

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN021720\
 Data File : VN060110.D
 Acq On : 17 Feb 2020 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 17 14:20:04 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	102	0.00
2 T	Dichlorodifluoromethane	0.500	0.508	-1.6	101	0.00
3 P	Chloromethane	0.595	0.629	-5.7	109	0.00
4 C	Vinyl Chloride	0.678	0.697	-2.8#	105	0.00
5 T	Bromomethane	0.416	0.405	2.6	105	0.00
6 T	Chloroethane	0.343	0.353	-2.9	110	0.00
7 T	Trichlorofluoromethane	0.874	0.838	4.1	101	0.00
8 T	Diethyl Ether	0.291	0.315	-8.2	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.485	0.482	0.6	104	0.00
10 T	Methyl Iodide	0.601	0.650	-8.2	103	0.00
11 T	Tert butyl alcohol	0.091	0.112	-23.1	124	0.00
12 CM	1,1-Dichloroethene	0.473	0.470	0.6#	104	0.00
13 T	Acrolein	0.090	0.062	31.1#	70	0.00
14 T	Allyl chloride	0.696	0.755	-8.5	118	0.00
15 T	Acrylonitrile	0.222	0.271	-22.1	119	0.00
16 T	Acetone	0.265	0.359	-35.5#	131	0.00
17 T	Carbon Disulfide	1.425	1.384	2.9	103	0.00
18 T	Methyl Acetate	0.499	0.616	-23.4	123	0.00
19 T	Methyl tert-butyl Ether	1.590	1.707	-7.4	112	0.00
20 T	Methylene Chloride	0.529	0.539	-1.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.515	0.512	0.6	103	0.00
22 T	Diisopropyl ether	1.525	1.734	-13.7	118	0.00
23 T	Vinyl Acetate	1.281	1.517	-18.4	119	0.00
24 P	1,1-Dichloroethane	0.924	0.957	-3.6	108	0.00
25 T	2-Butanone	0.334	0.447	-33.8#	128	0.00
26 T	2,2-Dichloropropane	0.877	0.886	-1.0	105	0.00
27 T	cis-1,2-Dichloroethene	0.603	0.612	-1.5	106	0.00
28 T	Bromochloromethane	0.363	0.404	-11.3	115	0.00
29 T	Tetrahydrofuran	0.205	0.252	-22.9	124	0.00
30 C	Chloroform	0.968	0.996	-2.9#	106	0.00
31 T	Cyclohexane	0.861	0.883	-2.6	110	0.00
32 T	1,1,1-Trichloroethane	0.884	0.890	-0.7	103	0.00
33 S	1,2-Dichloroethane-d4	0.608	0.669	-10.0	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.307	0.319	-3.9	105	0.00
36 T	1,1-Dichloropropene	0.463	0.467	-0.9	106	0.00
37 T	Ethyl Acetate	0.419	0.492	-17.4	122	0.00
38 T	Carbon Tetrachloride	0.503	0.480	4.6	101	0.00
39 T	Methylcyclohexane	0.575	0.588	-2.3	109	0.00
40 TM	Benzene	1.374	1.382	-0.6	107	0.00
41 T	Methacrylonitrile	0.176	0.193	-9.7	106	0.00
42 TM	1,2-Dichloroethane	0.481	0.505	-5.0	110	0.00
43 T	Isopropyl Acetate	0.715	0.829	-15.9	120	0.00
44 TM	Trichloroethene	0.380	0.366	3.7	102	0.00
45 C	1,2-Dichloropropane	0.340	0.362	-6.5#	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.240	0.250	-4.2	108	0.00
47 T	Bromodichloromethane	0.489	0.504	-3.1	107	0.00
48 T	Methyl methacrylate	0.321	0.372	-15.9	119	0.00
49 T	1,4-Dioxane	0.005	0.007	-40.0#	116	0.00
50 S	Toluene-d8	1.210	1.249	-3.2	106	0.00
51 T	4-Methyl-2-Pentanone	0.414	0.498	-20.3	121	0.00
52 CM	Toluene	0.881	0.887	-0.7#	106	0.00
53 T	t-1,3-Dichloropropene	0.552	0.593	-7.4	111	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.611	-5.2	109	0.00
55 T	1,1,2-Trichloroethane	0.344	0.349	-1.5	106	0.00
56 T	Ethyl methacrylate	0.486	0.559	-15.0	114	0.00
57 T	1,3-Dichloropropane	0.567	0.594	-4.8	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.265	-17.3	116	0.00
59 T	2-Hexanone	0.320	0.410	-28.1#	124	0.00
60 T	Dibromochloromethane	0.394	0.401	-1.8	105	0.00
61 T	1,2-Dibromoethane	0.360	0.376	-4.4	107	0.00
62 S	4-Bromofluorobenzene	0.445	0.468	-5.2	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.380	0.350	7.9	99	0.00
65 PM	Chlorobenzene	1.019	1.003	1.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.379	1.6	102	0.00
67 C	Ethyl Benzene	1.837	1.849	-0.7#	106	0.00
68 T	m/p-Xylenes	0.690	0.691	-0.1	105	0.00
69 T	o-Xylene	0.664	0.665	-0.2	104	0.00
70 T	Styrene	1.071	1.117	-4.3	105	0.00
71 P	Bromoform	0.310	0.324	-4.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.734	3.621	3.0	104	0.00
74 T	N-amyl acetate	1.346	1.586	-17.8	117	0.00
75 P	1,1,2,2-Tetrachloroethane	1.075	1.125	-4.7	109	0.00
76 T	1,2,3-Trichloropropane	0.957	1.024	-7.0	110	0.00
77 T	Bromobenzene	0.927	0.887	4.3	102	0.00
78 T	n-propylbenzene	4.254	4.228	0.6	107	0.00
79 T	2-Chlorotoluene	2.500	2.460	1.6	107	0.00
80 T	1,3,5-Trimethylbenzene	3.104	3.087	0.5	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.436	-11.5	114	0.00
82 T	4-Chlorotoluene	2.565	2.551	0.5	106	0.00
83 T	tert-Butylbenzene	2.746	2.611	4.9	104	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.062	0.1	104	0.00
85 T	sec-Butylbenzene	3.637	3.544	2.6	104	0.00
86 T	p-Isopropyltoluene	3.295	3.247	1.5	105	0.00
87 T	1,3-Dichlorobenzene	1.640	1.608	2.0	103	0.00
88 T	1,4-Dichlorobenzene	1.640	1.620	1.2	105	0.00
89 T	n-Butylbenzene	2.898	2.993	-3.3	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.616	0.599	2.8	103	0.00
91 T	1,2-Dichlorobenzene	1.605	1.557	3.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.249	0.248	0.4	110	0.00
93 T	1,2,4-Trichlorobenzene	0.943	0.987	-4.7	104	0.00
94 T	Hexachlorobutadiene	0.552	0.518	6.2	102	0.00
95 T	Naphthalene	2.548	2.764	-8.5	105	0.00
96 T	1,2,3-Trichlorobenzene	0.939	0.948	-1.0	103	0.00

(#) = Out of Range

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