

Liquid phase adsorption isotherm of nonyl phenol on activated carbon

ABSTRACT

In this work, the excess adsorption isotherm of nonyl phenol was measured by a combination of conventional techniques but analysed by using Langmuirian-type monolayer adsorption theory. The results showed that the excess isotherm obeyed the Langmuirian type monolayer theory and the individual equilibrium adsorption is well represented by Langmuirian type of adsorption.