ABBREVIATIONS

NHA  nitrogen-heterocyclic aromatics
PANH polyaromatic nitrogen heterocycles
NPAC nitrogen polycyclic aromatic compound
PAH polyaromatic hydrocarbon(s)
NSO  nitrogen-sulphur-oxygen
ASW  artificial seawater
TLC  thin layer chromatography
HQ   hydroxyquinoline
UV   ultra-violet
GC   gas chromatography
IR   infra-red
INT  2-(4-iodophenyl) –3-(4-nitrophenyl)-5 phenyl – 2H – tetrazonium chloride
PMS  phenazine methosulphate
NTG  N-methyl,N’-nitro, N-nitrosoguanidine
LTS  long termed starved (cells)
STS  short termed starved (cells)
BHCO Bombay High crude oil
\( \varepsilon \)  absorption (extinction coefficient)
\( V_{\text{max}} \) maximum velocity
\( \lambda_{\text{max}} \) wavelength of maximum light absorbance
\( q \) specific quinoline conversion rate
ppt  parts per thousand
ppm  parts per million
rpm  revolutions per minute
\( g \) gram(s)
\( mg \) milligram(s)
\( m \) metre(s)
\( nm \) nanometer
\( n\text{moles} \) nanomoles
\( A \) absorbance
\( h \) hour(s)
\( \text{min} \) minute(s)
\( ml \) millilitre(s)
\( l \) litre(s)
\( M \) molar
\( mM \) millimolar
\( \mu M \) micromolar
\( w/v \) weight by volume
\( v/v \) volume by volume
\( ^\circ C \) degree Centigrade
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