



Application Note

U-PP-EPA METHOD 8061A

Field	Environmental
Sample	EPA Method 8061A Analytes
Matrix	Aqueous
Extraction Disk	BAKERBOND Speedisk™ C18 Extraction Disk, Product Number 8055-06
Safety and Protective Equipment	Goggles and face shield, lab coat and apron, proper gloves, vent hood, Type B fire extinguisher.
Sample Preparation	To a 1 L sample (pH 7), methanol (2–5 mL) may be added to obtain a more homogeneous sample. Mix well.
Extraction Disk Conditioning	Assemble a Speedisk™ extraction station. (Other types of vacuum stations can also be used.) Mount disk on vacuum port. Wash the disk with 10 mL of hexane. Let soak 1 minute and pull through. Continue to pull air through for 1 minute. Add 2 × 10 mL of methanol to the disk. Pull through only a small amount of methanol and stop the vacuum. Let the disk soak for 1 minute. Pull through most of the remaining methanol, leaving 3–5 mm of methanol above the surface of the disk. From this point to the end of the sample addition, do not allow the disk to run dry. Repeat using 10 mL of organic-free water.
Sample Addition	Add the water sample under full vacuum. Dry the disk by maintaining full vacuum (about 25" Hg) for about 5 minutes.
Sample Elution	Remove the BAKERBOND Speedisk™ extraction disk from the extraction station and insert a suitable collection vial.
Drying And Concentrating The Eluate	Dry the combined eluates, which are in the collection vial, by passing them through anhydrous sodium sulfate. (Additional anhydrous sodium sulfate may be used if the extract is still cloudy.) Rinse the collection tube and the sodium sulfate with hexane. Combine the extract and washings and concentrate to 1 mL under nitrogen gas. Note: Do not concentrate below 0.5 mL
Final Analytical Method	GC/ECD (Refer to SW-846, EPA Method 8061A.)

Product List

Product Number	Description
8055-06	BAKERBOND Speedisk™ C18 Extraction Disk
9262	Hexanes, ULTRA RESI-ANALYZED™
9255	Acetonitrile, ULTRA RESI-ANALYZED™
9263	Methanol, ULTRA RESI-ANALYZED™
4219	Water, ULTRA RESI-ANALYZED™
3375	Sodium Sulfate, Anhydrous, Granular, ULTRA RESI-ANALYZED™ Reagent



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