

### SUPPLEMENTARY TABLE 3

**Observed concentrations versus reported literature values.** All values originally published as ng/g, µg/L, ng/mL are listed as PPB. Values originally published as pg/mL were converted to ng/mL and then listed as PPB. All values are rounded to the nearest integer or are listed as < 1 PPB when applicable. The corresponding reference from which the comparison value is derived is cited next to the listed concentration. Annotations presented in this table represent estimated concentrations based on algorithmic chemical identification. While specific annotations that failed validation were excluded, many remaining identifications were not manually validated and should be considered preliminary. Annotations detected in fewer than 50

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Name	CAS	IARC Group	Mean Tumor Concentration (PPB)	Range (PPB)*	Adipose Tissue (PPB)†	Urine (PPB)‡	Serum/Plasma (PPB)‡
2-Naphthylamine	91-59-8	1	35,194	69- 187,964		4 <sup>§</sup>	
4-Aminobiphenyl	92-67-1	1	97,538	1- 623,815		< 1 <sup>§</sup>	
Acenaphthene	83-32-9	3	4,967	214- 40,558	10		
Acenaphthylene	208-96-8	2A	654	16- 3,824	4		
Anthracene	120-12-7	2B	83	< 1- 1,726	42		
Benz(a)anthracene	56-55-3	2B	1,088	4- 7,250	< 1		
Benzo(b)fluoranthene	205-99-2	2B	899	1- 14,794	< 1		
Chrysene	218-01-9	2B	132	2- 2,985	< 1		
Dibenz(a,h)anthracene	53-70-3	2A	13,591	413- 27,924	< 1		
Fluoranthene	206-44-0	3	1,030	5- 9,072	49		< 1
Naphthalene	91-20-3	2B	854	8- 6,714	50		< 1
PCB-138	35065-28-2	1	16	13- 1,412	3		< 1
PCB-153	35065-27-1	1	36	14- 553	3		< 1
PCB-172	52663-74-8	1	42	25- 4,531		NA	< 1
Phenanthrene	85-01-8	3	92	3- 1,978	139		< 1
Pyrene	129-00-0	3	379	2- 3,269	28		2
o-Toluidine	95-53-4	1	12,614	100- 82,300		< 1 <sup>§</sup>	