

LB67566 C12

284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
8/18/13 (544)	E-3214	RB-71562	10:09	1321	31802	262618	501426	765702
8/18/13 (747)	E-3210	RB-71561	12:08	8621	191408	221931	441076	663909
8/22/13	E-3226	↑	↑	↑	↑	↑	↑	↑
8/23/13	E-3236	↑	↑	↑	↑	↑	↑	↑
8/19/13 (544)	E-3227	RB-71503	10:01	15062	32884	257461	441409	731939
8/19/13 (245)	E-3234	RB-71584	12:25	5447	22879	228057	432380	663267
8/19/13 (245)	E-3245	RB-71610	11:30	14710	26326	197880	381423	502935
8/19/13 (747)	E-3247	RB-71659	10:07	288	1504	21289	42962	61078
8/19/13 (544)	E-3248	↑	↑	↑	↑	↑	↑	↑
8/19/13 (544)	E-3249	RB-71679	9:53	-528	268413	261527	515213	768982
8/20/13 (544)	E-3256	RB-71767	9:46	2080	110448	261505	513551	765468
8/20/13 (544)	E-3234	RB-71783	11:55	5054	20318	281205	553162	81512
8/20/13 (747)	E-3242	RB-71784	↑	↑	↑	↑	↑	↑
8/20/13 (747)	E-3453	RB-71943	9:56	3356	19052	207093	44377	61353
8/20/13 (747)	E-3483	RB-71957	10:57	3376	18945	211749	472352	615634
8/20/13 (747)	E-3483	RB-71957	↑	↑	↑	↑	↑	↑
8/20/13 (747)	MDL	MDL	12:34	7791	2004	207131	460725	609181
8/20/13 (747)	E3459	RB-71974	10:06	1959	20944	222100	473473	628045
8/20/13 (747)	E3470	↑	↑	↑	↑	↑	↑	↑
8/20/13 (747)	E3513	RB-72007	10:56	65	1345	19169	33443	57203
8/20/13 (747)	E3442	RB-72045	13:19	-129	2266	25826	50400	74619
8/20/13 (747)	E3447	RB-72046	↑	↑	↑	↑	↑	↑
8/20/13 (747)	E3522	RB-72065	9:58	487	1987	24470	50473	741006
8/20/13 (747)	E3524	RB-72066	↑	↑	↑	↑	↑	↑

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MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coefficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
984005	10:58	0.999753	MP 17359	ICV/B-80 CCV/B-89-90	JR	AS
871002	13:38	0.999929	MP 17359	↑	JR	AS
↑	↑	↑	↑	↑	JR	AS
971679	10:59	0.999773	MP 17377	ICV/B-81 CCV/B-91-92	JR	AS
876101	13:39	0.999905	MP 17377	↑	JR	AS
776359	12:40	0.999646	MP 17393	↑	JR	AS
83176	11:27	0.999677	MP 17410	↑	JR	AS
↑	↑	↑	↑	↑	JR	AS
987355	10:44	0.999749	MP 17426	ICV/B-82 CCV/B-93-94	JR	AS
100068	10:34	0.999961	MP 17491	ICV/B-85 CCV/B-95-96	JR	AS
1054003	12:38	0.999693	MP 17491	ICV/B-84 CCV/B-97-98	JR	AS
↑	↑	↑	↑	↑	JR	AS
801761	10:54	0.99998	MP 17612	↑	JR	AS
85176	11:52	0.999852	MP 17645	↑	JR	AS
↑	↑	↑	↑	↑	JR	AS
80478	13:46	0.999844	MP 17645	↑	JR	AS
827611	17:35	0.999711	MP 17645	↑	JR	AS
↑	↑	↑	↑	↑	JR	AS
78516	11:46	0.999923	MP 17677	↑	JR	AS
97746	15:51	0.999826	MP 17756	ICV/B-50 CCV/B-50-53	JR	AS
↑	↑	↑	↑	↑	JR	AS
984104	11:45	0.999916	MP 17777	ICV/B-51 CCV/B-54-56	JR	AS
↑	↑	↑	↑	↑	JR	AS

LB67566

JR
9/5/13

WinHg Database 1.4

File Utility Help

RN RN ?

Instrument ID: CV2

Protocol chemtech Dataset/Proto LB67566 /chemtech

Protocol Line info Cal Curve Report Ctrl Chart Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.01598e-4 slope

C -3.16833e-2 y-intercept

Rho .999916

Type Linear

Accept

Rel. Abs. 98404

Accepted

New

Include S1 Rep 1 2 3 4 5

Conc. 10.0

%D

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.018	.018	488	1	487		
02	.20000	.170	-.030	1987	0%	1987	-15	
03	2.5000	2.45	-.046	24470	0%	24470	-2	
04	5.0000	5.10	.096	50474	0%	50473	2	
05	7.5000	7.50	-.005	74087	0%	74086	0	
06	10.000	9.97	-.034	98404	0%	98404	0	

Ready

CAP NUM

JR
9/5/13

JR
9/5/13

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1	50.0			Seq: 1		09:58:22	05 Sep 13	HG
Hg	.000	PPB	487					
*** Standard: 2 Rep: 1	50.2			Seq: 2		10:00:09	05 Sep 13	HG
Hg	.200	PPB	1987					
*** Standard: 3 Rep: 1	52.5			Seq: 3		10:01:53	05 Sep 13	HG
Hg	2.50	PPB	24470					
*** Standard: 4 Rep: 1	55.0			Seq: 4		10:03:36	05 Sep 13	HG
Hg	5.00	PPB	50473					
*** Standard: 5 Rep: 1	57.5			Seq: 7		10:09:54	05 Sep 13	HG
Hg	7.50	PPB	74086					
*** Standard: 6 Rep: 1	510.0			Seq: 10		10:16:25	05 Sep 13	HG
Hg	10.0	PPB	98404					
*** Sample ID: ICB51				Seq: 11		10:19:07	05 Sep 13	HG
			ICV51					
Hg	3.90	PPB	38676					
*** Sample ID: ICB51				Seq: 12		10:20:52	05 Sep 13	HG
			ICB51					
Hg	-.001	PPB	299					
*** Sample ID: CCV54				Seq: 13		10:22:37	05 Sep 13	HG
			CCV54					
Hg	5.17	PPB	51219					
*** Sample ID: CCB54				Seq: 14		10:24:30	05 Sep 13	HG
			CCB54					
Hg	-.015	PPB	162					
*** Sample ID: PB72065BL				Seq: 15		10:26:26	05 Sep 13	HG
			PBW02					
Hg	-.043	PPB	-108					
*** Sample ID: E3522-01				Seq: 16		10:28:18	05 Sep 13	HG
			MA4E95					
Hg	-.088	PPB	-555					
*** Sample ID: E3522-02				Seq: 17		10:31:25	05 Sep 13	HG
			MA4E96					
Hg	-.097	PPB	-644					
*** Sample ID: E3522-03				Seq: 18		10:33:08	05 Sep 13	HG
			MA4E97					
Hg	-.087	PPB	-544					

Protocol: chemtech

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: E3522-04				Seq: 19	10:34:53	05 Sep 13	HG	
			MA4E98					
Hg	.365	PPB	3900					=
=====								
*** Sample ID: E3522-05				Seq: 20	10:36:57	05 Sep 13	HG	
			MA4E99					
Hg	.483	PPB	5067					=
=====								
*** Sample ID: E3522-06				Seq: 21	10:38:40	05 Sep 13	HG	
			MA4EA0					
Hg	-.038	PPB	-63					=
=====								
*** Sample ID: E3522-07				Seq: 22	10:40:43	05 Sep 13	HG	
			MA4EA1					
Hg	-.039	PPB	-72					=
=====								
*** Sample ID: E3522-08				Seq: 23	10:42:27	05 Sep 13	HG	
			MA4EA1D					
Hg	-.048	PPB	-157					=
=====								
*** Sample ID: E3522-09				Seq: 24	10:44:07	05 Sep 13	HG	
			MA4EA1S					
Hg	.967	PPB	9827					=
=====								
*** Sample ID: E3522-10				Seq: 25	10:45:49	05 Sep 13	HG	
			MA4EA2					
Hg	-.057	PPB	-246					=
=====								
*** Sample ID: E3522-11				Seq: 26	10:48:01	05 Sep 13	HG	
			MA4EA3					
Hg	-.037	PPB	-57					=
=====								
*** Sample ID: E3522-13				Seq: 28	10:52:11	05 Sep 13	HG	
			MA4EA7					
Hg	4.87	PPB	48274					=
=====								
*** Sample ID: E3522-15				Seq: 30	10:55:47	05 Sep 13	HG	
			MA4EA9					
Hg	-.052	PPB	-203					=
=====								
*** Sample ID: CCV55				Seq: 31	10:57:39	05 Sep 13	HG	
			CCV55					
Hg	5.12	PPB	50664					=
=====								
*** Sample ID: CCB55				Seq: 32	10:59:26	05 Sep 13	HG	
			CCB55					
Hg	.014	PPB	449					=
=====								
*** Sample ID: PB72066BL				Seq: 33	11:01:12	05 Sep 13	HG	
			PBW02					
Hg	.010	PPB	406					=
=====								

Protocol: chemtech

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: E3524-01				Seq: 34	11:03:27	05 Sep 13	HG	
			MD80D1					
Hg	-.072	PPB	-399					=
=====								
*** Sample ID: E3524-02				Seq: 35	11:05:52	05 Sep 13	HG	
			MD80D3					
Hg	-.076	PPB	-441					=
=====								
*** Sample ID: E3524-03				Seq: 36	11:08:08	05 Sep 13	HG	
			MD80D4					
Hg	-.097	PPB	-644					=
=====								
*** Sample ID: E3524-04				Seq: 37	11:09:52	05 Sep 13	HG	
			MD80F8					
Hg	-.217	PPB	-1821					=
=====								
*** Sample ID: E3524-05				Seq: 38	11:12:17	05 Sep 13	HG	
			MD80D6					
Hg	-.085	PPB	-523					=
=====								
*** Sample ID: E3524-06				Seq: 39	11:14:49	05 Sep 13	HG	
			MD80D7					
Hg	-.078	PPB	-455					=
=====								
*** Sample ID: E3524-07				Seq: 40	11:16:41	05 Sep 13	HG	
			MD80D8					
Hg	-.076	PPB	-441					=
=====								
*** Sample ID: E3524-08				Seq: 41	11:18:53	05 Sep 13	HG	
			MD80D9					
Hg	-.060	PPB	-282					=
=====								
*** Sample ID: E3524-09				Seq: 42	11:20:46	05 Sep 13	HG	
			MD80E0					
Hg	-.067	PPB	-348					=
=====								
*** Sample ID: E3524-10				Seq: 43	11:23:31	05 Sep 13	HG	
			MD80E1					
Hg	-.081	PPB	-481					=
=====								
*** Sample ID: E3524-11				Seq: 44	11:25:53	05 Sep 13	HG	
			MD80E2					
Hg	-.082	PPB	-493					=
=====								
*** Sample ID: E3524-12				Seq: 45	11:28:34	05 Sep 13	HG	
			MD80E2D					
Hg	-.086	PPB	-538					=
=====								
*** Sample ID: E3524-13				Seq: 46	11:30:16	05 Sep 13	HG	
			MD80E2S					
Hg	.990	PPB	10055					=
=====								

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
=====								
*** Sample ID: E3524-14				Seq: 47	11:31:58	05 Sep 13	HG	
			MD80E3					
Hg	-.079	PPB	-467					=
=====								
*** Sample ID: E3524-15				Seq: 48	11:34:00	05 Sep 13	HG	
			MD80E4					
Hg	-.083	PPB	-504					=
=====								
*** Sample ID: E3524-16				Seq: 49	11:35:52	05 Sep 13	HG	
			MD80E5					
Hg	-.082	PPB	-497					=
=====								
*** Sample ID: E3524-17				Seq: 50	11:37:55	05 Sep 13	HG	
			MD80E7					
Hg	-.087	PPB	-549					=
=====								
*** Sample ID: E3524-18				Seq: 51	11:39:37	05 Sep 13	HG	
			MD80D2					
Hg	-.084	PPB	-512					=
=====								
*** Sample ID: E3524-19				Seq: 52	11:41:20	05 Sep 13	HG	
			MD80F7					
Hg	-.034	PPB	-23					=
=====								
*** Sample ID: CCV56				Seq: 53	11:43:35	05 Sep 13	HG	
			CCV56					
Hg	5.17	PPB	51242					=
=====								
*** Sample ID: CCB56				Seq: 54	11:45:39	05 Sep 13	HG	
			CCB56					
Hg	.019	PPB	497					=