

=====  
Analysis BegunLogged In Analyst: UM Jabatan Kimia                      Technique: AA Flame  
Spectrometer Model: AAnalyst 400, S/N 201S7081502      Autosampler Model:

Sample Information File: C:\data-AA\UM Jabatan Kimia\Sample Information\Nensi.sif

Batch ID:

Results Data Set:

Results Library:

=====  
Method Loaded

Method Name: NensiCd

Method Last Saved: 3/5/2014 3:07:12 PM

Method Description: Cd detection in crude oil samples

Sequence No.: 67

Autosampler Location:

Sample ID: blank

Date Collected: 3/5/2014 3:08:47 PM

Analyst:

Data Type: Original

-----  
Replicate Data: blank

Repl #	SampleConc mg/L	StdConc mg/L	BlkCorr Signal	Time	Signal Stored
1		[0.00]	0.350	15:08:50	No
2		[0.00]	0.349	15:08:55	No
3		[0.00]	0.350	15:08:59	No
Mean:		[0.00]	0.350		
SD:		0.00	0.0007		
%RSD:		0.00	0.19		

Auto-zero performed.

Sequence No.: 68

Autosampler Location:

Sample ID: blank

Date Collected: 3/5/2014 3:09:07 PM

Analyst:

Data Type: Original

-----  
Replicate Data: blank

Repl #	SampleConc mg/L	StdConc mg/L	BlkCorr Signal	Time	Signal Stored
1		[0.00]	-0.000	15:09:07	No
2		[0.00]	-0.000	15:09:11	No
3		[0.00]	-0.000	15:09:16	No
Mean:		[0.00]	-0.000		
SD:		0.00	0.0002		
%RSD:		0.00	59.80		

Auto-zero performed.

Sequence No.: 69

Autosampler Location:

Sample ID: Calib Std 1

Date Collected: 3/5/2014 3:09:55 PM

Analyst:

Data Type: Original

-----  
Replicate Data: Calib Std 1

Repl #	SampleConc mg/L	StdConc mg/L	BlkCorr Signal	Time	Signal Stored
1		[0.4]	0.169	15:09:57	No
2		[0.4]	0.160	15:10:01	No
3		[0.4]	0.161	15:10:05	No
Mean:		[0.4]	0.163		
SD:		0.0	0.0052		
%RSD:		0.0	3.16		

Standard number 1 applied. [0.4]

Correlation Coef.: 1.000000      Slope: 0.40843      Intercept: 0.00000

Sequence No.: 70
Sample ID: Calib Std 2
Analyst:

Autosampler Location:
Date Collected: 3/5/2014 3:10:30 PM
Data Type: Original

Replicate Data: Calib Std 2

Table with 6 columns: Repl #, SampleConc mg/L, StndConc mg/L, BlnkCorr Signal, Time, Signal Stored. Includes summary statistics: Mean, SD, %RSD, and correlation data.

Sequence No.: 71
Sample ID: Calib Std 3
Analyst:

Autosampler Location:
Date Collected: 3/5/2014 3:11:05 PM
Data Type: Original

Replicate Data: Calib Std 3

Table with 6 columns: Repl #, SampleConc mg/L, StndConc mg/L, BlnkCorr Signal, Time, Signal Stored. Includes summary statistics: Mean, SD, %RSD, and correlation data.

Sequence No.: 72
Sample ID: Calib Std 4
Analyst:

Autosampler Location:
Date Collected: 3/5/2014 3:11:44 PM
Data Type: Original

Replicate Data: Calib Std 4

Table with 6 columns: Repl #, SampleConc mg/L, StndConc mg/L, BlnkCorr Signal, Time, Signal Stored. Includes summary statistics: Mean, SD, %RSD, and correlation data.

Calibration data for Cd 228.80

Equation: Linear Through Zero

Table with 6 columns: ID, Mean Signal (Abs), Entered Conc. mg/L, Calculated Conc. mg/L, Standard Deviation, %RSD. Includes correlation data at the bottom.

Sequence No.: 73
Sample ID: North Lukut A-1

Autosampler Location:
Date Collected: 3/5/2014 3:12:41 PM

Analyst: Data Type: Original

-----  
Replicate Data: North Lukut A-1

Repl #	SampleConc mg/L	StndConc mg/L	BlnkCorr Signal	Time	Signal Stored
1	0.145	0.145	0.057	15:12:42	No
2	0.145	0.145	0.057	15:12:46	No
3	0.145	0.145	0.057	15:12:51	No
Mean:	0.145	0.145	0.057		
SD:	0.000	0.000	0.0001		
%RSD:	0.197	0.197	0.20		

=====

Sequence No.: 74

Sample ID: North Lukut A-2

Analyst:

Autosampler Location:

Date Collected: 3/5/2014 3:13:23 PM

Data Type: Original

-----  
Replicate Data: North Lukut A-2

Repl #	SampleConc mg/L	StndConc mg/L	BlnkCorr Signal	Time	Signal Stored
1	0.147	0.147	0.057	15:13:24	No
2	0.147	0.147	0.057	15:13:28	No
3	0.150	0.150	0.058	15:13:33	No
Mean:	0.148	0.148	0.058		
SD:	0.001	0.001	0.0006		
%RSD:	1.005	1.005	1.01		

=====

Sequence No.: 75

Sample ID: North Lukut A-3

Analyst:

Autosampler Location:

Date Collected: 3/5/2014 3:14:00 PM

Data Type: Original

-----  
Replicate Data: North Lukut A-3

Repl #	SampleConc mg/L	StndConc mg/L	BlnkCorr Signal	Time	Signal Stored
1	0.149	0.149	0.058	15:14:01	No
2	0.151	0.151	0.059	15:14:05	No
3	0.148	0.148	0.058	15:14:10	No
Mean:	0.149	0.149	0.058		
SD:	0.001	0.001	0.0004		
%RSD:	0.726	0.726	0.73		

=====

Sequence No.: 76

Sample ID: North Lukut A-5

Analyst:

Autosampler Location:

Date Collected: 3/5/2014 3:14:31 PM

Data Type: Original

-----  
Replicate Data: North Lukut A-5

Repl #	SampleConc mg/L	StndConc mg/L	BlnkCorr Signal	Time	Signal Stored
1	0.155	0.155	0.060	15:14:31	No
2	0.157	0.157	0.061	15:14:35	No
3	0.157	0.157	0.061	15:14:39	No
Mean:	0.156	0.156	0.061		
SD:	0.001	0.001	0.0005		
%RSD:	0.818	0.818	0.82		

=====

Sequence No.: 77

Sample ID: North Lukut A-6

Analyst:

Autosampler Location:

Date Collected: 3/5/2014 3:15:01 PM

Data Type: Original

-----  
Replicate Data: North Lukut A-6

Repl #	SampleConc mg/L	StndConc mg/L	BlnkCorr Signal	Time	Signal
--------	-----------------	---------------	-----------------	------	--------

#	mg/L	mg/L	Signal		Stored
1	0.152	0.152	0.059	15:15:02	No
2	0.149	0.149	0.058	15:15:07	No
3	0.154	0.154	0.060	15:15:11	No
Mean:	0.152	0.152	0.059		
SD:	0.002	0.002	0.0008		
%RSD:	1.396	1.396	1.40		

Sequence No.: 78

Autosampler Location:

Sample ID: Penara A-2

Date Collected: 3/5/2014 3:15:39 PM

Analyst:

Data Type: Original

Replicate Data: Penara A-2

Repl #	SampleConc mg/L	StndConc mg/L	Blncorr Signal	Time	Signal Stored
1	0.120	0.120	0.047	15:15:40	No
2	0.120	0.120	0.047	15:15:45	No
3	0.122	0.122	0.047	15:15:49	No
Mean:	0.120	0.120	0.047		
SD:	0.001	0.001	0.0004		
%RSD:	0.834	0.834	0.83		

Sequence No.: 79

Autosampler Location:

Sample ID: Penara A-5L

Date Collected: 3/5/2014 3:16:12 PM

Analyst:

Data Type: Original

Replicate Data: Penara A-5L

Repl #	SampleConc mg/L	StndConc mg/L	Blncorr Signal	Time	Signal Stored
1	0.125	0.125	0.049	15:16:14	No
2	0.127	0.127	0.050	15:16:18	No
3	0.129	0.129	0.050	15:16:23	No
Mean:	0.127	0.127	0.050		
SD:	0.002	0.002	0.0008		
%RSD:	1.523	1.523	1.52		

Sequence No.: 80

Autosampler Location:

Sample ID: Penara A-6L

Date Collected: 3/5/2014 3:16:45 PM

Analyst:

Data Type: Original

Replicate Data: Penara A-6L

Repl #	SampleConc mg/L	StndConc mg/L	Blncorr Signal	Time	Signal Stored
1	0.121	0.121	0.047	15:16:46	No
2	0.122	0.122	0.048	15:16:50	No
3	0.123	0.123	0.048	15:16:55	No
Mean:	0.122	0.122	0.048		
SD:	0.001	0.001	0.0002		
%RSD:	0.523	0.523	0.52		