

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
11/15/13 (3000)	E41286	PB-732444	19:09	1687	32548	334181	737768	1079109
↓	E41287	PB-732445	↓	↓	↓	↓	↓	↓
11/18/13 (7478)	E41302	PB-732446	13:04	1904	335205	346523	601916	727718
↓	E41315	↓	↓	↓	↓	↓	↓	↓
↓	E41322	↓	↓	↓	↓	↓	↓	↓
↓	E41340	↓	↓	↓	↓	↓	↓	↓
↓	E41377	PB-73257	↓	↓	↓	↓	↓	↓
↓	E41305	↓	↓	↓	↓	↓	↓	↓
↓	E41313	PB-73258	↓	↓	↓	↓	↓	↓
↓	E41318	PB-73263	↓	↓	↓	↓	↓	↓
↓	E41328	↓	↓	↓	↓	↓	↓	↓
↓	E41339	↓	↓	↓	↓	↓	↓	↓
11/19/13 (2125)	E41384	PB-73334	19:12	52	2639	30132	62502	92211
↓	E41385	↓	↓	↓	↓	↓	↓	↓
↓	E41405	↓	↓	↓	↓	↓	↓	↓
11/19/13 (2405)	E41322	PB-73350	10:46	-517	2174	24778	55682	81136
↓	E41441	PB-73386	16:26	-2629	8150	123177	257891	416666
11/19/13 (2406)	E41467	PB-73441	16:23	-6007	8473	130101	275246	407211
↓	E41483	↓	↓	↓	↓	↓	↓	↓
11/19/13 (2405)	E41482	PB-73520	18:47	-31	1012	14324	26715	41504
11/19/13 (2406)	E41488	PB-73539	12:26	-291	4405	44188	88621	124008
↓	E41489	PB-73540	↓	↓	↓	↓	↓	↓
↓	E41508	PB-73541	↓	↓	↓	↓	↓	↓
↓	E41511	PB-73542	↓	↓	↓	↓	↓	↓

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coefficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
1177553	21:03	0.999702	MP18713	ICV18-52 CCV18-60-62	JR	AS
↓	↓	↓	↓	↓	↓	↓
1235402	18:31	0.999662	MP18729	ICV18-54 CCV18-63-74	JR	AS
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
1205415	20:20	0.999612	MP18747	ICV18-54 CCV18-75-77	JR	AS
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
109984	11:42	0.999631	MP18783	ICV18-65 CCV18-78-80	JR	AS
502666	17:26	0.999619	MP18814	ICV18-56 CCV18-81-83	JR	AS
528028	17:29	0.999500	MP18836	ICV18-57 CCV18-84-86	JR	AS
↓	↓	↓	↓	↓	↓	↓
57240	19:45	0.999613	MP18884	ICV18-58 CCV18-87-89	JR	AS
174498	16:32	0.999801	MP18924	ICV18-59 CCV18-90-95	JR	AS
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓
↓	↓	↓	↓	↓	↓	↓

LB 68690 CVZ

WinHg Database 1.4 [] [] [X]

File Utility Help

Protocol **chemtech** Dataset/Proto **IB68690 /chemtech** Instrument ID: **CVZ**

Protocol | **Line info** | **Cal Curve** | **Report** | **Ctrl Chart** | **Viewer**

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B *slope*

C *y-intercept*

Rho

Type **Linear**

☒ Calibrated

☒ Accepted

Accept

Rel. Abs.

Accepted ☒

New ☐

Include **ST** Rep 1 ☒ 2 ☐ 3 ☐ 4 ☐ 5 ☐

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.079	-.079	-.291	0	-.291		
02	.20000	.189	-.011	4406	0%	4405	-6	
03	2.5000	2.59	.093	46488	0%	46488	4	
04	5.0000	5.00	-.000	88621	0%	88621	0	
05	7.5000	7.59	.092	134009	0%	134008	1	
06	10.000	9.90	-.095	174498	0%	174498	-1	

%D $\approx 1/20(13)$ Conc. 10.0

Ready CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1	Rep: 1	50.0		Seq: 14		12:26:20	20 Nov 13	HG
Hg	.000	PPB	-291					
*** Standard: 2	Rep: 1	50.2		Seq: 18		12:35:16	20 Nov 13	HG
Hg	.200	PPB	4405					
*** Standard: 3	Rep: 1	52.5		Seq: 19		12:37:16	20 Nov 13	HG
Hg	2.50	PPB	46488					
*** Standard: 4	Rep: 1	55.0		Seq: 20		12:39:44	20 Nov 13	HG
Hg	5.00	PPB	88621					
*** Standard: 5	Rep: 1	57.5		Seq: 24		12:47:56	20 Nov 13	HG
Hg	7.50	PPB	134008					
*** Standard: 6	Rep: 1	50.0		Seq: 27		12:54:09	20 Nov 13	HG
Hg	10.0	PPB	174498					
*** Sample ID: ICB59				Seq: 28		12:56:54	20 Nov 13	HG
Hg	3.89	PPB	69138					
*** Sample ID: ICB59				Seq: 29		12:58:52	20 Nov 13	HG
Hg	-.087	PPB	-433					
*** Sample ID: CCV90				Seq: 30		13:01:08	20 Nov 13	HG
Hg	5.08	PPB	89968					
*** Sample ID: CCB90				Seq: 31		13:03:16	20 Nov 13	HG
Hg	-.022	PPB	714					
*** Sample ID: PBW02				Seq: 32		13:05:15	20 Nov 13	HG
Hg	-.098	PPB	-625					
*** Sample ID: MBB1F1				Seq: 33		13:08:12	20 Nov 13	HG
Hg	-.136	PPB	-1297					
*** Sample ID: MBB1F4				Seq: 34		13:10:08	20 Nov 13	HG
Hg	-.021	PPB	726					
*** Sample ID: MBB1F9				Seq: 35		13:12:06	20 Nov 13	HG
Hg	-.121	PPB	-1026					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MBB1G0				Seq: 36	13:14:05	20 Nov 13	HG	
			E4488-04					
Hg	-.111	PPB	-847					=
=====								
*** Sample ID: MBB1G0D				Seq: 37	13:16:12	20 Nov 13	HG	
			E4488-05					
Hg	-.135	PPB	-1269					=
=====								
*** Sample ID: MBB1G0S				Seq: 38	13:18:12	20 Nov 13	HG	
			E4488-06					
Hg	.972	PPB	18110					=
=====								
*** Sample ID: MBB1G5				Seq: 39	13:20:29	20 Nov 13	HG	
			E4488-07					
Hg	-.068	PPB	-101					=
=====								
*** Sample ID: MBB1G6				Seq: 40	13:22:30	20 Nov 13	HG	
			E4488-08					
Hg	-.038	PPB	418					=
=====								
*** Sample ID: MBB1H4				Seq: 41	13:24:31	20 Nov 13	HG	
			E4488-09					
Hg	-.037	PPB	442					=
=====								
*** Sample ID: MBB1H5				Seq: 42	13:26:50	20 Nov 13	HG	
			E4488-10					
Hg	-.186	PPB	-2172					=
=====								
*** Sample ID: MBB1H6				Seq: 43	13:28:49	20 Nov 13	HG	
			E4488-11					
Hg	.070	PPB	2315					=
=====								
*** Sample ID: MBB1J3				Seq: 44	13:30:48	20 Nov 13	HG	
			E4488-12					
Hg	-.131	PPB	-1197					=
=====								
*** Sample ID: MBB1J4				Seq: 45	13:33:16	20 Nov 13	HG	
			E4488-13					
Hg	-.135	PPB	-1268					=
=====								
*** Sample ID: MBB1K1				Seq: 46	13:35:25	20 Nov 13	HG	
			E4488-14					
Hg	-.105	PPB	-749					=
=====								
*** Sample ID: MBB1K2				Seq: 47	13:37:42	20 Nov 13	HG	
			E4488-15					
Hg	-.046	PPB	293					=
=====								
*** Sample ID: MBB1K3				Seq: 48	13:39:39	20 Nov 13	HG	
			E4488-16					
Hg	-.072	PPB	-167					=
=====								

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MBB1K4				Seq: 49	13:41:52	20 Nov 13	HG	
			E4488-17					
Hg	-.124	PPB	-1078					=
=====								
*** Sample ID: CCV91				Seq: 50	13:43:50	20 Nov 13	HG	
			CCV91					
Hg	5.00	PPB	88561					=
=====								
*** Sample ID: CCB91				Seq: 51	13:45:45	20 Nov 13	HG	
			CCB91					
Hg	-.165	PPB	-1796					=
=====								
*** Sample ID: PBW02				Seq: 52	13:47:44	20 Nov 13	HG	
			PB73540BL					
Hg	-.024	PPB	666					=
=====								
*** Sample ID: MBB1F5				Seq: 53	13:49:46	20 Nov 13	HG	
			E4489-01					
Hg	-.107	PPB	-775					=
=====								
*** Sample ID: MBB1F6				Seq: 54	13:51:43	20 Nov 13	HG	
			E4489-02					
Hg	-.043	PPB	335					=
=====								
*** Sample ID: MBB1G1				Seq: 55	13:53:55	20 Nov 13	HG	
			E4489-03					
Hg	-.034	PPB	494					=
=====								
*** Sample ID: MBB1G2				Seq: 56	13:56:22	20 Nov 13	HG	
			E4489-04					
Hg	-.053	PPB	165					=
=====								
*** Sample ID: MBB1G2D				Seq: 57	13:58:52	20 Nov 13	HG	
			E4489-05					
Hg	-.069	PPB	-118					=
=====								
*** Sample ID: MBB1G2S				Seq: 58	14:00:48	20 Nov 13	HG	
			E4489-06					
Hg	.990	PPB	18416					=
=====								
*** Sample ID: MBB1G7				Seq: 59	14:03:00	20 Nov 13	HG	
			E4489-07					
Hg	-.092	PPB	-515					=
=====								
*** Sample ID: MBB1G8				Seq: 60	14:05:13	20 Nov 13	HG	
			E4489-08					
Hg	-.068	PPB	-106					=
=====								
*** Sample ID: MBB1H7				Seq: 61	14:07:21	20 Nov 13	HG	
			E4489-09					
Hg	-.091	PPB	-506					=
=====								

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MBB1H8				Seq: 62	14:09:21	20 Nov 13	HG	
			E4489-10					
Hg	-.201	PPB	-2426					=
=====								
*** Sample ID: MBB1H9				Seq: 63	14:12:37	20 Nov 13	HG	
			E4489-11					
Hg	-.071	PPB	-160					=
=====								
*** Sample ID: MBB1K5				Seq: 64	14:14:45	20 Nov 13	HG	
			E4489-12					
Hg	-.039	PPB	415					=
=====								
*** Sample ID: MBB1K6				Seq: 65	14:16:54	20 Nov 13	HG	
			E4489-13					
Hg	-.080	PPB	-302					=
=====								
*** Sample ID: MBB1K7				Seq: 66	14:18:51	20 Nov 13	HG	
			E4489-14					
Hg	-.028	PPB	606					=
=====								
*** Sample ID: MBB1K8				Seq: 67	14:20:50	20 Nov 13	HG	
			E4489-15					
Hg	-.050	PPB	215					=
=====								
*** Sample ID: MBB1K9				Seq: 68	14:23:33	20 Nov 13	HG	
			E4489-16					
Hg	.071	PPB	2328					=
=====								
*** Sample ID: MBB1L0				Seq: 69	14:25:54	20 Nov 13	HG	
			E4489-17					
Hg	-.081	PPB	-332					=
=====								
*** Sample ID: CCV92				Seq: 70	14:27:51	20 Nov 13	HG	
			CCV92					
Hg	5.05	PPB	89482					=
=====								
*** Sample ID: CCB92				Seq: 71	14:30:03	20 Nov 13	HG	
			CCB92					
Hg	-.004	PPB	1026					=
=====								
*** Sample ID: PBW02				Seq: 72	14:32:16	20 Nov 13	HG	
			PB73541BL					
Hg	-.090	PPB	-492					=
=====								
*** Sample ID: MBAWS9				Seq: 73	14:34:17	20 Nov 13	HG	
			E4508-01					
Hg	-.112	PPB	-863					=
=====								
*** Sample ID: MBAWT0				Seq: 74	14:36:17	20 Nov 13	HG	
			E4508-02					
Hg	-.085	PPB	-401					=
=====								

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MBAWT5				Seq: 75	14:38:18	20 Nov 13	HG	
			E4508-03					
Hg	.057	PPB	2081					=
=====								
*** Sample ID: MBAWT6				Seq: 76	14:40:24	20 Nov 13	HG	
			E4508-04					
Hg	-.044	PPB	322					=
=====								
*** Sample ID: MBAWT6D				Seq: 78	14:47:19	20 Nov 13	HG	
			E4508-05					
Hg	-.069	PPB	-122					=
=====								
*** Sample ID: MBAWT6S				Seq: 79	14:49:27	20 Nov 13	HG	
			E4508-06					
Hg	1.02	PPB	19015					=
=====								
*** Sample ID: MBAWT7				Seq: 80	14:51:26	20 Nov 13	HG	
			E4508-07					
Hg	-.023	PPB	684					=
=====								
*** Sample ID: MBAWT8				Seq: 81	14:53:25	20 Nov 13	HG	
			E4508-08					
Hg	-.120	PPB	-1019					=
=====								
*** Sample ID: MBAWW0				Seq: 82	14:55:23	20 Nov 13	HG	
			E4508-09					
Hg	-.112	PPB	-868					=
=====								
*** Sample ID: MBAWW1				Seq: 83	14:57:55	20 Nov 13	HG	
			E4508-10					
Hg	.069	PPB	2290					=
=====								
*** Sample ID: MBAWW2				Seq: 84	14:59:55	20 Nov 13	HG	
			E4508-11					
Hg	-.146	PPB	-1471					=
=====								
*** Sample ID: MBAWW3				Seq: 85	15:02:32	20 Nov 13	HG	
			E4508-12					
Hg	-.081	PPB	-331					=
=====								
*** Sample ID: MBAWW4				Seq: 86	15:04:44	20 Nov 13	HG	
			E4508-13					
Hg	-.044	PPB	313					=
=====								
*** Sample ID: MBAWW5				Seq: 87	15:06:44	20 Nov 13	HG	
			E4508-14					
Hg	-.014	PPB	854					=
=====								
*** Sample ID: MBAWW6				Seq: 88	15:08:52	20 Nov 13	HG	
			E4508-15					
Hg	-.045	PPB	294					=
=====								

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MBAWW7				Seq: 89	15:10:51	20 Nov 13	HG	
			E4508-16					
Hg	-.056	PPB	103					
=====								
*** Sample ID: MBAWW8				Seq: 90	15:13:03	20 Nov 13	HG	
			E4508-17					
Hg	-.126	PPB	-1123					
=====								
*** Sample ID: MBAWW9				Seq: 91	15:15:50	20 Nov 13	HG	
			E4508-18					
Hg	-.104	PPB	-725					
=====								
*** Sample ID: MBAWX0				Seq: 92	15:18:03	20 Nov 13	HG	
			E4508-19					
Hg	.075	PPB	2398					
=====								
*** Sample ID: CCV93				Seq: 93	15:20:05	20 Nov 13	HG	
			CCV93					
Hg	5.07	PPB	89897					
=====								
*** Sample ID: CCB93				Seq: 94	15:22:07	20 Nov 13	HG	
			CCB93					
Hg	-.071	PPB	-151					
=====								
*** Sample ID: MBAWX1				Seq: 95	15:24:10	20 Nov 13	HG	
			E4508-20					
Hg	-.047	PPB	275					
=====								
*** Sample ID: PBW02				Seq: 96	15:26:12	20 Nov 13	HG	
			PB73542BL					
Hg	-.088	PPB	-458					
=====								
*** Sample ID: MC0HB0				Seq: 97	15:28:15	20 Nov 13	HG	
			E4511-01					
Hg	-.119	PPB	-991					
=====								
*** Sample ID: MC0HB1				Seq: 98	15:30:12	20 Nov 13	HG	
			E4511-02					
Hg	-.055	PPB	120					
=====								
*** Sample ID: MC0HB2				Seq: 99	15:32:10	20 Nov 13	HG	
			E4511-03					
Hg	.106	PPB	2944					
=====								
*** Sample ID: MC0HB5				Seq: 100	15:34:47	20 Nov 13	HG	
			E4511-04					
Hg	-.171	PPB	-1899					
=====								
*** Sample ID: MC0HC4				Seq: 101	15:37:07	20 Nov 13	HG	
			E4511-05					
Hg	-.061	PPB	14					
=====								

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: MC0HC5					Seq: 102	15:39:10	20 Nov 13	HG
				E4511-06				
Hg	-.066	PPB	-63					=
=====								
*** Sample ID: MC0HB7					Seq: 103	15:41:18	20 Nov 13	HG
				E4511-07				
Hg	-.048	PPB	258					=
=====								
*** Sample ID: MC0HC1					Seq: 104	15:43:19	20 Nov 13	HG
				E4511-08				
Hg	-.065	PPB	-49					=
=====								
*** Sample ID: MC0HC2					Seq: 105	15:45:21	20 Nov 13	HG
				E4511-09				
Hg	-.059	PPB	52					=
=====								
*** Sample ID: MC0HD0					Seq: 106	15:47:24	20 Nov 13	HG
				E4511-10				
Hg	-.077	PPB	-251					=
=====								
*** Sample ID: MC0HD1					Seq: 107	15:49:33	20 Nov 13	HG
				E4511-11				
Hg	-.113	PPB	-893					=
=====								
*** Sample ID: MC0HD5					Seq: 108	15:51:43	20 Nov 13	HG
				E4511-12				
Hg	-.128	PPB	-1146					=
=====								
*** Sample ID: MC0HB3					Seq: 109	15:53:42	20 Nov 13	HG
				E4511-13				
Hg	-.045	PPB	295					=
=====								
*** Sample ID: MC0HB9					Seq: 110	15:55:45	20 Nov 13	HG
				E4511-14				
Hg	-.119	PPB	-994					=
=====								
*** Sample ID: MC0HC3					Seq: 111	15:57:47	20 Nov 13	HG
				E4511-15				
Hg	-.052	PPB	188					=
=====								
*** Sample ID: MC0HD6					Seq: 112	15:59:55	20 Nov 13	HG
				E4511-16				
Hg	-.047	PPB	270					=
=====								
*** Sample ID: MC0HD8					Seq: 113	16:02:16	20 Nov 13	HG
				E4511-17				
Hg	-.126	PPB	-1120					=
=====								
*** Sample ID: CCV94					Seq: 114	16:04:24	20 Nov 13	HG
				CCV94				
Hg	5.01	PPB	88743					=
=====								

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: CCB94					Seq: 115	16:06:26	20 Nov 13	HG
				CCB94				
Hg	-.003	PPB	1038					
=====								
*** Sample ID: MC0HC6					Seq: 119	16:15:09	20 Nov 13	HG
				E4511-18				
Hg	-.059	PPB	59					
=====								
*** Sample ID: MC0HC8					Seq: 120	16:17:05	20 Nov 13	HG
				E4511-19				
Hg	-.200	PPB	-2416					
=====								
*** Sample ID: MC0HC9					Seq: 121	16:19:25	20 Nov 13	HG
				E4511-20				
Hg	-.101	PPB	-677					
=====								
*** Sample ID: MC0HC9D					Seq: 123	16:23:40	20 Nov 13	HG
				E4511-21				
Hg	.032	PPB	1656					
=====								
*** Sample ID: MC0HC9S					Seq: 124	16:25:37	20 Nov 13	HG
				E4511-22				
Hg	.909	PPB	17006					
=====								
*** Sample ID: CCV95					Seq: 126	16:29:59	20 Nov 13	HG
				CCV95				
Hg	5.05	PPB	89417					
=====								
*** Sample ID: CCB95					Seq: 127	16:32:26	20 Nov 13	HG
				CCB95				
Hg	-.024	PPB	676					
=====								