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Abbreviations

AHL	:	*N*-acylhomoserine lactone
Amp	:	ampicillin
AQ	:	2-alkyl-4-quinolone
AUC	:	area under curve
bp	:	basepair
°C	:	degree Celcius
C1-PQS	:	2-methyl-3-hydroxy-4-quinolone
C5-PQS	:	2-pentyl-3-hydroxy-4-quinolone
C9-PQS	:	2-nonyl-3-hydroxy-4-quinolone
C11-HHQ	:	2-undecyl-4-quinolone
C11-PQS	:	2-undecyl-3-hydroxy-4-quinolone
Da	:	Dalton
DCM	:	dichloromethane
DNA	:	deoxyribonucleic acid
D-C_7-PQS	:	5,6,7,8-tetradeutero-4,3-dihydroxy-2-heptylquinoline
EIC	:	Electrospray Ion Chromatograms
ESI	:	Electrospray ionization

FTMS	:	Fourier transform mass spectrometry
g	:	gram
kb	:	kilobase pair
MeOH	:	methanol
h	:	hour
HHQ	:	2-heptyl-4-quinolone
HHQNO	:	2-heptyl-4-quinolone *N*-oxide
HPLC	:	high performance liquid chromatography
IPTG	:	isopropyl-1-thio-(-D-galactopyranoside)
KH_2PO4	:	potassium dihydrogen phosphate
L	:	litre
LB	:	Luria Bertani
LCMS	:	liquid chromatography-mass spectrometry
M	:	molar
ml	:	milliliter
µg	:	microgram
µM	:	micromolar concentration
NMR	:	nuclear magnetic resonance
PQS	:	Pseudomonas quinolone signal; 2-heptyl-3-hydroxy-4-quinolone

ppm	:	parts per million
QS	:	quorum sensing
Rf	:	retention factor
RLU	:	relative light unit
rpm	:	revolutions per minute
TLC	:	thin layer chromatography
v/v	:	volume per volume
w/v	:	weight per volume