

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051047.D
 Acq On : 7 Sep 2018 12:24
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 07 23:24:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.669	0.740	-10.6	94	0.00
3 P	Chloromethane	0.825	0.770	6.7	89	0.00
4 C	Vinyl Chloride	0.782	0.766	2.0#	91	0.00
5 T	Bromomethane	0.503	0.398	20.9#	83	-0.02
6 T	Chloroethane	0.452	0.431	4.6	91	0.00
7 T	Trichlorofluoromethane	1.001	1.004	-0.3	93	0.00
8 T	Diethyl Ether	0.340	0.359	-5.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.625	0.620	0.8	94	0.00
10 T	Methyl Iodide	0.496	0.474	4.4	89	0.00
11 T	Tert butyl alcohol	0.038	0.047	-23.7#	113	0.00
12 CM	1,1-Dichloroethene	0.562	0.567	-0.9#	93	0.00
13 T	Acrolein	0.021	0.022	-4.8	90	0.00
14 T	Allyl chloride	0.875	0.889	-1.6	93	0.00
15 T	Acrylonitrile	0.195	0.224	-14.9	105	0.00
16 T	Acetone	0.163	0.174	-6.7	112	0.00
17 T	Carbon Disulfide	1.883	1.755	6.8	91	0.00
18 T	Methyl Acetate	0.568	0.641	-12.9	114	0.00
19 T	Methyl tert-butyl Ether	1.413	1.574	-11.4	99	0.00
20 T	Methylene Chloride	0.678	0.640	5.6	93	0.00
21 T	trans-1,2-Dichloroethene	0.607	0.599	1.3	92	0.00
22 T	Diisopropyl ether	1.744	1.788	-2.5	91	0.00
23 T	Vinyl Acetate	1.123	1.207	-7.5	93	0.00
24 P	1,1-Dichloroethane	1.120	1.070	4.5	91	0.00
25 T	2-Butanone	0.243	0.264	-8.6	111	0.00
26 T	2,2-Dichloropropane	0.900	0.889	1.2	94	0.00
27 T	cis-1,2-Dichloroethene	0.655	0.663	-1.2	93	0.00
28 T	Bromochloromethane	0.476	0.421	11.6	79	0.00
29 T	Tetrahydrofuran	0.139	0.167	-20.1#	106	0.00
30 C	Chloroform	1.109	1.069	3.6#	91	0.00
31 T	Cyclohexane	1.112	0.996	10.4	92	0.00
32 T	1,1,1-Trichloroethane	0.952	0.921	3.3	92	0.00
33 S	1,2-Dichloroethane-d4	0.602	0.549	8.8	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.398	0.382	4.0	87	0.00
36 T	1,1-Dichloropropene	0.590	0.608	-3.1	91	0.00
37 T	Ethyl Acetate	0.339	0.396	-16.8	101	0.00
38 T	Carbon Tetrachloride	0.596	0.605	-1.5	92	0.00
39 T	Methylcyclohexane	0.638	0.703	-10.2	95	0.00
40 TM	Benzene	1.779	1.833	-3.0	91	0.00
41 T	Methacrylonitrile	0.183	0.206	-12.6	102	0.00
42 TM	1,2-Dichloroethane	0.532	0.543	-2.1	91	0.00
43 T	Isopropyl Acetate	0.583	0.677	-16.1	101	0.00
44 TM	Trichloroethene	0.469	0.489	-4.3	94	0.00
45 C	1,2-Dichloropropane	0.468	0.471	-0.6#	91	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.275	0.287	-4.4	94	0.00
47 T	Bromodichloromethane	0.575	0.592	-3.0	91	0.00
48 T	Methyl methacrylate	0.297	0.349	-17.5	101	0.00
49 T	1,4-Dioxane	0.004	0.005	-25.0#	96	0.00
50 S	Toluene-d8	1.487	1.438	3.3	85	0.00
51 T	4-Methyl-2-Pentanone	0.348	0.398	-14.4	103	0.00
52 CM	Toluene	1.054	1.139	-8.1#	93	0.00
53 T	t-1,3-Dichloropropene	0.573	0.620	-8.2	95	0.00
54 T	cis-1,3-Dichloropropene	0.656	0.710	-8.2	94	0.00
55 T	1,1,2-Trichloroethane	0.391	0.419	-7.2	96	0.00
56 T	Ethyl methacrylate	0.444	0.543	-22.3#	100	0.00
57 T	1,3-Dichloropropane	0.646	0.701	-8.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.189	0.212	-12.2	90	0.00
59 T	2-Hexanone	0.232	0.280	-20.7#	109	0.00
60 T	Dibromochloromethane	0.438	0.475	-8.4	95	0.00
61 T	1,2-Dibromoethane	0.378	0.423	-11.9	98	0.00
62 S	4-Bromofluorobenzene	0.494	0.496	-0.4	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.475	0.486	-2.3	93	0.00
65 PM	Chlorobenzene	1.307	1.359	-4.0	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.478	0.496	-3.8	93	0.00
67 C	Ethyl Benzene	2.125	2.318	-9.1#	93	0.00
68 T	m/p-Xylenes	0.806	0.912	-13.2	94	0.00
69 T	o-Xylene	0.775	0.875	-12.9	94	0.00
70 T	Styrene	1.212	1.396	-15.2	93	0.00
71 P	Bromoform	0.329	0.378	-14.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	4.140	4.283	-3.5	94	0.00
74 T	N-amyl acetate	1.040	1.165	-12.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.116	1.110	0.5	100	0.00
76 T	1,2,3-Trichloropropane	0.876	0.885	-1.0	100	0.00
77 T	Bromobenzene	1.125	1.114	1.0	96	0.00
78 T	n-propylbenzene	4.625	4.865	-5.2	93	0.00
79 T	2-Chlorotoluene	2.881	2.902	-0.7	94	0.00
80 T	1,3,5-Trimethylbenzene	3.341	3.560	-6.6	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.294	-13.5	103	0.00
82 T	4-Chlorotoluene	2.844	2.929	-3.0	94	0.00
83 T	tert-Butylbenzene	2.893	3.060	-5.8	95	0.00
84 T	1,2,4-Trimethylbenzene	3.360	3.628	-8.0	93	0.00
85 T	sec-Butylbenzene	3.791	4.076	-7.5	96	0.00
86 T	p-Isopropyltoluene	3.230	3.639	-12.7	97	0.00
87 T	1,3-Dichlorobenzene	1.909	1.956	-2.5	95	0.00
88 T	1,4-Dichlorobenzene	1.879	1.903	-1.3	96	0.00
89 T	n-Butylbenzene	2.584	2.899	-12.2	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.669	0.638	4.6	98	0.00
91 T	1,2-Dichlorobenzene	1.842	1.902	-3.3	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.168	-12.8	108	0.00
93 T	1,2,4-Trichlorobenzene	0.802	0.936	-16.7	98	0.00
94 T	Hexachlorobutadiene	0.601	0.659	-9.7	109	0.00
95 T	Naphthalene	1.582	1.900	-20.1#	100	0.00
96 T	1,2,3-Trichlorobenzene	0.781	0.913	-16.9	100	0.00

(#) = Out of Range

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