

Table S1: Solvent impact levels

			Eco	UBP	GWP	CED	CO2
I	Methanol	min	0,097	370	0,616	29,1	0,553
		mean	0,135	480	0,764	40,8	0,650
		max	0,172	607	0,906	52,0	0,742
	Formaldehyde	min	0,122	678	0,908	34,4	0,801
		mean	0,169	856	1,12	49,1	0,978
		max	0,237	1065	1,39	64,1	1,17
II	Methyl Acetate	min	0,121	930	0,791	34,3	0,708
		mean	0,169	1431	1,148	48,7	1,04
		max	0,274	2108	1,612	66,4	1,47
	Ethanol	min	0,166	1559	1,026	43,59	0,945
		mean	0,188	1932	1,194	50,249	1,113
		max	0,212	2391	1,388	57,1	1,277
	Diethylethere	min	0,166	1427	1,015	43,419	0,94
		mean	0,19	1820	1,19	49,59	1,1
		max	0,216	2191	1,375	56,44	1,28
	Acetic acid	min	0,136	1382	1,214	36,3	1,08
		mean	0,206	2015	1,826	55,6	1,536
		max	0,273	2819	2,417	74,3	2,1
	Heptane	min	0,2	1620	0,731	54,438	0,633
		Mean	0,228	2125	0,901	61,542	0,788
		max	0,258	2719	1,092	69,056	0,962
III	Hexane(-n)	min	0,206	1815	0,714	57,336	0,676
		mean	0,234	2273	0,895	64,492	0,823
		max	0,263	2814	1,108	72,448	0,996
	Methyl ethyl Ketone	min	0,196	1508	1,319	52,04	1,226
		mean	0,238	1727	1,597	64,06	1,492
		max	0,28	1960	1,866	75,75	1,745
	Formic acid	min	0,197	1982	1,956	49,738	1,825
		mean	0,24	2485	2,259	73,616	2,396
		max	0,287	2981	3,315	97,723	3,098
	MonoChloroBenzene	min	0,213	8099	1,617	52,289	1,546
		mean	0,24	9588	1,9	67,996	1,761
		max	0,268	11240	2,211	83,48	1,989
	Dichloromethane	min	0,031	2649	2,902	25,959	2,703
		mean	0,251	7412	5,729	42,6	5,701
		max	0,912	38183	12,435	65,77	12,42
III	Iso-propanol	min	0,208	2916	1,477	55,941	1,374
		mean	0,254	3830	1,764	65,515	1,654

		max	0,305	4928	2,086	76,083	1,981
		min	0,189	1011	1,146	57,893	1,057
III	MTBE	mean	0,274	1340	1,508	73,535	1,365
		max	0,386	1747	1,872	93,625	1,764
		min	0,258	1997	1,941	70,906	1,785
	Dimethoxyethane	mean	0,275	2189	2,074	76,923	1,902
		max	0,292	2380	2,208	82,913	2,033
		min	0,2	1945	0,697	53,676	0,679
	Hexane(-iso)	mean	0,281	2798	1,179	75,557	1,043
		max	0,389	3988	1,911	104,954	1,502
		min	0,174	630	0,579	43,553	1,096
	Xylene	mean	0,288	1635	1,424	71,493	1,306
		max	0,454	4439	3,00	110,44	1,542
		min	0,167	869	1,066	39,965	0,07
	Pentane	mean	0,291	1514	1,613	73,297	1,202
		max	0,47	2520	2,398	123,24	5,79
		min	0,144	477	1,525	41,079	1,434
	Toluene	mean	0,301	1435	2,052	79,706	1,52
		max	0,504	3337	2,719	91,92	1,607
		min	0,223	4396	2,585	62,197	2,471
	Dioxane	mean	0,302	5535	3,34	86,374	3,134
		max	0,404	6294	4,279	117,81	3,945
		min	0,259	1528	1,744	72,8	1,528
	Ethylbenzene	mean	0,304	1876	2,034	85,26	1,864
		max	0,352	2214	2,312	97,223	2,168
		min	0,21	1259	1,445	57,13	1,342
IV	Cyclohexane	mean	0,306	1801	2,111	83,27	1,951
		max	0,429	2332	2,764	117	2,548
		min	0,226	2145	1,935	63,275	1,865
	Dimethylformaldade	mean	0,315	2928	2,679	91,441	2,516
		max	0,434	3967	3,676	129,39	3,354
		min	0,232	2373	2,204	71,364	2,023
	Methyl formate	mean	0,316	2928	2,779	100,42	2,481
		max	0,417	3562	3,367	138,32	3,024
		min	0,231	1630	1,879	61,18	1,752
	Butanol(2-)	mean	0,318	2165	2,600	84,93	2,373
		max	0,424	2810	3,491	114,39	3,131
		min	0,181	1623	1,483	40,46	1,677
	Acetone	mean	0,333	3273	2,199	74,64	2,004
		max	0,569	5962	3,160	107,47	2,359
		min	0,272	2670	2,388	69,318	2,128

V	Ethyl acetate	mean	0,336	3306	3,141	96,3	2,792
		max	0,4	3949	4,028	122	3,668
		min	0,256	3151	2,483	68,441	2,206
Isopropyl Acetate	mean	0,337	4311	3,248	95,347	3,223	
	max	0,436	5786	4,192	128,833	4,53	
	min	0,278	1347	1,412	79,51	1,314	
Butanol(1-)	mean	0,347	1744	1,766	97,53	1,624	
	max	0,416	2225	2,184	117,43	1,968	
	min	0,291	2228	2,409	79,829	2,35	
Propionaldeyde	mean	0,353	2947	3,586	100,9	3,367	
	max	0,426	3825	5,208	125,922	4,731	
	min	0,279	1487	1,983	69,576	1,652	
Tert. Amyl alcohol	mean	0,355	1968	2,682	93	2,325	
	max	0,433	2429	3,352	115,84	3,142	
	min	0,259	2630	2,602	60,9	2,073	
Acetic anhydride	mean	0,362	3723	3,575	108,8	3,093	
	max	0,491	5105	4,769	155,6	4,408	
	min	0,277	2355	2,121	81,195	2,086	
Methyl cyclohexane	mean	0,377	2988	2,7	104,2	2,546	
	max	0,48	3767	3,297	132,244	3,083	
	min	0,295	2249	2,519	85,712	2,25	
Pentanol	mean	0,378	2717	3,206	111,832	2,937	
	max	0,482	3272	4,053	144,612	3,748	
	min	0,304	1513	1,895	85,56	1,232	
Butanol(iso)	mean	0,383	2007	2,861	106,84	2,111	
	max	0,462	2508	4,207	131,5	3,408	
	min	0,309	3304	2,724	86,997	2,146	
Propanol (-1)	mean	0,388	4175	3,925	111,88	3,345	
	max	0,463	5169	5,467	140,492	4,911	
	min	0,393	2710	2,27	73,28	2,228	
Acetonitrile	mean	0,401	3534	2,955	88,59	2,795	
	max	0,41	4426	3,697	105,17	3,522	
	min	0,311	2337	2,506	86,84	2,202	
Butyl Acetate	mean	0,417	3248	3,327	121,3	2,888	
	max	0,543	4129	4,123	154,7	3,693	
	min	0,334	3184	2,924	77,29	2,844	
Benzyl Alcohol	mean	0,418	4055	3,634	106,2	3,443	
	max	0,516	5080	4,338	134,8	4,037	
	min	0,288	2490	2,78	77,556	2,176	
Isoamyl acetate	mean	0,42	3333	3,902	118,66	2,904	
	max	0,544	4304	4,958	170,3	3,742	
	min	0,288	2490	2,78	77,556	2,176	

		min	0,322	2483	2,772	87,707	2,684
	Isobutyl Acetate	mean	0,424	3317	3,777	116,9	3,518
		max	0,555	4461	5,165	156,641	4,637
		min	0,309	2826	3,28	84,61	3,06
	Cyclohexanone	mean	0,441	3600	4,431	125	4,13
		max	0,628	4620	6,013	178,6	5,471
VII	Benzaldehyde	min	0,264	3552	2,993	87,39	2,732
		mean	0,449	4989	4,301	133,97	3,786
		max	0,626	6391	5,609	182,53	5,084
		min	0,388	3423	4,819	108,2	4,22
	Butylene glycol	mean	0,584	4792	6,624	176,2	5,785
		max	0,836	6124	8,84	268,73	7,412
		min	0,569	16755	6,121	184,997	6,297
	Methyl Ketone	mean	0,615	19725	7,062	216,72	6,697
		max	0,663	23062	8,137	253,858	7,128
VII	Tetrahydrofuran	min	0,611	4568	5,344	173,896	5,147
		mean	0,9	6833	8,256	270,85	7,895
		max	1,283	9871	12,243	406,164	11,793

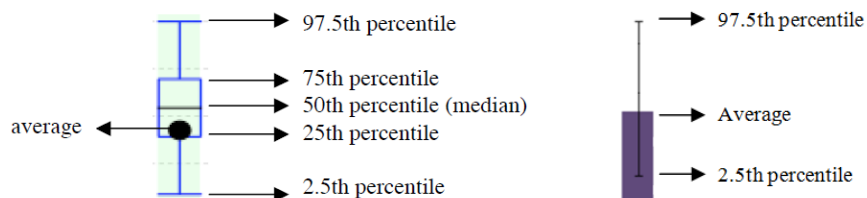


Figure S 1: Graphical meaning of the uncertainty of results shown in ecosolvent and Figures 1-5, 11-12 in the main manuscript.