

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053332.D
 Acq On : 10 Jan 2019 9:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 06:06:18 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	98	0.00
2 T	Dichlorodifluoromethane	0.441	0.434	1.6	94	0.00
3 P	Chloromethane	0.616	0.579	6.0	94	0.00
4 C	Vinyl Chloride	0.588	0.567	3.6#	95	0.00
5 T	Bromomethane	0.384	0.371	3.4	99	0.00
6 T	Chloroethane	0.355	0.341	3.9	98	0.00
7 T	Trichlorofluoromethane	0.761	0.747	1.8	99	0.00
8 T	Diethyl Ether	0.298	0.295	1.0	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.471	2.3	99	0.00
10 T	Methyl Iodide	0.676	0.723	-7.0	103	0.00
11 T	Tert butyl alcohol	0.031	0.028	9.7	84	0.00
12 CM	1,1-Dichloroethene	0.467	0.458	1.9#	97	0.00
13 T	Acrolein	0.039	0.037	5.1	94	0.00
14 T	Allyl chloride	0.752	0.766	-1.9	104	0.00
15 T	Acrylonitrile	0.187	0.180	3.7	93	0.00
16 T	Acetone	0.136	0.132	2.9	103	0.00
17 T	Carbon Disulfide	1.438	1.326	7.8	92	0.00
18 T	Methyl Acetate	0.471	0.426	9.6	97	0.00
19 T	Methyl tert-butyl Ether	1.309	1.300	0.7	98	0.00
20 T	Methylene Chloride	0.559	0.530	5.2	98	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.491	2.0	97	0.00
22 T	Diisopropyl ether	1.620	1.621	-0.1	98	0.00
23 T	Vinyl Acetate	1.019	1.028	-0.9	97	0.00
24 P	1,1-Dichloroethane	0.934	0.927	0.7	98	0.00
25 T	2-Butanone	0.213	0.207	2.8	96	0.00
26 T	2,2-Dichloropropane	0.683	0.704	-3.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.568	0.7	98	0.00
28 T	Bromochloromethane	0.398	0.389	2.3	93	0.00
29 T	Tetrahydrofuran	0.141	0.132	6.4	91	0.00
30 C	Chloroform	0.920	0.907	1.4#	98	0.00
31 T	Cyclohexane	1.024	0.856	16.4	96	0.00
32 T	1,1,1-Trichloroethane	0.766	0.761	0.7	99	0.00
33 S	1,2-Dichloroethane-d4	0.520	0.494	5.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.285	0.287	-0.7	99	0.00
36 T	1,1-Dichloropropene	0.467	0.464	0.6	98	0.00
37 T	Ethyl Acetate	0.304	0.296	2.6	94	0.00
38 T	Carbon Tetrachloride	0.431	0.436	-1.2	99	0.00
39 T	Methylcyclohexane	0.541	0.560	-3.5	101	0.00
40 TM	Benzene	1.426	1.421	0.4	98	0.00
41 T	Methacrylonitrile	0.189	0.159	15.9	88	-0.01
42 TM	1,2-Dichloroethane	0.423	0.418	1.2	98	0.00
43 T	Isopropyl Acetate	0.598	0.534	10.7	94	0.00
44 TM	Trichloroethene	0.392	0.391	0.3	99	0.00
45 C	1,2-Dichloropropane	0.374	0.375	-0.3#	98	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.218	0.217	0.5	96	0.00
47 T	Bromodichloromethane	0.454	0.462	-1.8	100	0.00
48 T	Methyl methacrylate	0.272	0.269	1.1	94	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	82	0.00
50 S	Toluene-d8	1.228	1.180	3.9	95	0.00
51 T	4-Methyl-2-Pentanone	0.301	0.298	1.0	94	0.00
52 CM	Toluene	0.875	0.880	-0.6#	97	0.00
53 T	t-1,3-Dichloropropene	0.465	0.479	-3.0	98	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.556	-3.5	99	0.00
55 T	1,1,2-Trichloroethane	0.322	0.318	1.2	97	0.00
56 T	Ethyl methacrylate	0.418	0.428	-2.4	96	0.00
57 T	1,3-Dichloropropane	0.538	0.541	-0.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.207	8.4	87	0.00
59 T	2-Hexanone	0.206	0.211	-2.4	96	0.00
60 T	Dibromochloromethane	0.347	0.354	-2.0	97	0.00
61 T	1,2-Dibromoethane	0.317	0.319	-0.6	96	0.00
62 S	4-Bromofluorobenzene	0.430	0.416	3.3	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.471	0.476	-1.1	98	0.00
65 PM	Chlorobenzene	1.086	1.084	0.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.385	-1.3	98	0.00
67 C	Ethyl Benzene	1.846	1.875	-1.6#	98	0.00
68 T	m/p-Xylenes	0.694	0.713	-2.7	97	0.00
69 T	o-Xylene	0.679	0.696	-2.5	98	0.00
70 T	Styrene	1.106	1.155	-4.4	98	0.00
71 P	Bromoform	0.269	0.278	-3.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.723	3.878	-4.2	98	0.00
74 T	N-amyl acetate	1.112	1.146	-3.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.856	0.845	1.3	97	0.00
76 T	1,2,3-Trichloropropane	0.729	0.752	-3.2	102	0.00
77 T	Bromobenzene	0.994	1.004	-1.0	98	0.00
78 T	n-propylbenzene	4.211	4.453	-5.7	99	0.00
79 T	2-Chlorotoluene	2.548	2.619	-2.8	99	0.00
80 T	1,3,5-Trimethylbenzene	2.999	3.153	-5.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.272	-9.7	99	0.00
82 T	4-Chlorotoluene	2.613	2.661	-1.8	98	0.00
83 T	tert-Butylbenzene	2.631	2.788	-6.0	102	0.00
84 T	1,2,4-Trimethylbenzene	3.055	3.182	-4.2	98	0.00
85 T	sec-Butylbenzene	3.470	3.790	-9.2	104	0.00
86 T	p-Isopropyltoluene	3.004	3.298	-9.8	103	0.00
87 T	1,3-Dichlorobenzene	1.750	1.765	-0.9	98	0.00
88 T	1,4-Dichlorobenzene	1.736	1.753	-1.0	99	0.00
89 T	n-Butylbenzene	2.519	2.792	-10.8	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.481	0.504	-4.8	99	0.00
91 T	1,2-Dichlorobenzene	1.639	1.674	-2.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.113	-8.7	99	0.00
93 T	1,2,4-Trichlorobenzene	0.515	0.633	-22.9	112	0.00
94 T	Hexachlorobutadiene	0.421	0.508	-20.7	113	0.00
95 T	Naphthalene	0.879	1.103	-25.5#	112	0.00
96 T	1,2,3-Trichlorobenzene	0.337	0.445	-32.0#	122	0.00

(#) = Out of Range

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