

ECT



S NO.

PREPARED BY

DATE

0 - Chlorophenol

74077

P. A. H. H. H.

10/23

Samples rec'd NBP 2066564 were prepared for shipment to Dr. Rappe of Sweden for analysis as follows. —

1102301 — 1.275 g of 1102301 weighed into a Supelco multivial and sealed. — "as is"

1102302 — 1.316 g of 1102301 + 40 μ l of 0.2 ng/ μ l 2,3,7,8 TCDD std. in α -xylene — sealed in a Supelco multivial

This standard was purchased from K&R Isotopes — lot TD-199 Code DD05 to contain 5 mg in anisole. It was quantitatively transferred + diluted with α -xylene to 25 ml on 3/22/79 by O.E. 10 μ l of that stock was diluted to 10 ml with α -xylene — Bredisch + Jr "Distilled in glass" — lot # AE-180 —

This dilution contains 0.2 ng/ μ l.

$$\frac{8 \text{ ng}}{1.316 \text{ g}} = 6.08 \text{ ppb } 2,3,7,8 \text{ TCDD}$$

1102303 — 0.926 g of 1102301 + 2 μ l of 0.2 ng/ μ l 2,3,7,8 TCDD — sealed in a Supelco multivial

$$\frac{0.4}{0.926} = 0.43 \text{ ppb } 2,3,7,8 \text{ TCDD}$$

1102304 — 2.013 g of 1102304 weighed into a Supelco multivial and sealed — "as is"

1102305 — 1.374 g of 1102304 + 40 μ l of 0.2 ng/ μ l 2,3,7,8 TCDD weighed into a Supelco multivial + sealed.

$$\frac{8}{1.374} = 5.82 \text{ ppb } 2,3,7,8 \text{ TCDD}$$

1102306 — α -xylene (not weighed) put in a multivial sealed — lot # same as above.

1102307 — 2.523 g, 1102306 + 10 μ l of 0.2 ng/ μ l 2,3,7,8 TCDD sealed in a multivial.

$$\frac{2}{2.523} = 0.79 \text{ ppb } 2,3,7,8 \text{ TCDD}$$