

Application Note

Nonylphenol in Tap Water (Endocrine Disruptors)

Waters Corporation



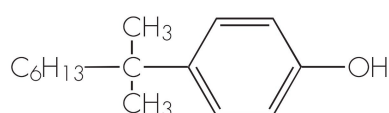
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of nonylphenol in tap water using Oasis SPE method.

Introduction

Nonylphenol are studied in this application brief.



NONYLPHENOL

Experimental

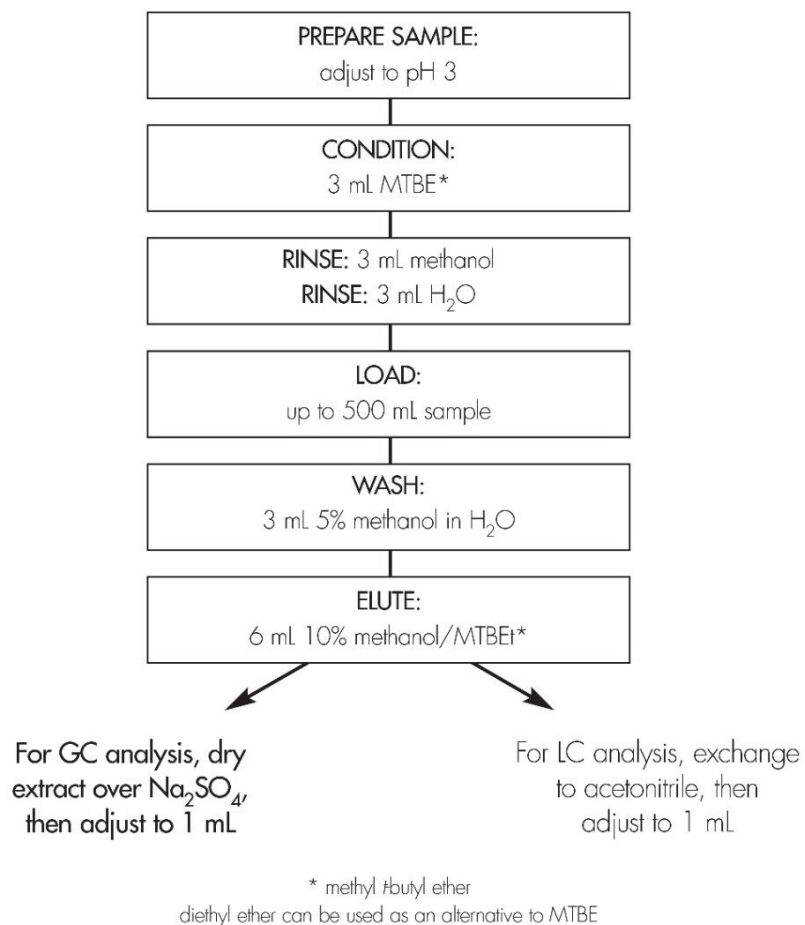
GC Method

Column:	J&W DB-5 capillary, 30 meters, 0.25 mm ID, 0.25 μ m film thickness
Carrier gas:	Helium @ 30 cm/sec
Temp. program:	50 °C initial, 30 °C/min to 120 °C then 8°/min to 280°
Injection volume:	2 μ L
Detection:	NPD

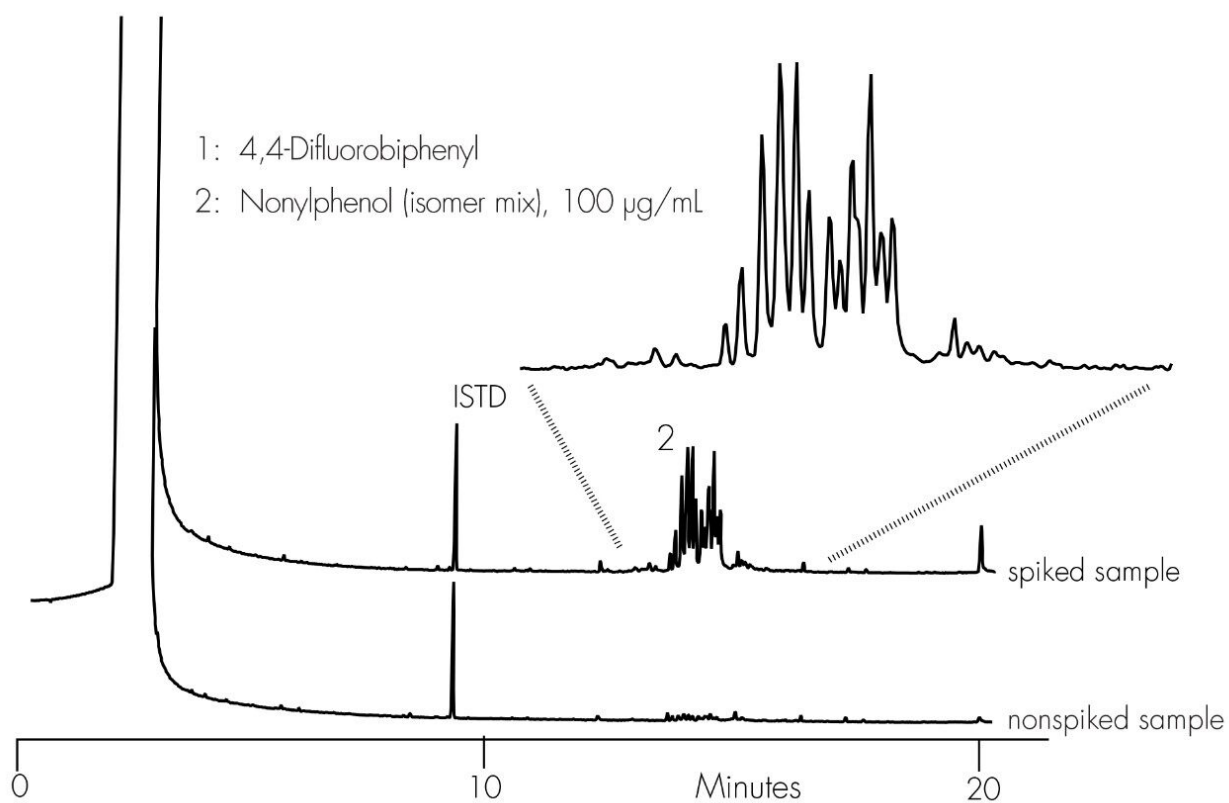
OASIS® SPE METHOD FOR ENDOCRINE DISRUPTORS

Conditions for Oasis® HLB Cartridge, 6 cc/200 mg

Part Number WAT106202



Results and Discussion



Spike level = 100 µg/L

n = 5

Recovery = 84.3%

RSD = 9.0%

Featured Products

WA61764.110, June 2003

