Table 3.Target polycyclic aromatic hydrocarbons (PAHs) measured in COMIDA samples, including number of rings and method detection limit values (MDL). (\*) denotes PAHs that have been detected in COMIDA09/10 sediments.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PAH Targets | # of  rings | MDL  (ng/g dry wt.) | PAH targets (continued) | # of  rings | MDL  (ng/g dry wt.) |
| Naphthalene\* | 2 | 1.12 | Fluoranthene\* | 4 | 0.22 |
| 2-Methylnapthalene\* | 2 | 0.57 | Pyrene\* | 4 | 0.20 |
| 1-Methylnapthalene\* | 2 | 0.28 | Benzo(a)fluorene | 4 | 0.03 |
| Biphenyl\* | 2 | 0.18 | Retene\* | 4 | 0.15 |
| 2,7-Dimethylnapthalene\* | 2 | 0.07 | Benzo(b)fluorine\* | 4 | 0.02 |
| 1,3-Dimethylnapthalene\* | 2 | 0.08 | Cyclopenta(c,d)pyrene | 4 | 0.02 |
| 1,6-Dimethylnapthalene\* | 2 | 0.09 | Benz(a)anthracene\* | 4 | 0.03 |
| 1,4-Dimethylnapthalene\* | 2 | 0.04 | Chrysene+Triphenylene | 4 | 0.03 |
| 1,5-Dimethylnapthalene\* | 2 | 0.03 | Napthacene\* | 4 | 0.08 |
| Acenapthylene | 2 | 0.02 | 4-Methylchrysene\* | 4 | 0.02 |
| 1,2-Dimethylnapthalene | 2 | 0.02 | Benzo(b)fluoranthene | 4 | 0.04 |
| 1,8-Dimethylnapthalene | 2 | 0.39 | Benzo(k)fluoranthene | 4 | 0.02 |
| Acenapthene | 2 | 0.11 | Dimethylbenz(a)anthracene | 4 | 0.03 |
| 2,3,5-Trimethylnapthalene\* | 2 | 0.03 | Benzo(e)pyrene | 5 | 0.04 |
| Fluorene | 2 | 0.11 | Benzo(a)pyrene\* | 5 | 0.08 |
| 1-Methylfluorene\* | 2 | 0.05 | Perylene\* | 5 | 0.06 |
| Dibenzothiophene\* | 3 | 0.04 | 3-Methylchloanthrene | 5 | 0.08 |
| Phenanthrene\* | 3 | 0.62 | Indeno(1,2,3-c,d)pyrene | 5 | 0.01 |
| Anthracene | 3 | 0.03 | Dibenz(a,h+ac)anthracene | 5 | 0.02 |
| 2-Methyldibenzothiophene\* | 3 | 0.09 | Benzo(g,h,i)perylene\* | 6 | 0.02 |
| 4-Methyldibenzothiophene\* | 3 | 0.04 | Anthanthrene | 6 | 0.01 |
| 2-Methylphenanthrene\* | 3 | 0.15 | Corenene | 7 | 0.00 |
| 2-Methylanthracene\* | 3 | 0.03 |  |  |  |
| 4,5-Methylenephenanthrene | 3 | 0.04 | Internal standards: |  |  |
| 1-Methylanthracene\* | 3 | 0.04 | Acenaphthene-d10 | 3 |  |
| 1-Methylphenanthrene\* | 3 | 0.13 | Phenanthrene-d10 | 3 |  |
| 9-Methylanthracene | 3 | 0.03 | Benz(a)anthracene-d12 | 4 |  |
| 3,6-dimethylphenanthrene\* | 3 | 0.10 | Benzo(a)pyrene-d12 | 5 |  |
| 9,10-Dimethylanthracene\* | 3 | 0.16 | Benzo(g,h,i)perylene-d12 | 6 |  |