Table 30A-5: Example Dynamic Spiking Data Sheet

Facility name: _____ Date: _____ Time: _____

Unit(s) tested: _____ Test personnel: _____

Analyzer make & model: _____ Estimated native Hg concentration: _____ $\mu g/m^3$

Serial number: _____ Estimated unspiked sample flow rate: _____ lpm

Calibration span: _____ $\mu g/m^3$ Estimated spike gas flow rate: _____ lpm

Q_{probe} (lpm)	Q_{spike} (lpm)	DF[1]	Target Level[2]		C_{native} ($\mu g/m^3$)			Actual Values		% Spike Recovery
			C^*_{spike} ($\mu g/m^3$)	C^*_{ss} ($\mu g/m^3$)	Pre	Post	Avg.	C_{spike} ($\mu g/m^3$)	C_{ss} ($\mu g/m^3$)	
									Avg.	
									RSD	

1 DF must be ≥ 5

2 C^*_{ss}/C_{native} must be ≥ 1.5 and ≤ 2.0, where C_{native} and C^*_{ss} are estimated values