Electronic Supplementary Information

Determination of Mercury (II) in water at sub-nanomolar levels by Laser Ablation – ICPMS analysis of screen printed electrodes used as portable voltammetric preconcentration system

Zuriñe Abrego,^a Nora Unceta,^a Alicia Sánchez,^b Alberto Gómez-Caballero,^a Luis Maria Berrio-Ochoa,^c M. Aranzazu Goicolea,^a Ramón J. Barrio^{*,a}

^a Department of Analytical Chemistry, Faculty of Pharmacy, University of the Basque Country, UPV/EHU, 01006 Vitoria-Gasteiz, Spain

^c Departament of Graphic Design and Engineering Projects, EUI, University of the Basque Country, UPV/EHU, 01006 Vitoria-Gasteiz, Spain

^bAlava Central Service of Analysis, SGIker, Lascaray Research Center, University of the Basque

Country, UPV/EHU, Vitoria-Gasteiz, Spain

*Corresponding author. Tel: +34945013055, fax: +34945014351

E-mail address: r.barrio@ehu.es





Figure S1. Transport device of the SPGE to the laboratory, based on a plastic vial with a fitting cap

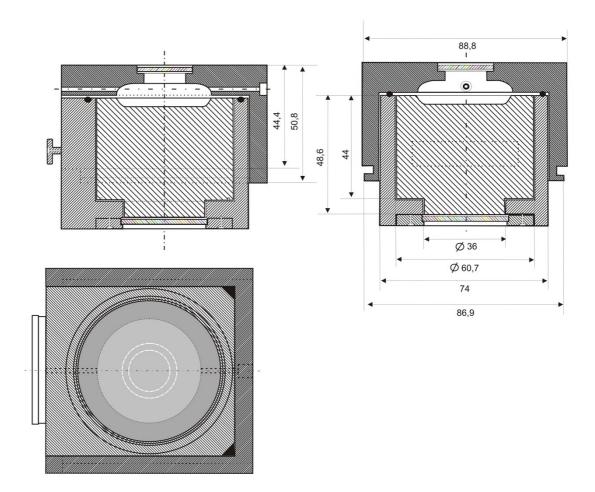


Figure S2. Details concerning ablation sample chamber construction and its dimensions.