

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121318\
 Data File : VN052852.D
 Acq On : 13 Dec 2018 9:41
 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 14 02:11:46 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	0.522	-1.4	107	0.00
3 P	Chloromethane	0.618	0.603	2.4	103	0.00
4 C	Vinyl Chloride	0.618	0.611	1.1#	104	0.00
5 T	Bromomethane	0.381	0.365	4.2	106	0.00
6 T	Chloroethane	0.365	0.353	3.3	103	0.00
7 T	Trichlorofluoromethane	0.766	0.773	-0.9	106	0.00
8 T	Diethyl Ether	0.279	0.279	0.0	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.490	-3.2	109	0.00
10 T	Methyl Iodide	0.665	0.656	1.4	102	0.00
11 T	Tert butyl alcohol	0.030	0.024	20.0	90	0.00
12 CM	1,1-Dichloroethene	0.460	0.463	-0.7#	105	0.00
13 T	Acrolein	0.028	0.023	17.9	87	0.00
14 T	Allyl chloride	0.751	0.734	2.3	104	0.00
15 T	Acrylonitrile	0.167	0.162	3.0	100	0.00
16 T	Acetone	0.119	0.130	-9.2	118	0.00
17 T	Carbon Disulfide	1.412	1.412	0.0	106	0.00
18 T	Methyl Acetate	0.438	0.417	4.8	102	0.00
19 T	Methyl tert-butyl Ether	1.248	1.215	2.6	101	0.00
20 T	Methylene Chloride	0.537	0.515	4.1	104	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.484	2.8	104	0.00
22 T	Diisopropyl ether	1.602	1.597	0.3	104	0.00
23 T	Vinyl Acetate	0.953	0.959	-0.6	103	0.00
24 P	1,1-Dichloroethane	0.924	0.927	-0.3	105	0.00
25 T	2-Butanone	0.185	0.183	1.1	105	0.00
26 T	2,2-Dichloropropane	0.680	0.700	-2.9	107	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.563	0.4	105	0.00
28 T	Bromochloromethane	0.415	0.419	-1.0	104	0.00
29 T	Tetrahydrofuran	0.126	0.121	4.0	101	0.00
30 C	Chloroform	0.901	0.893	0.9#	105	0.00
31 T	Cyclohexane	1.030	0.895	13.1	106	0.00
32 T	1,1,1-Trichloroethane	0.754	0.754	0.0	105	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.523	1.7	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.279	0.289	-3.6	111	0.00
36 T	1,1-Dichloropropene	0.460	0.479	-4.1	106	0.00
37 T	Ethyl Acetate	0.277	0.273	1.4	98	0.00
38 T	Carbon Tetrachloride	0.424	0.449	-5.9	107	0.00
39 T	Methylcyclohexane	0.565	0.608	-7.6	111	0.00
40 TM	Benzene	1.382	1.424	-3.0	104	0.00
41 T	Methacrylonitrile	0.153	0.141	7.8	97	0.00
42 TM	1,2-Dichloroethane	0.416	0.424	-1.9	104	0.00
43 T	Isopropyl Acetate	0.567	0.493	13.1	97	0.00
44 TM	Trichloroethene	0.373	0.383	-2.7	106	0.00
45 C	1,2-Dichloropropane	0.362	0.374	-3.3#	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	0.211	-0.5	103	0.00
47 T	Bromodichloromethane	0.435	0.454	-4.4	104	0.00
48 T	Methyl methacrylate	0.249	0.252	-1.2	100	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	86	0.00
50 S	Toluene-d8	1.210	1.257	-3.9	107	0.00
51 T	4-Methyl-2-Pentanone	0.260	0.263	-1.2	100	0.00
52 CM	Toluene	0.837	0.873	-4.3#	105	0.00
53 T	t-1,3-Dichloropropene	0.438	0.468	-6.8	104	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.554	-6.1	106	0.00
55 T	1,1,2-Trichloroethane	0.299	0.300	-0.3	103	0.00
56 T	Ethyl methacrylate	0.383	0.400	-4.4	102	0.00
57 T	1,3-Dichloropropane	0.512	0.524	-2.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.233	-8.9	107	0.00
59 T	2-Hexanone	0.178	0.186	-4.5	104	0.00
60 T	Dibromochloromethane	0.323	0.338	-4.6	104	0.00
61 T	1,2-Dibromoethane	0.295	0.303	-2.7	102	0.00
62 S	4-Bromofluorobenzene	0.410	0.435	-6.1	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.430	0.447	-4.0	107	0.00
65 PM	Chlorobenzene	1.037	1.064	-2.6	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.373	-3.3	105	0.00
67 C	Ethyl Benzene	1.781	1.880	-5.6#	106	0.00
68 T	m/p-Xylenes	0.669	0.713	-6.6	107	0.00
69 T	o-Xylene	0.653	0.688	-5.4	105	0.00
70 T	Styrene	1.050	1.131	-7.7	106	0.00
71 P	Bromoform	0.245	0.256	-4.5	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.733	3.896	-4.4	107	0.00
74 T	N-amyl acetate	1.025	1.027	-0.2	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.802	4.2	101	0.00
76 T	1,2,3-Trichloropropane	0.738	0.702	4.9	99	0.00
77 T	Bromobenzene	0.950	0.973	-2.4	106	0.00
78 T	n-propylbenzene	4.258	4.543	-6.7	108	0.00
79 T	2-Chlorotoluene	2.517	2.605	-3.5	107	0.00
80 T	1,3,5-Trimethylbenzene	3.014	3.162	-4.9	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.247	-7.4	108	0.00
82 T	4-Chlorotoluene	2.574	2.683	-4.2	108	0.00
83 T	tert-Butylbenzene	2.658	2.778	-4.5	107	0.00
84 T	1,2,4-Trimethylbenzene	3.051	3.198	-4.8	106	0.00
85 T	sec-Butylbenzene	3.600	3.813	-5.9	108	0.00
86 T	p-Isopropyltoluene	3.119	3.326	-6.6	108	0.00
87 T	1,3-Dichlorobenzene	1.687	1.747	-3.6	107	0.00
88 T	1,4-Dichlorobenzene	1.671	1.711	-2.4	106	0.00
89 T	n-Butylbenzene	2.626	2.865	-9.1	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.522	0.555	-6.3	109	0.00
91 T	1,2-Dichlorobenzene	1.623	1.656	-2.0	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.123	2.4	100	0.00
93 T	1,2,4-Trichlorobenzene	0.882	0.944	-7.0	107	0.00
94 T	Hexachlorobutadiene	0.511	0.539	-5.5	114	0.00
95 T	Naphthalene	1.827	1.894	-3.7	102	0.00
96 T	1,2,3-Trichlorobenzene	0.810	0.847	-4.6	106	0.00

(#) = Out of Range

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