

## 2. Trial inspection analytical results

Details on the conduct of the trial inspection and the basic methodology applied are reported in two other working documents, and will not be repeated here. Only the analytical data are set out in the following section.

### 2.1. Selection of measurement points

The measurement points selected after plant design analysis and visual inspection of the plant are illustrated in figure 8, in a simplified way. The following points were selected:

1. Ambient air samples taken outside the factory building using an air filtration system connected to the instrument.

Justification: Rapid environmental analysis, establishment of the analytical baseline for other tests.

2. As under 1, without air filtration.

Justification: Rapid environmental analysis, detection of prohibited chemicals and actual production.

3. Air samples taken inside the factory building.

Justification: Detection of prohibited chemicals as well as pesticides produced in the plant, indication of air tightness of the equipment installed.

4. Air samples taken very close to the inner wall surface of the building.

Justification: Exploitation of memory effects for the detection of previous activities.

5. Sniff-test from joints connecting to reaction vessels

Justification: As under 4

6. Wipe-samples taken from reactor surfaces

Justification: Detection of residue concentrations of chemicals at levels to be expected after cleaning or decontamination of surfaces, detection of residues of decontaminants.

7. Dust sample taken from the ground inside the factory building

Justification: As under 4