



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

AM-S-W2407

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

MATERIAL NUMBER	ANALYTE GROUPING	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
AM-S-W2407	Brominated flame retardants	PBDE IUPAC # 100	0.426	µg/L	0.0135	12
		PBDE IUPAC # 153	0.198	µg/L	0.00431	13
		PBDE IUPAC # 154	0.529	µg/L	0.0343	12
		PBDE IUPAC # 183	0.361	µg/L	0.0192	10
		PBDE IUPAC # 209	0.990	µg/L	0.0216	3
		PBDE IUPAC # 28	0.361	µg/L	0.0110	11
		PBDE IUPAC # 47	0.918	µg/L	0.0407	13
		PBDE IUPAC # 99	0.493	µg/L	0.0180	12
	Organochlorinated pesticides	Hexachlorobenzene	0.552	µg/L	0.0120	15
		Oxychlordane	1.19	µg/L	0.0417	12
		p,p'-DDE	1.36	µg/L	0.0453	17
		p,p'-DDT	0.361	µg/L	0.0103	13
		β-HCH	1.07	µg/L	0.0477	12
		trans-Nonachlor	0.784	µg/L	0.0247	13
		Heptachlor	0.342	µg/L	0.0196	5
		Heptachlor epoxide	1.10	µg/L	0.0543	6
		Dieldrin	0.793	µg/L	0.0524	7
		Mirex	0.637	µg/L	0.0185	8
		cis-Nonachlor	1.98	µg/L	0.0467	6
	PCB congeners	PCB IUPAC # 105	0.318	µg/L	0.00625	12
		PCB IUPAC # 118	0.633	µg/L	0.0154	16
		PCB IUPAC # 138	0.567	µg/L	0.0394	13
		PCB IUPAC # 153	1.08	µg/L	0.0366	16
		PCB IUPAC # 170	0.289	µg/L	0.0105	13
		PCB IUPAC # 180	1.04	µg/L	0.0377	16
		PCB IUPAC # 28	0.431	µg/L	0.00994	15
		PCB IUPAC # 74	0.317	µg/L	0.00918	12
		PCB IUPAC # 99	0.551	µg/L	0.0121	13
		PCB IUPAC # 52	0.602	µg/L	0.0204	14
		PCB IUPAC # 101	0.248	µg/L	0.00549	14
		PCB IUPAC # 183	0.255	µg/L	0.00643	13
		PCB IUPAC # 187	0.571	µg/L	0.0177	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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Centre de toxicologie / INSPQ | 945, ave. Wolfe | Québec (Québec) G1V 5B3 | Canada
Tél. : (418) 650-5115, poste 4254 | Fax : (418) 654-2148 | Courriel : ctq@inspq.qc.ca | Site Web : www.inspq.qc.ca/ctq
Magasin virtuel : www.inspq.qc.ca/ctq/vente | Virtual store/reference material : www.inspq.qc.ca/ctq/sales