

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053350.D
 Acq On : 10 Jan 2019 19:29
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 06:42:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 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	96	0.00
2 T	Dichlorodifluoromethane	0.441	0.147	66.7#	30#	0.00
3 P	Chloromethane	0.616	0.205	66.7#	31#	0.00
4 C	Vinyl Chloride	0.588	0.196	66.7#	31#	0.00
5 T	Bromomethane	0.384	0.126	67.2#	30#	-0.03
6 T	Chloroethane	0.355	0.118	66.8#	32#	-0.01
7 T	Trichlorofluoromethane	0.761	0.243	68.1#	31#	0.00
8 T	Diethyl Ether	0.298	0.100	66.4#	31#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.153	68.3#	31#	0.00
10 T	Methyl Iodide	0.676	0.243	64.1#	31#	0.00
11 T	Tert butyl alcohol	0.031	0.008	74.2#	24#	0.00
12 CM	1,1-Dichloroethene	0.467	0.150	67.9#	30#	0.00
13 T	Acrolein	0.039	0.012	69.2#	27#	0.00
14 T	Allyl chloride	0.752	0.253	66.4#	32#	0.00
15 T	Acrylonitrile	0.187	0.063	66.3#	31#	0.00
16 T	Acetone	0.136	0.039	71.3#	30#	0.00
17 T	Carbon Disulfide	1.438	0.421	70.7#	27#	0.00
18 T	Methyl Acetate	0.471	0.152	67.7#	32#	0.00
19 T	Methyl tert-butyl Ether	1.309	0.445	66.0#	32#	0.00
20 T	Methylene Chloride	0.559	0.181	67.6#	32#	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.162	67.7#	30#	0.00
22 T	Diisopropyl ether	1.620	0.554	65.8#	33#	0.00
23 T	Vinyl Acetate	1.019	0.352	65.5#	31#	0.00
24 P	1,1-Dichloroethane	0.934	0.311	66.7#	32#	0.00
25 T	2-Butanone	0.213	0.068	68.1#	31#	0.00
26 T	2,2-Dichloropropane	0.683	0.215	68.5#	29#	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.192	66.4#	31#	0.00
28 T	Bromochloromethane	0.398	0.137	65.6#	32#	0.00
29 T	Tetrahydrofuran	0.141	0.046	67.4#	31#	0.00
30 C	Chloroform	0.920	0.303	67.1#	32#	0.00
31 T	Cyclohexane	1.024	0.288	71.9#	31#	0.00
32 T	1,1,1-Trichloroethane	0.766	0.251	67.2#	31#	0.00
33 S	1,2-Dichloroethane-d4	0.520	0.170	67.3#	32#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.285	0.096	66.3#	32#	0.00
36 T	1,1-Dichloropropene	0.467	0.152	67.5#	31#	0.00
37 T	Ethyl Acetate	0.304	0.100	67.1#	31#	0.00
38 T	Carbon Tetrachloride	0.431	0.138	68.0#	30#	0.00
39 T	Methylcyclohexane	0.541	0.185	65.8#	32#	0.00
40 TM	Benzene	1.426	0.468	67.2#	32#	0.00
41 T	Methacrylonitrile	0.189	0.054	71.4#	27#	-0.01
42 TM	1,2-Dichloroethane	0.423	0.138	67.4#	32#	0.00
43 T	Isopropyl Acetate	0.598	0.183	69.4#	31#	0.00
44 TM	Trichloroethene	0.392	0.127	67.6#	31#	0.00
45 C	1,2-Dichloropropane	0.374	0.125	66.6#	32#	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	0.218	0.072	67.0#	32#	0.00
47 T	Bromodichloromethane	0.454	0.149	67.2#	31#	0.00
48 T	Methyl methacrylate	0.272	0.093	65.8#	31#	0.00
49 T	1,4-Dioxane	0.003	0.001	66.7#	23#	0.00
50 S	Toluene-d8	1.228	0.407	66.9#	32#	0.00
51 T	4-Methyl-2-Pentanone	0.301	0.104	65.4#	32#	0.00
52 CM	Toluene	0.875	0.297	66.1#	32#	0.00
53 T	t-1,3-Dichloropropene	0.465	0.157	66.2#	30#	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.180	66.5#	30#	0.00
55 T	1,1,2-Trichloroethane	0.322	0.108	66.5#	32#	0.00
56 T	Ethyl methacrylate	0.418	0.149	64.4#	31#	0.00
57 T	1,3-Dichloropropane	0.538	0.184	65.8#	32#	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.077	65.9#	31#	0.00
59 T	2-Hexanone	0.206	0.070	66.0#	32#	0.00
60 T	Dibromochloromethane	0.347	0.117	66.3#	30#	0.00
61 T	1,2-Dibromoethane	0.317	0.108	65.9#	31#	0.00
62 S	4-Bromofluorobenzene	0.430	0.147	65.8#	32#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.471	0.151	67.9#	33#	0.00
65 PM	Chlorobenzene	1.086	0.360	66.9#	32#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.124	67.4#	31#	0.00
67 C	Ethyl Benzene	1.846	0.620	66.4#	31#	0.00
68 T	m/p-Xylenes	0.694	0.237	65.9#	32#	0.00
69 T	o-Xylene	0.679	0.231	66.0#	32#	0.00
70 T	Styrene	1.106	0.388	64.9#	32#	0.00
71 P	Bromoform	0.269	0.090	66.5#	30#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.723	1.308	64.9#	32#	0.00
74 T	N-amyl acetate	1.112	0.385	65.4#	31#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.856	0.289	66.2#	32#	0.00
76 T	1,2,3-Trichloropropane	0.729	0.254	65.2#	34#	0.00
77 T	Bromobenzene	0.994	0.339	65.9#	31#	0.00
78 T	n-propylbenzene	4.211	1.505	64.3#	32#	0.00
79 T	2-Chlorotoluene	2.548	0.882	65.4#	32#	0.00
80 T	1,3,5-Trimethylbenzene	2.999	1.066	64.5#	32#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.089	64.1#	29#	0.00
82 T	4-Chlorotoluene	2.613	0.903	65.4#	31#	0.00
83 T	tert-Butylbenzene	2.631	0.944	64.1#	33#	0.00
84 T	1,2,4-Trimethylbenzene	3.055	1.074	64.8#	31#	0.00
85 T	sec-Butylbenzene	3.470	1.289	62.9#	33#	0.00
86 T	p-Isopropyltoluene	3.004	1.114	62.9#	32#	0.00
87 T	1,3-Dichlorobenzene	1.750	0.593	66.1#	31#	0.00
88 T	1,4-Dichlorobenzene	1.736	0.577	66.8#	30#	0.00
89 T	n-Butylbenzene	2.519	0.928	63.2#	31#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.481	0.171	64.4#	29#	0.00
91 T	1,2-Dichlorobenzene	1.639	0.543	66.9#	31#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.037	64.4#	33#	0.00
93 T	1,2,4-Trichlorobenzene	0.515	0.215	58.3#	36#	0.00
94 T	Hexachlorobutadiene	0.421	0.164	61.0#	38#	0.00
95 T	Naphthalene	0.879	0.389	55.7#	36#	0.00
96 T	1,2,3-Trichlorobenzene	0.337	0.153	54.6#	39#	0.00

(#) = Out of Range

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