

Figure 3

Table 1: Detection Limit Calculation (EPA Action Level $\approx 7.24\text{E-}08\text{ M}$)

Trials	Lab Day 2	Lab Day 3
	$I_0/(I_0^*)$	$I_0/(I_0^*)$
1	1.040	0.983
2	1.048	0.987
3	1.046	0.981
4	1.045	0.981
5	1.036	0.979
6	1.035	0.981
7	1.021	0.986
8	1.019	0.977
9	1.018	0.981
10	1.021	0.976
Average Ratio	1.033	0.981
Standard Deviation (σ)	0.012	0.003
Average Stern-Volmer Plot Slope (s)	4438	5181
Limit of Detection (M)	8.12E-06	2.02E-06