

with the rest of measured air pollutants, indicating that it probably had its origin in a different source. Hazard quotient value (HQ) for benzene exceed unity, so it is possible to conclude that the population of Tijuana is exposed to a definitive risk of suffering cancer in their lifetime due to inhalation exposure to benzene. Therefore, it is necessary to strengthen existing environmental policies, promote the establishment of a national standard that regulates BTEX levels in ambient air, as well as to improve the quality of fuels, subsequently promoting the usage of alternative energy sources and especially improved control of area source emissions.

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