dichloro-2-butene	0.276	0.278	-0.7	119	0.00
82 T	4-Chlorotoluene	3.080	2.995	2.8	117	0.00
83 T	tert-Butylbenzene	2.923	3.040	-4.0	126	0.00
84 T	1,2,4-Trimethylbenzene	3.463	3.535	-2.1	121	0.00
85 T	sec-Butylbenzene	4.175	4.226	-1.2	121	0.00
86 T	p-Isopropyltoluene	3.400	3.647	-7.3	126	0.00
87 T	1,3-Dichlorobenzene	1.631	1.762	-8.0	132	0.00
88 T	1,4-Dichlorobenzene	1.635	1.753	-7.2	132	0.00
89 T	n-Butylbenzene	3.243	3.207	1.1	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.583	0.613	-5.1	125	0.00
91 T	1,2-Dichlorobenzene	1.534	1.652	-7.7	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.127	0.143	-12.6	122	0.00
93 T	1,2,4-Trichlorobenzene	0.571	0.731	-28.0#	154#	0.00
94 T	Hexachlorobutadiene	0.320	0.374	-16.9	151#	0.00
95 T	Naphthalene	1.433	1.807	-26.1#	147	0.00
96 T	1,2,3-Trichlorobenzene	0.493	0.631	-28.0#	154#	0.00

(#) = Out of Range

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