

Analyzer / Calibrator  
Calibration/Level 1 Check Data Sheet

DEP 06-5  
 APPENDIX A  
 REV. NO. 2: 07-10

Date 12/19/11 Site Location Cape Coral Site AQS # 12- E0712002

Thermo 49C Analyzer

Thermo49C-PS Calibrator

Serial # 62076-333 Range: 500 PPB  
 Sample Flows A: .7 B: .7  
 Temp: 37 Pressure: 756  
 Intensities A: 75 B: 74  
 Cal. Factors BKG: .5 COEF: 1.012

Serial # 78832-389 Range: 500 PPB  
 Sample Flows A: .66 B: .64  
 Temp: 33 Pressure: 768  
 Intensities A: 93 B: 93  
 Cal. Factors BKG: .1 COEF: 1.017  
 Ozonator Output Flow: 3.5 l/min  
 Transfer-Primary Comp. Date: 3/29/11

Data Logger

Model: ESC 8832

Serial # A0598

Calibration Date: 5/2/11

Data Logger Channel # 02

Zero Air Pack/Generator

Charcoal Service Date: 8/24/11

	Front Panel		Data Logger		QC Checks
	Primary Standard	Analyzer	Primary Standard	Analyzer	
Unadj Zero	0.4	0.0	0	0	0
Unadj Span	430	423	427	422	-1.2
Precision	74.4	74.9	75	74	-1.3
Adj Zero	0.0	0.0	0	0	0
Adj Span	426.3	4240	426	423	-0.7
40 ppm	40.9	41.1	41	40	-2.5
Precision	75.0	75.0	75	74	-1.3
150 ppm	150	149.5	150	148	-1.3
Midpoint	250	249	251	248	-1.2
		Sample Line Response	SLIC Line Response	% Difference	
Sample Line Integrity Check		422	424	-0.5	

49C Analyzer Calibration Factors after Adjusted Calibration:

BACKGROUND: .5 COEFFICIENT: 1.016

Comments: No background adjustment. Slight increase in the coefficient from 1.012 to 1.016. Span changed from -1.2 to -0.7; w/in the 1% calibration limit.

PM schedule \_\_\_\_\_

Calibrated by: V. Osham

Date: 12/19/11

Verified by: Christy Guly

Date: 12/19/11