$$m_{(fltr)Hg} = \frac{\left[C_{(fltr)Hg} DF\, V_{f(fltr)}\right]}{S} - \frac{\left[C_{(fltr\ blk)Hg} DF_{blk}\, V_{f(blk)}\right]}{S_{blk}} \qquad \text{Eq. 101A-2}$$