

Success Using Alternate Carrier Gases for Volatile Methods

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This presentation demonstrates the success of using alternate carrier gases for volatile methods such as 524.2, 624 and 8260. Traditionally, these are performed using helium as the purge and gas chromatography (GC) carrier gas. However, due to its increasing cost and suggested limited supply, alternate carrier gases, such as hydrogen and nitrogen, are being considered. The goal of this research was to investigate the use of alternate carrier gases while meeting US EPA method criteria for each method.

By joining this presentation, the attendees will learn how to meet all criteria associate with these volatile methods using hydrogen and nitrogen as carrier gases, and why nitrogen may be the best choice.