

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN070920\
 Data File : VN062455.D
 Acq On : 9 Jul 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 09 15:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 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	116	0.00
2 T	Dichlorodifluoromethane	0.509	0.509	0.0	112	0.00
3 P	Chloromethane	0.817	0.741	9.3	106	0.00
4 C	Vinyl Chloride	0.670	0.704	-5.1#	120	0.00
5 T	Bromomethane	0.360	0.247	31.4#	79	0.00
6 T	Chloroethane	0.390	0.428	-9.7	123	0.00
7 T	Trichlorofluoromethane	0.850	0.911	-7.2	123	0.00
8 T	Diethyl Ether	0.380	0.399	-5.0	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.523	-3.8	117	0.00
10 T	Methyl Iodide	0.666	0.405	39.2#	66	0.00
11 T	Tert butyl alcohol	0.128	0.129	-0.8	118	0.00
12 CM	1,1-Dichloroethene	0.513	0.536	-4.5#	118	0.00
13 T	Acrolein	0.092	0.087	5.4	111	0.00
14 T	Allyl chloride	1.207	1.185	1.8	110	0.00
15 T	Acrylonitrile	0.335	0.350	-4.5	113	0.00
16 T	Acetone	0.327	0.304	7.0	111	0.00
17 T	Carbon Disulfide	1.608	1.569	2.4	113	0.00
18 T	Methyl Acetate	0.815	0.791	2.9	113	0.00
19 T	Methyl tert-butyl Ether	1.946	2.065	-6.1	120	0.00
20 T	Methylene Chloride	0.698	0.664	4.9	117	0.00
21 T	trans-1,2-Dichloroethene	0.556	0.571	-2.7	114	0.00
22 T	Diisopropyl ether	2.385	2.435	-2.1	113	0.00
23 T	Vinyl Acetate	1.975	2.057	-4.2	113	0.00
24 P	1,1-Dichloroethane	1.232	1.263	-2.5	115	0.00
25 T	2-Butanone	0.477	0.482	-1.0	112	0.00
26 T	2,2-Dichloropropane	0.945	0.959	-1.5	117	0.00
27 T	cis-1,2-Dichloroethene	0.644	0.684	-6.2	118	0.00
28 T	Bromochloromethane	0.669	0.630	5.8	109	0.00
29 T	Tetrahydrofuran	0.321	0.329	-2.5	113	0.00
30 C	Chloroform	1.113	1.174	-5.5#	118	0.00
31 T	Cyclohexane	1.168	1.116	4.5	113	0.00
32 T	1,1,1-Trichloroethane	0.925	0.973	-5.2	118	0.00
33 S	1,2-Dichloroethane-d4	0.769	0.757	1.6	114	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	122	0.00
35 S	Dibromofluoromethane	0.309	0.304	1.6	115	0.00
36 T	1,1-Dichloropropene	0.504	0.508	-0.8	115	0.00
37 T	Ethyl Acetate	0.589	0.577	2.0	114	0.00
38 T	Carbon Tetrachloride	0.453	0.467	-3.1	118	0.00
39 T	Methylcyclohexane	0.538	0.558	-3.7	116	0.00
40 TM	Benzene	1.485	1.498	-0.9	116	0.00
41 T	Methacrylonitrile	0.246	0.237	3.7	105	0.00
42 TM	1,2-Dichloroethane	0.544	0.558	-2.6	117	0.00
43 T	Isopropyl Acetate	0.931	0.955	-2.6	116	0.00
44 TM	Trichloroethene	0.329	0.340	-3.3	119	0.00
45 C	1,2-Dichloropropane	0.431	0.431	0.0	115	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.243	0.249	-2.5	117	0.00
47 T	Bromodichloromethane	0.520	0.539	-3.7	117	0.00
48 T	Methyl methacrylate	0.456	0.463	-1.5	115	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	120	0.00
50 S	Toluene-d8	1.220	1.206	1.1	116	0.00
51 T	4-Methyl-2-Pentanone	0.556	0.578	-4.0	114	0.00
52 CM	Toluene	0.858	0.887	-3.4#	118	0.00
53 T	t-1,3-Dichloropropene	0.583	0.608	-4.3	117	0.00
54 T	cis-1,3-Dichloropropene	0.643	0.658	-2.3	116	0.00
55 T	1,1,2-Trichloroethane	0.337	0.349	-3.6	116	0.00
56 T	Ethyl methacrylate	0.564	0.619	-9.8	118	0.00
57 T	1,3-Dichloropropane	0.623	0.645	-3.5	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.200	0.219	-9.5	122	0.00
59 T	2-Hexanone	0.403	0.420	-4.2	114	0.00
60 T	Dibromochloromethane	0.366	0.386	-5.5	118	0.00
61 T	1,2-Dibromoethane	0.340	0.362	-6.5	120	0.00
62 S	4-Bromofluorobenzene	0.446	0.447	-0.2	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
64 T	Tetrachloroethene	0.297	0.307	-3.4	121	0.00
65 PM	Chlorobenzene	0.972	1.025	-5.5	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.378	-5.6	118	0.00
67 C	Ethyl Benzene	1.824	1.932	-5.9#	118	0.00
68 T	m/p-Xylenes	0.646	0.694	-7.4	119	0.00
69 T	o-Xylene	0.629	0.679	-7.9	121	0.00
70 T	Styrene	1.039	1.150	-10.7	119	0.00
71 P	Bromoform	0.263	0.288	-9.5	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.869	4.050	-4.7	121	0.00
74 T	N-amyl acetate	1.883	2.069	-9.9	117	0.00
75 P	1,1,2,2-Tetrachloroethane	1.301	1.353	-4.0	119	0.00
76 T	1,2,3-Trichloropropane	1.227	1.192	2.9	119	0.00
77 T	Bromobenzene	0.880	0.913	-3.8	120	0.00
78 T	n-propylbenzene	4.520	4.787	-5.9	119	0.00
79 T	2-Chlorotoluene	2.743	2.855	-4.1	119	0.00
80 T	1,3,5-Trimethylbenzene	3.172	3.392	-6.9	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.458	0.429	6.3	107	0.00
82 T	4-Chlorotoluene	2.785	2.936	-5.4	119	0.00
83 T	tert-Butylbenzene	2.692	2.867	-6.5	121	0.00
84 T	1,2,4-Trimethylbenzene	3.153	3.343	-6.0	120	0.00
85 T	sec-Butylbenzene	3.567	3.823	-7.2	120	0.00
86 T	p-Isopropyltoluene	3.078	3.356	-9.0	120	0.00
87 T	1,3-Dichlorobenzene	1.517	1.613	-6.3	119	0.00
88 T	1,4-Dichlorobenzene	1.561	1.617	-3.6	118	0.00
89 T	n-Butylbenzene	2.718	2.899	-6.7	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.606	0.599	1.2	112	0.00
91 T	1,2-Dichlorobenzene	1.467	1.582	-7.8	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.258	-8.9	119	0.00
93 T	1,2,4-Trichlorobenzene	0.661	0.774	-17.1	118	0.00
94 T	Hexachlorobutadiene	0.390	0.410	-5.1	119	0.00
95 T	Naphthalene	1.865	2.183	-17.1	122	0.00
96 T	1,2,3-Trichlorobenzene	0.688	0.773	-12.4	119	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5