Supplementary Information

Table S1. Physicochemical properties of 1,3,5-TCB *.

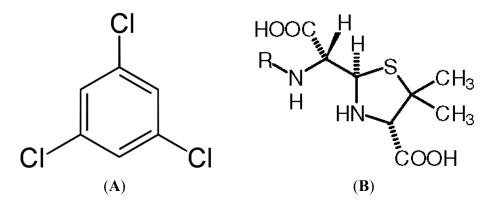
Compounds	_	Molecular weight (g/mol)		ubility ng/L)	Octanol-water partitioning coefficient $(log\ k_{ow})$				Henry's law constant (atm-m³/mol)		
1,3,5-TCB	1	181.45		5.01	4.19				0.00189		
* The	physical	properties	of	this	compound	were	obtained	from	the	SRC	PhysProp
THE	1 3	properties yrres.com/esc			r	were	obtained	from	the	SRC	Phy

Table S2. Physicochemical properties of MWNTs *.

CNTs type	Non-Functionalized MWNTs	MWNT-OH	MWNT-COOH		
Functional Groups	None	5.58 wt.% of –OH (XPS &	3.86 wt.% of –COOH		
1		Titration)	(XPS & Titration)		
Outside diameter	5–15 nm (from HRTEM,	<7 nm (from HRTEM,	<7 nm (from HRTEM,		
Outside diameter	Raman)	Raman)	Raman)		
Inside diameter	3–5 nm	2–5 nm	2–5 nm		
Length	~50 µm (TEM)	0.5–2 μm (TEM)	10–30 μm (TEM)		
SSA	$> 233 \text{ m}^2/\text{g (BET)}$	$500 \text{ m}^2/\text{g} \text{ (BET)}$	$500 \text{ m}^2/\text{g} \text{ (BET)}$		
Tap Density	0.27 g/cm^3	0.27 g/cm^3	0.27 g/cm^3		
True density	$\sim 2.1 \text{ g/cm}^3$	$\sim 2.1 \text{ g/cm}^3$	$\sim 2.1 \text{ g/cm}^3$		

^{*} Source: http://www.us-nano.com/nanotubes#a4.

Figure S1. (A) molecular structure of 1,3,5-trichlorobenzene; (B) molecular structure of peptone.



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