

**Manuscript number:** c0nj00614a*Hydrocarbons adsorption on templated mesoporous materials: effect of the pore size, geometry and surface chemistry*

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**Electronic Supplementary Information****Table S1** Pore volume of the mesoporous samples obtained from the analysis, by the  $\alpha_s$  method, of the mesitylene (mes), toluene (tol), methylcyclohexane (mch), neopentane (neop) and n-pentane (n-pent) adsorption isotherms.

Sample	$V_p / \text{cm}^3 \text{g}^{-1}$				
	mes	tol	mch	neop	n-pent
C14-MCM-41	0.59	0.59	0.58	0.58	0.59
C16-MCM-41	0.70	0.71	0.71	0.71	0.71
C18-MCM-41	0.81	0.81	0.81	0.81	0.81
MCM-48	0.87	0.88	0.88	0.87	0.87
SBA-15	0.78	0.79	0.78	0.78	0.78
SBA-15-C	0.61	0.61	0.61	0.61	0.61
SBA-16	0.43	0.43	0.43	0.43	0.43
LPC	0.98	0.97	0.97	0.97	0.98
MCF	2.02	2.03	2.01	2.03	2.03
C16-MCM-41-CMTS	0.60	0.61	0.60	0.61	0.61
C18-MCM-41-CMTS	0.65	0.66	0.65	0.65	0.66
SBA-15-CMTS	0.61	0.62	0.61	0.62	0.61
C16-HSB	0.51	0.52	0.52	0.52	0.51
CMK-3	0.86	0.90	0.90	0.92	0.90