

## **PASSIVE SOIL GAS SURVEYS - Target Compounds**

Beacon Environmental can analyse over [180 target compounds](#), however a typical survey will target a group of six to 40 'Routine Compounds' as listed below. Additional compounds can be analysed on request.

### **Routine Compounds**

<b>Total Petroleum Hydrocarbons (TPH)</b>	<b>1,2-Dibromoethane (EDB)</b>
<b>Vinyl Chloride</b>	<b>Tetrachloroethene (PCE)</b>
<b>Trichlorofluoromethane (Freon 11)</b>	<b>1,1,1,2-Tetrachloroethane</b>
<b>1,1-Dichloroethene</b>	<b>Chlorobenzene</b>
<b>Methylene Chloride</b>	<b>Ethylbenzene</b>
<b>1,1,2-Trichlorotrifluoroethane (Freon 113)</b>	<b>p &amp; m-Xylene</b>
<b>trans-1,2-Dichloroethene</b>	<b>1,1,2,2-Tetrachloroethane</b>
<b>Methyl-t-butyl ether (MTBE)</b>	<b>o-Xylene</b>
<b>1,1-Dichloroethane</b>	<b>1,2,3-Trichloropropane</b>
<b>cis-1,2-Dichloroethene</b>	<b>Isopropylbenzene</b>
<b>Chloroform</b>	<b>1,3,5-Trimethylbenzene\</b>
<b>1,2-Dichloroethane</b>	<b>1,2,4-Trimethylbenzene</b>
<b>1,1,1-Trichloroethane</b>	<b>1,3-Dichlorobenzene</b>
<b>Carbon Tetrachloride</b>	<b>1,4-Dichlorobenzene</b>
<b>Benzene</b>	<b>1,2-Dichlorobenzene</b>
<b>Trichloroethene (TCE)</b>	<b>1,2,4-Trichlorobenzene</b>
<b>1,4-Dioxane</b>	<b>Naphthalene</b>
<b>1,1,2-Trichloroethane</b>	<b>1,2,3-Trichlorobenzene</b>
<b>Toluene</b>	<b>2-Methylnaphthalene</b>