

REFERENCE NO. _____

DATE THIS REPORT 12-12-78

CHARGE 374 - EN

DEPT Marine Dock

Samples - Benzene at Loading Dock

[illegible]GC Column DBPsil 300

OVEN TEMP. 80° °C

mls Solvent 20 mls CS₂

DECT. TEMP. 200° °C

Blank _____

MIN DETECTABLE _____

Spikes

Other Analytical Method

DO A 112630
CONFIDENTIAL

BY: A.L.M.

SIGNED Adrian L. McCa

$$\frac{\text{Sample Detected} \times 24.4}{\text{MW} \times \text{Chemical eff.} \times \text{Liters Sampled}} = \text{ppm(V)}$$

12/12/78
10K

Marine wharf

Benzene Exposure PPM(V)

1211-1 $\frac{106 \times 24.4}{78 \times .95 \times 54.95} = \textcircled{0.64} \text{ ppm(V) Pump + Tube 1+4}$

1211-2 $\frac{8062 \times 24.4}{78 \times .95 \times 52.5} = \textcircled{50.57}$

1211-3 $\frac{17.6 \times 24.4}{78 \times .95 \times 59.4} = \textcircled{0.10} \text{ Pump + Tube 3+5}$

1211-4 $\frac{9.58 \times 21.2}{525} = \textcircled{0.04} \text{ Benzene Badge}$

1211-5 $\frac{9.58 \times 70.7}{525} = \textcircled{1.29} \text{ Benzene Badge}$

Humidity?

Temp.