

MONOALKYLATED AROMATIC COMPOUND PRODUCTION

Abstract

A process for producing a monoalkylated aromatic compound in an alkylation reaction zone, said process comprising the steps of: (a) providing said alkylation reaction zone with an alkylatable aromatic compound, an alkylating agent, and a catalytic particulate material; and (b) contacting said alkylatable aromatic compound and said alkylating agent with said catalytic particulate material in said alkylation reaction zone maintained under alkylation conditions, to form a product comprised of said monoalkylated aromatic compound and polyalkylated aromatic compound(s), wherein majority of said catalytic particulate material has a surface area over volume ratio of greater than about 79 cm^{-1} .