==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: Paraben Mixture		
Sample ID	: Standard 10ppm		
Data Filename	: Tutorial_Std001.lcd		
Method Filename	: Tutorial_Method.lcm		
Batch Filename	: Tutorial_Batch.lcb		
Vial #	: 1-1	Sample Type	: Standard
Injection Volume	: 10 uL	Level	: 1
Date Acquired	: 5/12/2009 3:19:25 AM	Acquired by	: System Administrator
Date Processed	: 4/2/2010 4:02:25 PM	Processed by	: System Administrator

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<Method>

<<Header>>

Generated	: 5/11/2009 9:17:33 PM
GeneratedBy	: System Administrator
Modified	: 4/2/2010 3:59:11 PM
ModifiedBy	: System Administrator

<<System Controller>>

Model	: CBM-20A
Power On	: On
Event1	: Off
Event2	: Off
Event3	: Off
Event4	: Off

<<Data Acquisition>>

LC Stop Time	: 10.00 min
Detector A Name	: Detector A
Detector A Sampling Frequency	: 2 Hz
Detector A Start Time	: 0.00 min
Detector A End Time	: 10.00 min

<<Pump>>

Mode	: Binary gradient
Pump A	: LC-20AD
Pump B	: LC-20AD
Total Flow	: 1.0000 mL/min
B Conc.	: 45.0 %
B Curve	: 0
PressMax	: 10.0 MPa
PressMin	: 0.0 MPa

<<Autosampler>>

Autosampler Model	: SIL-20AC
Enable Autosampler	: Use
Sample Rack	: Rack 1.5mL 70 vials
Rinsing Volume	: 500 uL
Needle Stroke	: 52 mm
Control Vial Needle Stroke	: 52 mm
Rinsing Speed	: 35 uL/sec
Sampling Speed	: 15 uL/sec
Purge Time	: 25.0 min
Rinse Mode	: Before/After
Rinse Dip Time	: 0 sec
Cooler Temperature	: 15 C

<<Oven>>

Oven Model	: CTO-20AC
Enable Oven	: Use
Oven Temperature	: 40 C
Maximum Temperature	: 90 C

<<Detector A>>

Model	: SPD-20AV
Lamp	: D2
Polarity	: +
Response	: 1.0 sec
Use Cell Temp	: Use
Cell Temp.	: 40 C

Wavelength Ch1	: 254 nm
Intensity Unit	: Volt
Auxiliary Range	: 1.0 AU/V
Recorder Range	: 1.0000
Synchronize with Auxiliary Range	: Off
Recorder Mode	: Ch1 Chromatogram output
Ratio Range	: 10
Ratio Threshold	: 0.0001 AU

<<LC Time Program>>

Time	Module	Command	Value	Comment
10.00	Controller	Stop		

<<Peak Integration>>
<Detector A>

Channel	: Ch1 254nm	
Width	: 5 sec	
Slope	: 1000 uV/min	
Drift	: 0 uV/min	
T.DBL	: 1000 min	
Max Slices	: 0	
Peak Top Detection	: Baseline Subtracted	
RT Compensation Mode	: Fine	
Min.Area/Height is made effective in Manual Integration		: Off
Min.Area/Height	: 1000 counts	
Calculated by	: Area	
Noise Calculation Settings	: Noise Data	: Current Data
	Calculation Method	: ASTM
	Range	: Whole Range
	Interval	: 0.5 min
	Include the Peak Detected Range	: Off
	Detection Limit Coefficient	: 3.3
	Quantitative Limit Coefficient	: 10.0
Drift Calculation Settings	: 0.000 - 15.000 min	

<<Integration Time Program(Method)>>
<Detector A>

Channel	: Ch1 254nm
Time Program	: None

<<Integration Time Program(Data)>>
<Detector A>

Channel	: Ch1 254nm
Time Program	: None

<<Identification>>
<Detector A>

Window/Band	: Window
Window	: 5.00 %
Identification Method	: Absolute
Peak Selection	: Closest Peak
Display not identified peaks	: Not display

<<Quantitative>>
<Detector A>

Quantitative Method	: External Standard
Calculated by	: Area
# of Calibration Levels	: 3
Curve Fit Type	: Linear
Zero	: Not Forced
Weighting Method	: None
X Axis of Calib. Curve	: Area/Height
Units	: mg/L
Format of Conc.	: Decimals
Format of Conc. Figure	: 5
Group Type	: Not Used
Check %Dev(Standard)	: No
Check Accuracy[%](Standard)	: No
Check %Dev(Control)	: No
Check Accuracy[%](Control)	: No
Check %Dev(Additive)	: No
Check Accuracy[%](Additive)	: No
Check %Dev(Unknown)	: No
Check Accuracy[%](Unknown)	: No
Check Quantitation Limit	: No
Check Detect Limit	: No

<<Compound Table>>
<Detector A>

ID# : 1
Name : Methylparaben
Type : Target
Channel : Ch1 254nm
Retention Time : 3.046 min
Retention Index : 0
Concentration : [1]=10 [2]=20 [3]=40
Peak Selection : Default(Closest Peak)
Calculated by : Default(Area)
Curve Fit Type : Default(Linear)
Zero : Default(Not Forced)
Weight : Default(None)
Window/Band : Default(Window)
Spiked : 0.000
1st Coefficient : 1.716390e-005
Intersection : 0.000000e+000
Correction Factor : 1.000000
Standard concentration factor : 1.000000

ID# : 2
Name : Ethylparaben
Type : Target
Channel : Ch1 254nm
Retention Time : 3.924 min
Retention Index : 0
Concentration : [1]=10 [2]=20 [3]=40
Peak Selection : Default(Closest Peak)
Calculated by : Default(Area)
Curve Fit Type : Default(Linear)
Zero : Default(Not Forced)
Weight : Default(None)
Window/Band : Default(Window)
Spiked : 0.000
1st Coefficient : 1.905365e-005
Intersection : 0.000000e+000
Correction Factor : 1.000000
Standard concentration factor : 1.000000

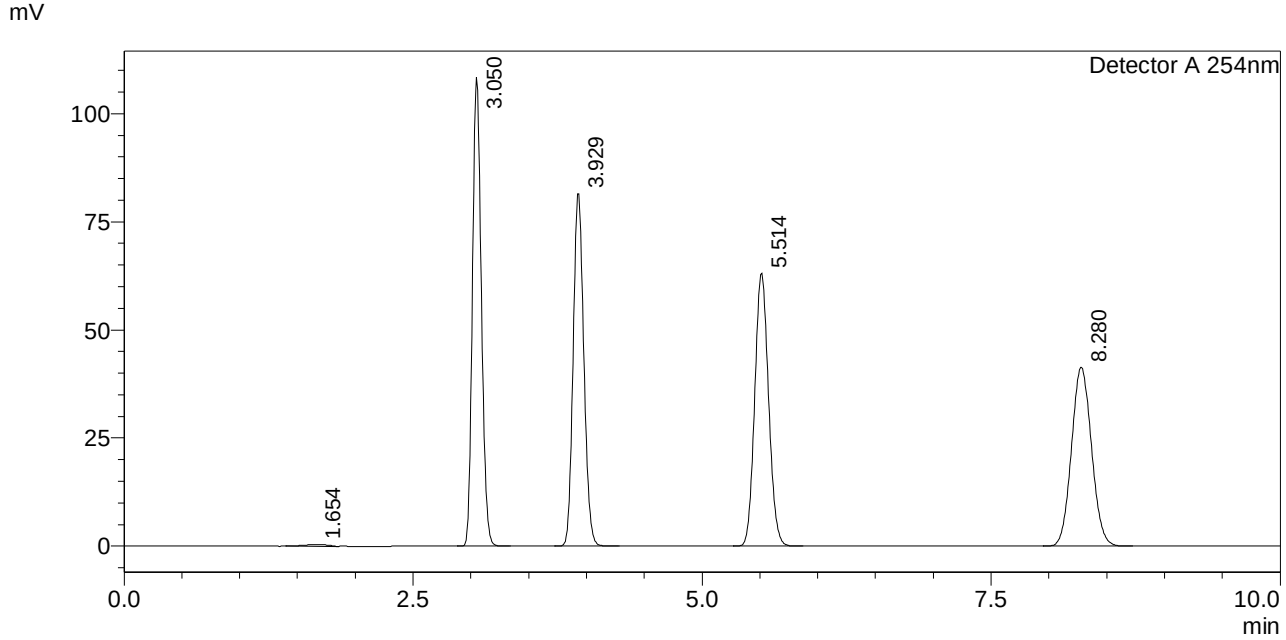
ID# : 3
Name : Propylparaben
Type : Target
Channel : Ch1 254nm
Retention Time : 5.505 min
Retention Index : 0
Concentration : [1]=10 [2]=20 [3]=40
Peak Selection : Default(Closest Peak)
Calculated by : Default(Area)
Curve Fit Type : Default(Linear)
Zero : Default(Not Forced)
Weight : Default(None)
Window/Band : Default(Window)
Spiked : 0.000
1st Coefficient : 1.896582e-005
Intersection : 0.000000e+000
Correction Factor : 1.000000
Standard concentration factor : 1.000000

ID# : 4
Name : Butylparaben
Type : Target
Channel : Ch1 254nm
Retention Time : 8.267 min
Retention Index : 0
Concentration : [1]=10 [2]=20 [3]=40
Peak Selection : Default(Closest Peak)
Calculated by : Default(Area)
Curve Fit Type : Default(Linear)
Zero : Default(Not Forced)
Weight : Default(None)
Window/Band : Default(Window)
Spiked : 0.000
1st Coefficient : 2.023925e-005
Intersection : 0.000000e+000
Correction Factor : 1.000000
Standard concentration factor : 1.000000

<<Column Performance>>
<Detector A>
Calculation Method : USP

Unretained Peak Time	: Time at 1st Peak
Column Length	: 150 mm
Calculate Identified Peaks Only	: Off
Calculation of Relative Retention Time	: Off

<Chromatogram>



<Peak Table>

Detector A 254nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1.654	5435	354	0.000			
2	3.050	582618	108362	10.000	mg/L		Methylparaben
3	3.929	524834	81456	10.000	mg/L		Ethylparaben
4	5.514	527264	63086	10.000	mg/L		Propylparaben
5	8.280	494089	41385	10.000	mg/L		Butylparaben
Total		2134241	294643				