

Table 1. Characteristics and Meta Data of Specific Contaminants of Emerging Concern Examined in This Study.

CECs ^a	DDT	1,4D	NM ^b	ND MA	MT BE	MP ^b	PC	Prions ^b	TCAA	TCC	TCE	TCS
CAS Number	50-29-3	123-91-1	N/A	62-75-9	1634-04-4	N/A	14797-73-0	N/A	76-03-9	101-20-2	79-01-6	3380-34-5
Molecular Formula	C ₁₄ H ₉ Cl ₅	C ₄ H ₈ O ₂		C ₂ H ₆ N ₂ O	C ₅ H ₁₂ O		ClO ₄		C ₂ HCl ₃ O ₂	C ₁₃ H ₉ Cl ₃ N ₂ O	C ₂ H Cl ₃	C ₁₂ H ₇ Cl ₃ O ₂
Year of First Publication by Database Category												
Any category	1947	1947	1991	1891	1927	1976	1882	1956	1885	1957	1946	1964
<i>Biological studies</i>	1947	1947	N/A [68]	1966	1972	N/A [69]	1967	N/A [70]	1945	1967	1946	1967
<i>Occurrence</i>	1948	1970		1970	1977		1966		1952	1978	1952	1975
<i>Adverse Effect/ Toxicity</i>	1947	1968		1967	1983		1986		1952	1974	1946	1974
Total Number of Publications by Database Category												
Any category	37,136	26,031	30,015	8,434	13,188	107	6,839	27,468	14,084	1,027	30,241	6,974
<i>Biological studies</i>	20,339	2,304	N/A [68]	5,778	2,464	N/A [69]	1,022	N/A [70]	5,473	691	8,688	5,416
<i>Occurrence</i>	11,955	746		1,926	2,571		589		2,469	200	9,732	1,259
<i>Adverse Effect/ Toxicity</i>	4,361	386		2,041	615		148		752	83	3,277	558
Peak Annual Publications Activity by												
	1134	220	5356	415	414	41	152	1928	364	80	979	473

^a DDT, dichlorodiphenyltrichloroethane; 1,4D, 1,4-dioxane; NM, nanomaterials; NDMA, nitrosodimethylamine; MTBE, methyl *tert*-butyl ether; MP, microplastics; PC, perchlorate; TCAA, trichloroacetic acid; TCC, triclocarban; TCE, trichloroethylene; TCS, triclosan. N/A, not applicable.

^b Nanomaterials, microplastics and prions do not feature unique CAS numbers, which precluded them from entering the search algorithm that produced most of the data in this Table. For the convenience of the reader, key references are provided for unpopulated data fields.