

Table S2. Biodegradation process development by *Enterobacter asburiae* isolate N2 over the incubation period. The experiments were repeated 3 times. SD: standard deviation. SE: standard error.

OCPs	Initial conc.	Control	Incubation period																	
			2 Day			3 Day			4 Day			5 Day			6 Day			7 Day		
			Mean	SD	SE	Mean	SD	SE	Mean	SD	SE	Mean	SD	SE	Mean	SD	SE	Mean	SD	SE
HCH-delta	10.00	9.44	7.37	0.12	0.07	5.26	0.44	0.26	4.47	0.23	0.13	2.68	0.38	0.22	1.55	0.22	0.13	0.31	0.01	0.01
Endosulfan sulfate	10.00	9.62	7.06	0.73	0.42	5.71	0.10	0.06	3.90	0.75	0.43	2.87	0.68	0.39	1.19	0.40	0.23	< LOQ	0.00	0.00
HCH-alpha	10.00	9.83	7.47	0.63	0.36	4.80	0.66	0.38	4.57	0.44	0.26	2.50	0.30	0.17	1.21	0.32	0.18	< LOQ	0.00	0.00
HCH-gamma (Lindane)	10.00	9.54	7.22	0.48	0.28	4.84	0.47	0.27	4.26	0.65	0.37	2.68	0.53	0.31	0.32	0.30	0.18	< LOQ	0.00	0.00
Heptachlor	10.00	9.69	6.84	0.84	0.49	5.56	0.63	0.36	4.53	0.35	0.20	2.39	0.59	0.34	1.30	0.69	0.40	< LOQ	0.00	0.00
Aldrin	10.00	9.88	7.02	0.63	0.36	4.93	0.31	0.18	3.46	0.59	0.34	3.43	0.59	0.34	1.33	0.46	0.26	< LOQ	0.00	0.00
HCH-beta	10.00	9.86	7.78	0.10	0.06	4.88	0.56	0.32	4.47	0.29	0.17	2.52	0.66	0.38	1.48	0.38	0.22	< LOQ	0.00	0.00
Heptachlor epoxide	10.00	9.00	7.12	0.66	0.38	5.19	0.35	0.20	3.61	0.39	0.22	2.59	0.54	0.31	1.00	0.48	0.28	< LOQ	0.00	0.00
Endosulfan I	10.00	9.67	7.58	0.47	0.27	5.01	0.82	0.48	3.91	0.89	0.51	3.05	0.61	0.35	1.41	1.01	0.58	< LOQ	0.00	0.00
4,4'-DDE	10.00	9.96	7.35	0.47	0.27	5.64	0.43	0.25	4.18	0.69	0.40	3.38	0.60	0.35	0.56	0.54	0.31	< LOQ	0.00	0.00
Dieldrin	10.00	9.30	7.21	0.11	0.07	5.15	1.01	0.58	4.37	0.43	0.25	3.08	0.87	0.50	1.41	0.67	0.38	< LOQ	0.00	0.00
Endrin	10.00	9.77	6.71	0.70	0.40	5.08	0.58	0.34	3.83	1.01	0.58	3.25	0.45	0.26	0.44	0.38	0.22	< LOQ	0.00	0.00
4,4'-DDD	10.00	9.85	6.77	0.65	0.37	4.88	0.28	0.16	3.42	0.25	0.14	2.61	0.45	0.26	1.87	0.10	0.06	< LOQ	0.00	0.00
Endosulfan II	10.00	9.16	6.50	0.64	0.37	5.02	0.44	0.25	3.86	0.47	0.27	2.49	0.31	0.18	0.88	0.48	0.28	< LOQ	0.00	0.00
4,4'-DDT	10.00	9.32	6.98	0.89	0.52	5.49	0.31	0.18	4.19	0.23	0.13	2.90	0.56	0.33	0.23	0.19	0.11	< LOQ	0.00	0.00
Endrin aldehyde	10.00	9.05	6.74	1.03	0.59	5.14	0.75	0.43	4.39	0.53	0.31	3.39	0.02	0.01	0.90	0.60	0.34	< LOQ	0.00	0.00
Methoxychlor	10.00	9.52	7.13	0.71	0.41	4.89	0.76	0.44	3.83	0.39	0.23	3.06	0.18	0.11	0.90	0.45	0.26	1.62	0.05	0.03