

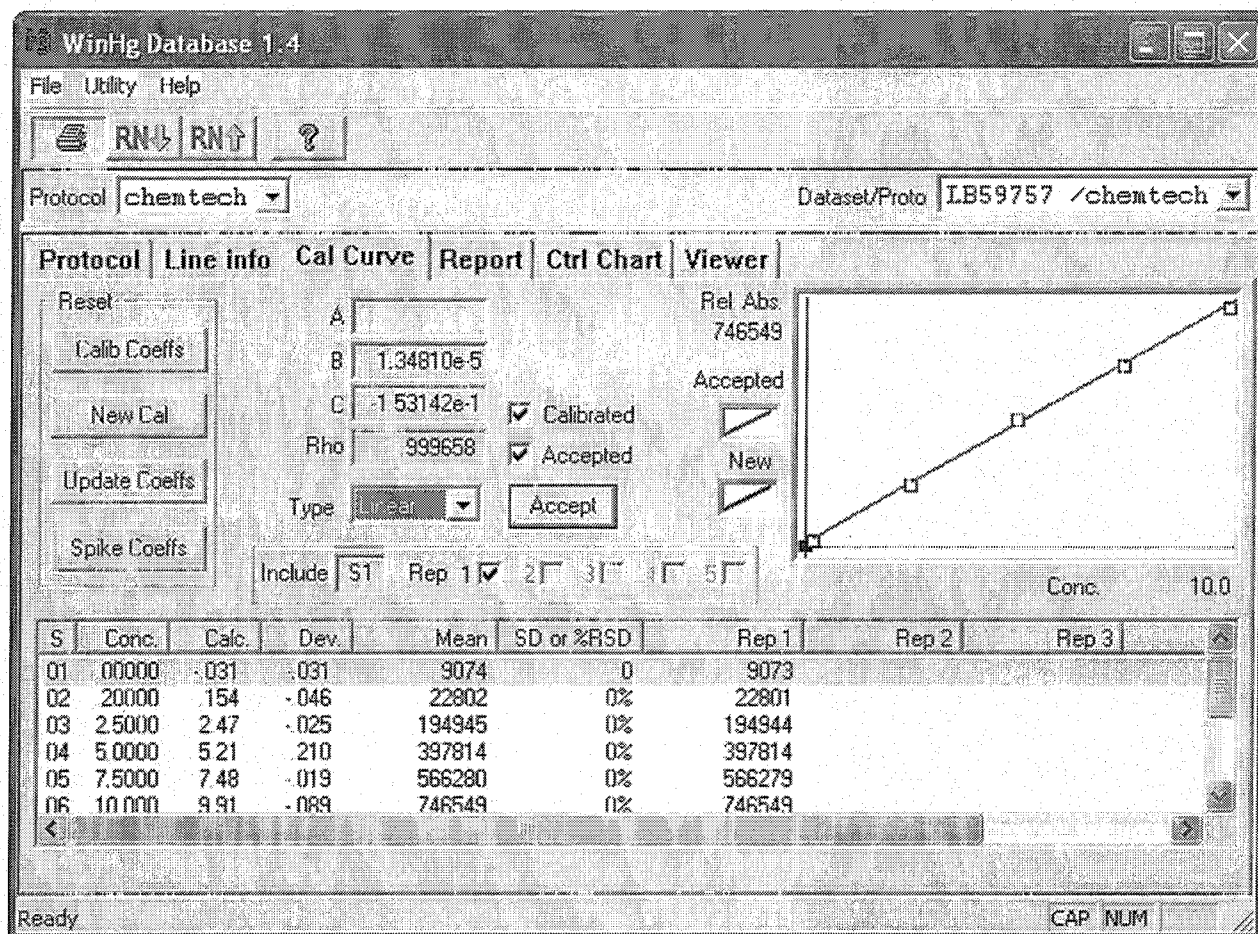
MERCURY ANALYSIS LOGBOOK

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Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
03/14/12	D1694	PB61674	11:05	10212	26259	20382	41063	592305
	D1738							
	D1783							
03/14/12	D1768	PB61677	12:35	9680	27222	17960	323169	462714
	D1779							
03/14/12	D1770	PB61675	14:53	6450	11772	139443	262664	462715
	D1770	PB61675						
	D1775	PB61676	8:45	7945	19069	151104	268733	456366
	D1776							
	D1777							
03/16/12	D1807	PB61708	9:12	9074	21485	151327	280829	355216
	D1817							
03/16/12	D1800	PB61707	11:00	8828	22529	190323	362530	552579
	D1808							
	D1814							
	D1813	PB61721						
03/16/12	D1800	PB61711	14:18	9073	22801	194944	397814	566279
	D1800	PB61712						
	D1802	PB61706						

STD 5	End Time	Correlation Coefficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
776076	12:15	.999752	MP10834	ICV-63 TSC-63	A-J-Retel	Dm
				cer-87, 88	A-J-Retel	Dm
624266	14:41	.999877	MP10834	cer-87, 88	A-J-Retel	Dm
					A-J-Retel	Dm
555266	16:39	.999807	MP10834		A-J-Retel	Dm
					A-J-Retel	Dm
593067	9:54	.999230	MP10834		A-J-Retel	Dm
					A-J-Retel	Dm
619842	10:18	.999451	MP10861		A-J-Retel	Dm
					A-J-Retel	Dm
708596	13:27	.999385	MP10861		A-J-Retel	Dm
					A-J-Retel	Dm
					A-J-Retel	Dm
146599	18:40	.999655	MP10861		A-J-Retel	Dm
					A-J-Retel	Dm
					A-J-Retel	Dm

LB59757 A-R



Instrument ID: W2 VS 59757 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1			50	Seq: 1		14:48:51 16 Mar 12	HG	
Hg	.000	ppb	9073					
*** Standard: 2 Rep: 1			50.2	Seq: 2		14:51:21 16 Mar 12	HG	
Hg	.200	ppb	22801					
*** Standard: 3 Rep: 1			52.5	Seq: 3		14:53:33 16 Mar 12	HG	
Hg	2.50	ppb	194944					
*** Standard: 4 Rep: 1			55.0	Seq: 4		14:55:32 16 Mar 12	HG	
Hg	5.00	ppb	397814					
*** Standard: 5 Rep: 1			57.5	Seq: 5		14:57:42 16 Mar 12	HG	
Hg	7.50	ppb	566279					
*** Standard: 6 Rep: 1			510.0	Seq: 6		14:59:42 16 Mar 12	HG	
Hg	10.0	ppb	746549					

03/16/12 A-P

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICV								
			ICV	Seq: 7		15:02:10	16 Mar 12	HG
Hg	4.04	ppb	.000	4.04				
*** Sample ID: ICB								
			ICB	Seq: 8		15:12:19	16 Mar 12	HG
Hg	-.003	ppb	.000	-.003				
*** Check Standard: 2 Ck2								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104.	5.19	5.00	ppb	.000	15:20:43	16 Mar 12 HG
*** Check Standard: 1 Ck1								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.028	.200	ppb	.000		15:28:20	16 Mar 12 HG
*** Sample ID: CRA								
			CRA	Seq: 11		15:35:03	16 Mar 12	HG
Hg	.152	ppb	.000	.152				
*** Sample ID: HIGH STD								
			HIGH STD	Seq: 12		15:37:13	16 Mar 12	HG
Hg	10.1	ppb	.000	10.1				
*** Sample ID: CHK STD								
			CHK STD	Seq: 13		15:39:36	16 Mar 12	HG
Hg	7.36	ppb	.000	7.36				
*** Sample ID: PB61711BL								
			PBS	Seq: 14		15:41:49	16 Mar 12	HG
Hg	-.013	ppb	.000	-.013				
*** Sample ID: PB61711BS								
			LCSS	Seq: 15		15:45:08	16 Mar 12	HG
Hg	3.86	ppb	.000	3.86				
*** Sample ID: PB61712BL								
			PBS	Seq: 16		15:47:55	16 Mar 12	HG
Hg	-.005	ppb	.000	-.005				
*** Sample ID: PB61712BS								
			LCSS	Seq: 17		15:49:55	16 Mar 12	HG
Hg	3.92	ppb	.000	3.92				
*** Sample ID: PB61706BL								
			PBS	Seq: 18		15:51:54	16 Mar 12	HG
Hg	-.060	ppb	.000	-.060				

Line	Conc.	Units	SD/RSD		1	2	3	4	5		

***	Check Standard:	2	Ck2		Seq:	19	16:01:32	16	Mar	12	HG
Line	Flag	%Rcv.	Found	True	Units		SD/RSD				
Hg		103.	5.16	5.00	ppb		.000				
***	Check Standard:	1	Ck1		Seq:	20	16:08:42	16	Mar	12	HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD					
Hg		-.019	.200	ppb		.000					
***	Sample ID:	PB61706BS			Seq:	21	16:16:30	16	Mar	12	HG
Hg	3.93	ppb	.000	LCSS	3.93						
***	Sample ID:	D1800-01			Seq:	22	16:24:13	16	Mar	12	HG
Hg	.928	ppb	.000		.928						
***	Sample ID:	D1800-02			Seq:	23	16:27:43	16	Mar	12	HG
Hg	.814	ppb	.000		.814						
***	Sample ID:	D1800-03			Seq:	24	16:29:43	16	Mar	12	HG
Hg	.252	ppb	.000		.252						
***	Sample ID:	D1800-04			Seq:	25	16:31:46	16	Mar	12	HG
Hg	.327	ppb	.000		.327						
***	Sample ID:	D1800-05			Seq:	26	16:34:28	16	Mar	12	HG
Hg	.372	ppb	.000		.372						
***	Sample ID:	D1800-06			Seq:	27	16:36:50	16	Mar	12	HG
Hg	.387	ppb	.000		.387						
***	Check Standard:	2	Ck2		Seq:	28	16:39:19	16	Mar	12	HG
Line	Flag	%Rcv.	Found	True	Units		SD/RSD				
Hg		101.	5.06	5.00	ppb		.000				
***	Check Standard:	1	Ck1		Seq:	29	16:41:34	16	Mar	12	HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD					
Hg		-.023	.200	ppb		.000					
***	Sample ID:	D1800-07			Seq:	30	16:43:53	16	Mar	12	HG
Hg	.319	ppb	.000		.319						

Line	Conc.	Units	SD/RSD		1	2	3	4	5

***	Sample ID: D1800-07D				Seq:	31	16:46:13	16 Mar 12	HG
Hg	.281	ppb	.000		.281				
***	Sample ID: D1800-07L				Seq:	32	16:48:24	16 Mar 12	HG
Hg	-.001	ppb	.000		-.001				
***	Check Standard: 2 Ck2				Seq:	33	16:51:06	16 Mar 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		103.	5.13	5.00	ppb	.000			
***	Check Standard: 1 Ck1				Seq:	34	16:53:05	16 Mar 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.007	.200	ppb	.000				
***	Sample ID: D1800-08				Seq:	35	16:55:03	16 Mar 12	HG
Hg	4.16	ppb	.000		4.16				
***	Sample ID: D1800-09				Seq:	36	16:57:07	16 Mar 12	HG
Hg	4.18	ppb	.000		4.18				
***	Sample ID: D1800-07A				Seq:	37	16:59:07	16 Mar 12	HG
Hg	4.08	ppb	.000		4.08				
***	Sample ID: D1800-10				Seq:	38	17:01:10	16 Mar 12	HG
Hg	.636	ppb	.000		.636				
***	Sample ID: D1800-10D				Seq:	39	17:05:06	16 Mar 12	HG
Hg	.488	ppb	.000		.488				
***	Sample ID: D1800-10L				Seq:	40	17:13:44	16 Mar 12	HG
Hg	.086	ppb	.000		.086				
***	Check Standard: 2 Ck2				Seq:	41	17:20:02	16 Mar 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		102.	5.09	5.00	ppb	.000			
***	Check Standard: 1 Ck1				Seq:	42	17:28:02	16 Mar 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.028	.200	ppb	.000				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID: D1800-11			Seq:	43	17:35:27 16 Mar 12 HG		
Hg	4.41	ppb	.000	4.41				
***	Sample ID: D1800-12			Seq:	44	17:37:30 16 Mar 12 HG		
Hg	4.41	ppb	.000	4.41				
***	Sample ID: D1800-10A			Seq:	45	17:39:33 16 Mar 12 HG		
Hg	4.64	ppb	.000	4.64				
***	Sample ID: D1800-13			Seq:	46	17:42:02 16 Mar 12 HG		
Hg	.346	ppb	.000	.346				
***	Sample ID: D1800-14			Seq:	47	17:45:59 16 Mar 12 HG		
Hg	.409	ppb	.000	.409				
***	Sample ID: D1800-15			Seq:	48	17:48:13 16 Mar 12 HG		
Hg	.232	ppb	.000	.232				
***	Sample ID: D1800-16			Seq:	49	17:50:13 16 Mar 12 HG		
Hg	.473	ppb	.000	.473				
***	Sample ID: D1800-17			Seq:	50	17:52:16 16 Mar 12 HG		
Hg	.765	ppb	.000	.765				
***	Check Standard: 2 Ck2			Seq:	51	17:54:25 16 Mar 12 HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	5.10	5.00	ppb	.000		
***	Check Standard: 1 Ck1			Seq:	52	17:56:35 16 Mar 12 HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.038	.200	ppb	.000			
***	Sample ID: D1800-18			Seq:	53	17:58:36 16 Mar 12 HG		
Hg	.362	ppb	.000	.362				
***	Sample ID: D1800-20			Seq:	54	18:00:51 16 Mar 12 HG		
Hg	.243	ppb	.000	.243				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID: D1800-21			Seq:	55	18:02:53	16 Mar 12	HG
Hg	1.13	ppb	.000	1.13				
***	Sample ID: D1800-22			Seq:	56	18:04:53	16 Mar 12	HG
Hg	.820	ppb	.000	.820				
***	Sample ID: D1800-23			Seq:	57	18:08:14	16 Mar 12	HG
Hg	.387	ppb	.000	.387				
***	Sample ID: D1800-24			Seq:	58	18:10:14	16 Mar 12	HG
Hg	.144	ppb	.000	.144				
***	Sample ID: D1800-25			Seq:	59	18:12:31	16 Mar 12	HG
Hg	.672	ppb	.000	.672				
***	Sample ID: D1800-26			Seq:	60	18:14:46	16 Mar 12	HG
Hg	.207	ppb	.000	.207				
***	Check Standard: 2 Ck2			Seq:	61	18:16:51	16 Mar 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.	5.03	5.00	ppb	.000		
***	Check Standard: 1 Ck1			Seq:	62	18:18:52	16 Mar 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.066	.200	ppb	.000			
***	Sample ID: D1802-01			Seq:	63	18:21:31	16 Mar 12	HG
Hg	1.01	ppb	.000	1.01				
***	Sample ID: D1802-02			Seq:	64	18:23:44	16 Mar 12	HG
Hg	1.23	ppb	.000	1.23				
***	Sample ID: D1802-02D			Seq:	65	18:27:41	16 Mar 12	HG
Hg	.867	ppb	.000	.867				
***	Sample ID: D1802-02L			Seq:	66	18:30:05	16 Mar 12	HG
Hg	.231	ppb	.000	.231				

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: D1802-02S									
				Seq: 67	18:32:09 16 Mar 12	HG			
Hg	4.76	ppb	.000	4.76					
*** Sample ID: D1802-02SD									
				Seq: 68	18:34:29 16 Mar 12	HG			
Hg	4.74	ppb	.000	4.74					
*** Sample ID: D1802-02A									
				Seq: 69	18:36:35 16 Mar 12	HG			
Hg	4.71	ppb	.000	4.71					
*** Check Standard: 2 Ck2									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.	5.06	5.00	ppb	.000			
*** Check Standard: 1 Ck1									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.031	.200	ppb	.000				
*** Sample ID: D1802-03									
				Seq: 72	18:42:43 16 Mar 12	HG			
Hg	.759	ppb	.000	.739					
*** Sample ID: D1802-04									
				Seq: 73	18:44:44 16 Mar 12	HG			
Hg	.464	ppb	.000	.464					
*** Sample ID: D1802-05									
				Seq: 74	18:46:53 16 Mar 12	HG			
Hg	.754	ppb	.000	.754					
*** Sample ID: D1802-06									
				Seq: 75	18:49:15 16 Mar 12	HG			
Hg	.673	ppb	.000	.673					
*** Sample ID: D1802-07									
				Seq: 76	18:51:37 16 Mar 12	HG			
Hg	1.25	ppb	.000	1.25					
*** Sample ID: D1802-08									
				Seq: 77	18:53:39 16 Mar 12	HG			
Hg	.799	ppb	.000	.799					
*** Sample ID: D1802-09									
				Seq: 78	18:55:42 16 Mar 12	HG			
Hg	.872	ppb	.000	.872					

A-B-03/16/12