



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

AM-S-W2408

Biological matrix : Serum Date of publication : 2028-01-01
Expiration date :

MATERIAL NUMBER	ANALYTE GROUPING	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
AM-S-W2408	Brominated flame retardants	PBDE IUPAC # 100	0.517	µg/L	0.0240	12
		PBDE IUPAC # 153	0.406	µg/L	0.00961	13
		PBDE IUPAC # 154	0.210	µg/L	0.00932	12
		PBDE IUPAC # 183	0.260	µg/L	0.0145	10
		PBDE IUPAC # 209	0.229	µg/L	0.00500	3
		PBDE IUPAC # 28	0.536	µg/L	0.00796	11
		PBDE IUPAC # 47	0.502	µg/L	0.0137	13
		PBDE IUPAC # 99	0.195	µg/L	0.00610	12
	Organochlorinated pesticides	Hexachlorobenzene	1.04	µg/L	0.0356	15
		Oxychlordane	0.411	µg/L	0.0107	12
		p,p'-DDE	1.24	µg/L	0.0343	16
		p,p'-DDT	0.658	µg/L	0.0239	14
		β-HCH	0.453	µg/L	0.0247	12
		trans-Nonachlor	2.14	µg/L	0.0613	14
		Heptachlor	0.928	µg/L	0.0225	5
		Heptachlor epoxide	0.406	µg/L	0.0299	5
		Dieldrin	0.486	µg/L	0.0535	7
		Mirex	1.37	µg/L	0.0157	8
		cis-Nonachlor	0.661	µg/L	0.0126	6
	PCB congeners	PCB IUPAC # 105	0.257	µg/L	0.00847	12
		PCB IUPAC # 118	0.384	µg/L	0.00644	16
		PCB IUPAC # 138	0.402	µg/L	0.0290	11
		PCB IUPAC # 153	0.682	µg/L	0.0186	13
		PCB IUPAC # 170	0.386	µg/L	0.0140	13
		PCB IUPAC # 180	0.310	µg/L	0.00708	16
		PCB IUPAC # 28	0.454	µg/L	0.0119	15
		PCB IUPAC # 74	0.579	µg/L	0.0188	12
		PCB IUPAC # 99	0.807	µg/L	0.0275	13
		PCB IUPAC # 52	0.202	µg/L	0.00490	13
		PCB IUPAC # 101	0.941	µg/L	0.0258	15
		PCB IUPAC # 183	0.925	µg/L	0.0300	13
		PCB IUPAC # 187	0.623	µg/L	0.0192	13

* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.



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