بسمه تعالی

**فرم چکیده سخنرانی ژورنال کلاب دانشجویان دکترا ورودی**

دانشکده بهداشت – گروه مهندسی بهداشت محیط

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| **نام و نام خانوادگی دانشجو : فرامرز عظیمی شماره دانشجویی: 9321150005**    **استاد راهنمای آموزشی: دکتر رامین نبی زاده عکس دانشجو:**  **D:\New folder\bactri.Data\سامان عظیمی\arshad\New folder (2)\phd\axs.jpgتاریخ: 30/03/1396 ساعت: 10 صبح** |
| **عنوان مقاله :**  **Seasonal and diurnal variations of BTEX compounds in the semi-urban**  **environment of Orleans, France** |
| **چکیده:**  Atmospheric concentrations of BTEX (benzene, toluene, ethylbenzene and xylene) were measured at a semi-urban site in Orleans, France, from October 2010 to August 2011. Air samples were collected by multi-bedadsorbent tubes. The BTEX concentrations were determined by thermal desorption–gas chromatography–massspectrometry detector (TD–GC–MSD) technique. The average concentrations of the total measured BTEX during spring, summer, autumn and winter were 724.2, 337.4, 682.3, 823.0 ppt, respectively. Maximal values for their diurnal variations usually happened during rush hours in the morning and late afternoon, and the minimal values in the daytime usually happened in around noontime. The diurnal variation of BTEX in four seasons and the correlations between BTEX and NO indicated that vehicular exhaust might be the primary source of BTEX. Benzene was found in relatively high levels and the B/T ratio was signiﬁcant high in spring, indicating an irregular emission source of benzene other than trafﬁc-related emissions. |