

## Lab 2b Data Sheet

Name \_\_\_\_\_

Section \_\_\_\_\_

Date \_\_\_\_\_

Section A performed by:

Section B performed by:

Section C performed by:

If a compound is soluble in a given solvent, mark the box with an "S". If it is not soluble and it is a liquid, mark the box with an "I" and indicate whether the density is greater than water ( $d > 1$ ) or less than water ( $d < 1$ ). If a solid is soluble only in the hot solvent, mark the box with "S - hot".

### Section A -- Water Solubility

Compound	Soluble/Insoluble	Density (for insoluble only)
acetone		
diethyl ether		
methanol		
calcium chloride		
benzoic acid		
fluorene		
glucose		

Section B -- Diethyl Ether Solubility

Compound	Soluble/Insoluble	Density (for insoluble only)
acetone		
water		
methanol		
calcium chloride		
benzoic acid		
fluorene		
glucose		

Section C -- Hexane Solubility

Compound	Soluble/Insoluble	Density (for insoluble only)
acetone		
diethyl ether		
water		
methanol		
calcium chloride		
benzoic acid		
fluorene		
glucose		