

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011419\
 Data File : VN053379.D
 Acq On : 14 Jan 2019 9:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 23:07:59 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	102	0.00
2 T	Dichlorodifluoromethane	0.441	0.435	1.4	97	0.00
3 P	Chloromethane	0.616	0.560	9.1	95	0.00
4 C	Vinyl Chloride	0.588	0.550	6.5#	95	0.00
5 T	Bromomethane	0.384	0.363	5.5	100	0.00
6 T	Chloroethane	0.355	0.335	5.6	100	0.00
7 T	Trichlorofluoromethane	0.761	0.751	1.3	103	0.00
8 T	Diethyl Ether	0.298	0.275	7.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.486	-0.8	106	0.00
10 T	Methyl Iodide	0.676	0.699	-3.4	103	0.00
11 T	Tert butyl alcohol	0.031	0.026	16.1	78	0.00
12 CM	1,1-Dichloroethene	0.467	0.451	3.4#	99	0.00
13 T	Acrolein	0.039	0.042	-7.7	113	0.00
14 T	Allyl chloride	0.752	0.708	5.9	100	0.00
15 T	Acrylonitrile	0.187	0.159	15.0	86	0.00
16 T	Acetone	0.136	0.116	14.7	93	0.00
17 T	Carbon Disulfide	1.438	1.301	9.5	94	0.00
18 T	Methyl Acetate	0.471	0.380	19.3	89	0.00
19 T	Methyl tert-butyl Ether	1.309	1.209	7.6	94	0.00
20 T	Methylene Chloride	0.559	0.515	7.9	99	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.482	3.8	99	0.00
22 T	Diisopropyl ether	1.620	1.599	1.3	101	0.00
23 T	Vinyl Acetate	1.019	0.956	6.2	94	0.00
24 P	1,1-Dichloroethane	0.934	0.914	2.1	101	0.00
25 T	2-Butanone	0.213	0.183	14.1	88	0.00
26 T	2,2-Dichloropropane	0.683	0.716	-4.8	109	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.560	2.1	100	0.00
28 T	Bromochloromethane	0.398	0.380	4.5	94	0.00
29 T	Tetrahydrofuran	0.141	0.115	18.4	82	0.00
30 C	Chloroform	0.920	0.899	2.3#	101	0.00
31 T	Cyclohexane	1.024	0.874	14.6	102	0.00
32 T	1,1,1-Trichloroethane	0.766	0.763	0.4	103	0.00
33 S	1,2-Dichloroethane-d4	0.520	0.470	9.6	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.285	0.289	-1.4	100	0.00
36 T	1,1-Dichloropropene	0.467	0.491	-5.1	103	0.00
37 T	Ethyl Acetate	0.304	0.271	10.9	86	0.00
38 T	Carbon Tetrachloride	0.431	0.465	-7.9	105	0.00
39 T	Methylcyclohexane	0.541	0.626	-15.7	113	0.00
40 TM	Benzene	1.426	1.459	-2.3	100	0.00
41 T	Methacrylonitrile	0.189	0.172	9.0	95	-0.01
42 TM	1,2-Dichloroethane	0.423	0.419	0.9	98	0.00
43 T	Isopropyl Acetate	0.598	0.495	17.2	87	0.00
44 TM	Trichloroethene	0.392	0.410	-4.6	103	0.00
45 C	1,2-Dichloropropane	0.374	0.391	-4.5#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.218	0.216	0.9	96	0.00
47 T	Bromodichloromethane	0.454	0.478	-5.3	103	0.00
48 T	Methyl methacrylate	0.272	0.254	6.6	89	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	83	0.00
50 S	Toluene-d8	1.228	1.218	0.8	97	0.00
51 T	4-Methyl-2-Pentanone	0.301	0.274	9.0	86	0.00
52 CM	Toluene	0.875	0.915	-4.6#	100	0.00
53 T	t-1,3-Dichloropropene	0.465	0.496	-6.7	101	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.579	-7.8	102	0.00
55 T	1,1,2-Trichloroethane	0.322	0.314	2.5	96	0.00
56 T	Ethyl methacrylate	0.418	0.407	2.6	91	0.00
57 T	1,3-Dichloropropane	0.538	0.540	-0.4	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.212	6.2	88	0.00
59 T	2-Hexanone	0.206	0.194	5.8	88	0.00
60 T	Dibromochloromethane	0.347	0.364	-4.9	100	0.00
61 T	1,2-Dibromoethane	0.317	0.315	0.6	95	0.00
62 S	4-Bromofluorobenzene	0.430	0.435	-1.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.471	0.507	-7.6	105	0.00
65 PM	Chlorobenzene	1.086	1.134	-4.4	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.403	-6.1	104	0.00
67 C	Ethyl Benzene	1.846	1.959	-6.1#	103	0.00
68 T	m/p-Xylenes	0.694	0.749	-7.9	103	0.00
69 T	o-Xylene	0.679	0.725	-6.8	103	0.00
70 T	Styrene	1.106	1.199	-8.4	103	0.00
71 P	Bromoform	0.269	0.276	-2.6	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.723	3.984	-7.0	105	0.00
74 T	N-amyl acetate	1.112	1.038	6.7	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.856	0.765	10.6	91	0.00
76 T	1,2,3-Trichloropropane	0.729	0.620	15.0	87	0.00
77 T	Bromobenzene	0.994	1.025	-3.1	103	0.00
78 T	n-propylbenzene	4.211	4.670	-10.9	108	0.00
79 T	2-Chlorotoluene	2.548	2.662	-4.5	104	0.00
80 T	1,3,5-Trimethylbenzene	2.999	3.258	-8.6	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.252	-1.6	95	0.00
82 T	4-Chlorotoluene	2.613	2.751	-5.3	105	0.00
83 T	tert-Butylbenzene	2.631	2.920	-11.0	111	0.00
84 T	1,2,4-Trimethylbenzene	3.055	3.314	-8.5	107	0.00
85 T	sec-Butylbenzene	3.470	4.037	-16.3	115	0.00
86 T	p-Isopropyltoluene	3.004	3.527	-17.4	114	0.00
87 T	1,3-Dichlorobenzene	1.750	1.834	-4.8	106	0.00
88 T	1,4-Dichlorobenzene	1.736	1.800	-3.7	105	0.00
89 T	n-Butylbenzene	2.519	3.062	-21.6	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.481	0.553	-15.0	112	0.00
91 T	1,2-Dichlorobenzene	1.639	1.682	-2.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.098	5.8	89	0.00
93 T	1,2,4-Trichlorobenzene	0.515	0.675	-31.1#	124	0.00
94 T	Hexachlorobutadiene	0.421	0.543	-29.0#	126	0.00
95 T	Naphthalene	0.879	1.063	-20.9	112	0.00
96 T	1,2,3-Trichlorobenzene	0.337	0.467	-38.6#	133	0.00

(#) = Out of Range

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