

Clean Data MCPT Run Protocol

Sample:		ID:		Folder:	
Feed:				Date:	

Pre-run checklist

Gas valves:			Trace heating:		Temperatures:			Cooling temperatures:	
	top	mfc				Actual:	Setpoint:		
N2:			Preheat:		225 °C			Peltier	
O2:			GC 1:		TR			Pump	
alkane:			GC 2:		TR – 25K				
flush:			GC 3:		TR – 50K				
heater:					calibration:				

Sample & flows:

Sample properties:				Standard Feed			
Mass:					%:	actual	setpoint
before				alkane	3		
after				+ N2	12		
difference				O2	9		
Height:				N2	76		
Height:				Rich Feed			
Inert Flow Mixture					%:	actual	setpoint
	actual	setpoint		alkane	10		
				+ N2	40		
O2 5%				O2	5		
N2 95%				N2	45		

Flow setpoints

	GHSV	actual	high	low	set high	set low
Inert	1000					
x1	1000					
x2	2000					
x4	5000					
x½	500					
calibration:						

MCPT

Bandwith		Start	
Points		Stop	
Averaging		Calibration	
Cold Coupling			
	Freq.	log(a+bi)	
TM210			
TM020			

GC

Method:	
calibration:	