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(Standard Operation Procedure)

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pH 3

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250mL

n- :

(10:1)60mL

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가 2

1.0 L

/ (Gas Chromatography/Mass Spectro -meter, GC/MS)

: Tetrachloroethylene, Ethyl Benzene, Toluene, m, p-xylene, Styrene, Isopropyl Benzene, n-butyl benzene, 1,3,5-Trimethyl Benzene, sec-Butyl Benzene, 1,2,4-Trimethyl Benzene, tert-butyl benzene, 2-Chlorotoluene, 4-Chlorotoluene, 1,2,4-trichlorobenzene, Bromobenzene, Naphtalene, p-Isopropyl toluene.

: Ethyl Benzene, Isopropyl Benzene, Phenol, Isopropyl benzene hydroperoxide

GC/MS

2

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(O<sub>2</sub>)

tertiary isopropyl benzyl

(Free Radical Chain Reaction)

pH<3

intra molecular

2 , 3

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2

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1. 가

2. 2, 3 , 가

3. HIEM

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