

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052120\
 Data File : VN061520.D
 Acq On : 21 May 2020 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 07:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 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	109	0.00
2 T	Dichlorodifluoromethane	0.416	0.399	4.1	102	0.00
3 P	Chloromethane	0.678	0.540	20.4	91	0.00
4 C	Vinyl Chloride	0.970	0.784	19.2#	88	0.00
5 T	Bromomethane	0.534	0.445	16.7	93	0.00
6 T	Chloroethane	0.653	0.517	20.8	89	0.00
7 T	Trichlorofluoromethane	1.178	1.079	8.4	102	0.00
8 T	Diethyl Ether	0.343	0.306	10.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.484	1.2	109	0.00
10 T	Methyl Iodide	0.595	0.564	5.2	109	0.00
11 T	Tert butyl alcohol	0.086	0.073	15.1	89	0.00
12 CM	1,1-Dichloroethene	0.513	0.486	5.3#	109	0.00
13 T	Acrolein	0.068	0.062	8.8	102	0.00
14 T	Allyl chloride	0.834	0.680	18.5	87	0.00
15 T	Acrylonitrile	0.255	0.207	18.8	87	0.00
16 T	Acetone	0.228	0.220	3.5	120	0.00
17 T	Carbon Disulfide	1.269	1.039	18.1	100	0.00
18 T	Methyl Acetate	0.572	0.416	27.3#	86	0.00
19 T	Methyl tert-butyl Ether	1.945	1.681	13.6	96	0.00
20 T	Methylene Chloride	0.613	0.555	9.5	102	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.553	6.4	104	0.00
22 T	Diisopropyl ether	1.874	1.542	17.7	89	0.00
23 T	Vinyl Acetate	1.490	1.200	19.5	86	0.00
24 P	1,1-Dichloroethane	1.093	0.953	12.8	94	0.00
25 T	2-Butanone	0.340	0.284	16.5	92	0.00
26 T	2,2-Dichloropropane	1.042	0.940	9.8	101	0.00
27 T	cis-1,2-Dichloroethene	0.698	0.668	4.3	104	0.00
28 T	Bromochloromethane	0.464	0.379	18.3	81	0.00
29 T	Tetrahydrofuran	0.225	0.169	24.9	82	0.00
30 C	Chloroform	1.142	1.067	6.6#	99	0.00
31 T	Cyclohexane	1.045	0.817	21.8	89	0.00
32 T	1,1,1-Trichloroethane	1.043	0.975	6.5	100	0.00
33 S	1,2-Dichloroethane-d4	0.746	0.605	18.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.262	0.258	1.5	105	0.00
36 T	1,1-Dichloropropene	0.468	0.449	4.1	97	0.00
37 T	Ethyl Acetate	0.424	0.330	22.2	83	0.00
38 T	Carbon Tetrachloride	0.430	0.455	-5.8	102	0.00
39 T	Methylcyclohexane	0.571	0.527	7.7	93	0.00
40 TM	Benzene	1.409	1.360	3.5	98	0.00
41 T	Methacrylonitrile	0.179	0.145	19.0	78	0.00
42 TM	1,2-Dichloroethane	0.508	0.462	9.1	93	0.00
43 T	Isopropyl Acetate	0.739	0.598	19.1	83	0.00
44 TM	Trichloroethene	0.369	0.405	-9.8	110	0.00
45 C	1,2-Dichloropropane	0.353	0.331	6.2#	94	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	0.247	0.243	1.6	100	0.00
47 T	Bromodichloromethane	0.521	0.504	3.3	96	0.00
48 T	Methyl methacrylate	0.342	0.272	20.5	83	0.00
49 T	1,4-Dioxane	0.004	0.005	-25.0	116	0.00
50 S	Toluene-d8	1.215	1.153	5.1	100	0.00
51 T	4-Methyl-2-Pentanone	0.403	0.335	16.9	82	0.00
52 CM	Toluene	0.905	0.916	-1.2#	101	0.00
53 T	t-1,3-Dichloropropene	0.571	0.545	4.6	93	0.00
54 T	cis-1,3-Dichloropropene	0.607	0.587	3.3	98	0.00
55 T	1,1,2-Trichloroethane	0.342	0.347	-1.5	100	0.00
56 T	Ethyl methacrylate	0.535	0.497	7.1	91	0.00
57 T	1,3-Dichloropropane	0.591	0.570	3.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.235	0.217	7.7	93	0.00
59 T	2-Hexanone	0.291	0.258	11.3	88	0.00
60 T	Dibromochloromethane	0.378	0.407	-7.7	103	0.00
61 T	1,2-Dibromoethane	0.360	0.370	-2.8	101	0.00
62 S	4-Bromofluorobenzene	0.454	0.442	2.6	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.387	0.421	-8.8	111	0.00
65 PM	Chlorobenzene	1.020	1.044	-2.4	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.391	-6.8	107	0.00
67 C	Ethyl Benzene	1.861	1.879	-1.0#	100	0.00
68 T	m/p-Xylenes	0.706	0.736	-4.2	103	0.00
69 T	o-Xylene	0.684	0.701	-2.5	102	0.00
70 T	Styrene	1.132	1.187	-4.9	101	0.00
71 P	Bromoform	0.258	0.280	-8.5	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	4.014	3.672	8.5	100	0.00
74 T	N-amyl acetate	1.469	1.101	25.1#	81	0.00
75 P	1,1,2,2-Tetrachloroethane	1.104	0.943	14.6	93	0.00
76 T	1,2,3-Trichloropropane	1.073	0.924	13.9	96	0.00
77 T	Bromobenzene	0.871	0.900	-3.3	112	0.00
78 T	n-propylbenzene	4.574	4.182	8.6	98	0.00
79 T	2-Chlorotoluene	2.703	2.432	10.0	98	0.00
80 T	1,3,5-Trimethylbenzene	3.287	3.102	5.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.404	0.326	19.3	90	0.00
82 T	4-Chlorotoluene	2.799	2.578	7.9	99	0.00
83 T	tert-Butylbenzene	2.815	2.590	8.0	98	0.00
84 T	1,2,4-Trimethylbenzene	3.289	3.120	5.1	100	0.00
85 T	sec-Butylbenzene	3.807	3.446	9.5	96	0.00
86 T	p-Isopropyltoluene	3.380	3.183	5.8	99	0.00
87 T	1,3-Dichlorobenzene	1.594	1.656	-3.9	110	0.00
88 T	1,4-Dichlorobenzene	1.597	1.671	-4.6	110	0.00
89 T	n-Butylbenzene	3.071	2.746	10.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.458	0.419	8.5	92	0.00
91 T	1,2-Dichlorobenzene	1.529	1.570	-2.7	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.223	0.181	18.8	87	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.887	-7.0	108	0.00
94 T	Hexachlorobutadiene	0.368	0.343	6.8	99	0.00
95 T	Naphthalene	2.636	2.633	0.1	99	0.00
96 T	1,2,3-Trichlorobenzene	0.825	0.854	-3.5	107	0.00

(#) = Out of Range

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