

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN042020\  
 Data File : VN061092.D  
 Acq On : 20 Apr 2020 11:00  
 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 21 04:10:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	100	0.00
2 T	Dichlorodifluoromethane	50.000	49.287	1.4	96	0.00
3 P	Chloromethane	50.000	48.647	2.7	95	0.00
4 C	Vinyl Chloride	50.000	48.899	2.2#	96	0.00
5 T	Bromomethane	50.000	48.447	3.1	97	0.00
6 T	Chloroethane	50.000	50.999	-2.0	97	0.00
7 T	Trichlorofluoromethane	50.000	49.931	0.1	97	0.00
8 T	Diethyl Ether	50.000	50.364	-0.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.714	0.6	100	0.00
10 T	Methyl Iodide	50.000	56.635	-13.3	114	0.00
11 T	Tert butyl alcohol	250.000	253.881	-1.6	103	0.00
12 CM	1,1-Dichloroethene	50.000	49.085	1.8#	98	0.00
13 T	Acrolein	250.000	240.322	3.9	102	0.00
14 T	Allyl chloride	50.000	48.100	3.8	99	0.00
15 T	Acrylonitrile	250.000	267.294	-6.9	103	0.00
16 T	Acetone	250.000	317.659	-27.1#	120	0.00
17 T	Carbon Disulfide	50.000	47.298	5.4	95	0.00
18 T	Methyl Acetate	50.000	54.493	-9.0	105	0.00
19 T	Methyl tert-butyl Ether	50.000	49.603	0.8	99	0.00
20 T	Methylene Chloride	50.000	49.497	1.0	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.108	1.8	98	0.00
22 T	Diisopropyl ether	50.000	50.906	-1.8	101	0.00
23 T	Vinyl Acetate	250.000	256.377	-2.6	100	0.00
24 P	1,1-Dichloroethane	50.000	49.558	0.9	99	0.00
25 T	2-Butanone	250.000	280.313	-12.1	108	0.00
26 T	2,2-Dichloropropane	50.000	51.136	-2.3	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.401	1.2	98	0.00
28 T	Bromochloromethane	50.000	47.506	5.0	93	0.00
29 T	Tetrahydrofuran	250.000	260.920	-4.4	102	0.00
30 C	Chloroform	50.000	50.166	-0.3#	99	0.00
31 T	Cyclohexane	50.000	46.856	6.3	98	0.00
32 T	1,1,1-Trichloroethane	50.000	49.777	0.4	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.215	9.6	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.898	4.2	96	0.00
36 T	1,1-Dichloropropene	50.000	50.831	-1.7	98	0.00
37 T	Ethyl Acetate	50.000	52.906	-5.8	103	0.00
38 T	Carbon Tetrachloride	50.000	52.962	-5.9	97	0.00
39 T	Methylcyclohexane	50.000	52.323	-4.6	99	0.00
40 TM	Benzene	50.000	50.829	-1.7	98	0.00
41 T	Methacrylonitrile	50.000	58.697	-17.4	109	0.00
42 TM	1,2-Dichloroethane	50.000	51.689	-3.4	99	0.00
43 T	Isopropyl Acetate	50.000	52.929	-5.9	101	0.00
44 TM	Trichloroethene	50.000	50.903	-1.8	100	0.00
45 C	1,2-Dichloropropane	50.000	51.387	-2.8#	100	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.553	-7.1	100	0.00
47 T	Bromodichloromethane	50.000	52.138	-4.3	98	0.00
48 T	Methyl methacrylate	50.000	53.639	-7.3	100	0.00
49 T	1,4-Dioxane	1000.000	1087.743	-8.8	106	0.00
50 S	Toluene-d8	50.000	46.532	6.9	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.770	-10.3	103	0.00
52 CM	Toluene	50.000	51.400	-2.8#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	52.670	-5.3	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.054	-4.1	98	0.00
55 T	1,1,2-Trichloroethane	50.000	52.166	-4.3	98	0.00
56 T	Ethyl methacrylate	50.000	54.929	-9.9	99	0.00
57 T	1,3-Dichloropropane	50.000	52.060	-4.1	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.624	1.8	104	0.00
59 T	2-Hexanone	250.000	284.227	-13.7	105	0.00
60 T	Dibromochloromethane	50.000	53.721	-7.4	100	0.00
61 T	1,2-Dibromoethane	50.000	52.067	-4.1	99	0.00
62 S	4-Bromofluorobenzene	50.000	46.176	7.6	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	53.495	-7.0	104	0.00
65 PM	Chlorobenzene	50.000	50.461	-0.9	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.250	-2.5	99	0.00
67 C	Ethyl Benzene	50.000	51.182	-2.4#	99	0.00
68 T	m/p-Xylenes	100.000	103.929	-3.9	100	0.00
69 T	o-Xylene	50.000	51.374	-2.7	99	0.00
70 T	Styrene	50.000	52.981	-6.0	98	0.00
71 P	Bromoform	50.000	53.038	-6.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.702	-1.4	99	0.00
74 T	N-amyl acetate	50.000	52.494	-5.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.366	-2.7	99	0.00
76 T	1,2,3-Trichloropropane	50.000	50.376	-0.8	100	0.00
77 T	Bromobenzene	50.000	50.051	-0.1	99	0.00
78 T	n-propylbenzene	50.000	51.694	-3.4	98	0.00
79 T	2-Chlorotoluene	50.000	51.391	-2.8	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.918	-3.8	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.739	-1.5	98	0.00
82 T	4-Chlorotoluene	50.000	51.143	-2.3	98	0.00
83 T	tert-Butylbenzene	50.000	51.452	-2.9	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.098	-6.2	101	0.00
85 T	sec-Butylbenzene	50.000	51.714	-3.4	98	0.00
86 T	p-Isopropyltoluene	50.000	52.538	-5.1	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.904	-1.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.193	-0.4	98	0.00
89 T	n-Butylbenzene	50.000	52.417	-4.8	98	0.00

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90 T	Hexachloroethane	50.000	49.076	1.8	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.169	-2.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.758	-5.5	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.231	-4.5	95	0.00
94 T	Hexachlorobutadiene	50.000	49.770	0.5	95	0.00
95 T	Naphthalene	50.000	52.001	-4.0	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.060	-4.1	96	0.00

(#) = Out of Range

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