A Big Earth Data Platform for Three Poles

**Spatial distribution of POPs in the Qilian region (2018)**

1、Description

This data set includes the concentration and distribution data of main persistent organic pollutants in environmental media of Qilian Mountains. Samples were collected from the Qilian Mountains and its surrounding areas in May 2018. The samples were prepared by Soxhlet extraction purification concentration and determined by gas chromatography ion trap mass spectrometry. The target compounds include organochlorine pesticides, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, etc. Mirex and pcb-30 were added as recovery markers during sample pretreatment. PCNB and PCB-209 are the internal standards for sample testing. The recoveries of the samples are generally between 60% and 101%.

2、Keywords

Theme：Contaminants,Environment Pollution and Control
Discipline：Human-nature Relationship
Places：Qilian Mountains
Time：2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.1MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：97.0 | - | east：103.0 |
| - | south：36.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Xiaoping. Spatial distribution of POPs in the Qilian region (2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Socioeco.tpdc.2711272020

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: WANG Xiaoping
unit: Institute of Tibetan Plateau Research,Chinese Academy of Sciences
email: wangxp@itpcas.ac.cn

name: GONG Ping
unit:
email: gongping@itpcas.ac.cn