Atomatic Compounds

1. Benzene





OR JOR C6H6 OF [





OR CoHs -> Phenyl grout



OR (6H5-(Hz+) Brenzy-1 group



OR CGHS CH Benzal group

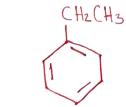


JOR CGHS-C- BPMZO group

TUPAL

Common

Methyl Benzene Toluene



Ethyl Benzene

(H3 IUPAC Isobroby 1 Benzene Chubus 2-Phony 1 Propane CH3 CH3 1,2-Dimethy-1 Benzene O-Xylene CH3 1,3-Dimethyl Benzene m-Xylene CH3 1,4-Dimethyl Benzene P-Xylene CH3 NOTE-The above compounds are known as Aromatic Hydrocarbons i.e ARENES. Flyoro Benzene Chiloro Benzene

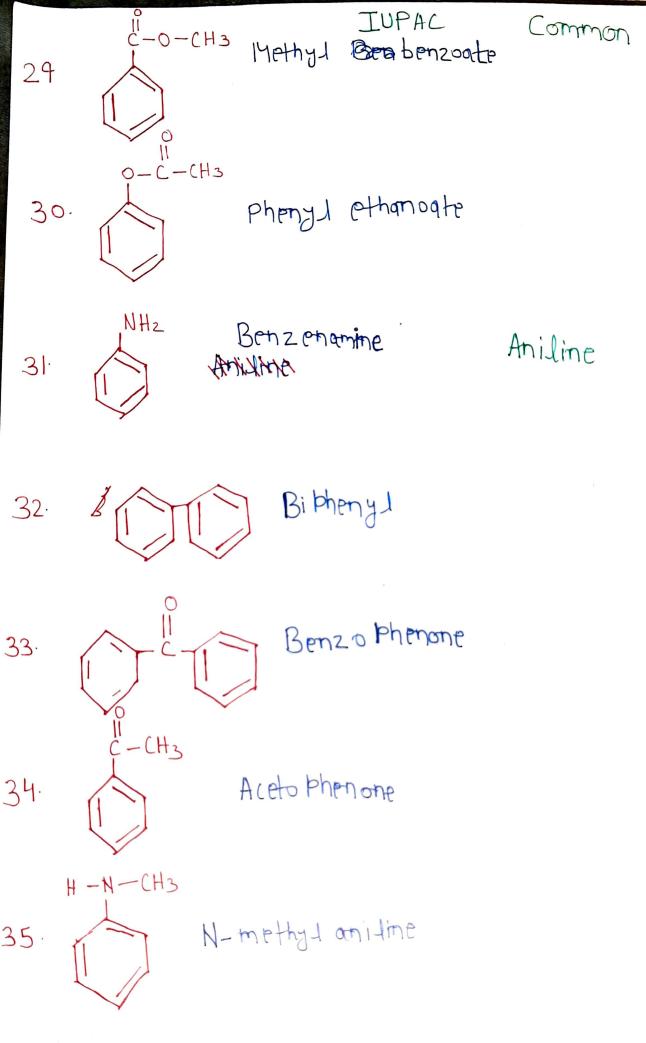
Common IUPAC 0. Bromo Benzene 11. Iodo Benzene CH2-F Benzyl Flyoride 12. CH2-Br Benzyl Bromide 13 CH2-I Benzyl Iodide 14. CH2-CL Benzyl chloride 15.

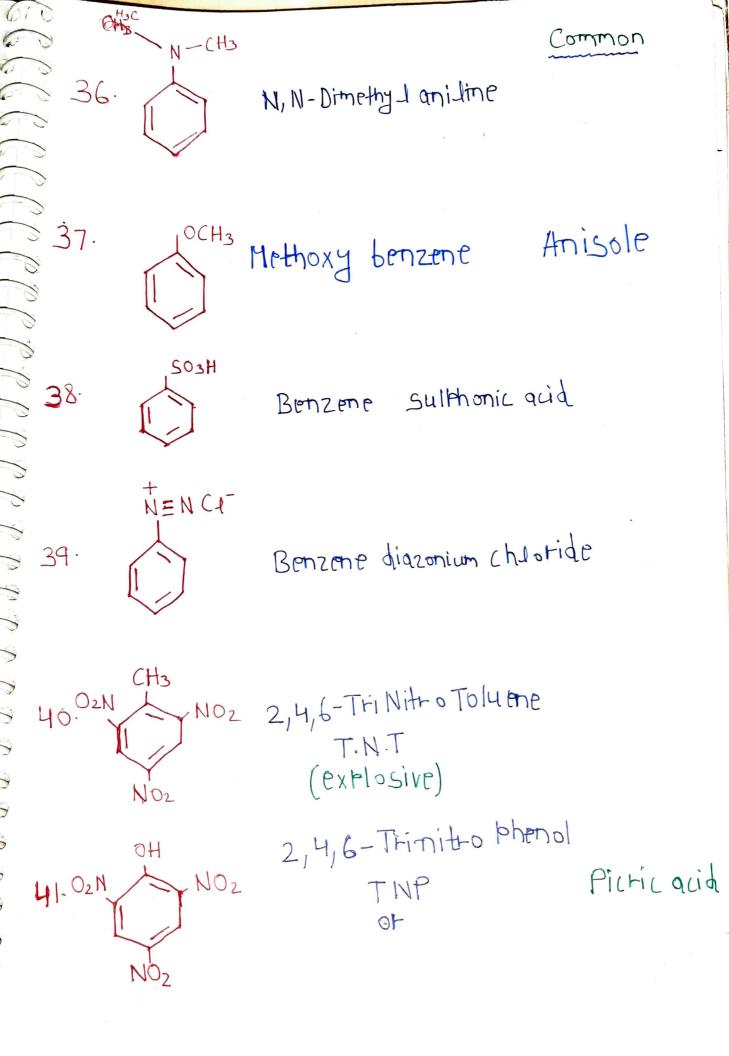
Phenol TOH Benzene-1,2-dioil Catechol Benzene-1,3-diol Resorctnol Hydroquinone Benzene-1,4-diol OH CH3 2- Methys Phenol O-Cresol

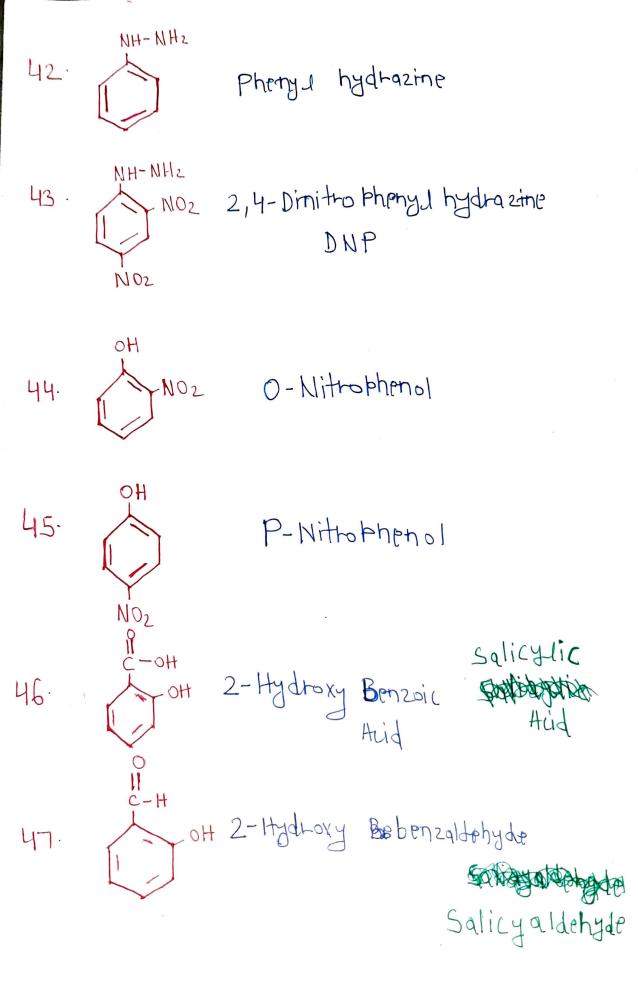
3-Methyd Phenol m- Crosol 22. CH3 P- Chesol 23. 4- Methyl Phonol (H3 CHO 24. Benzaldehyde -0H 25. Benzoic acid -NH2 Benz amide 26-C-(+ Benzoyl Chloride

28:

Nitro benzene







C-OH

O

C-CH3

Salicylic Aspirin

Aspirin N-Phony 1 ethanamide Acetanilide