Accepted Manuscript

Title: Effect of a co-substrate supply in a MBR treating shipboard slop: analysis of hydrocarbon removal, biomass activity and membrane fouling tendency

Authors: Daniela Piazzese, Santo Fabio Corsino, Michele Torregrossa, David Bongiorno, Serena Indelicato, Gaspare Viviani



PII:	S1369-703X(18)30360-7
DOI:	https://doi.org/10.1016/j.bej.2018.10.003
Reference:	BEJ 7054
To appear in:	Biochemical Engineering Journal
Received date:	4-9-2018
Revised date:	1-10-2018
Accepted date:	3-10-2018

Please cite this article as: Piazzese D, Corsino SF, Torregrossa M, Bongiorno D, Indelicato S, Viviani G, Effect of a co-substrate supply in a MBR treating shipboard slop: analysis of hydrocarbon removal, biomass activity and membrane fouling tendency, *Biochemical Engineering Journal* (2018), https://doi.org/10.1016/j.bej.2018.10.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Effect of a co-substrate supply in a MBR treating shipboard slop: analysis of hydrocarbon removal, biomass activity and membrane fouling tendency

Daniela Piazzese^a, Santo Fabio Corsino^b, Michele Torregrossa^b, David Bongiorno^c, Serena Indelicato^c, Gaspare Viviani^b

^a Dipartimento di Scienze della Terra e del Mare, Università degli Studi di Palermo, Via Archirafi

26, 90123 Palermo, Italy

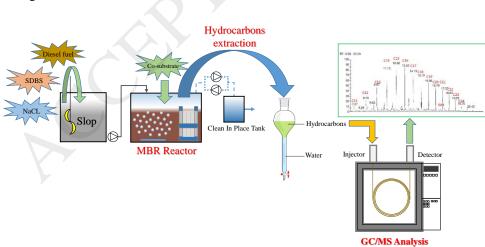
^b Dipartimento di Ingegneria Civile, Ambientale, Aerospaziale, dei Materiali,

Università degli Studi di Palermo, Viale delle Scienze, Ed. 8, 90128 Palermo, Italy

^c Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche, Via Archirafi 32,

90123 Palermo, Italy

*Corresponding author: tel: +39 09123896555; fax: +39 09123860810 E-mail address: santofabio.corsino@unipa.it (Santo Fabio Corsino)



Graphical abstract

Download English Version:

https://daneshyari.com/en/article/11028474

Download Persian Version:

https://daneshyari.com/article/11028474

Daneshyari.com