

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060108.D
 Acq On : 14 Feb 2020 16:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 15 03:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 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	97	0.00
2 T	Dichlorodifluoromethane	0.500	0.536	-7.2	102	0.00
3 P	Chloromethane	0.595	0.656	-10.3	108	0.00
4 C	Vinyl Chloride	0.678	0.713	-5.2#	102	0.00
5 T	Bromomethane	0.416	0.445	-7.0	110	0.00
6 T	Chloroethane	0.343	0.378	-10.2	113	0.00
7 T	Trichlorofluoromethane	0.874	0.885	-1.3	102	0.00
8 T	Diethyl Ether	0.291	0.322	-10.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.485	0.496	-2.3	102	0.00
10 T	Methyl Iodide	0.601	0.689	-14.6	105	0.00
11 T	Tert butyl alcohol	0.091	0.099	-8.8	105	0.00
12 CM	1,1-Dichloroethene	0.473	0.494	-4.4#	104	0.00
13 T	Acrolein	0.090	0.085	5.6	93	0.00
14 T	Allyl chloride	0.696	0.781	-12.2	116	0.00
15 T	Acrylonitrile	0.222	0.256	-15.3	107	0.00
16 T	Acetone	0.265	0.244	7.9	85	0.00
17 T	Carbon Disulfide	1.425	1.484	-4.1	105	0.00
18 T	Methyl Acetate	0.499	0.578	-15.8	110	0.00
19 T	Methyl tert-butyl Ether	1.590	1.674	-5.3	105	0.00
20 T	Methylene Chloride	0.529	0.554	-4.7	105	0.00
21 T	trans-1,2-Dichloroethene	0.515	0.542	-5.2	104	0.00
22 T	Diisopropyl ether	1.525	1.770	-16.1	115	0.00
23 T	Vinyl Acetate	1.281	1.492	-16.5	112	0.00
24 P	1,1-Dichloroethane	0.924	1.016	-10.0	109	0.00
25 T	2-Butanone	0.334	0.354	-6.0	97	0.00
26 T	2,2-Dichloropropane	0.877	0.903	-3.0	102	0.00
27 T	cis-1,2-Dichloroethene	0.603	0.622	-3.2	103	0.00
28 T	Bromochloromethane	0.363	0.420	-15.7	114	0.00
29 T	Tetrahydrofuran	0.205	0.227	-10.7	107	0.00
30 C	Chloroform	0.968	1.027	-6.1#	104	0.00
31 T	Cyclohexane	0.861	0.921	-7.0	109	0.00
32 T	1,1,1-Trichloroethane	0.884	0.914	-3.4	101	0.00
33 S	1,2-Dichloroethane-d4	0.608	0.676	-11.2	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.307	0.329	-7.2	102	0.00
36 T	1,1-Dichloropropene	0.463	0.491	-6.0	106	0.00
37 T	Ethyl Acetate	0.419	0.463	-10.5	108	0.00
38 T	Carbon Tetrachloride	0.503	0.500	0.6	100	0.00
39 T	Methylcyclohexane	0.575	0.610	-6.1	107	0.00
40 TM	Benzene	1.374	1.444	-5.1	106	0.00
41 T	Methacrylonitrile	0.176	0.248	-40.9#	129	0.00
42 TM	1,2-Dichloroethane	0.481	0.515	-7.1	106	0.00
43 T	Isopropyl Acetate	0.715	0.799	-11.7	110	0.00
44 TM	Trichloroethene	0.380	0.383	-0.8	101	0.00
45 C	1,2-Dichloropropane	0.340	0.384	-12.9#	110	0.00

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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)
46 T	Dibromomethane	0.240	0.247	-2.9	101	0.00
47 T	Bromodichloromethane	0.489	0.523	-7.0	105	0.00
48 T	Methyl methacrylate	0.321	0.352	-9.7	107	0.00
49 T	1,4-Dioxane	0.005	0.006	-20.0	104	0.00
50 S	Toluene-d8	1.210	1.324	-9.4	107	0.00
51 T	4-Methyl-2-Pentanone	0.414	0.463	-11.8	106	0.00
52 CM	Toluene	0.881	0.930	-5.6#	105	0.00
53 T	t-1,3-Dichloropropene	0.552	0.595	-7.8	105	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.630	-8.4	107	0.00
55 T	1,1,2-Trichloroethane	0.344	0.357	-3.8	102	0.00
56 T	Ethyl methacrylate	0.486	0.546	-12.3	105	0.00
57 T	1,3-Dichloropropane	0.567	0.598	-5.5	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.252	-11.5	104	0.00
59 T	2-Hexanone	0.320	0.345	-7.8	99	0.00
60 T	Dibromochloromethane	0.394	0.406	-3.0	100	0.00
61 T	1,2-Dibromoethane	0.360	0.375	-4.2	101	0.00
62 S	4-Bromofluorobenzene	0.445	0.503	-13.0	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.380	0.364	4.2	98	0.00
65 PM	Chlorobenzene	1.019	1.037	-1.8	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.387	-0.5	100	0.00
67 C	Ethyl Benzene	1.837	1.927	-4.9#	105	0.00
68 T	m/p-Xylenes	0.690	0.719	-4.2	104	0.00
69 T	o-Xylene	0.664	0.691	-4.1	104	0.00
70 T	Styrene	1.071	1.143	-6.7	103	0.00
71 P	Bromoform	0.310	0.314	-1.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.734	3.754	-0.5	104	0.00
74 T	N-amyl acetate	1.346	1.509	-12.1	107	0.00
75 P	1,1,2,2-Tetrachloroethane	1.075	1.098	-2.1	102	0.00
76 T	1,2,3-Trichloropropane	0.957	0.964	-0.7	99	0.00
77 T	Bromobenzene	0.927	0.914	1.4	101	0.00
78 T	n-propylbenzene	4.254	4.343	-2.1	105	0.00
79 T	2-Chlorotoluene	2.500	2.505	-0.2	104	0.00
80 T	1,3,5-Trimethylbenzene	3.104	3.142	-1.2	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.407	-4.1	102	0.00
82 T	4-Chlorotoluene	2.565	2.665	-3.9	107	0.00
83 T	tert-Butylbenzene	2.746	2.696	1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.145	-2.6	103	0.00
85 T	sec-Butylbenzene	3.637	3.680	-1.2	103	0.00
86 T	p-Isopropyltoluene	3.295	3.360	-2.0	105	0.00
87 T	1,3-Dichlorobenzene	1.640	1.651	-0.7	102	0.00
88 T	1,4-Dichlorobenzene	1.640	1.653	-0.8	103	0.00
89 T	n-Butylbenzene	2.898	3.078	-6.2	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.616	0.607	1.5	100	0.00
91 T	1,2-Dichlorobenzene	1.605	1.583	1.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.249	0.219	12.0	93	0.00
93 T	1,2,4-Trichlorobenzene	0.943	0.971	-3.0	98	0.00
94 T	Hexachlorobutadiene	0.552	0.519	6.0	99	0.00
95 T	Naphthalene	2.548	2.482	2.6	90	0.00
96 T	1,2,3-Trichlorobenzene	0.939	0.904	3.7	94	0.00

(#) = Out of Range

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