### Accepted Manuscript

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PII: S0021-9797(17)31000-7

DOI: http://dx.doi.org/10.1016/j.jcis.2017.08.085

Reference: YJCIS 22732

To appear in: Journal of Colloid and Interface Science

Received Date: 17 June 2017 Accepted Date: 25 August 2017



Please cite this article as: C.M. Harris, S.G. Miller, K. Andresen, L.B. Thompson, Quantitative measurement of sodium polystyrene sulfonate adsorption onto CTAB capped gold nanoparticles reveals hard and soft coronas, *Journal of Colloid and Interface Science* (2017), doi: http://dx.doi.org/10.1016/j.jcis.2017.08.085

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### **ACCEPTED MANUSCRIPT**

# Quantitative measurement of sodium polystyrene sulfonate adsorption onto CTAB capped gold nanoparticles reveals hard and soft coronas

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