Absolute Standards, Inc.
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Certified Reference Material CRM

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
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CERTIFIED WEIGHT REPORT

Part Number:	**96741**	**Solvent(s):**	**Lot#**	
Lot Number:	062618	Methanol	DS435	
Description:	VOC Standard 2 components			
Expiration Date:	062623			
Recommended Storage:	Refrigerate (4 ºC)			
Nominal Concentration (µg/mL):	1000			
NIST Test ID#:	2684186	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):	50.0	0.007	Flask Uncertainty	

Eli Aliaga		062618
Formulated By:	Eli Aliaga	DATE
Pedro Rentas		062618
Reviewed By:	Pedro L. Rentas	DATE

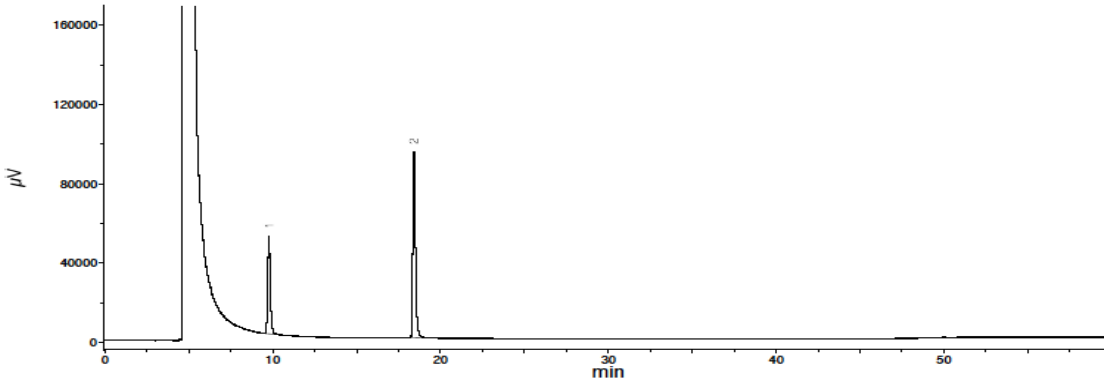
	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	1,2-Dichloroethane	32221	040418	0.05	2.50	0.017	20000.8	1000.1	14.2	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
2.	Methylene chloride	32351	122617	0.05	2.50	0.017	20008.7	1000.5	14.2	75-09-2	500 ppm	orl-rat 2136mg/kg

Run 23, "P96741 L062618 [1000µg/mL in MeOH]"

Run Length: 60.00 min, 36000 points at 10 points/second.
Created: Tue, Jun 26, 2018 at 8:59:17 PM.
Sampled: Sequence "062518-GC13M1", Method "GC13-M1".
Analyzed using Method "GC13-M1".

Comments
GC13-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=2

Name	FID RT (min.)
Methylene chloride	9.74
1,2-Dichloroethane	18.40



- **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 certifed (+/-) 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).**