

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121718\
 Data File : VN052915.D
 Acq On : 17 Dec 2018 9:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 04:53:24 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	114	0.00
2 T	Dichlorodifluoromethane	0.515	0.509	1.2	113	0.00
3 P	Chloromethane	0.618	0.605	2.1	112	0.00
4 C	Vinyl Chloride	0.618	0.606	1.9#	111	0.00
5 T	Bromomethane	0.381	0.370	2.9	116	0.00
6 T	Chloroethane	0.365	0.363	0.5	115	0.00
7 T	Trichlorofluoromethane	0.766	0.758	1.0	113	0.00
8 T	Diethyl Ether	0.279	0.280	-0.4	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.489	-2.9	118	0.00
10 T	Methyl Iodide	0.665	0.669	-0.6	112	0.00
11 T	Tert butyl alcohol	0.030	0.027	10.0	110	0.00
12 CM	1,1-Dichloroethene	0.460	0.449	2.4#	110	0.00
13 T	Acrolein	0.028	0.014	50.0#	58	0.00
14 T	Allyl chloride	0.751	0.736	2.0	114	0.00
15 T	Acrylonitrile	0.167	0.163	2.4	108	0.00
16 T	Acetone	0.119	0.081	31.9#	80	0.00
17 T	Carbon Disulfide	1.412	1.421	-0.6	116	0.00
18 T	Methyl Acetate	0.438	0.426	2.7	113	0.00
19 T	Methyl tert-butyl Ether	1.248	1.213	2.8	110	0.00
20 T	Methylene Chloride	0.537	0.517	3.7	113	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.481	3.4	111	0.00
22 T	Diisopropyl ether	1.602	1.598	0.2	113	0.00
23 T	Vinyl Acetate	0.953	0.875	8.2	102	0.00
24 P	1,1-Dichloroethane	0.924	0.906	1.9	111	0.00
25 T	2-Butanone	0.185	0.154	16.8	96	0.00
26 T	2,2-Dichloropropane	0.680	0.711	-4.6	118	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.554	1.9	112	0.00
28 T	Bromochloromethane	0.415	0.416	-0.2	112	0.00
29 T	Tetrahydrofuran	0.126	0.121	4.0	109	0.00
30 C	Chloroform	0.901	0.889	1.3#	113	0.00
31 T	Cyclohexane	1.030	0.888	13.8	114	0.00
32 T	1,1,1-Trichloroethane	0.754	0.755	-0.1	114	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.494	7.1	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.279	0.226	19.0	94	0.00
36 T	1,1-Dichloropropene	0.460	0.480	-4.3	115	0.00
37 T	Ethyl Acetate	0.277	0.268	3.2	104	0.00
38 T	Carbon Tetrachloride	0.424	0.455	-7.3	118	0.00
39 T	Methylcyclohexane	0.565	0.607	-7.4	119	0.00
40 TM	Benzene	1.382	1.411	-2.1	112	0.00
41 T	Methacrylonitrile	0.153	0.164	-7.2	121	0.00
42 TM	1,2-Dichloroethane	0.416	0.421	-1.2	111	0.00
43 T	Isopropyl Acetate	0.567	0.489	13.8	104	0.00
44 TM	Trichloroethene	0.373	0.418	-12.1	125	0.00
45 C	1,2-Dichloropropane	0.362	0.374	-3.3#	113	0.00

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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)
46 T	Dibromomethane	0.210	0.212	-1.0	112	0.00
47 T	Bromodichloromethane	0.435	0.470	-8.0	117	0.00
48 T	Methyl methacrylate	0.249	0.255	-2.4	109	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	114	0.00
50 S	Toluene-d8	1.210	1.213	-0.2	112	0.00
51 T	4-Methyl-2-Pentanone	0.260	0.261	-0.4	107	0.00
52 CM	Toluene	0.837	0.887	-6.0#	115	0.00
53 T	t-1,3-Dichloropropene	0.438	0.492	-12.3	119	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.566	-8.4	117	0.00
55 T	1,1,2-Trichloroethane	0.299	0.306	-2.3	113	0.00
56 T	Ethyl methacrylate	0.383	0.394	-2.9	108	0.00
57 T	1,3-Dichloropropane	0.512	0.532	-3.9	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.212	0.9	105	0.00
59 T	2-Hexanone	0.178	0.168	5.6	101	0.00
60 T	Dibromochloromethane	0.323	0.358	-10.8	119	0.00
61 T	1,2-Dibromoethane	0.295	0.309	-4.7	113	0.00
62 S	4-Bromofluorobenzene	0.410	0.429	-4.6	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.430	0.575	-33.7#	151#	0.00
65 PM	Chlorobenzene	1.037	1.070	-3.2	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.380	-5.3	118	0.00
67 C	Ethyl Benzene	1.781	1.876	-5.3#	117	0.00
68 T	m/p-Xylenes	0.669	0.711	-6.3	117	0.00
69 T	o-Xylene	0.653	0.682	-4.4	115	0.00
70 T	Styrene	1.050	1.146	-9.1	118	0.00
71 P	Bromoform	0.245	0.272	-11.0	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
73 T	Isopropylbenzene	3.733	3.946	-5.7	118	0.00
74 T	N-amyl acetate	1.025	1.044	-1.9	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.650	22.3	89	0.00
76 T	1,2,3-Trichloropropane	0.738	0.706	4.3	109	0.00
77 T	Bromobenzene	0.950	0.994	-4.6	118	0.00
78 T	n-propylbenzene	4.258	4.601	-8.1	119	0.00
79 T	2-Chlorotoluene	2.517	2.627	-4.4	117	0.00
80 T	1,3,5-Trimethylbenzene	3.014	3.164	-5.0	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.272	-18.3	129	0.00
82 T	4-Chlorotoluene	2.574	2.704	-5.1	118	0.00
83 T	tert-Butylbenzene	2.658	2.740	-3.1	114	0.00
84 T	1,2,4-Trimethylbenzene	3.051	3.207	-5.1	116	0.00
85 T	sec-Butylbenzene	3.600	3.828	-6.3	118	0.00
86 T	p-Isopropyltoluene	3.119	3.325	-6.6	117	0.00
87 T	1,3-Dichlorobenzene	1.687	1.731	-2.6	115	0.00
88 T	1,4-Dichlorobenzene	1.671	1.714	-2.6	116	0.00
89 T	n-Butylbenzene	2.626	2.893	-10.2	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.543	-4.0	116	0.00
91 T	1,2-Dichlorobenzene	1.623	1.606	1.0	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.124	1.6	109	0.00
93 T	1,2,4-Trichlorobenzene	0.882	0.895	-1.5	111	0.00
94 T	Hexachlorobutadiene	0.511	0.479	6.3	110	0.00
95 T	Naphthalene	1.827	1.872	-2.5	110	0.00
96 T	1,2,3-Trichlorobenzene	0.810	0.791	2.3	107	0.00

(#) = Out of Range

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