System Gas Chromatograph

Volatile Organic Compounds in Atmospheric Air Analysis System

Nexis GC-2030VOC
GC-2014VOC

This GC is designed to measure volatile organic compounds in atmospheric air. One valve and one column is used to create this GC system. The sample is separated by a DB-1 column and is detected by FID. LabSolutions chromatography software handles all aspects of GC control, automation, and data handling.

Analyzer Information

System Configuration:
One valve / one capillary column with one FID detector

Sample Information:
Vinylchloride, 1,2-Dichloroethane, Benzene, Ethylene oxide

Concentration Range:

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Compound</th>
<th>Concentration Range</th>
<th>Detector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Low Conc.</td>
<td>High Conc.</td>
</tr>
<tr>
<td>1</td>
<td>Vinylchloride</td>
<td>5ppm</td>
<td>100ppm</td>
</tr>
<tr>
<td>2</td>
<td>1,2-Dichloroethane</td>
<td>5ppm</td>
<td>100ppm</td>
</tr>
<tr>
<td>3</td>
<td>Benzene</td>
<td>5ppm</td>
<td>100ppm</td>
</tr>
<tr>
<td>4</td>
<td>Ethylene oxide</td>
<td>5ppm</td>
<td>100ppm</td>
</tr>
</tbody>
</table>

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

System Features

- 11 minutes analysis for all composition analysis can be carried out
- One FID channel
- Good repeatability

Typical Chromatograms

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