This system is for determining non-aromatic impurities in aromatics as described in below compound table. It requires the use of a dedicated gas chromatographic system which is configured with an automatic liquid injector.

**Analyzer Information**

**System Configuration:**
One SPL injector / one capillary column / one FID detector

**Sample Information:**
C7 and higher boiling aromatics, or benzene and toluene in specific sample types

**Methods met:**
UOP-543

**Concentration Range:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Compound</th>
<th>Concentration Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Non-aromatics</td>
<td>1 ppm - 10,000 ppm</td>
</tr>
<tr>
<td>2</td>
<td>Benzene</td>
<td>1 ppm - 10,000 ppm</td>
</tr>
<tr>
<td>3</td>
<td>Toluene</td>
<td>1 ppm - 10,000 ppm</td>
</tr>
</tbody>
</table>

Detection limits may vary depending on the sample. Please contact us for more consultation.

**System Features**

- Single FID channel
- Good repeatability

**Typical Chromatograms**

![Chromatogram of FID](image-url)