

Adsorption of Phenol and Chlorophenols by HDTMA Modified Halloysite Nanotubes

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Table S1. Adsorption isotherms data for adsorbates at 298 K on adsorbent HDTMA/HAL.

PH		2CPH		3CPH	
C_i	a_i	C_i	a_i	C_i	a_i
0	0	0	0	0	0
0.00342	6.82565×10^{-4}	0.00347	3.22876×10^{-4}	1.95361×10^{-4}	3.8429×10^{-5}
0.00679	0.00136	0.00692	5.61273×10^{-4}	3.89271×10^{-4}	6.31287×10^{-5}
0.01009	0.00201	0.01036	7.74393×10^{-4}	5.85285×10^{-4}	8.46721×10^{-5}
0.01346	0.00269	0.01388	9.78679×10^{-4}	7.78398×10^{-4}	1.03966×10^{-4}
0.01684	0.00336	0.01736	0.00117	9.72816×10^{-4}	1.22068×10^{-4}
0.02023	0.00403	0.02074	0.00135	0.00117	1.3922×10^{-4}
0.02363	0.0047	0.02423	0.00153	0.00136	1.55495×10^{-4}
0.02701	0.00537	0.02769	0.0017	0.00156	1.71194×10^{-4}
0.03025	0.00601	0.03111	0.00187	0.00175	1.86356×10^{-4}
0.03362	0.00668	0.03462	0.00203	0.00195	2.0102×10^{-4}
0.03702	0.00735	0.03807	0.00219	0.00214	2.15325×10^{-4}
0.04034	0.008	0.04161	0.00235	0.00233	2.29198×10^{-4}
0.04372	0.00867	0.04508	0.00251	0.00253	2.42825×10^{-4}
0.04711	0.00933	0.04888	0.00267	0.00273	2.5625×10^{-4}
0.05049	0.01	0.05214	0.00282	0.00293	2.70118×10^{-4}
0.05383	0.01065	0.05576	0.00297	0.00311	2.81928×10^{-4}
0.05716	0.0113	0.05884	0.0031	0.00331	2.94586×10^{-4}
0.06055	0.01196	0.06274	0.00326	0.0035	3.06898×10^{-4}
0.06406	0.01265	0.06563	0.00338	0.0037	3.19057×10^{-4}
0.0673	0.01328	0.06904	0.00352	0.00389	3.31055×10^{-4}

4-CPH		2.4-DCPH		2.4.6-TCPH	
c_i	a_i	c_i	a_i	c_i	a_i
0	0	0	0	0	0
4.62863×10^{-4}	3.61764×10^{-4}	0.00287	3.72787×10^{-4}	0.00195	3.92384×10^{-4}
9.26559×10^{-4}	5.79824×10^{-4}	0.00572	6.66485×10^{-4}	0.00387	6.34532×10^{-4}
0.00139	7.62321×10^{-4}	0.0086	9.3825×10^{-4}	0.00575	8.37224×10^{-4}
0.00185	9.26288×10^{-4}	0.01144	0.00119	0.00768	0.00102
0.00231	0.00108	0.0143	0.00144	0.00961	0.0012
0.00277	0.00122	0.01717	0.00167	0.01153	0.00136
0.00323	0.00135	0.0201	0.00191	0.0135	0.00152
0.00369	0.00148	0.02299	0.00214	0.01533	0.00166
0.00415	0.00161	0.02584	0.00236	0.01727	0.00181
0.00462	0.00173	0.0286	0.00257	0.01919	0.00194
0.00508	0.00184	0.03157	0.00279	0.02113	0.00208
0.00554	0.00195	0.0343	0.00299	0.02307	0.00221
0.006	0.00206	0.03739	0.00322	0.02491	0.00233
0.00646	0.00217	0.04008	0.00341	0.02689	0.00246
0.00692	0.00227	0.04305	0.00362	0.0288	0.00258
0.00738	0.00237	0.04594	0.00382	0.03072	0.0027
0.00784	0.00247	0.04862	0.00401	0.03259	0.00281
0.00831	0.00257	0.05156	0.00421	0.03452	0.00293
0.00877	0.00267	0.05452	0.00441	0.03642	0.00304
0.00923	0.00276	0.05717	0.00459	0.03832	0.00315