Method Detection Limits (MDL) and Validation Study

Analyst:
Instrument:

Analyte:
Matrix:
Test ID:
Method:
SOP:

Table 1: MDL Study based on method blanks					
Sample ID	**File**	**Cup**	**Digestion**	**Analysis Date**	**Result**
					Units: µg/L

Mean Result: #DIV/0!
Units: µg/L
SD: #DIV/0!
Student T:
Calc. MDL_b: #DIV/0!
Units: µg/L

Table 2: MDL Study based on spiked blank							
Sample ID	**File**	**Cup**	**Digestion**	**Analysis Date**	**Result**	**Actual**	**Recovery (%)**
					Units: µg/L	Units: µg/L	
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!
							#DIV/0!

SD: #DIV/0!
Student T:
Calc. MDL_s: #DIV/0!
Units: µg/L

Table 3: Limit of Detection Verification (LOD)								
Sample ID	**File**	**Cup**	**Digestion**	**Analysis Date**	**Result**	**Actual**	**Recovery (%)**	**Acceptable (Y/N)**
					Units: µg/L	Units: µg/L		
							#DIV/0!	

Table 4: Limit of Quantitation Verification (LOQ)								
Sample ID	**File**	**Cup**	**Digestion**	**Analysis Date**	**Result**	**Actual**	**Recovery (%)**	**Acceptable (Y/N)**
					Units:	Units:		
							#DIV/0!	

Working MDL:	
Working PQL:	

SD = Standard Deviation