

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053394.D
 Acq On : 14 Jan 2019 16:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 23:45:50 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	91	0.00
2 T	Dichlorodifluoromethane	0.441	0.430	2.5	86	0.00
3 P	Chloromethane	0.616	0.563	8.6	85	0.00
4 C	Vinyl Chloride	0.588	0.547	7.0#	85	0.00
5 T	Bromomethane	0.384	0.372	3.1	92	0.00
6 T	Chloroethane	0.355	0.329	7.3	88	0.00
7 T	Trichlorofluoromethane	0.761	0.738	3.0	91	0.00
8 T	Diethyl Ether	0.298	0.282	5.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.484	-0.4	95	0.00
10 T	Methyl Iodide	0.676	0.689	-1.9	91	0.00
11 T	Tert butyl alcohol	0.031	0.029	6.5	79	0.00
12 CM	1,1-Dichloroethene	0.467	0.447	4.3#	88	0.00
13 T	Acrolein	0.039	0.045	-15.4	109	0.00
14 T	Allyl chloride	0.752	0.711	5.5	90	0.00
15 T	Acrylonitrile	0.187	0.174	7.0	84	0.00
16 T	Acetone	0.136	0.140	-2.9	101	0.00
17 T	Carbon Disulfide	1.438	1.224	14.9	79	0.00
18 T	Methyl Acetate	0.471	0.427	9.3	90	0.00
19 T	Methyl tert-butyl Ether	1.309	1.262	3.6	88	0.00
20 T	Methylene Chloride	0.559	0.519	7.2	89	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.477	4.8	88	0.00
22 T	Diisopropyl ether	1.620	1.605	0.9	90	0.00
23 T	Vinyl Acetate	1.019	1.000	1.9	88	0.00
24 P	1,1-Dichloroethane	0.934	0.912	2.4	90	0.00
25 T	2-Butanone	0.213	0.204	4.2	87	0.00
26 T	2,2-Dichloropropane	0.683	0.701	-2.6	96	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.567	0.9	91	0.00
28 T	Bromochloromethane	0.398	0.390	2.0	86	0.00
29 T	Tetrahydrofuran	0.141	0.128	9.2	82	0.00
30 C	Chloroform	0.920	0.899	2.3#	90	0.00
31 T	Cyclohexane	1.024	0.855	16.5	89	0.00
32 T	1,1,1-Trichloroethane	0.766	0.749	2.2	90	0.00
33 S	1,2-Dichloroethane-d4	0.520	0.483	7.1	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.285	0.293	-2.8	91	0.00
36 T	1,1-Dichloropropene	0.467	0.476	-1.9	91	0.00
37 T	Ethyl Acetate	0.304	0.289	4.9	83	0.00
38 T	Carbon Tetrachloride	0.431	0.445	-3.2	91	0.00
39 T	Methylcyclohexane	0.541	0.606	-12.0	99	0.00
40 TM	Benzene	1.426	1.428	-0.1	89	0.00
41 T	Methacrylonitrile	0.189	0.170	10.1	86	-0.01
42 TM	1,2-Dichloroethane	0.423	0.424	-0.2	90	0.00
43 T	Isopropyl Acetate	0.598	0.532	11.0	85	0.00
44 TM	Trichloroethene	0.392	0.395	-0.8	90	0.00
45 C	1,2-Dichloropropane	0.374	0.382	-2.1#	90	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	0.221	-1.4	89	0.00
47 T	Bromodichloromethane	0.454	0.472	-4.0	92	0.00
48 T	Methyl methacrylate	0.272	0.266	2.2	84	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.228	1.200	2.3	87	0.00
51 T	4-Methyl-2-Pentanone	0.301	0.296	1.7	85	0.00
52 CM	Toluene	0.875	0.906	-3.5#	90	0.00
53 T	t-1,3-Dichloropropene	0.465	0.491	-5.6	91	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.567	-5.6	91	0.00
55 T	1,1,2-Trichloroethane	0.322	0.322	0.0	89	0.00
56 T	Ethyl methacrylate	0.418	0.431	-3.1	87	0.00
57 T	1,3-Dichloropropane	0.538	0.547	-1.7	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.225	0.4	85	0.00
59 T	2-Hexanone	0.206	0.213	-3.4	88	0.00
60 T	Dibromochloromethane	0.347	0.364	-4.9	90	0.00
61 T	1,2-Dibromoethane	0.317	0.319	-0.6	87	0.00
62 S	4-Bromofluorobenzene	0.430	0.441	-2.6	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.471	0.475	-0.8	91	0.00
65 PM	Chlorobenzene	1.086	1.106	-1.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.385	-1.3	92	0.00
67 C	Ethyl Benzene	1.846	1.936	-4.9#	94	0.00
68 T	m/p-Xylenes	0.694	0.738	-6.3	94	0.00
69 T	o-Xylene	0.679	0.722	-6.3	95	0.00
70 T	Styrene	1.106	1.193	-7.9	94	0.00
71 P	Bromoform	0.269	0.276	-2.6	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.723	3.821	-2.6	97	0.00
74 T	N-amyl acetate	1.112	1.068	4.0	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.856	0.787	8.1	90	0.00
76 T	1,2,3-Trichloropropane	0.729	0.643	11.8	87	0.00
77 T	Bromobenzene	0.994	0.978	1.6	95	0.00
78 T	n-propylbenzene	4.211	4.494	-6.7	100	0.00
79 T	2-Chlorotoluene	2.548	2.564	-0.6	96	0.00
80 T	1,3,5-Trimethylbenzene	2.999	3.169	-5.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.253	-2.0	92	0.00
82 T	4-Chlorotoluene	2.613	2.666	-2.0	98	0.00
83 T	tert-Butylbenzene	2.631	2.791	-6.1	102	0.00
84 T	1,2,4-Trimethylbenzene	3.055	3.220	-5.4	99	0.00
85 T	sec-Butylbenzene	3.470	3.883	-11.9	106	0.00
86 T	p-Isopropyltoluene	3.004	3.413	-13.6	106	0.00
87 T	1,3-Dichlorobenzene	1.750	1.802	-3.0	100	0.00
88 T	1,4-Dichlorobenzene	1.736	1.782	-2.6	100	0.00
89 T	n-Butylbenzene	2.519	2.976	-18.1	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.481	0.528	-9.8	103	0.00
91 T	1,2-Dichlorobenzene	1.639	1.707	-4.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.115	-10.6	100	0.00
93 T	1,2,4-Trichlorobenzene	0.515	0.728	-41.4#	128	0.00
94 T	Hexachlorobutadiene	0.421	0.561	-33.3#	124	0.00
95 T	Naphthalene	0.879	1.204	-37.0#	122	0.00
96 T	1,2,3-Trichlorobenzene	0.337	0.506	-50.1#	138	0.00

(#) = Out of Range

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