Figure 7. Average hydrodynamic diameters ($d_{H}$) of montmorillonite (8 mg/L) + chitin (4.8 mg/L) suspensions in constantly stirred solutions were measured as a function of time after mixing with ASW using dynamic light spectroscopy (DLS). The pH was circumneutral. The results show a lack of aggregation in the zero salinity suspension. In addition, very little time-dependent aggregation was detected in suspensions with elevated salinity (i.e., $S = 1.8$ and 3.6 psu). At the highest salinity value investigated ($S = 7.2$ psu), the colloidal particles gradually aggregated during the ~60 minutes following the ASW mixing.