

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041520\
 Data File : VN060950.D
 Acq On : 15 Apr 2020 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 16 06:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 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	64	0.00
2 T	Dichlorodifluoromethane	0.484	0.450	7.0	57	0.00
3 P	Chloromethane	0.904	0.787	12.9	56	0.00
4 C	Vinyl Chloride	0.707	0.638	9.8#	58	0.00
5 T	Bromomethane	0.305	0.324	-6.2	68	0.00
6 T	Chloroethane	0.407	0.409	-0.5	62	0.00
7 T	Trichlorofluoromethane	0.871	0.878	-0.8	64	0.00
8 T	Diethyl Ether	0.350	0.375	-7.1	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.540	-7.1	68	0.00
10 T	Methyl Iodide	0.449	0.393	12.5	59	0.00
11 T	Tert butyl alcohol	0.101	0.102	-1.0	66	0.00
12 CM	1,1-Dichloroethene	0.541	0.531	1.8#	63	0.00
13 T	Acrolein	0.112	0.142	-26.8#	82	0.00
14 T	Allyl chloride	0.952	1.001	-5.1	70	0.00
15 T	Acrylonitrile	0.297	0.325	-9.4	69	0.00
16 T	Acetone	0.243	0.380	-56.4#	101	0.00
17 T	Carbon Disulfide	1.646	1.414	14.1	55	0.00
18 T	Methyl Acetate	0.684	0.788	-15.2	73	0.00
19 T	Methyl tert-butyl Ether	1.861	1.971	-5.9	69	0.00
20 T	Methylene Chloride	0.598	0.614	-2.7	66	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.573	0.7	64	0.00
22 T	Diisopropyl ether	2.012	2.276	-13.1	71	0.00
23 T	Vinyl Acetate	1.641	1.854	-13.0	71	0.00
24 P	1,1-Dichloroethane	1.097	1.188	-8.3	69	0.00
25 T	2-Butanone	0.393	0.499	-27.0#	81	0.00
26 T	2,2-Dichloropropane	0.863	1.013	-17.4	76	0.00
27 T	cis-1,2-Dichloroethene	0.656	0.680	-3.7	67	0.00
28 T	Bromochloromethane	0.525	0.602	-14.7	73	0.00
29 T	Tetrahydrofuran	0.278	0.294	-5.8	68	0.00
30 C	Chloroform	1.051	1.129	-7.4#	69	0.00
31 T	Cyclohexane	1.106	1.063	3.9	64	0.00
32 T	1,1,1-Trichloroethane	0.906	0.952	-5.1	66	0.00
33 S	1,2-Dichloroethane-d4	0.686	0.705	-2.8	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	63	0.00
35 S	Dibromofluoromethane	0.302	0.322	-6.6	66	0.00
36 T	1,1-Dichloropropene	0.484	0.526	-8.7	67	0.00
37 T	Ethyl Acetate	0.523	0.562	-7.5	68	0.00
38 T	Carbon Tetrachloride	0.434	0.460	-6.0	64	0.00
39 T	Methylcyclohexane	0.575	0.613	-6.6	65	0.00
40 TM	Benzene	1.462	1.566	-7.1	67	0.00
41 T	Methacrylonitrile	0.223	0.248	-11.2	69	0.00
42 TM	1,2-Dichloroethane	0.499	0.549	-10.0	68	0.00
43 T	Isopropyl Acetate	0.863	0.977	-13.2	70	0.00
44 TM	Trichloroethene	0.368	0.395	-7.3	66	0.00
45 C	1,2-Dichloropropane	0.386	0.443	-14.8#	71	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.233	0.259	-11.2	68	0.00
47 T	Bromodichloromethane	0.484	0.555	-14.7	71	0.00
48 T	Methyl methacrylate	0.384	0.431	-12.2	69	0.00
49 T	1,4-Dioxane	0.005	0.005	0.0	65	0.00
50 S	Toluene-d8	1.235	1.274	-3.2	64	0.00
51 T	4-Methyl-2-Pentanone	0.491	0.569	-15.9	70	0.00
52 CM	Toluene	0.883	0.953	-7.9#	66	0.00
53 T	t-1,3-Dichloropropene	0.557	0.646	-16.0	70	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.692	-13.3	71	0.00
55 T	1,1,2-Trichloroethane	0.340	0.379	-11.5	69	0.00
56 T	Ethyl methacrylate	0.529	0.612	-15.7	68	0.00
57 T	1,3-Dichloropropane	0.589	0.665	-12.9	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.263	0.294	-11.8	66	0.00
59 T	2-Hexanone	0.354	0.437	-23.4	74	0.00
60 T	Dibromochloromethane	0.351	0.397	-13.1	68	0.00
61 T	1,2-Dibromoethane	0.341	0.378	-10.9	67	0.00
62 S	4-Bromofluorobenzene	0.453	0.486	-7.3	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.393	0.392	0.3	63	0.00
65 PM	Chlorobenzene	0.991	1.075	-8.5	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.396	-10.3	69	0.00
67 C	Ethyl Benzene	1.843	2.019	-9.5#	67	0.00
68 T	m/p-Xylenes	0.685	0.739	-7.9	67	0.00
69 T	o-Xylene	0.654	0.713	-9.0	67	0.00
70 T	Styrene	1.069	1.208	-13.0	68	0.00
71 P	Bromoform	0.268	0.309	-15.3	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.752	4.019	-7.1	68	0.00
74 T	N-amyl acetate	1.734	1.910	-10.1	69	0.00
75 P	1,1,2,2-Tetrachloroethane	1.135	1.253	-10.4	71	0.00
76 T	1,2,3-Trichloropropane	1.079	1.096	-1.6	68	0.00
77 T	Bromobenzene	0.904	0.938	-3.8	67	0.00
78 T	n-propylbenzene	4.433	4.849	-9.4	69	0.00
79 T	2-Chlorotoluene	2.649	2.811	-6.1	68	0.00
80 T	1,3,5-Trimethylbenzene	3.184	3.422	-7.5	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.420	0.459	-9.3	69	0.00
82 T	4-Chlorotoluene	2.698	2.965	-9.9	70	0.00
83 T	tert-Butylbenzene	2.640	2.865	-8.5	69	0.00
84 T	1,2,4-Trimethylbenzene	3.150	3.418	-8.5	68	0.00
85 T	sec-Butylbenzene	3.550	3.933	-10.8	70	0.00
86 T	p-Isopropyltoluene	3.192	3.524	-10.4	70	0.00
87 T	1,3-Dichlorobenzene	1.595	1.737	-8.9	70	0.00
88 T	1,4-Dichlorobenzene	1.602	1.751	-9.3	70	0.00
89 T	n-Butylbenzene	2.882	3.377	-17.2	73	0.00

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90 T	Hexachloroethane	0.464	0.559	-20.5	74	0.00
91 T	1,2-Dichlorobenzene	1.525	1.658	-8.7	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.255	0.244	4.3	67	0.00
93 T	1,2,4-Trichlorobenzene	0.936	1.053	-12.5	69	0.00
94 T	Hexachlorobutadiene	0.459	0.491	-7.0	69	0.00
95 T	Naphthalene	2.816	2.961	-5.1	65	0.00
96 T	1,2,3-Trichlorobenzene	0.922	0.994	-7.8	68	0.00

(#) = Out of Range

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