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Analytical Reference Material ARM

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CERTIFIED WEIGHT REPORT

Part Number: 70018
Lot Number: 010816
Description: Aroclor 1242

Expiration Date: 010826
Recommended Storage: Ambient (20 ºC)
Nominal Concentration (µg/mL): 1000

Solvent(s): **Lot#**
Methanol DM417

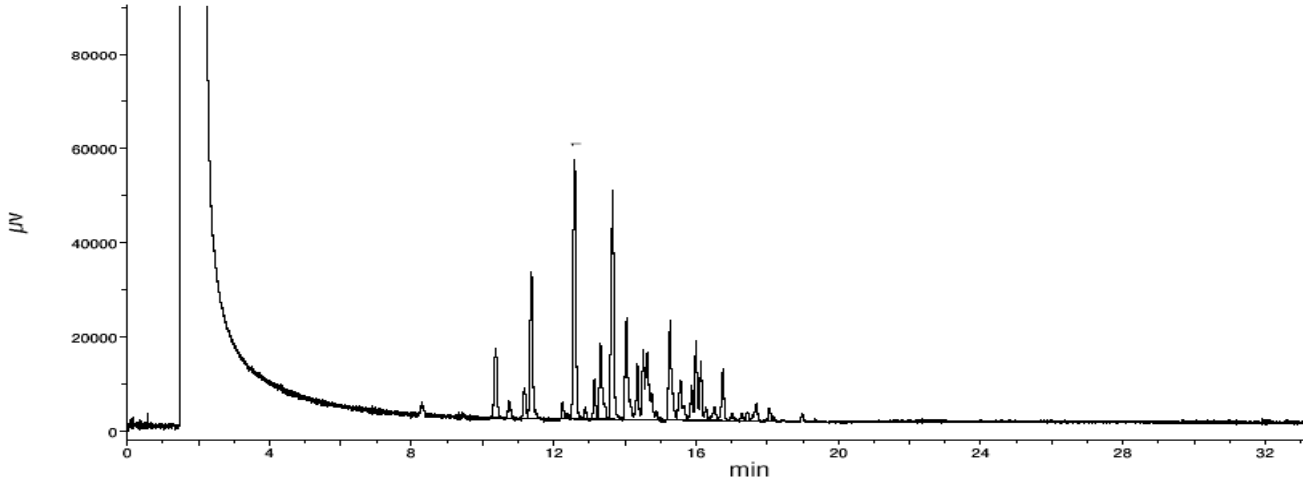
Formulated By: Jason Criscio 010816 DATE

Reviewed By: Pedro L. Rentas 010816 DATE

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.006 Flask Uncertainty

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Aroclor 1242	18	020491JC	1000	100	0.2	0.10001	0.10021	1002.0	4.1	53469-21-9	N/A	orl-rat 4250mg/kg

Comments
GC3-M1 Analysis by Candice Warren
Column ID SPB-608 3 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150˚C (Time 1 = 4 min), Temp 2 = 290˚C (Time 2 = 13.5 min)
Rate = 8˚C/min, Total run time = 35 min
Injector temp. = 200˚C, FID Temp. = 300˚C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



TIC: 70018.D

Method GC8MSD-7.M: Column:SPB-5 (30m X 0.25mm ID X 0.25μm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Gina McLane