

**CERTIFIED WEIGHT REPORT**

**Part Number:** 70017  
**Lot Number:** 083116  
**Description:** Aroclor 1232

**Solvent(s):** Methanol  
**Lot#** DP303

**Expiration Date:** 083126  
**Recommended Storage:** Ambient (20 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 822-275872-11

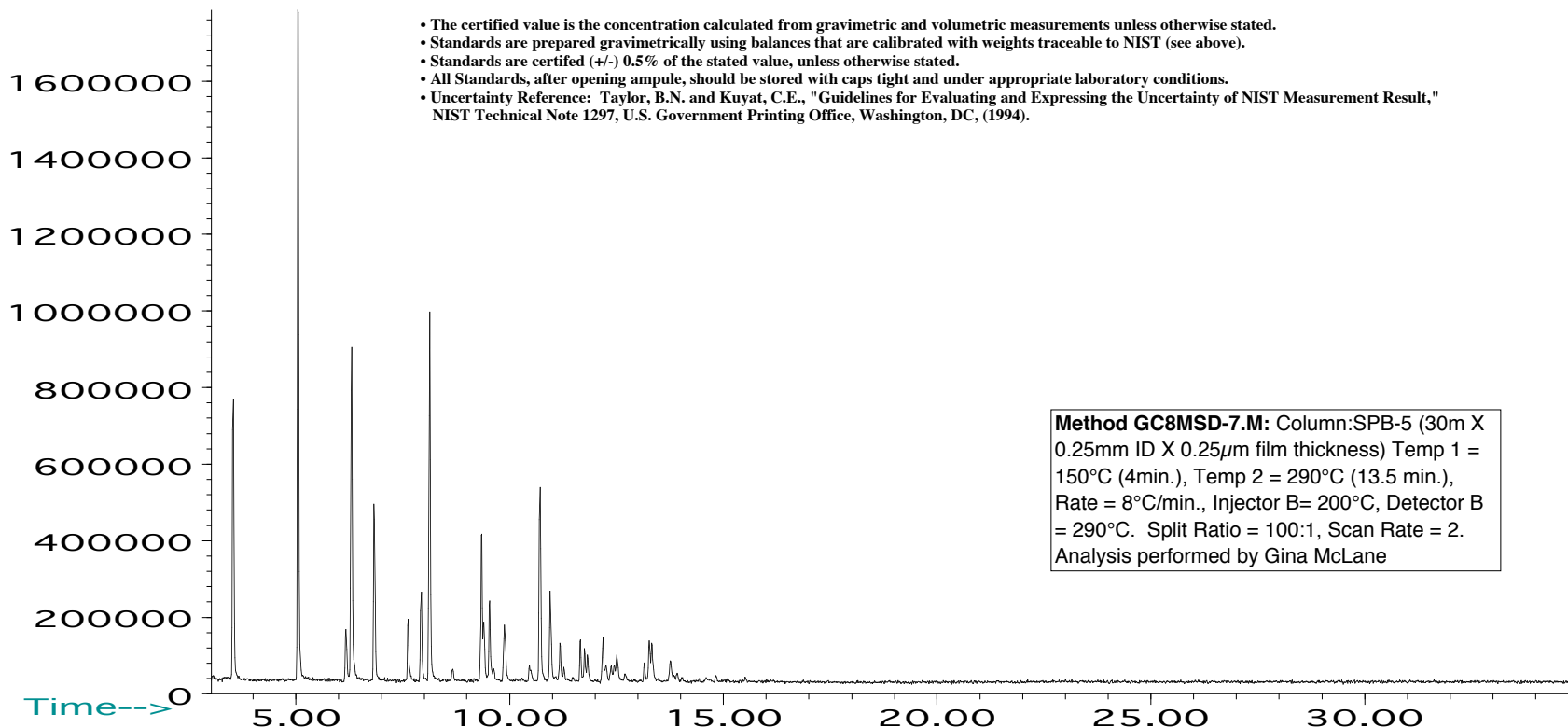
Weight(s) shown below were combined and diluted to (mL): 200.0 0.014 Balance Uncertainty Flask Uncertainty

		083116
Formulated By:	Jason Crisco	DATE
		083116
Reviewed By:	Pedro L. Rentas	DATE

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 1232	17	45-6A	1000	100.0	0.50	0.19997	0.20012	1000.8	10.0	11141-16-5	N/A	ori-rat 4470mg/kg

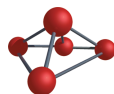
**Abundance**

**TIC: 70017.D**



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**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

**Run 16, "P70017 L083116 [1000µg/mL in MeOH]"**

Run Length: 35.00 min, 21000 points at 10 points/second.

Created: Thu, Sep 1, 2016 at 9:31:43 PM.

Sampled: Sequence "090116-GC14M1", Method "GC14-M1".

Analyzed using Method "GC14-M1".

**Comments**

GC14-M1 Analysis by Candice Warren

Column ID SPB-608 30 meter X 0.53mm X5µm film thickness

Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min

Hydrogen (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

