## Development and comparative investigation of Ag-sensitive layer based SAW and QCM sensors for mercury sensing applications

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## **Supporting Information**



Figure S1: Effect of operating temperature on a) SAW and b) QCM sensors' oscillation frequency.



**Figure S2:** Normalized response of the SAW sensor toward  $Hg^0$  vapour (365 ppb<sub>v</sub>) when an exposure time of 1 hour and 12 hours was utilized followed by 1 hour and 12 hours recovery (N<sub>2</sub> purging), respectively.