



Adsorption of Aromatic Sulfur Compounds on Metalorganic Frameworks

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LAP Lambert Academic Publishing Jul 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - Large-ring aromatic sulfur compounds, e.g., benzothiophene (BT), dibenzothiophene (DBT), present in petroleum and liquid fuels are harmful to human health and the environment. These compounds cause acid rain due to SO₂ formation upon combustion of liquid fossil fuels. We studied the use of Metal Organic Frameworks (MOFs), e.g., Cu-MOF Basolite C300, to remove aromatic sulfur compounds from model liquid fossil fuels in a selective way and in a non-destructive fashion. 68 pp. Englisch.



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