Desorption Efficiency (%DE) Verification - EPA Method TO-17

Target Method:	
Instrument Method:	tq22m0930markes
Initial Run File:	tq093008
Repeat Run File:	tq100305
D.A. Method	tq22m0930
Sampling Tube	Camsco PFAS

Compound	Enter response Initial Run (m_i)	Repeat Run (m_r)	%DE	Spiked conc. ng
PFBA			#DIV/0!	
PFPeA			#DIV/0!	
PFHxA			#DIV/0!	
PFHpA			#DIV/0!	
PFOA			#DIV/0!	
4:2 FTOH	9.09	0.015	99.8%	10
5:2sFTOH	8.94	0.013	99.9%	10
7:2sFTOH	8.93	0.005	99.9%	10
6:2 FTOH	8.75	0.025	99.7%	10
8:2 FTOH	8.90	0.025	99.7%	10
10:2 FTOH	9.17	0.035	99.6%	10
12:2 FTOH	9.40	0.084	99.1%	10
NMeFOSA-M	9.17	0.101	98.9%	10
NEtFOSA-M	9.34	0.032	99.7%	10
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Acceptance criterion $\geq$ 95%
*Acceptance criterion $\geq$ 90%

$$\%DE = [(m_i)/(m_i + m_r)] \times 100\%$$

Where m_i = mass measured in initial run (ng)
m_r = mass measured in repeat run (ng)