

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 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	62	0.00
2 T	Dichlorodifluoromethane	0.565	0.495	12.4	58	0.00
3 P	Chloromethane	0.744	0.673	9.5	62	0.00
4 C	Vinyl Chloride	0.890	0.762	14.4#	58	0.00
5 T	Bromomethane	0.575	0.497	13.6	58	0.00
6 T	Chloroethane	0.608	0.517	15.0	56	0.00
7 T	Trichlorofluoromethane	1.097	0.936	14.7	63	0.00
8 T	Diethyl Ether	0.383	0.410	-7.0	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.574	0.558	2.8	66	0.00
10 T	Methyl Iodide	0.647	0.669	-3.4	65	0.00
11 T	Tert butyl alcohol	0.101	0.108	-6.9	70	0.00
12 CM	1,1-Dichloroethene	0.574	0.556	3.1#	65	0.00
13 T	Acrolein	0.099	0.075	24.2	49#	0.00
14 T	Allyl chloride	0.782	0.890	-13.8	74	0.00
15 T	Acrylonitrile	0.275	0.310	-12.7	73	0.00
16 T	Acetone	0.251	0.323	-28.7#	90	0.00
17 T	Carbon Disulfide	1.833	1.528	16.6	59	0.00
18 T	Methyl Acetate	0.558	0.656	-17.6	82	0.00
19 T	Methyl tert-butyl Ether	1.835	2.032	-10.7	72	0.00
20 T	Methylene Chloride	0.708	0.699	1.3	69	0.00
21 T	trans-1,2-Dichloroethene	0.654	0.617	5.7	64	0.00
22 T	Diisopropyl ether	1.780	2.090	-17.4	78	0.00
23 T	Vinyl Acetate	1.453	1.736	-19.5	76	0.00
24 P	1,1-Dichloroethane	1.146	1.229	-7.2	73	0.00
25 T	2-Butanone	0.343	0.419	-22.2	79	0.00
26 T	2,2-Dichloropropane	0.955	1.050	-9.9	73	0.00
27 T	cis-1,2-Dichloroethene	0.736	0.759	-3.1	69	0.00
28 T	Bromochloromethane	0.497	0.553	-11.3	75	0.00
29 T	Tetrahydrofuran	0.225	0.261	-16.0	74	0.00
30 C	Chloroform	1.166	1.228	-5.3#	71	0.00
31 T	Cyclohexane	0.969	1.010	-4.2	70	0.00
32 T	1,1,1-Trichloroethane	0.983	0.996	-1.3	67	0.00
33 S	1,2-Dichloroethane-d4	0.702	0.766	-9.1	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.321	0.313	2.5	69	0.00
36 T	1,1-Dichloropropene	0.503	0.501	0.4	70	0.00
37 T	Ethyl Acetate	0.416	0.462	-11.1	75	0.00
38 T	Carbon Tetrachloride	0.474	0.440	7.2	65	0.00
39 T	Methylcyclohexane	0.551	0.562	-2.0	70	0.00
40 TM	Benzene	1.532	1.531	0.1	69	0.00
41 T	Methacrylonitrile	0.193	0.224	-16.1	83	0.00
42 TM	1,2-Dichloroethane	0.518	0.542	-4.6	72	0.00
43 T	Isopropyl Acetate	0.678	0.764	-12.7	77	0.00
44 TM	Trichloroethene	0.386	0.356	7.8	66	0.00
45 C	1,2-Dichloropropane	0.378	0.404	-6.9#	74	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	0.256	0.255	0.4	68	0.00
47 T	Bromodichloromethane	0.517	0.540	-4.4	70	0.00
48 T	Methyl methacrylate	0.304	0.365	-20.1	80	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	65	0.00
50 S	Toluene-d8	1.282	1.287	-0.4	71	0.00
51 T	4-Methyl-2-Pentanone	0.396	0.464	-17.2	76	0.00
52 CM	Toluene	0.935	0.963	-3.0#	68	0.00
53 T	t-1,3-Dichloropropene	0.569	0.614	-7.9	72	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.665	-9.7	72	0.00
55 T	1,1,2-Trichloroethane	0.367	0.380	-3.5	69	0.00
56 T	Ethyl methacrylate	0.490	0.567	-15.7	73	0.00
57 T	1,3-Dichloropropane	0.632	0.670	-6.0	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.184	0.199	-8.2	69	0.00
59 T	2-Hexanone	0.286	0.349	-22.0	77	0.00
60 T	Dibromochloromethane	0.389	0.397	-2.1	68	0.00
61 T	1,2-Dibromoethane	0.378	0.380	-0.5	68	0.00
62 S	4-Bromofluorobenzene	0.433	0.457	-5.5	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.342	0.297	13.2	61	0.00
65 PM	Chlorobenzene	1.098	1.074	2.2	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.378	0.5	67	0.00
67 C	Ethyl Benzene	1.854	1.976	-6.6#	70	0.00
68 T	m/p-Xylenes	0.717	0.744	-3.8	67	0.00
69 T	o-Xylene	0.677	0.705	-4.1	67	0.00
70 T	Styrene	1.129	1.243	-10.1	69	0.00
71 P	Bromoform	0.270	0.275	-1.9	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73 T	Isopropylbenzene	3.870	3.900	-0.8	70	0.00
74 T	N-amyl acetate	1.265	1.456	-15.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.288	1.238	3.9	70	0.00
76 T	1,2,3-Trichloropropane	1.177	1.132	3.8	70	0.00
77 T	Bromobenzene	0.961	0.872	9.3	66	0.00
78 T	n-propylbenzene	4.427	4.643	-4.9	72	0.00
79 T	2-Chlorotoluene	2.676	2.684	-0.3	71	0.00
80 T	1,3,5-Trimethylbenzene	3.138	3.275	-4.4	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.403	0.429	-6.5	73	0.00
82 T	4-Chlorotoluene	2.768	2.867	-3.6	73	0.00
83 T	tert-Butylbenzene	2.685	2.654	1.2	68	0.00
84 T	1,2,4-Trimethylbenzene	3.134	3.255	-3.9	71	0.00
85 T	sec-Butylbenzene	3.548	3.773	-6.3	73	0.00
86 T	p-Isopropyltoluene	3.109	3.347	-7.7	72	0.00
87 T	1,3-Dichlorobenzene	1.687	1.677	0.6	70	0.00
88 T	1,4-Dichlorobenzene	1.739	1.650	5.1	69	0.00
89 T	n-Butylbenzene	2.584	2.935	-13.6	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.610	0.616	-1.0	72	0.00
91 T	1,2-Dichlorobenzene	1.636	1.602	2.1	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.206	0.211	-2.4	69	0.00
93 T	1,2,4-Trichlorobenzene	0.715	0.740	-3.5	69	0.00
94 T	Hexachlorobutadiene	0.310	0.322	-3.9	75	0.00
95 T	Naphthalene	2.084	2.144	-2.9	67	0.00
96 T	1,2,3-Trichlorobenzene	0.731	0.752	-2.9	69	0.00

(#) = Out of Range

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