|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Homocysteine (mg/dL)** | | **Fibrinogen (mg/dL)** | | **WBC count (SI)** | |
| **Urinary PAH metabolite** | **Correlation Coefficient** | **95% Confidence**  **Interval** | **Correlation Coefficient** | **95% Confidence**  **Interval** | **Correlation Coefficient** | **95% Confidence**  **Interval** |
| **Current Smokers** | | | | | | |
| **1-Hydroxynaphthalene** | 0.256 | 0.184 - 0.324 | 0.144 | 0.001 - 0.281 | 0.118 | 0.044 - 0.191 |
| **2-Hydroxynaphthalene** | 0.233 | 0.161 - 0.302 | 0.129 | -0.014 - 0.267 | 0.115 | 0.040 - 0.188 |
| **2-Hydroxyfluorene** | 0.252 | 0.180 - 0.321 | 0.054 | -0.090 - 0.195 | 0.108 | 0.033 - 0.181 |
| **3-Hydroxyfluorene** | 0.238 | 0.166 - 0.308 | 0.087 | -0.057 - 0.227 | 0.109 | 0.034 - 0.183 |
| **9-Hydroxyfluorenea** | 0.259 | 0.157 - 0.355 | --- b | --- b | 0.024 | -0.082 - 0.130 |
| **1-Hydroxyphenanthrene** | 0.142 | 0.068 - 0.215 | 0.032 | -0.112 - 0.175 | 0.029 | -0.046 - 0.104 |
| **2-Hydroxyphenanthrene** | 0.189 | 0.115 - 0.260 | -0.014 | -0.157 - 0.130 | 0.040 | -0.035 - 0.115 |
| **3-Hydroxyphenanthrene** | 0.196 | 0.122 - 0.268 | -0.034 | -0.176 - 0.110 | 0.061 | -0.015- 0.136 |
| **4-Hydroxyphenanthrenea** | 0.218 | 0.113 - 0.317 | --- b | --- b | 0.090 | -0.017 - 0.195 |
| **1-Hydroxypyrene** | 0.133 | 0.058 - 0.206 | 0.002 | -0.141 - 0.145 | 0.041 | -0.034 - 0.116 |
| **Current Nonsmokers** | | | | | | |
| **1-Hydroxynaphthalene** | 0.143 | 0.103 - 0.182 | -0.019 | -0.089 - 0.050 | -0.009 | -0.049 - 0.032 |
| **2-Hydroxynaphthalene** | -0.053 | -0.094 - -0.013 | -0.015 | -0.084 - 0.054 | 0.065 | 0.024 - 0.105 |
| **2-Hydroxyfluorene** | 0.040 | -0.001 - 0.081 | -0.028 | -0.098 - 0.041 | 0.003 | -0.038 - 0.044 |
| **3-Hydroxyfluorene** | 0.044 | 0.003 - 0.085 | -0.048 | -0.117 - 0.021 | -0.036 | -0.077 - 0.005 |
| **9-Hydroxyfluorenea** | 0.031 | -0.030 - 0.090 | --- b | --- b | 0.061 | 0.001 - 0.120 |
| **1-Hydroxyphenanthrene** | 0.007 | -0.034 - 0.048 | -0.049 | -0.118 - 0.020 | 0.057 | 0.016 - 0.098 |
| **2-Hydroxyphenanthrene** | 0.006 | -0.035 - 0.047 | 0.023 | -0.046 - 0.092 | 0.076 | 0.035 - 0.117 |
| **3-Hydroxyphenanthrene** | 0.089 | 0.048 - 0.130 | -0.026 | -0.095 - 0.044 | -0.019 | -0.060 - 0.023 |
| **4-Hydroxyphenanthrenea** | -0.024 | -0.084 - 0.037 | --- b | --- b | 0.063 | 0.002 - 0.123 |
| **1-Hydroxypyrene** | -0.077 | -0.118 - -0.036 | -0.061 | -0.130 - 0.008 | 0.045 | 0.005- 0.086 |

a – PAH metabolites were not available for the 2001-2002 survey cycle.

b – Sample size due to inflammatory marker availability for subjects aged 20 years and older from NHANES 2001-2004.