PFAS – Analysis Arium® Comfort II with Arium® Smart Station

Sample	Detection threshold	Detected Concentration	Unit	Method
PFBA	5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFPeA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFHxA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFHpA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFOA linear	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFOA total	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFNA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFUnDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFDoDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFTrDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFTeDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFHxDA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFBS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFPeS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFHxS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFHpS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFOS linear	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFOS total	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFNS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFDS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFUnDS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFDoDS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFTrDS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
4:2 FTS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
6:2 FTS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
8:2 FTS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
10:2 FTS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
N-MeFOSAA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
N-EtFOSAA	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
8:2diPAP	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]
PFECHS	0.5	Under detection threshold	ng/l (ppt)	QMA-504-197[A]

Execution and Analysis Procedure

The water analysis was executed by ProChem GmbH, an internationally recognized testing laboratory for special analytics, based on following measurement method: QMA-504-197[A]. The method have been partially validated. The tests were performed with the Arium® Comfort II connected to an Arium® Smart Station, without final filter, fed with tap water.

A: Accredited method

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