Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0025	Lab Sample ID:	608163-004-007-1/2
Sample Date/Time:	08/24/2006 16:30	Percent Moisture:	4.22
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**96**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1005	Lab Sample ID:	608163-005-009-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	26.64
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 14:43	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/19/06	06:20
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/20/06	20:14

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	114 %	31 - 129	1	09/20/06	20:14

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1005	Lab Sample ID:	608163-005-009-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	26.64
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
8)	**HMX**	**1.5**		**0.080**	**1**	**mg/kg**	**09/19/06**	**06:20**
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	06:20
10)	RDX	BQL	U	0.080	1	mg/kg	09/19/06	06:20
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/19/06	06:20
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	06:20
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	06:20
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	06:20

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	81 %	31 - 129	1	09/19/06	06:20

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1005	Lab Sample ID:	608163-005-009-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	26.64
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**14500**	**D**	**83.3**	**10**	**mg/kg**	**09/11/06**	**23:32**
2)	Antimony	BQL	UN	0.83	10	mg/kg	09/11/06	23:32
3)	**Barium**	**125**	**DB**	**4.2**	**10**	**mg/kg**	**09/11/06**	**23:32**
4)	Cadmium	0.28	JD	0.42	10	mg/kg	09/11/06	23:32
5)	**Chromium**	**17.8**	**ED**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
6)	**Cobalt**	**11.4**	**D**	**0.42**	**10**	**mg/kg**	**09/11/06**	**23:32**
7)	**Copper**	**15.2**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
8)	**Iron**	**33000**	**D**	**41.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
9)	**Lead**	**9.9**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
10)	**Magnesium**	**3550**	**D**	**83.3**	**10**	**mg/kg**	**09/11/06**	**23:32**
11)	**Manganese**	**419**	**DB**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
12)	Molybdenum	0.33	JD	4.2	10	mg/kg	09/11/06	23:32
13)	**Nickel**	**14.4**	**D**	**0.83**	**10**	**mg/kg**	**09/11/06**	**23:32**
14)	**Strontium**	**16.8**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
15)	**Titanium**	**729**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:32**
16)	**Zinc**	**67.2**	**ED**	**8.3**	**10**	**mg/kg**	**09/11/06**	**23:32**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1005	Lab Sample ID:	608163-005-009-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	26.64
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.027**		**0.021**	**1**	**mg/kg**	**09/14/06**	**11:42**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1005	Lab Sample ID:	608163-005-009-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	26.64
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**73**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1006	Lab Sample ID:	608163-006-011-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	32.76
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 14:43	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/19/06 07:19
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/20/06 20:36

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time
3)	4-Nitroaniline	124 %	31 - 129	1	09/20/06 20:36

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1006	Lab Sample ID:	608163-006-011-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	32.76
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
8)	**HMX**	**0.64**		**0.080**	**1**	**mg/kg**	**09/19/06**	**07:19**
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	07:19
10)	RDX	BQL	U	0.080	1	mg/kg	09/19/06	07:19
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/19/06	07:19
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	07:19
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	07:19
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	07:19

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	96 %	31 - 129	1	09/19/06	07:19

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1006	Lab Sample ID:	608163-006-011-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	32.76
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**16000**	**D**	**80**	**10**	**mg/kg**	**09/11/06**	**23:38**
2)	Antimony	BQL	UN	0.8	10	mg/kg	09/11/06	23:38
3)	**Barium**	**135**	**DB**	**4**	**10**	**mg/kg**	**09/11/06**	**23:38**
4)	Cadmium	0.36	JD	0.4	10	mg/kg	09/11/06	23:38
5)	**Chromium**	**19.4**	**ED**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
6)	**Cobalt**	**12.5**	**D**	**0.4**	**10**	**mg/kg**	**09/11/06**	**23:38**
7)	**Copper**	**16.8**	**D**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
8)	**Iron**	**34400**	**D**	**40**	**10**	**mg/kg**	**09/11/06**	**23:38**
9)	**Lead**	**10.2**	**D**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
10)	**Magnesium**	**3850**	**D**	**80**	**10**	**mg/kg**	**09/11/06**	**23:38**
11)	**Manganese**	**475**	**DB**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
12)	Molybdenum	0.33	JD	4	10	mg/kg	09/11/06	23:38
13)	**Nickel**	**15.5**	**D**	**0.8**	**10**	**mg/kg**	**09/11/06**	**23:38**
14)	**Strontium**	**17.5**	**D**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
15)	**Titanium**	**742**	**D**	**1.6**	**10**	**mg/kg**	**09/11/06**	**23:38**
16)	**Zinc**	**68.3**	**ED**	**8**	**10**	**mg/kg**	**09/11/06**	**23:38**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1006	Lab Sample ID:	608163-006-011-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	32.76
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.024	J	0.027	1	mg/kg	09/14/06 11:44

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1006	Lab Sample ID:	608163-006-011-1/2
Sample Date/Time:	08/24/2006 18:45	Percent Moisture:	32.76
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**67**		**1.0**	**1**	**%**	**09/06/06**	**11:30**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608163-007-013-1/2
Sample Date/Time:	08/24/2006 19:40	Percent Moisture:	1.45
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 14:43	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/19/06 08:19
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/20/06 22:01

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time
3)	4-Nitroaniline	89 %	31 - 129	1	09/20/06 22:01

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608163-007-013-1/2
Sample Date/Time:	08/24/2006 19:40	Percent Moisture:	1.45
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
8)	HMX	BQL	U	0.080	1	mg/kg	09/19/06	08:19
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	08:19
10)	RDX	BQL	U	0.080	1	mg/kg	09/19/06	08:19
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/19/06	08:19
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	08:19
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	08:19
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	08:19

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	83 %	31 - 129	1	09/19/06	08:19

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608163-007-013-1/2
Sample Date/Time:	08/24/2006 19:40	Percent Moisture:	1.45
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**21800**	**D**	**160**	**20**	**mg/kg**	**09/12/06**	**22:02**
2)	Antimony	BQL	UN	1.6	20	mg/kg	09/12/06	22:02
3)	**Barium**	**182**	**D**	**8**	**20**	**mg/kg**	**09/12/06**	**22:02**
4)	Cadmium	0.39	JD	0.8	20	mg/kg	09/12/06	22:02
5)	**Chromium**	**32.2**	**ED**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
6)	**Cobalt**	**16.4**	**DB**	**0.8**	**20**	**mg/kg**	**09/12/06**	**22:02**
7)	**Copper**	**17.3**	**DB**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
8)	**Iron**	**30800**	**D**	**80**	**20**	**mg/kg**	**09/12/06**	**22:02**
9)	**Lead**	**15.1**	**D**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
10)	**Magnesium**	**4000**	**D**	**160**	**20**	**mg/kg**	**09/12/06**	**22:02**
11)	**Manganese**	**952**	**D**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
12)	Molybdenum	BQL	UD	8	20	mg/kg	09/12/06	22:02
13)	**Nickel**	**17.9**	**DB**	**1.6**	**20**	**mg/kg**	**09/12/06**	**22:02**
14)	**Strontium**	**25.3**	**D**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
15)	**Titanium**	**1490**	**D**	**3.2**	**20**	**mg/kg**	**09/12/06**	**22:02**
16)	**Zinc**	**63.3**	**ED**	**16**	**20**	**mg/kg**	**09/12/06**	**22:02**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608163-007-013-1/2
Sample Date/Time:	08/24/2006 19:40	Percent Moisture:	1.45
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.026		0.026	1	mg/kg	09/14/06 11:47

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608163-007-013-1/2
Sample Date/Time:	08/24/2006 19:40	Percent Moisture:	1.45
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**98**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0024	Lab Sample ID:	608163-008-015-1/2
Sample Date/Time:	08/24/2006 17:00	Percent Moisture:	6.67
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 14:43	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/19/06	09:18
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/20/06	22:22

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	77 %	31 - 129	1	09/20/06	22:22

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0024	Lab Sample ID:	608163-008-015-1/2
Sample Date/Time:	08/24/2006 17:00	Percent Moisture:	6.67
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
8)	HMX	BQL	U	0.080	1	mg/kg	09/19/06	09:18
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	09:18
10)	RDX	BQL	U	0.080	1	mg/kg	09/19/06	09:18
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/19/06	09:18
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	09:18
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	09:18
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	09:18

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	69 %	31 - 129	1	09/19/06	09:18

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0024	Lab Sample ID:	608163-008-015-1/2
Sample Date/Time:	08/24/2006 17:00	Percent Moisture:	6.67
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**13500**	**D**	**76.9**	**10**	**mg/kg**	**09/11/06**	**23:51**
2)	Antimony	BQL	UN	0.77	10	mg/kg	09/11/06	23:51
3)	**Barium**	**77.4**	**DB**	**3.8**	**10**	**mg/kg**	**09/11/06**	**23:51**
4)	Cadmium	0.18	JD	0.38	10	mg/kg	09/11/06	23:51
5)	**Chromium**	**20.4**	**ED**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
6)	**Cobalt**	**12.1**	**D**	**0.38**	**10**	**mg/kg**	**09/11/06**	**23:51**
7)	**Copper**	**10.2**	**D**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
8)	**Iron**	**19900**	**D**	**38.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
9)	**Lead**	**9.1**	**D**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
10)	**Magnesium**	**696**	**D**	**76.9**	**10**	**mg/kg**	**09/11/06**	**23:51**
11)	**Manganese**	**515**	**DB**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
12)	Molybdenum	0.29	JD	3.8	10	mg/kg	09/11/06	23:51
13)	**Nickel**	**7.6**	**D**	**0.77**	**10**	**mg/kg**	**09/11/06**	**23:51**
14)	**Strontium**	**3.5**	**D**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
15)	**Titanium**	**317**	**D**	**1.5**	**10**	**mg/kg**	**09/11/06**	**23:51**
16)	**Zinc**	**22.6**	**ED**	**7.7**	**10**	**mg/kg**	**09/11/06**	**23:51**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0024	Lab Sample ID:	608163-008-015-1/2
Sample Date/Time:	08/24/2006 17:00	Percent Moisture:	6.67
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.028**		**0.026**	**1**	**mg/kg**	**09/14/06**	**11:51**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0024	Lab Sample ID:	608163-008-015-1/2
Sample Date/Time:	08/24/2006 17:00	Percent Moisture:	6.67
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**93**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5012	Lab Sample ID:	608163-009-019-1/1
Sample Date/Time:	08/24/2006 10:30	Percent Moisture:	39.15
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**36900**	**D**	**82.6**	**10**	**mg/kg**	**09/11/06**	**23:57**
2)	Antimony	BQL	UN	0.83	10	mg/kg	09/11/06	23:57
3)	**Barium**	**142**	**DB**	**4.1**	**10**	**mg/kg**	**09/11/06**	**23:57**
4)	**Cadmium**	**0.85**	**D**	**0.41**	**10**	**mg/kg**	**09/11/06**	**23:57**
5)	**Chromium**	**100**	**ED**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:57**
6)	**Cobalt**	**45.8**	**D**	**0.41**	**10**	**mg/kg**	**09/11/06**	**23:57**
7)	**Copper**	**134**	**DB**	**3.3**	**20**	**mg/kg**	**09/12/06**	**22:08**
8)	**Iron**	**76000**	**D**	**41.3**	**10**	**mg/kg**	**09/11/06**	**23:57**
9)	**Lead**	**2.7**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:57**
10)	**Magnesium**	**12000**	**D**	**82.6**	**10**	**mg/kg**	**09/11/06**	**23:57**
11)	**Manganese**	**1290**	**DB**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:57**
12)	Molybdenum	0.40	JD	4.1	10	mg/kg	09/11/06	23:57
13)	**Nickel**	**44.2**	**D**	**0.83**	**10**	**mg/kg**	**09/11/06**	**23:57**
14)	**Strontium**	**52.4**	**D**	**1.7**	**10**	**mg/kg**	**09/11/06**	**23:57**
15)	**Titanium**	**4610**	**D**	**3.3**	**20**	**mg/kg**	**09/12/06**	**22:08**
16)	**Zinc**	**81.2**	**ED**	**8.3**	**10**	**mg/kg**	**09/11/06**	**23:57**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5012	Lab Sample ID:	608163-009-019-1/1
Sample Date/Time:	08/24/2006 10:30	Percent Moisture:	39.15
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.049**		**0.026**	**1**	**mg/kg**	**09/14/06**	**11:58**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5012	Lab Sample ID:	608163-009-019-1/1
Sample Date/Time:	08/24/2006 10:30	Percent Moisture:	39.15
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**61**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0001	Lab Sample ID:	608163-010-020-1/1
Sample Date/Time:	08/24/2006 09:45	Percent Moisture:	12.83
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	**Lead**	**45.5**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06 00:04**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0001	Lab Sample ID:	608163-010-020-1/1
Sample Date/Time:	08/24/2006 09:45	Percent Moisture:	12.83
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**87**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0008	Lab Sample ID:	608163-011-021-1/1
Sample Date/Time:	08/24/2006 13:45	Percent Moisture:	16.21
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Lead**	**6.4**	**D**	**3.1**	**20**	**mg/kg**	**09/12/06**	**22:20**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0008	Lab Sample ID:	608163-011-021-1/1
Sample Date/Time:	08/24/2006 13:45	Percent Moisture:	16.21
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**84**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1004	Lab Sample ID:	608163-012-017-1/2
Sample Date/Time:	08/25/2006 10:15	Percent Moisture:	37.99
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 14:43	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/19/06	17:00
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/20/06	22:44

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	82 %	31 - 129	1	09/20/06	22:44

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1004	Lab Sample ID:	608163-012-017-1/2
Sample Date/Time:	08/25/2006 10:15	Percent Moisture:	37.99
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/05/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
8)	HMX	BQL	U	0.080	1	mg/kg	09/19/06	17:00
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/19/06	17:00
10)	RDX	BQL	U	0.080	1	mg/kg	09/19/06	17:00
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/19/06	17:00
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	17:00
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	17:00
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/19/06	17:00

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	74 %	31 - 129	1	09/19/06	17:00

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1004	Lab Sample ID:	608163-012-017-1/2
Sample Date/Time:	08/25/2006 10:15	Percent Moisture:	37.99
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**21500**	**D**	**84**	**10**	**mg/kg**	**09/12/06**	**00:29**
2)	Antimony	BQL	UN	0.84	10	mg/kg	09/12/06	00:29
3)	**Barium**	**177**	**DB**	**4.2**	**10**	**mg/kg**	**09/12/06**	**00:29**
4)	**Cadmium**	**0.43**	**D**	**0.42**	**10**	**mg/kg**	**09/12/06**	**00:29**
5)	**Chromium**	**26.8**	**ED**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
6)	**Cobalt**	**11.5**	**D**	**0.42**	**10**	**mg/kg**	**09/12/06**	**00:29**
7)	**Copper**	**26.3**	**D**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
8)	**Iron**	**37400**	**D**	**42**	**10**	**mg/kg**	**09/12/06**	**00:29**
9)	**Lead**	**11.2**	**D**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
10)	**Magnesium**	**5080**	**D**	**84**	**10**	**mg/kg**	**09/12/06**	**00:29**
11)	**Manganese**	**284**	**DB**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
12)	Molybdenum	0.40	JD	4.2	10	mg/kg	09/12/06	00:29
13)	**Nickel**	**20.8**	**D**	**0.84**	**10**	**mg/kg**	**09/12/06**	**00:29**
14)	**Strontium**	**20.1**	**D**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
15)	**Titanium**	**662**	**D**	**1.7**	**10**	**mg/kg**	**09/12/06**	**00:29**
16)	**Zinc**	**82.4**	**ED**	**8.4**	**10**	**mg/kg**	**09/12/06**	**00:29**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1004	Lab Sample ID:	608163-012-017-1/2
Sample Date/Time:	08/25/2006 10:15	Percent Moisture:	37.99
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.035**		**0.025**	**1**	**mg/kg**	**09/14/06**	**12:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-1004	Lab Sample ID:	608163-012-017-1/2
Sample Date/Time:	08/25/2006 10:15	Percent Moisture:	37.99
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**62**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5008	Lab Sample ID:	608163-013-024-1/1
Sample Date/Time:	08/25/2006 17:20	Percent Moisture:	3.53
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**18800**	**D**	**80.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
2)	Antimony	BQL	UN	0.81	10	mg/kg	09/12/06	00:35
3)	**Barium**	**154**	**DB**	**4**	**10**	**mg/kg**	**09/12/06**	**00:35**
4)	Cadmium	0.13	JD	0.4	10	mg/kg	09/12/06	00:35
5)	**Chromium**	**18.8**	**ED**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
6)	**Cobalt**	**9.3**	**D**	**0.4**	**10**	**mg/kg**	**09/12/06**	**00:35**
7)	**Copper**	**12.3**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
8)	**Iron**	**19300**	**D**	**40.3**	**10**	**mg/kg**	**09/12/06**	**00:35**
9)	**Lead**	**8.8**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
10)	**Magnesium**	**1220**	**D**	**80.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
11)	**Manganese**	**998**	**DB**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
12)	Molybdenum	0.30	JD	4	10	mg/kg	09/12/06	00:35
13)	**Nickel**	**7.4**	**D**	**0.81**	**10**	**mg/kg**	**09/12/06**	**00:35**
14)	**Strontium**	**14.5**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
15)	**Titanium**	**381**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:35**
16)	**Zinc**	**31.9**	**ED**	**8.1**	**10**	**mg/kg**	**09/12/06**	**00:35**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5008	Lab Sample ID:	608163-013-024-1/1
Sample Date/Time:	08/25/2006 17:20	Percent Moisture:	3.53
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.036**		**0.028**	**1**	**mg/kg**	**09/14/06**	**12:02**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5008	Lab Sample ID:	608163-013-024-1/1
Sample Date/Time:	08/25/2006 17:20	Percent Moisture:	3.53
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**96**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5009	Lab Sample ID:	608163-014-025-1/1
Sample Date/Time:	08/25/2006 16:00	Percent Moisture:	7.22
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**19400**	**D**	**80.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
2)	Antimony	BQL	UN	0.81	10	mg/kg	09/12/06	00:41
3)	**Barium**	**99.1**	**DB**	**4**	**10**	**mg/kg**	**09/12/06**	**00:41**
4)	Cadmium	0.21	JD	0.4	10	mg/kg	09/12/06	00:41
5)	**Chromium**	**28.7**	**ED**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
6)	**Cobalt**	**15.7**	**D**	**0.4**	**10**	**mg/kg**	**09/12/06**	**00:41**
7)	**Copper**	**20.8**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
8)	**Iron**	**35000**	**D**	**40.3**	**10**	**mg/kg**	**09/12/06**	**00:41**
9)	**Lead**	**7.5**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
10)	**Magnesium**	**2250**	**D**	**80.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
11)	**Manganese**	**668**	**DB**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
12)	Molybdenum	0.37	JD	4	10	mg/kg	09/12/06	00:41
13)	**Nickel**	**10.7**	**D**	**0.81**	**10**	**mg/kg**	**09/12/06**	**00:41**
14)	**Strontium**	**20.2**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
15)	**Titanium**	**292**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:41**
16)	**Zinc**	**39.8**	**ED**	**8.1**	**10**	**mg/kg**	**09/12/06**	**00:41**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5009	Lab Sample ID:	608163-014-025-1/1
Sample Date/Time:	08/25/2006 16:00	Percent Moisture:	7.22
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.026	J	0.03	1	mg/kg	09/14/06 12:04

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5009	Lab Sample ID:	608163-014-025-1/1
Sample Date/Time:	08/25/2006 16:00	Percent Moisture:	7.22
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**93**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5010	Lab Sample ID:	608163-015-022-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	3.79
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**19700**	**D**	**79.4**	**10**	**mg/kg**	**09/12/06**	**00:47**
2)	Antimony	0.14	JND	0.79	10	mg/kg	09/12/06	00:47
3)	**Barium**	**117**	**DB**	**4**	**10**	**mg/kg**	**09/12/06**	**00:47**
4)	Cadmium	0.20	JD	0.4	10	mg/kg	09/12/06	00:47
5)	**Chromium**	**30.8**	**ED**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
6)	**Cobalt**	**11.8**	**D**	**0.4**	**10**	**mg/kg**	**09/12/06**	**00:47**
7)	**Copper**	**15.2**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
8)	**Iron**	**26600**	**D**	**39.7**	**10**	**mg/kg**	**09/12/06**	**00:47**
9)	**Lead**	**17.2**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
10)	**Magnesium**	**2250**	**D**	**79.4**	**10**	**mg/kg**	**09/12/06**	**00:47**
11)	**Manganese**	**623**	**DB**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
12)	Molybdenum	0.40	JD	4	10	mg/kg	09/12/06	00:47
13)	**Nickel**	**10.9**	**D**	**0.79**	**10**	**mg/kg**	**09/12/06**	**00:47**
14)	**Strontium**	**12.3**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
15)	**Titanium**	**645**	**D**	**1.6**	**10**	**mg/kg**	**09/12/06**	**00:47**
16)	**Zinc**	**40.2**	**ED**	**7.9**	**10**	**mg/kg**	**09/12/06**	**00:47**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5010	Lab Sample ID:	608163-015-022-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	3.79
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.041**		**0.03**	**1**	**mg/kg**	**09/14/06**	**12:06**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5010	Lab Sample ID:	608163-015-022-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	3.79
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**96**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5011	Lab Sample ID:	608163-016-023-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	4.04
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW3050B
Prepared Date/Time:	09/11/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**20400**	**D**	**75.8**	**10**	**mg/kg**	**09/12/06**	**00:54**
2)	Antimony	0.16	JND	0.76	10	mg/kg	09/12/06	00:54
3)	**Barium**	**121**	**DB**	**3.8**	**10**	**mg/kg**	**09/12/06**	**00:54**
4)	Cadmium	0.18	JD	0.38	10	mg/kg	09/12/06	00:54
5)	**Chromium**	**26.8**	**ED**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
6)	**Cobalt**	**12.1**	**D**	**0.38**	**10**	**mg/kg**	**09/12/06**	**00:54**
7)	**Copper**	**15.4**	**D**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
8)	**Iron**	**26700**	**D**	**37.9**	**10**	**mg/kg**	**09/12/06**	**00:54**
9)	**Lead**	**17.6**	**D**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
10)	**Magnesium**	**2370**	**D**	**75.8**	**10**	**mg/kg**	**09/12/06**	**00:54**
11)	**Manganese**	**643**	**DB**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
12)	Molybdenum	0.42	JD	3.8	10	mg/kg	09/12/06	00:54
13)	**Nickel**	**11.5**	**D**	**0.76**	**10**	**mg/kg**	**09/12/06**	**00:54**
14)	**Strontium**	**12.4**	**D**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
15)	**Titanium**	**658**	**D**	**1.5**	**10**	**mg/kg**	**09/12/06**	**00:54**
16)	**Zinc**	**40.8**	**ED**	**7.6**	**10**	**mg/kg**	**09/12/06**	**00:54**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5011	Lab Sample ID:	608163-016-023-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	4.04
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.031**		**0.029**	**1**	**mg/kg**	**09/14/06**	**12:13**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5011	Lab Sample ID:	608163-016-023-1/1
Sample Date/Time:	08/25/2006 12:35	Percent Moisture:	4.04
Receipt Date/Time:	08/29/2006 14:16	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**96**		**1.0**	**1**	**%**	**09/01/06**	**09:00**

Qualifier Definitions

Shaw E&I, Inc

Work Order: 608163

All Departments

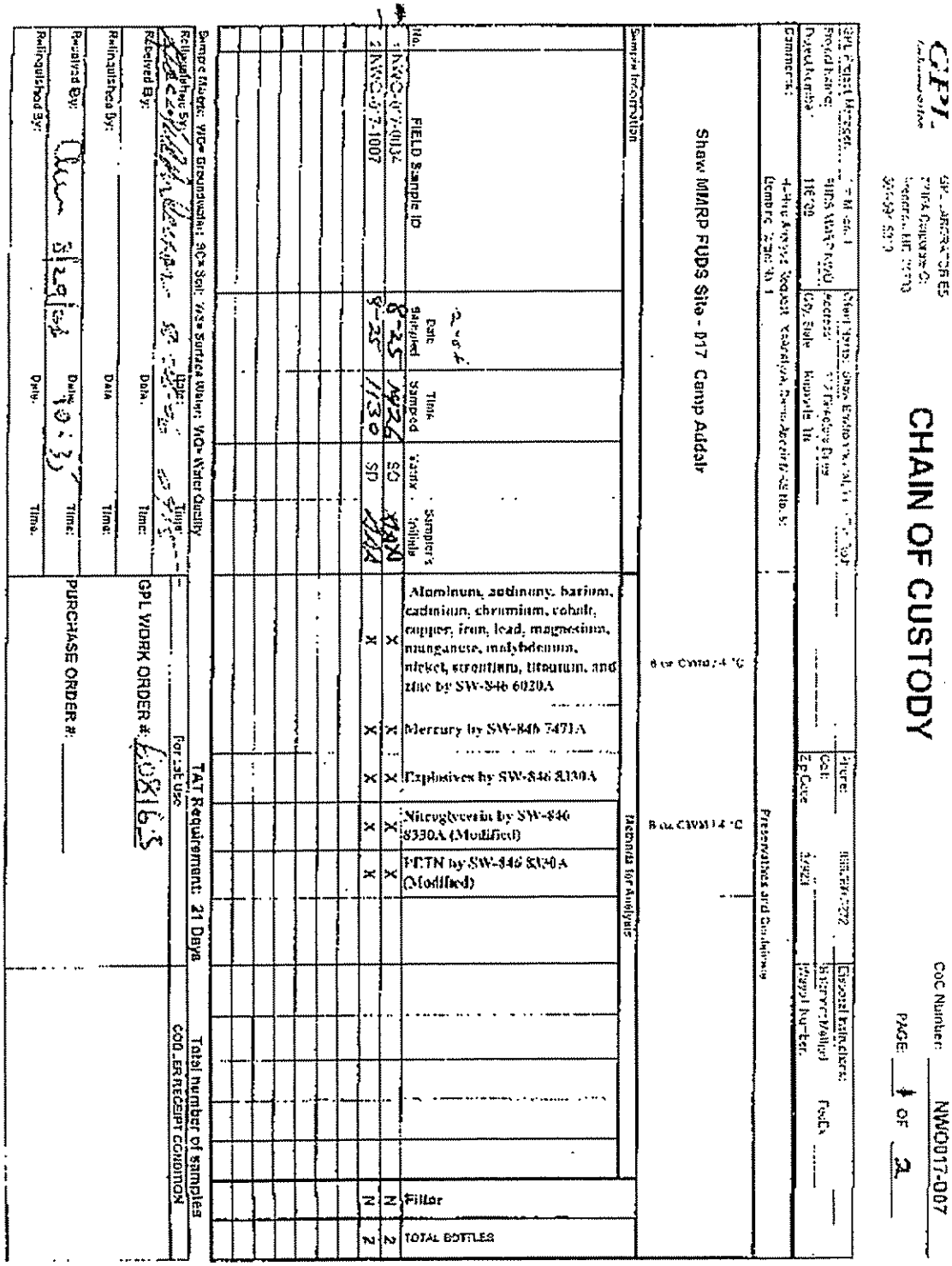
U	Indicates that the compound was analyzed for but not detected
BQL	Below Quantitation Limit

Organics

B	Indicates that the analyte was found in the associated blank as well as in the sample
D	Indicates that the analyte was reported from a diluted analysis
E	Indicates that the concentration detected exceeded the calibration range of the instrument
J	Value is less than the reporting limit but greater than the MDL
P	Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

J	Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL
E	Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
H	Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit
D	Indicates that the analyte was reported from a diluted analysis
N	Spiked sample recovery not within control limits
*	Duplicate analysis not within control limits



GPL Laboratories

CHAIN OF CUSTODY

CoC Number: NWO017-007

PAGE: 1 OF 2

GPL Project Manager: [illegible]

Project Name: FUDS MMRP NWO

Project Number: 116100

Client Name: Shaw Environmental, Inc.

Address: [illegible]

City, State: Knoxville, TN

Phone: [illegible]

Cell: [illegible]

Zip Code: [illegible]

Disposal Instructions: Return to Mailing / Waypoint Number: FedEx

Comments: 4-Hour Analysis Request Yearly/Quarterly Report Accepted Date: [illegible]

Shaw MMRP FUDS Site - 017 Camp Addair

Preservatives and Conditions

Sample Information

Methods for Analysis

No.	FIELD Sample ID	Date Sampled	Time Sampled	Matrix	Sampler's Initials	Aluminum, antimony, barium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, manganese, molybdenum, nickel, strontium, titanium, and zinc by SW-846 6020A	Mercury by SW-846 7471A	Explosives by SW-846 8330A	Nitroglycerin by SW-846 8330A (Modified)	PETN by SW-846 8330A (Modified)	Filter	TOTAL BOTTLES
1	NWO-017-0034	8-25	1426	SO	[illegible]	X	X	X	X	X	N	2
2	NWO-017-1007	8-25	1130	SD	[illegible]	X	X	X	X	X	N	2

Sample Matrix: WO= Groundwater; SO= Soil; WS= Surface Water; WQ= Water Quality

Relinquished By: [illegible] Date: [illegible] Time: [illegible]

Received By: Date: Time:

Relinquished By: Date: Time:

Received By: [illegible] Date: 10:35 Time:

Relinquished By: Date: Time:

TAT Requirement: 21 Days

For Lab Use

GPL WORK ORDER #: 608163

PURCHASE ORDER #:

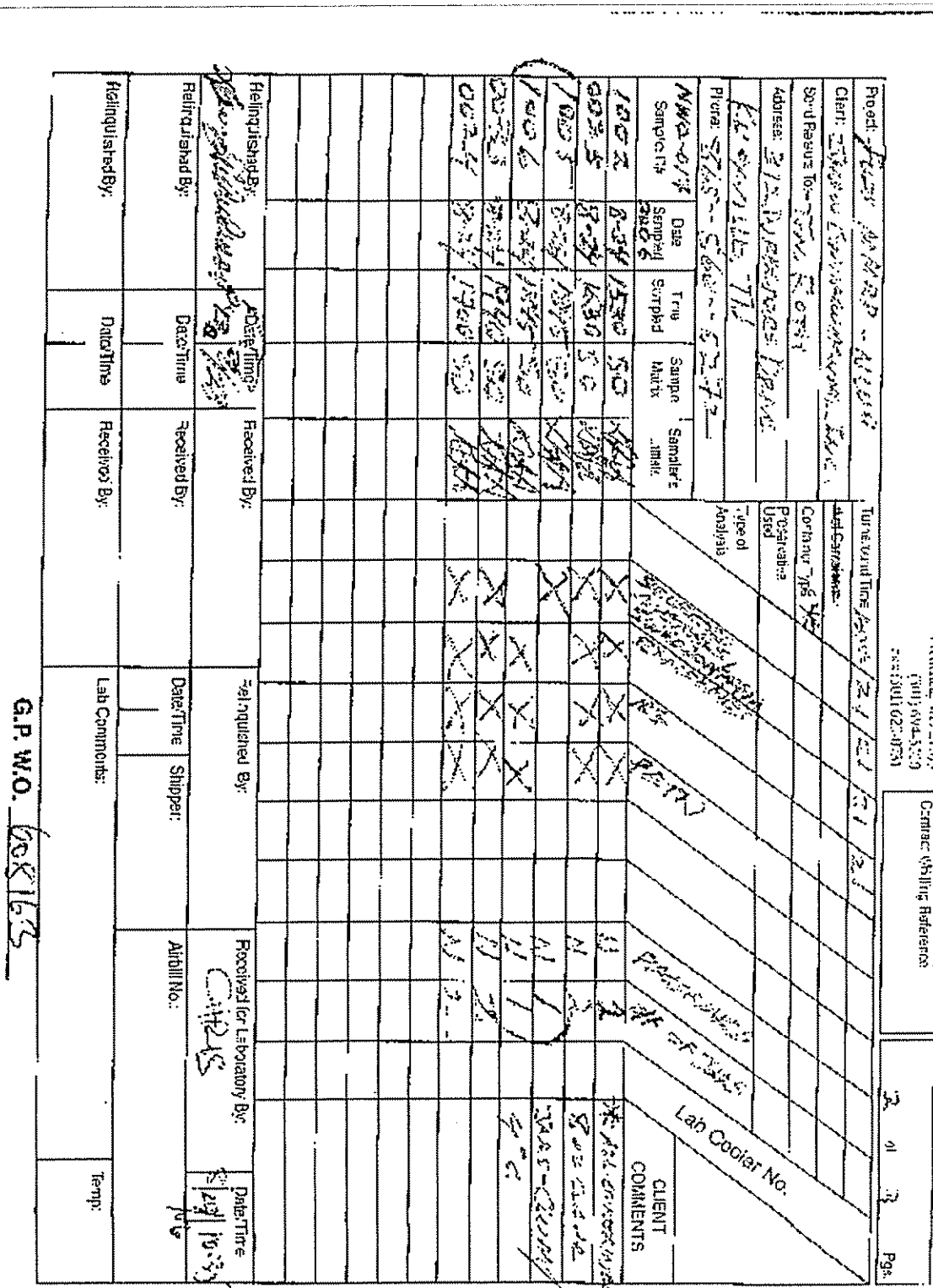
Total number of samples

COOLER RECEIPT CONDITION

Chain of Custody

Shaw E&I, Inc

SDG: 608163

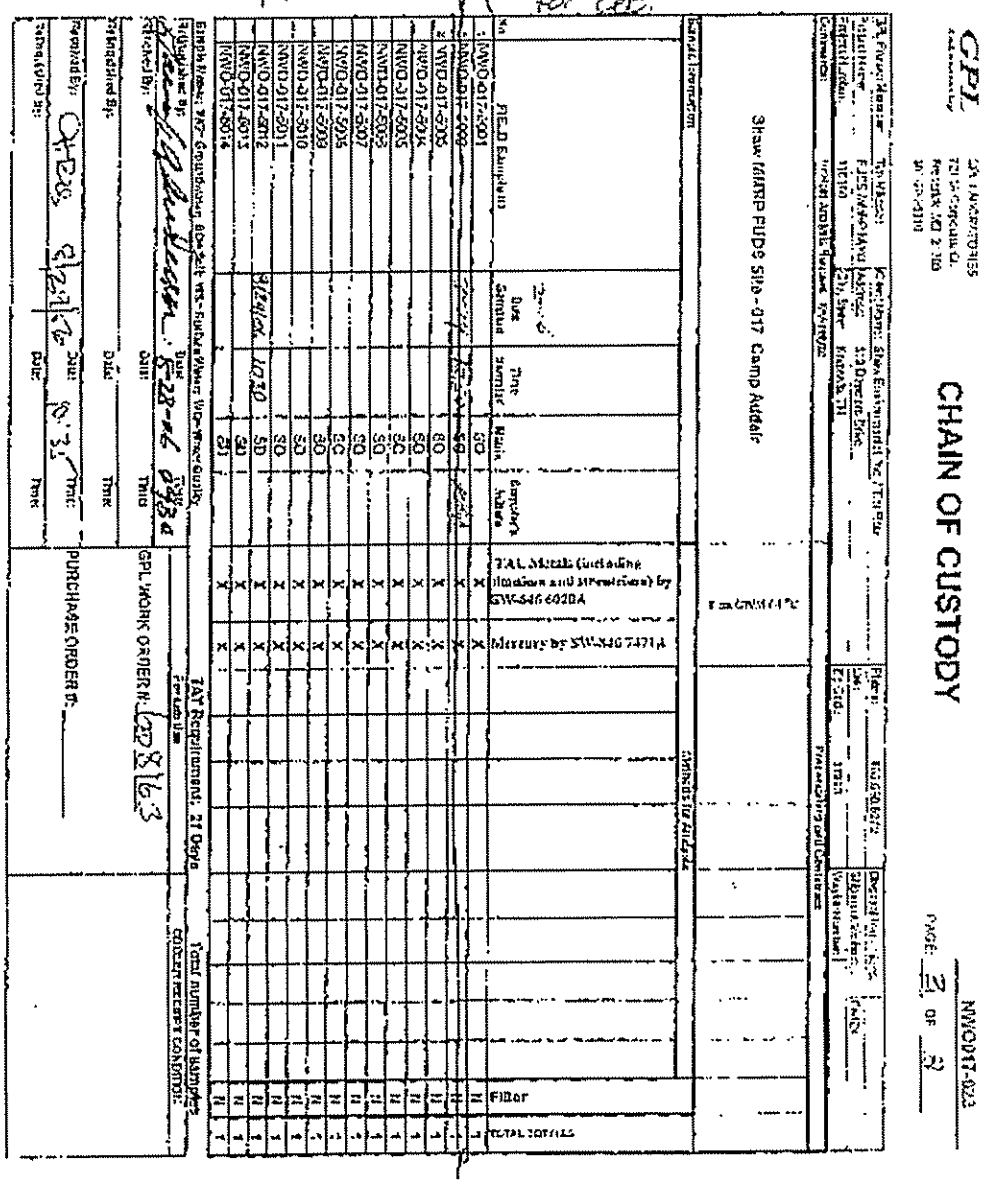


Camp Adair/Adair AFS
F10OR002908_01.09_0505_a 200-1e 1022

Chain of Custody

Shaw E&I, Inc

SDG: 608163



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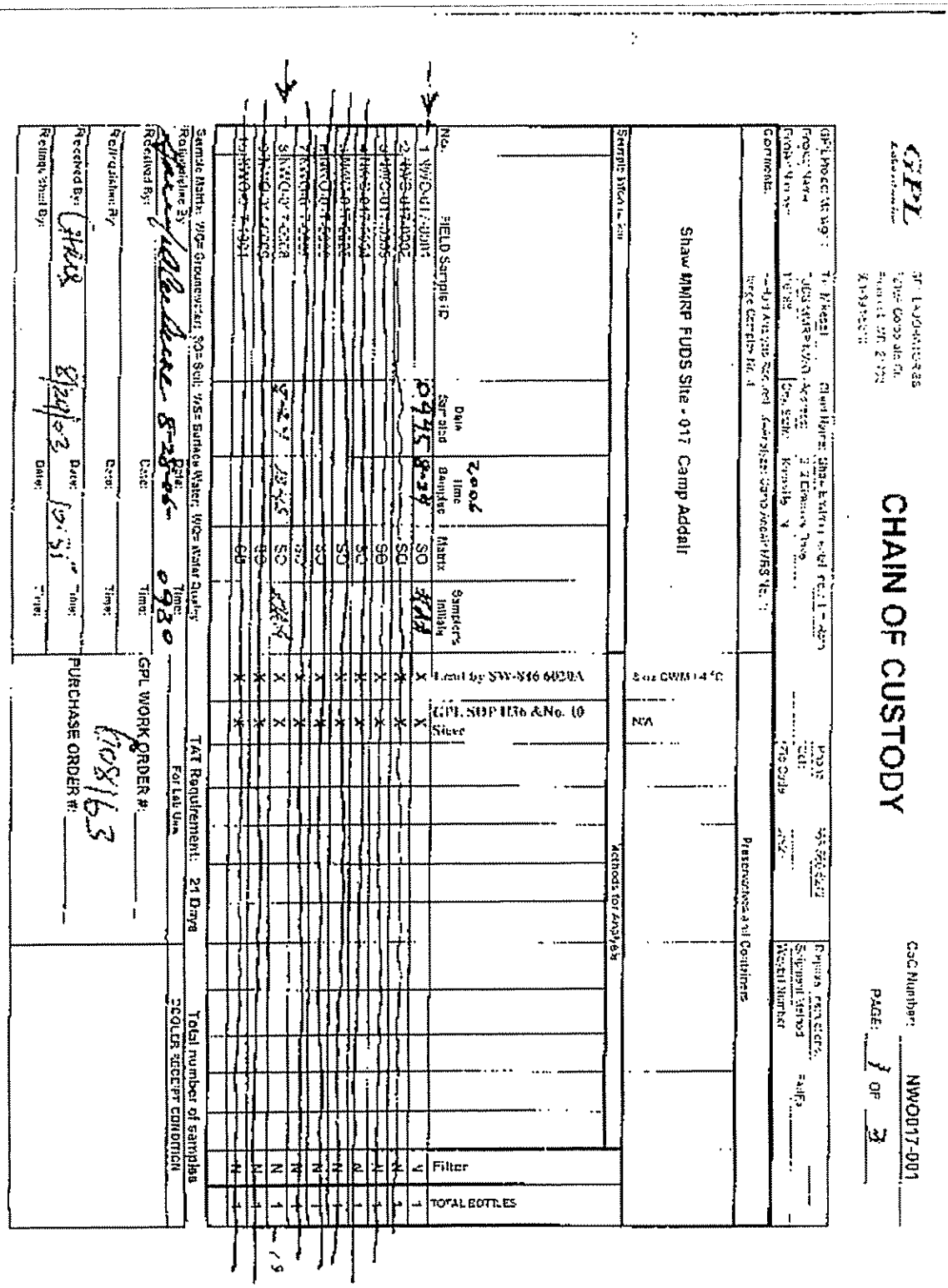


CHAIN OF CUSTODY

CoC Number: NWO017-001

PAGE: 1 OF 3

Shaw MMRP FUDS Site - 017 Camp Addair

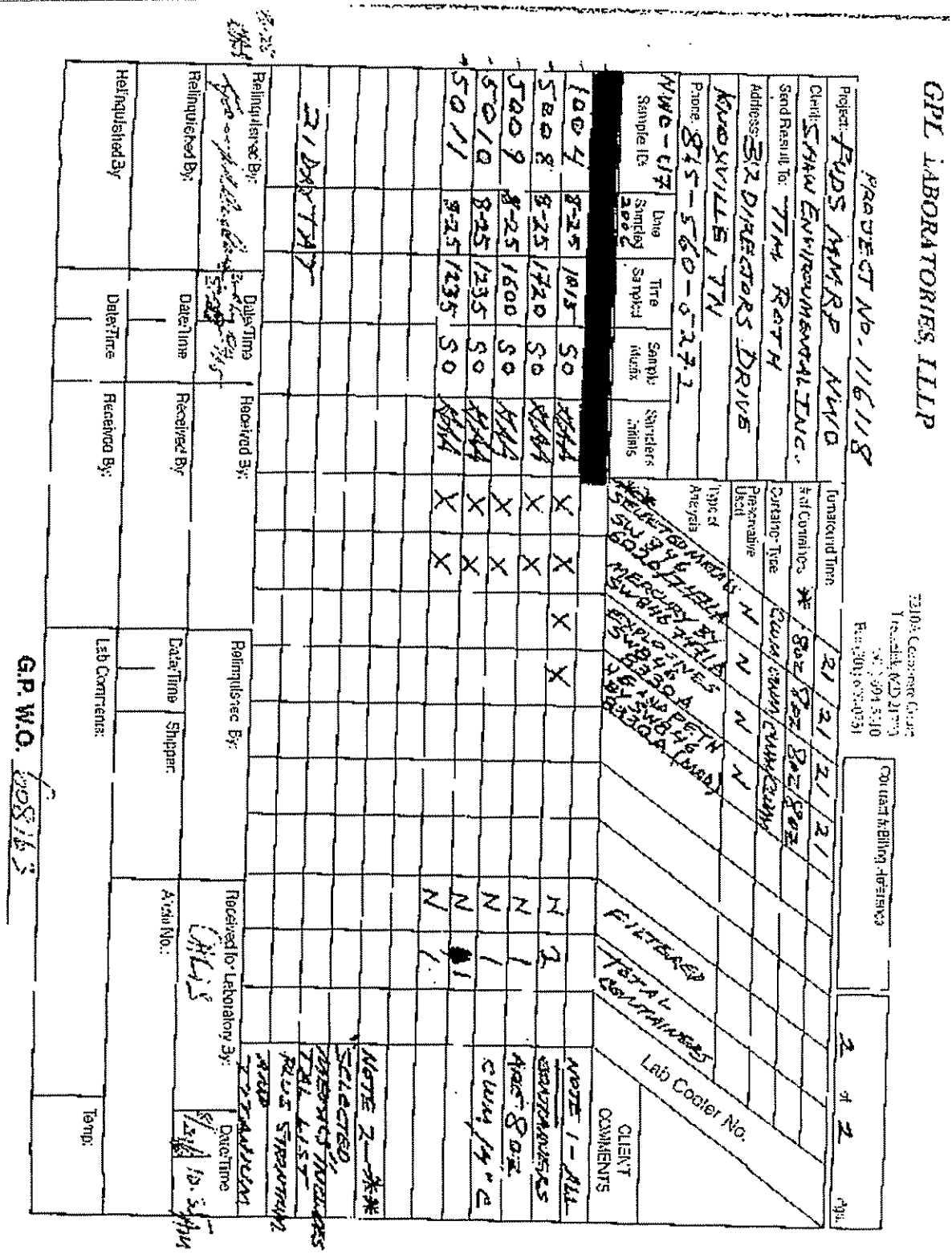
Camp Adair/Adair AFS

F10OR002908_01.09_0505_a 200-1e 1024

Chain of Custody

Shaw E&I, Inc

SDG: 608163



Camp Adair/Adair AFS
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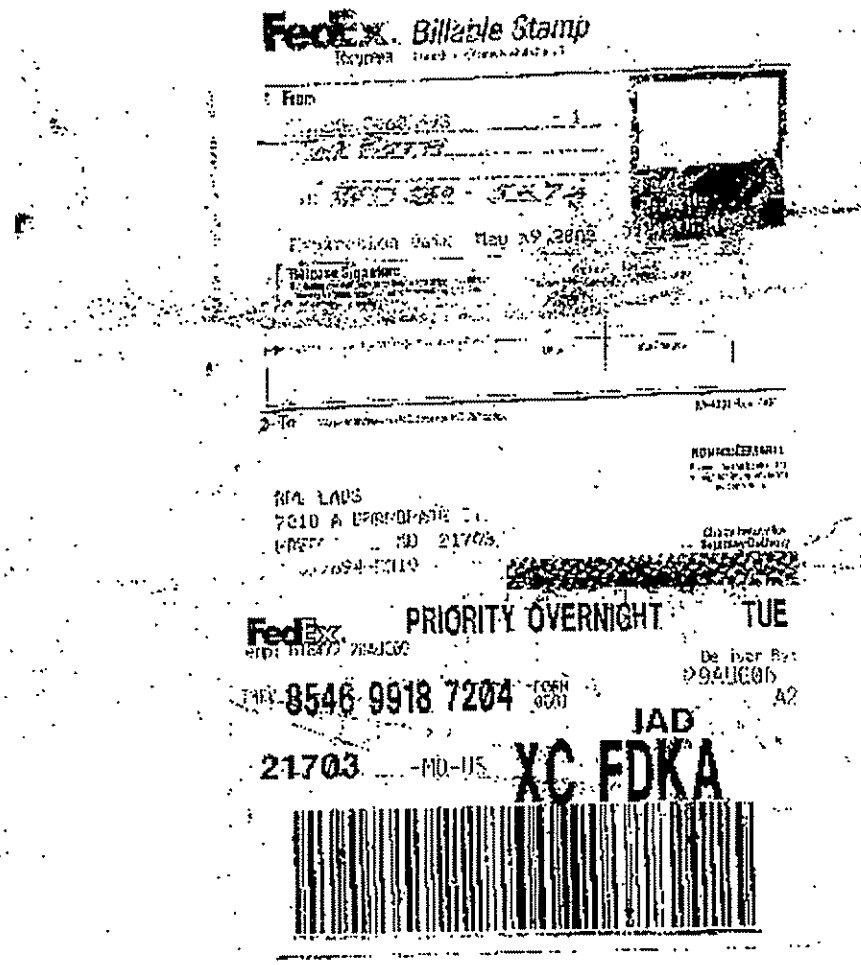
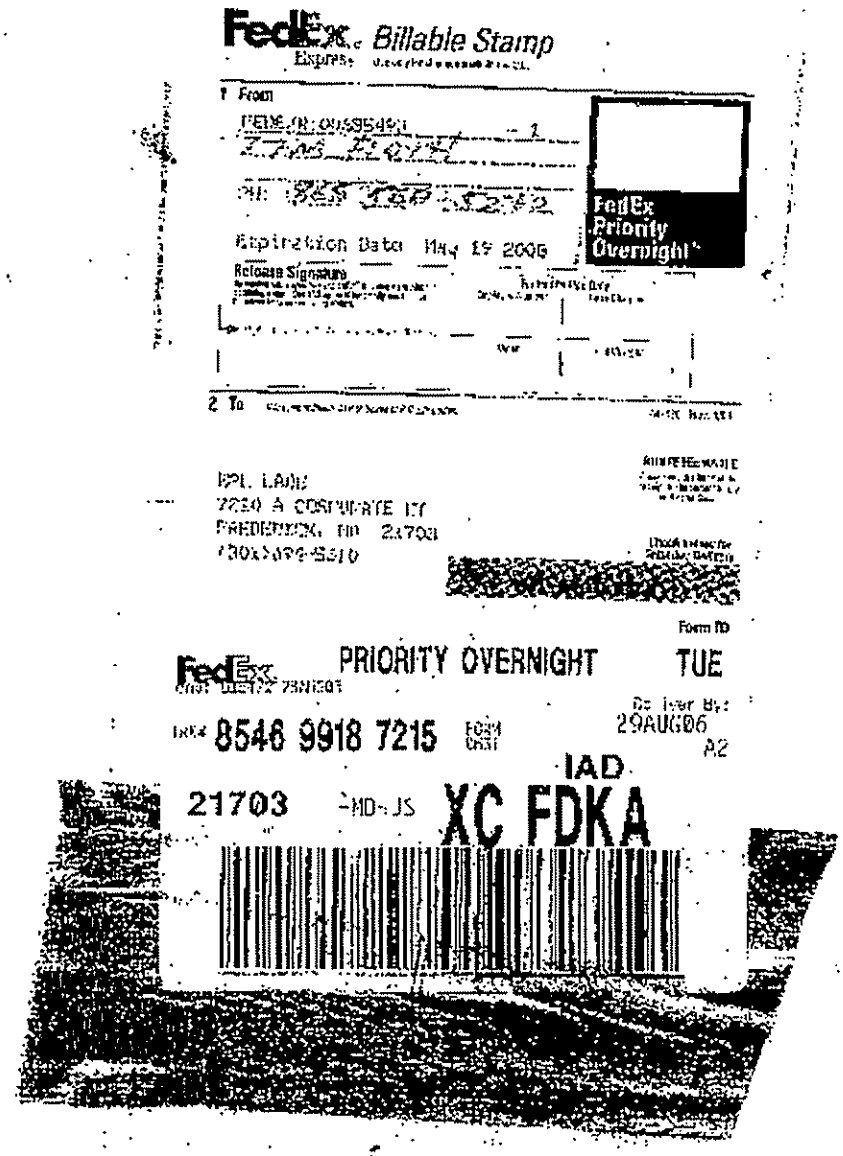

FedEx Billable Stamp
From
GPL LABS
7210 A
MD 21703
FedEx
PRIORITY OVERNIGHT
TUE
8546 9918 7204
JAD
21703
MD-US
XC FDKA


FedEx Billable Stamp
Express
From
Expiration Date May 19 2006
FedEx Priority Overnight
Release Signature
To
GPL LABS
7210 A CORPORATE CT
FREDERICK MD 21703
(301)694-5310
Form ID
FedEx PRIORITY OVERNIGHT TUE
Deliver By:
29AUG06
A2
8546 9918 7215
IAD
21703 MD-US XC FDKA

GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 608163

Client Name: SHAW

Date Received: 8/29/06

Time Received: 10:35

Received By: CHRIS

Carrier Name: FEDX

Prepared (Logged In) By: HD 8/29/06 (Initials / Date)

Project:

Site:

VOA Holding Blank I.D. No:

	YES	NO
Air/Bill/Manifest Present?	✓	
No:		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container? Condition: Broken / Intact-not dated or signed / Intact dated and signed ✓	✓	
Usage of Tamper Evident Type	✓	
Chain-of-Custody Present?	✓	
Chain-of-Custody Agrees with Sample Labels?	✓	
Chain-of-Custody Signed?	✓	
Packing Present in Shipping Container? Type of Packing	✓	
Custody Seals on Sample Bottles? Condition: Good / Broken	✓	
Total Number of Sample Bottles 25		
Total Number of Samples 16		
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks: No. of Sets		✓
Field Blanks: No. of Sets		✓
Equip. Blank: No. of Sets		✓
Field Duplicate: No. of Sets		✓
MS/MSD: No of Sets		✓
VOA Vials Have Zero Headspace? If no, smaller or greater than a Green Pea (see comments)		✓
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By?		✓
Ice Present in Shipping Container?	✓	

Container #	Temp.	Container #	Temp.
1	2.0	2	2.0

Project Manager Contacted? Name: FM
Date Contacted: 8/29/06

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A

COMMENTS: COC Number [NW0017-023] has one sample labeled NW0-017-5012 (10:30), but the sample ID on bottle is [NW0-017-5012]. So we used the sample ID written on the bottle unless otherwise specified by the client or GPL PM. None of other samples listed on COC NW0017-023 were received with this shipment.

Checklist Completed By: HD

Date: 8/29/06

SOP No. F.2V15

LOW IMPACT EXPLOSIVES AND PROPELLANTS

GPL Laboratories

A. QC Summary

1. Surrogate Percent Recovery Summary

2. Matrix Spike/Matrix Spike Duplicate Summary

3. Laboratory Control Standard Summary (where applicable)

4. Method Blank Summary

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8330A** **SDG No : 608163**

Surrogate	NO2ANIL4
Lower QC Limits	31
Upper QC Limits	129
Sample ID	
BKS93563	99
BLK93563	108
NWO-017-0024	69
NWO-017-0025	67
NWO-017-0033	83
NWO-017-0034	67
NWO-017-0034MS	76
NWO-017-0034MSD	79
NWO-017-1002	104
NWO-017-1004	74
NWO-017-1005	81
NWO-017-1006	96
NWO-017-1007	66

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-017-0034MSD

Lab Name : GPL Laboratories SDG NO : 608163 Method : SW8330A

Lab Code : GPL Lab Sample ID : 608163-001-001-1/2MSD Matrix : SOIL Analysis Date : 09/18/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	.5	.5	0.0	0.36	0.39	72 *	78	8	25	75-125
1,3-Dinitrobenzene	.5	.5	0.0	0.40	0.40	78 *	80	3	25	80-125
2,4,6-Trinitrotoluene	.5	.5	0.0	0.41	0.41	82	82	0	25	55-140
2,4-Dinitrotoluene	.5	.5	0.0	0.35	0.39	70 *	78 *	11	25	80-125
2,6-Dinitrotoluene	.5	.5	0.0	0.41	0.46	82	92	11	25	80-120
2-Amino-4,6-Dinitrotoluene	.5	.5	0.0	0.37	0.38	74 *	76 *	3	25	80-125
4-Amino-2,6-Dinitrotoluene	.5	.5	0.0	0.59	0.36	118	72 *	48 *	25	80-125
HMX	.5	.5	0.0	0.44	0.43	88	86	2	25	75-125
Nitrobenzene	.5	.5	0.0079	0.39	0.40	76	76	0	25	75-125
RDX	.5	.5	0.0	0.40	0.36	80	72	11	25	70-135
Tetryl	.5	.5	0.0	0.36	0.39	72	78	8	25	10-150
m-Nitrotoluene	.5	.5	0.0	0.42	0.40	84	80	5	25	75-120
o-Nitrotoluene	.5	.5	0.0	0.45	0.39	90	78 *	14	25	80-125
p-Nitrotoluene	.5	.5	0.0	0.41	0.39	82	78	5	25	75-125

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 1 Out of 14 Outside Limit
Spike Recovery : 8 Out of 28 outside limit

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-017-0034MSD

Lab Name : GPL Laboratories SDG NO : 608163 Method : SW8330

Lab Code : GPL Lab Sample ID : 608163-001-001-1/2MSD Matrix : SOIL Analysis Date : 09/18/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Nitroglycerine	10	10	0.0	10	10	100	100	0	25	50-150

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 1 Outside Limit
Spike Recovery : 0 Out of 2 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93563

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330A

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608163
Lab Sample ID : BKS93563
Analysis Date : 09/18/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	.5	0	0.34	68 *	75-125
1,3-Dinitrobenzene	.5	0	0.46	92	80-125
2,4,6-Trinitrotoluene	.5	0	0.50	100	55-140
2,4-Dinitrotoluene	.5	0	0.44	88	80-125
2,6-Dinitrotoluene	.5	0	0.53	106	80-120
2-Amino-4,6-Dinitrotoluene	.5	0	0.47	94	80-125
4-Amino-2,6-Dinitrotoluene	.5	0	0.45	90	80-125
HMX	.5	0	0.50	100	75-125
Nitrobenzene	.5	0	0.44	88	75-125
RDX	.5	0	0.45	90	70-135
Tetryl	.5	0	0.29	58	10-150
m-Nitrotoluene	.5	0	0.44	88	75-120
o-Nitrotoluene	.5	0	0.44	88	80-125
p-Nitrotoluene	.5	0	0.56	112	75-125

* Values Outside of QC Limits.

Spike recovery 1 out of 14 outside limits

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93568

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608163
Lab Sample ID : BKS93568
Analysis Date : 09/18/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Nitroglycerine	10	0	11	110	50-150

* Values Outside of QC Limits.

Spike recovery :0 out of 1 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93568

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93568
Lab File ID :	LA16258.D	SDG NO :	608163
Date Analyzed	09/18/2006	Lab Sample ID :	BLK93568
Date Extracted :	09/05/2006	Time Analyzed :	13:50
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93568	BKS93568	LA16262.D	09/18/2006
NWO-017-0034MS	608163-001-001-1/2MS	LA16263.D	09/18/2006
NWO-017-0034MSD	608163-001-001-1/2MSD	LA16264.D	09/18/2006
NWO-017-0034	608163-001-001-1/2	LA16265.D	09/18/2006
NWO-017-1007	608163-002-003-1/2	LA16269.D	09/19/2006
NWO-017-1002	608163-003-005-1/2	LA16270.D	09/19/2006
NWO-017-0025	608163-004-007-1/2	LA16271.D	09/19/2006
NWO-017-1005	608163-005-009-1/2	LA16272.D	09/19/2006
NWO-017-1006	608163-006-011-1/2	LA16273.D	09/19/2006
NWO-017-0033	608163-007-013-1/2	LA16274.D	09/19/2006
NWO-017-0024	608163-008-015-1/2	LA16275.D	09/19/2006
NWO-017-1004	608163-012-017-1/2	LA16276.D	09/19/2006

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93563

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93563
Lab File ID :	LA16258.D	SDG NO :	608163
Date Analyzed	09/18/2006	Lab Sample ID :	BLK93563
Date Extracted :	09/05/2006	Time Analyzed :	13:50
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93563	BKS93563	LA16259.D	09/18/2006
NWO-017-0034MS	608163-001-001-1/2MS	LA16260.D	09/18/2006
NWO-017-0034MSD	608163-001-001-1/2MSD	LA16261.D	09/18/2006
NWO-017-0034	608163-001-001-1/2	LA16265.D	09/18/2006
NWO-017-1007	608163-002-003-1/2	LA16269.D	09/19/2006
NWO-017-1002	608163-003-005-1/2	LA16270.D	09/19/2006
NWO-017-0025	608163-004-007-1/2	LA16271.D	09/19/2006
NWO-017-1005	608163-005-009-1/2	LA16272.D	09/19/2006
NWO-017-1006	608163-006-011-1/2	LA16273.D	09/19/2006
NWO-017-0033	608163-007-013-1/2	LA16274.D	09/19/2006
NWO-017-0024	608163-008-015-1/2	LA16275.D	09/19/2006
NWO-017-1004	608163-012-017-1/2	LA16276.D	09/19/2006

B. Sample Data

1. TCL Results

2. Chromatographs from Primary and Confirmatory Analyses

3. Integration Report for Primary and Confirmatory Analyses

GPL Laboratories

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2
Sample Volume :	10.03	Lab File ID :	LA16265.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	µ L	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.0078	J
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2
Sample Volume :	10.03	Lab File ID :	LA16265.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16265.D Vial: 38
Acq On : 18 Sep 2006 11:23 pm Operator: AG
Sample : 608163-001-001-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.30	13096562	100.136 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	66.76%
Target Compounds			
11) M Nitrobenzene	22.88	733148	1.975 ng/mlm

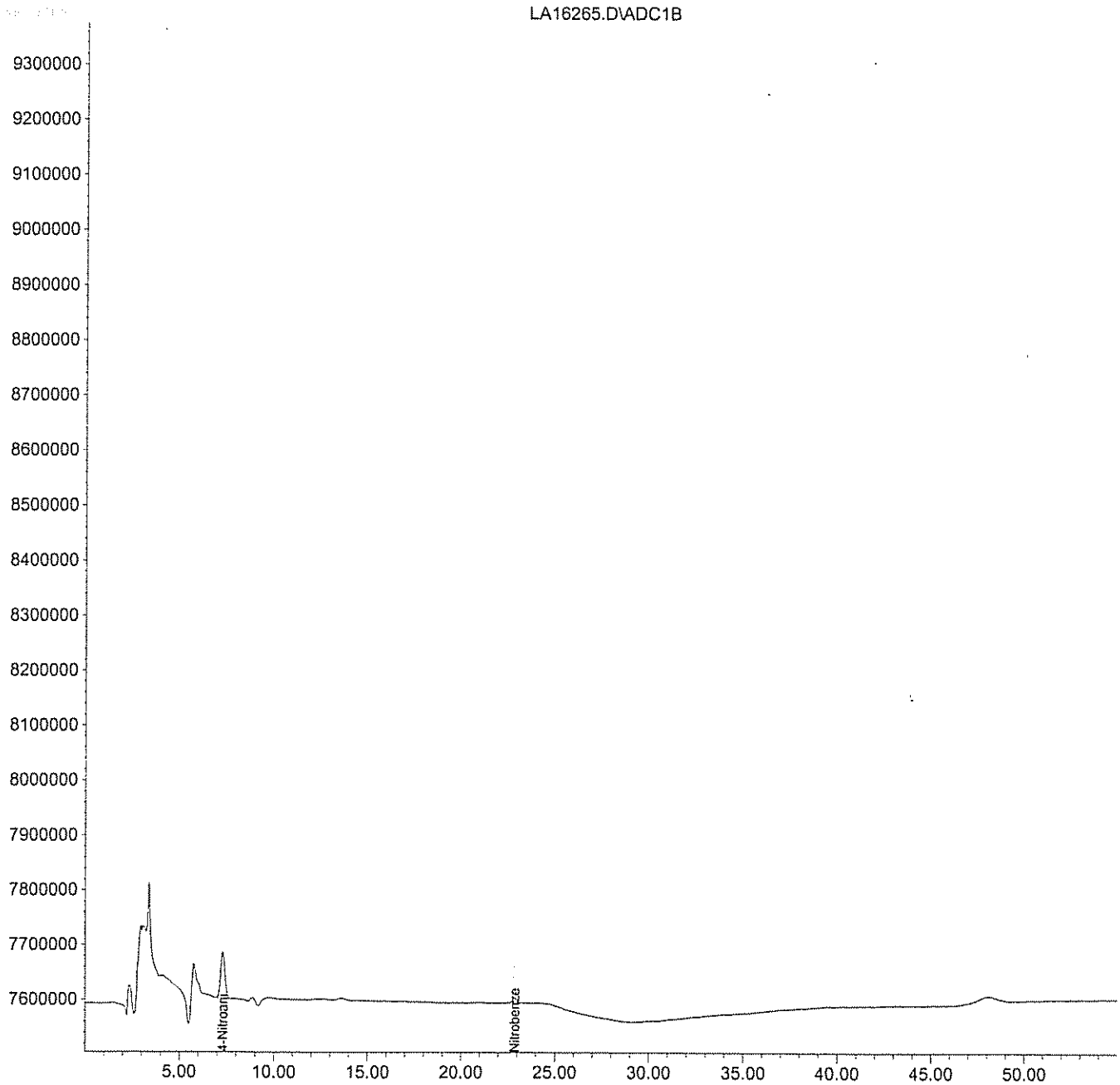
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16265.D Vial: 38
Acq On : 18 Sep 2006 11:23 pm Operator: AG
Sample : 608163-001-001-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16265.D Vial: 38
Acq On : 18 Sep 2006 11:23 pm Operator: AG
Sample : 608163-001-001-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.30	12942035	105.574	PPB
Spiked Amount 300.000		Recovery =	35.19%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

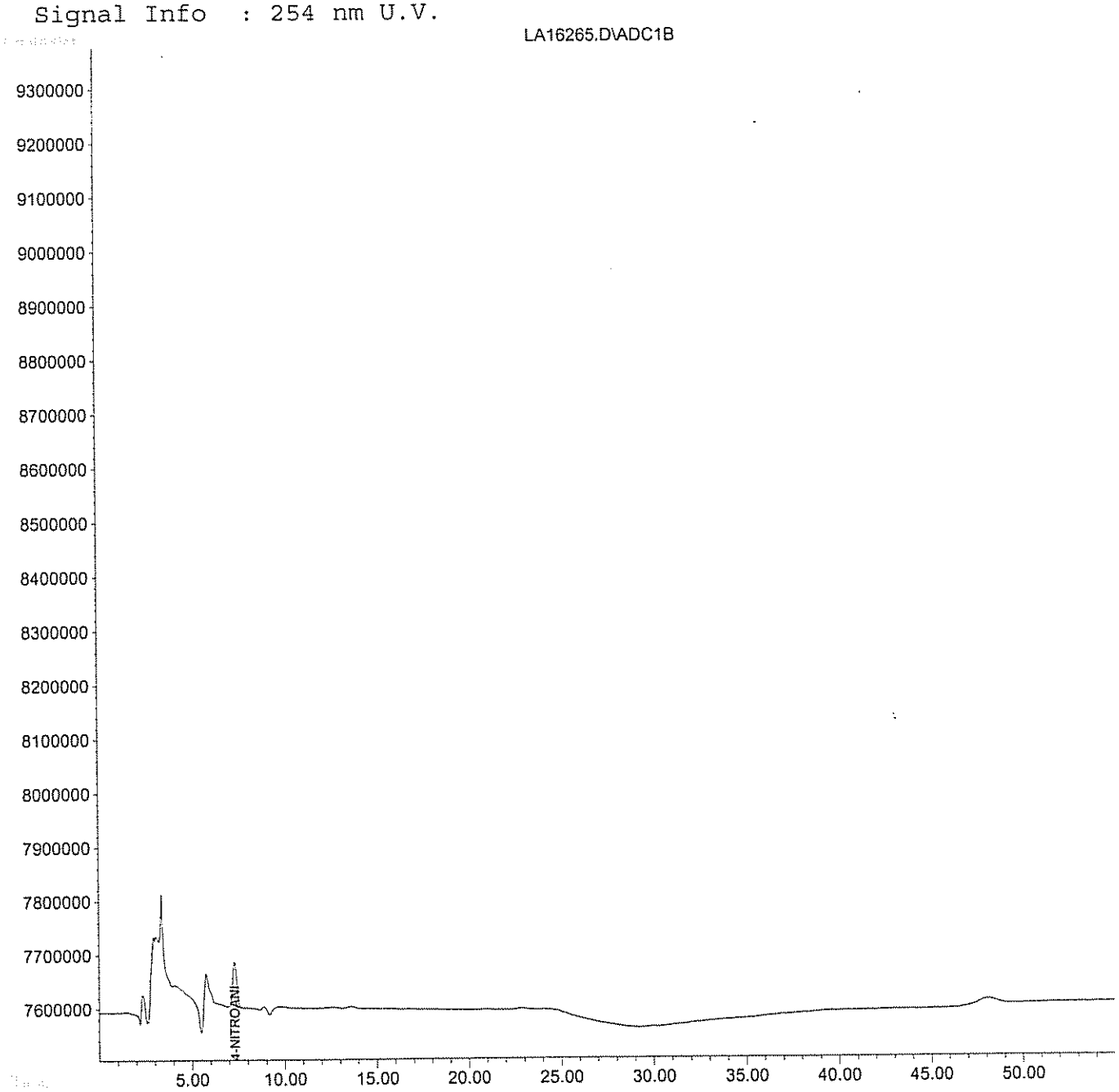
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16265.D Vial: 38
Acq On : 18 Sep 2006 11:23 pm Operator: AG
Sample : 608163-001-001-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1007

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-002-003-1/2
Sample Volume :	10.03	Lab File ID :	LA16269.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.034	J
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1007

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-002-003-1/2
Sample Volume :	10.03	Lab File ID :	LA16269.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	6.6	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16269.D Vial: 42
Acq On : 19 Sep 2006 3:21 am Operator: AG
Sample : 608163-002-003-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.30	12881852	98.495 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	65.66%
Target Compounds			
11) M Nitrobenzene	22.91	3138510	8.453 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

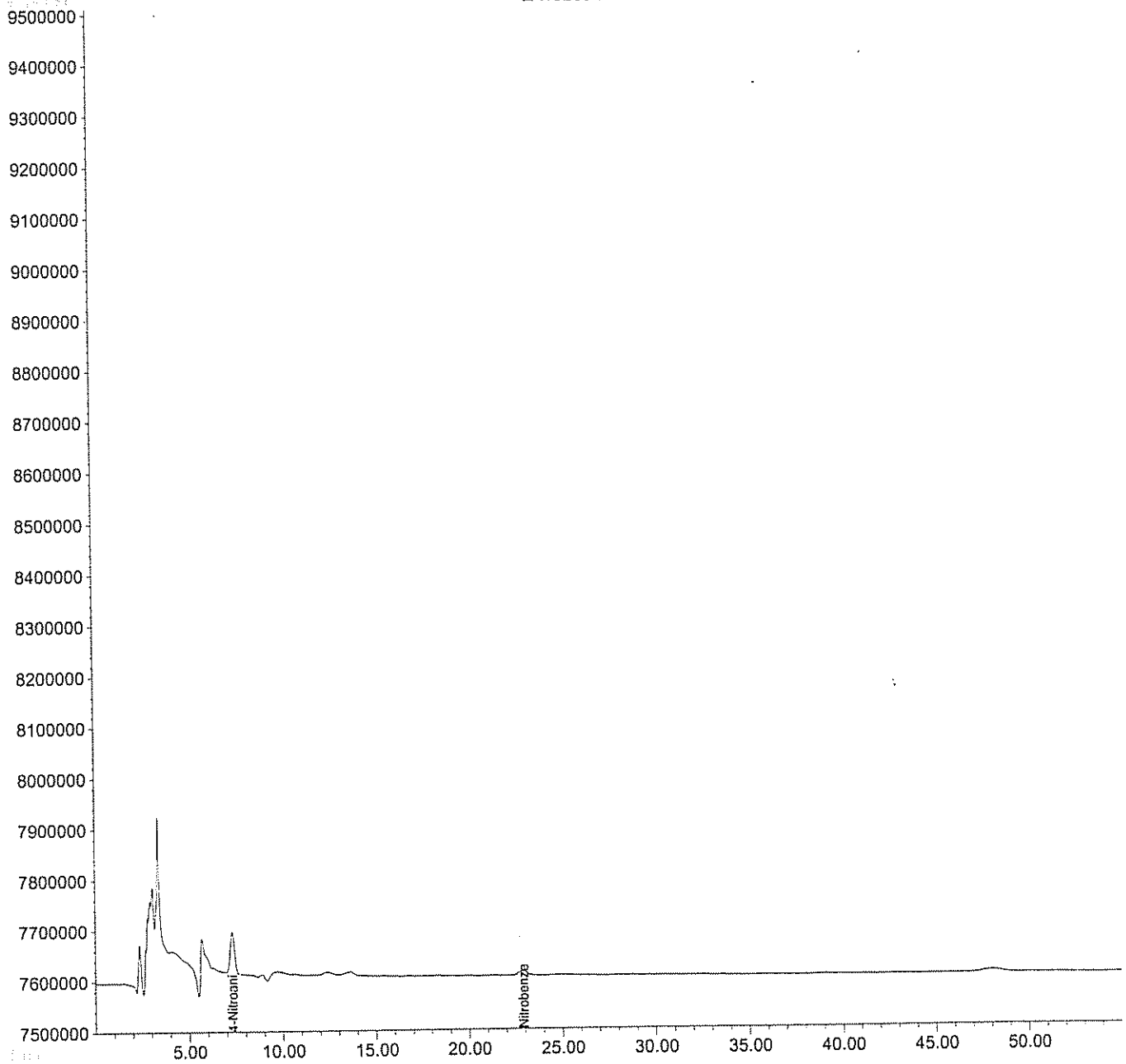
Data File : H:\LCDATA\LCA\091706\LA16269.D
Acq On : 19 Sep 2006 3:21 am
Sample : 608163-002-003-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 20 9:30 2006 Quant Results File: 67258330.RES

Vial: 42
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16269.D\ADC1B



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16269.D Vial: 42
Acq On : 19 Sep 2006 3:21 am Operator: AG
Sample : 608163-002-003-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:12 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	7.30	12909955	105.312 PPB
Spiked Amount 300.000		Recovery =	35.10%
Target Compounds			
2) M NITROGLYCERINE	22.91	2913663	1.655 PPM m

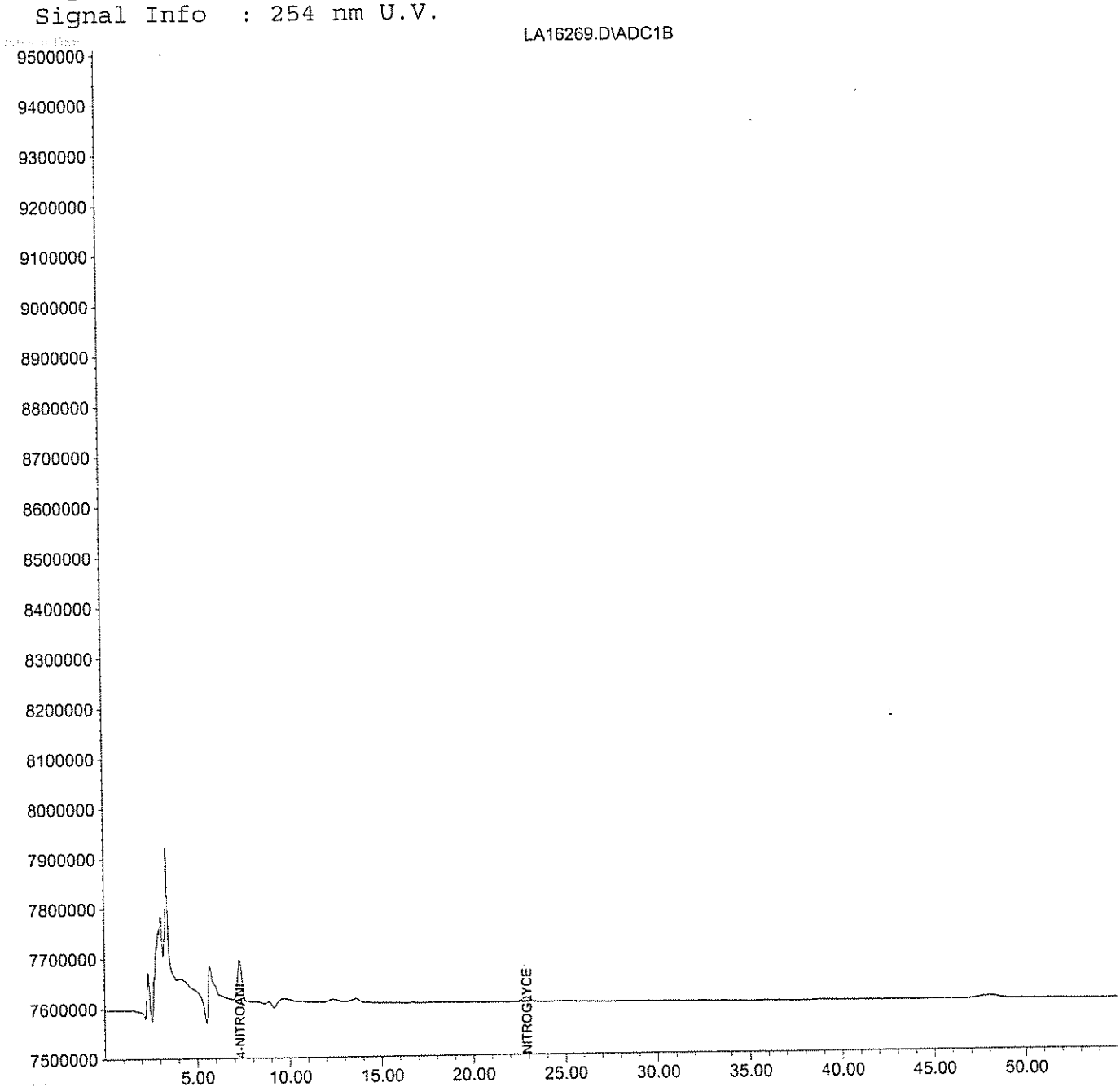
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16269.D Vial: 42
Acq On : 19 Sep 2006 3:21 am Operator: AG
Sample : 608163-002-003-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:12 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1002

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-003-005-1/2
Sample Volume :	10.04	Lab File ID :	LA16270.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1002

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-003-005-1/2
Sample Volume :	10.04	Lab File ID :	LA16270.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16270.D Vial: 43
Acq On : 19 Sep 2006 4:21 am Operator: AG
Sample : 608163-003-005-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:45 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.29	20339013	155.512	ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery = 103.67%		
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

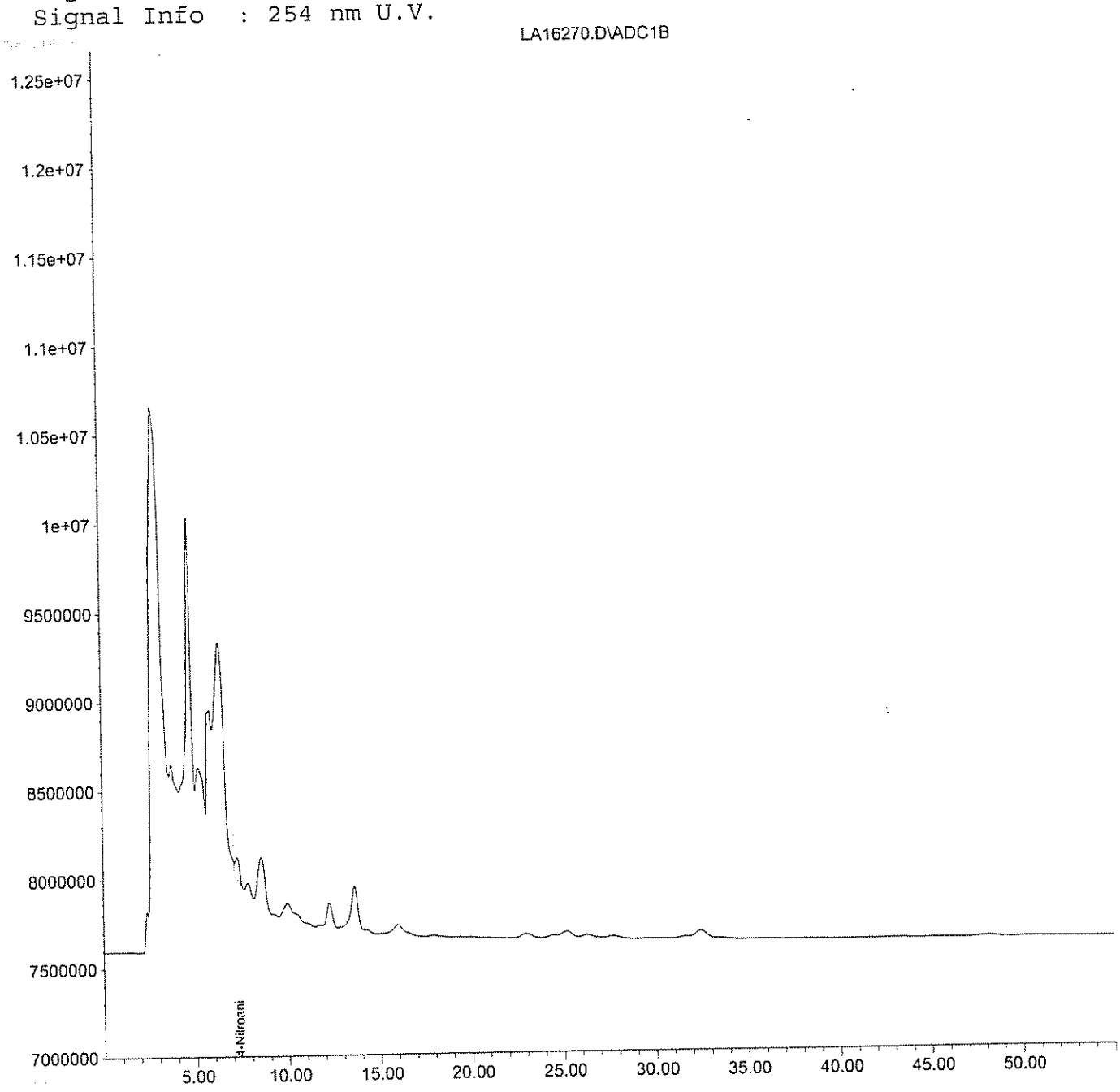
Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16270.D
Acq On : 19 Sep 2006 4:21 am
Sample : 608163-003-005-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:45 2006 Quant Results File: 67258330.RES

Vial: 43
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16270.D Vial: 43
Acq On : 19 Sep 2006 4:21 am Operator: AG
Sample : 608163-003-005-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:41 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.31	15048036	122.753	PPB	m
Spiked Amount 300.000	Recovery = 40.92%				
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

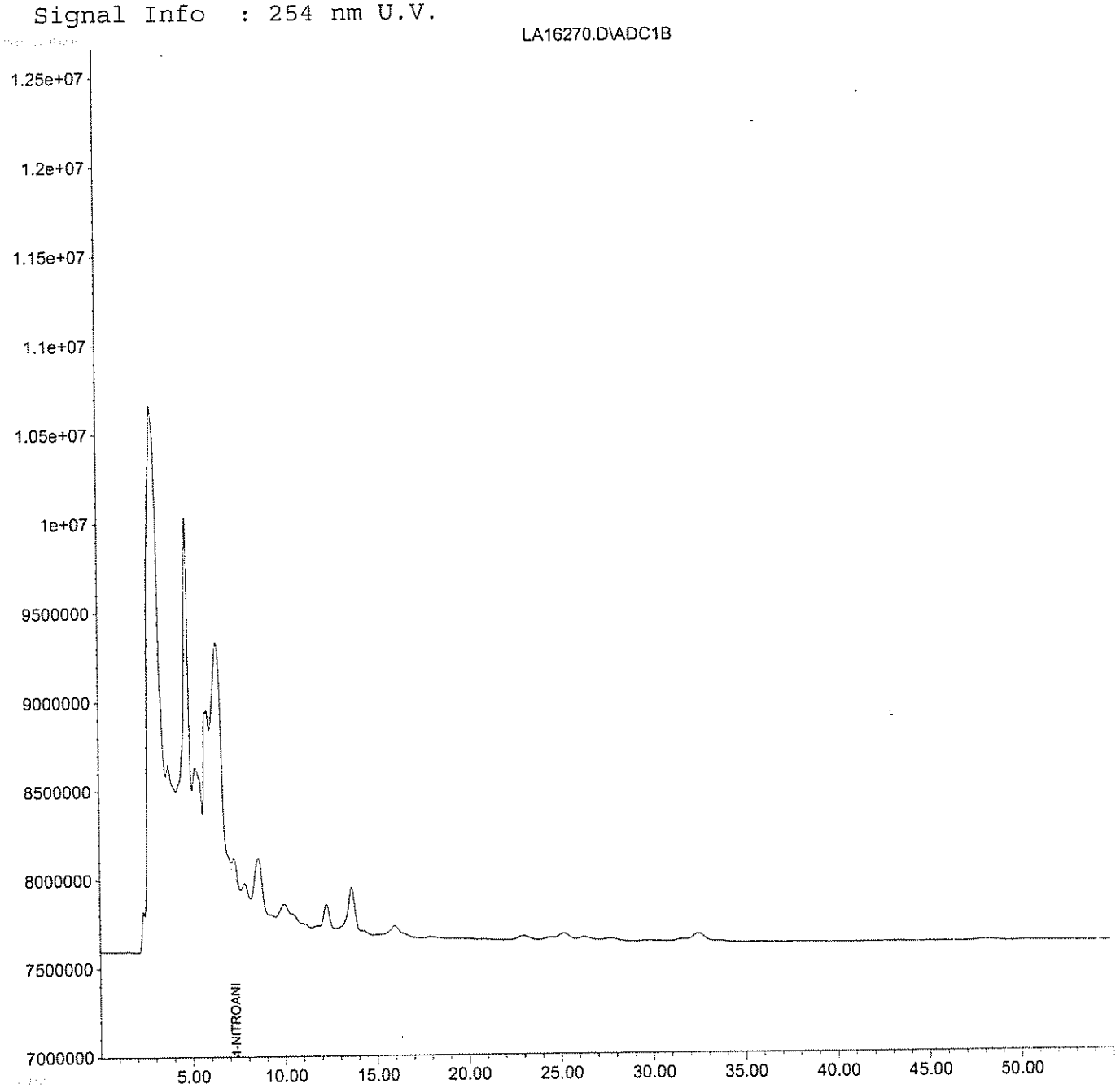
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16270.D Vial: 43
Acq On : 19 Sep 2006 4:21 am Operator: AG
Sample : 608163-003-005-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:41 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36329.D
Acq On : 21 Sep 2006 10:06 pm
Sample : 608163-003
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:38 2006 Quant Results File: 073006C.RES

Vial: 3
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.93	39751182	309.622 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery = 206.41%#	
Target Compounds			

Divider. LCA
Curves 09/17/06
Form 10
LCB curve

(f)=RT Delta > 1/2 Window
(m)=manual int.

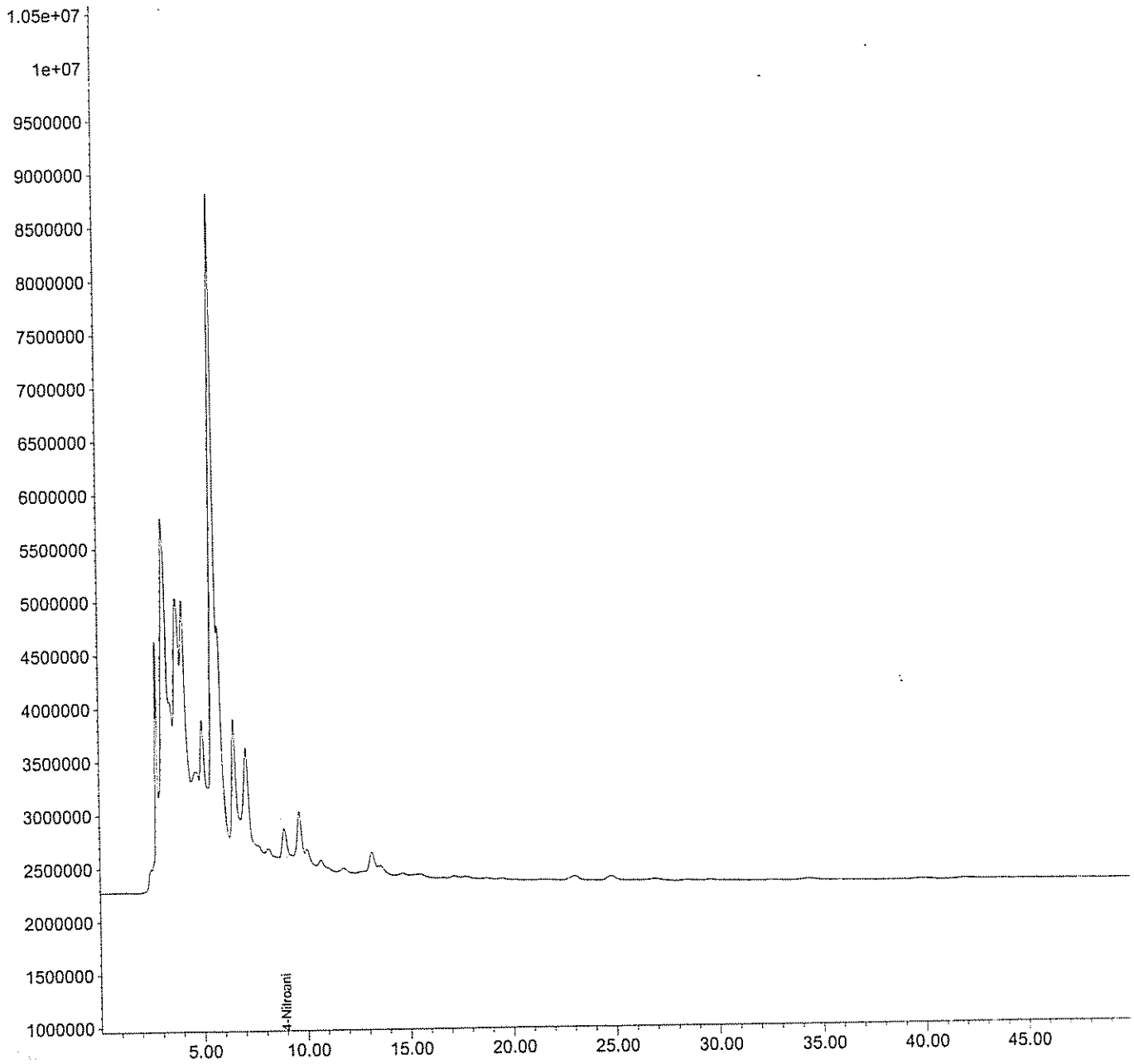
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36329.D
Acq On : 21 Sep 2006 10:06 pm
Sample : 608163-003
Misc : SOIL
IntFile : events.e
Vial: 3
Operator: AG.
Inst : LCB
Multiplr: 1.00
Quant Time: Sep 22 10:38 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

LB36329.D\ADC1A



LB36329.D 073006C.M Fri Sep 22 11:04:47 2006 1 Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\0921NG\LB36329.D Vial: 3
Acq On : 21 Sep 2006 10:06 pm Operator: AG.
Sample : 608163-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:39 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	8.93	39904732	380.988	PPB	m
Spiked Amount 300.000		Recovery =	127.00%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	

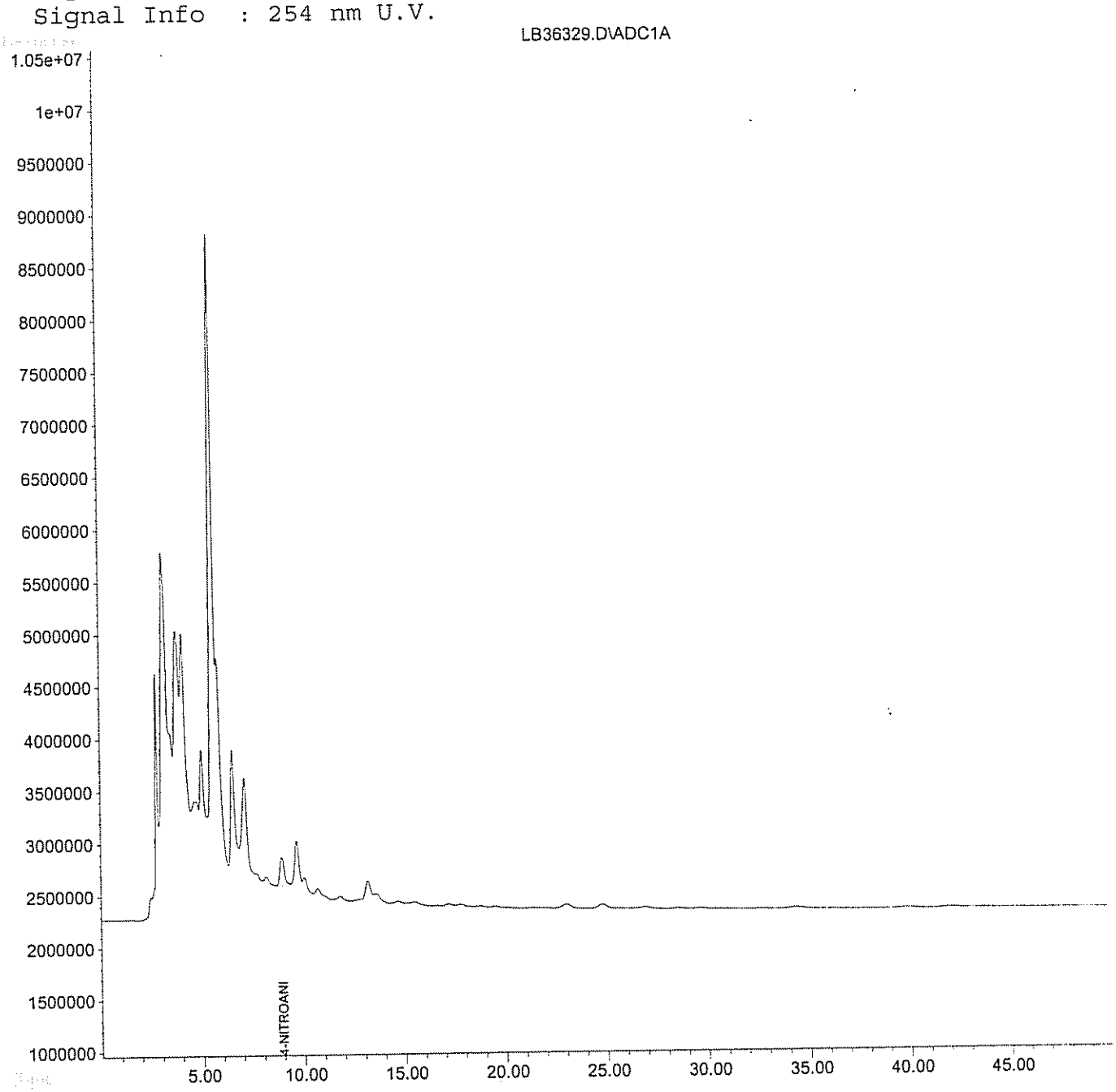
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092106\0921NG\LB36329.D Vial: 3
Acq On : 21 Sep 2006 10:06 pm Operator: AG.
Sample : 608163-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:39 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



LB36329.D 6802NGCO.M Fri Sep 22 11:13:02 2006 1 Page 2

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0025

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-004-007-1/2
Sample Volume :	10	Lab File ID :	LA16271.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0025

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-004-007-1/2
Sample Volume :	10	Lab File ID :	LA16271.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16271.D Vial: 44
Acq On : 19 Sep 2006 5:20 am Operator: AG
Sample : 608163-004-007-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:46 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.31	13059950	99.857 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	66.57%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

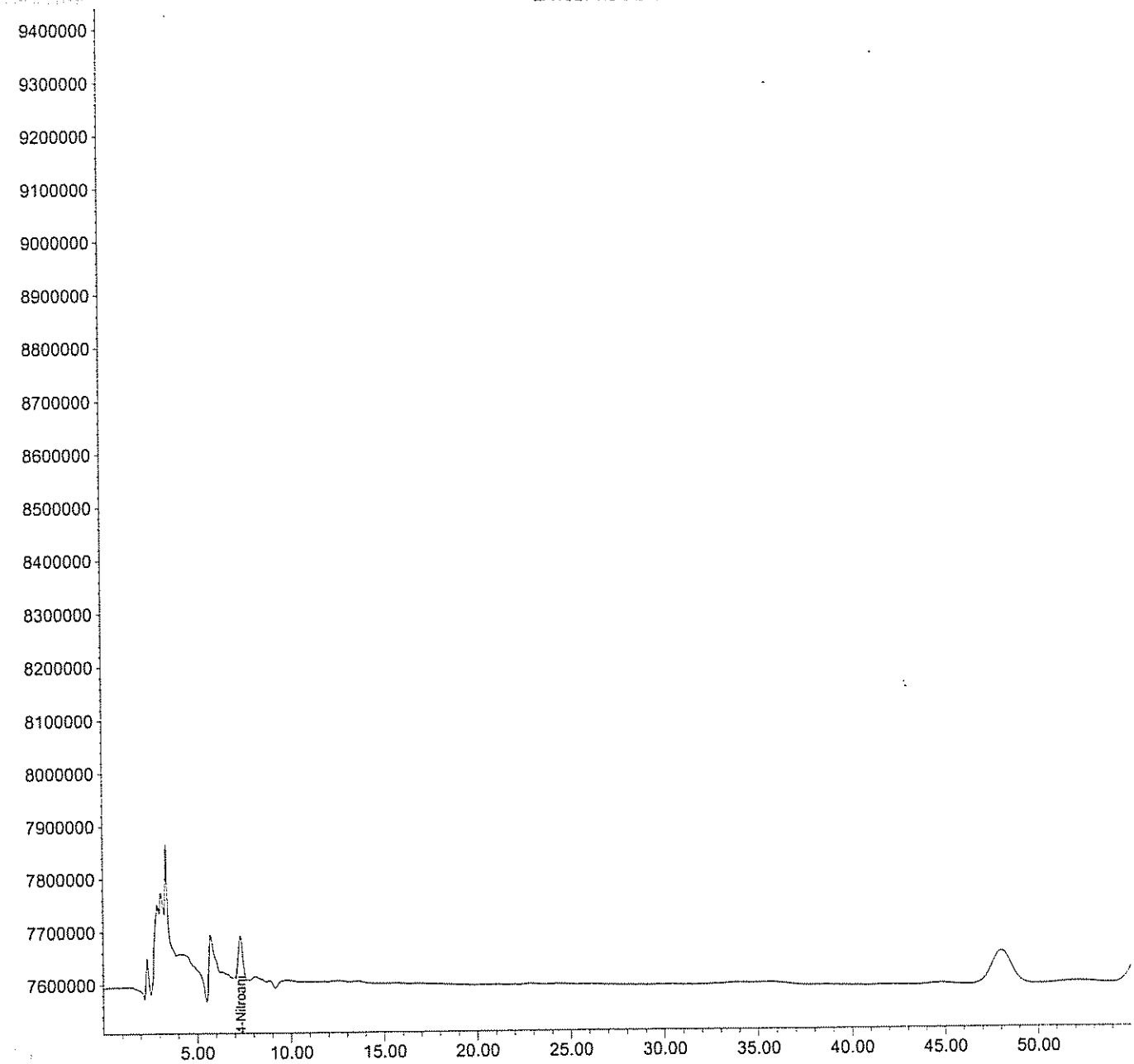
Data File : H:\LCDATA\LCA\091706\LA16271.D
Acq On : 19 Sep 2006 5:20 am
Sample : 608163-004-007-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:46 2006 Quant Results File: 67258330.RES

Vial: 44
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16271.D\ADC1B



LA16271.D 67258330.M Fri Sep 22 10:53:52 2006 1 Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16271.D Vial: 44
Acq On : 19 Sep 2006 5:20 am Operator: AG
Sample : 608163-004-007-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.31	13063661	106.566	PPB
Spiked Amount 300.000		Recovery =	35.52%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

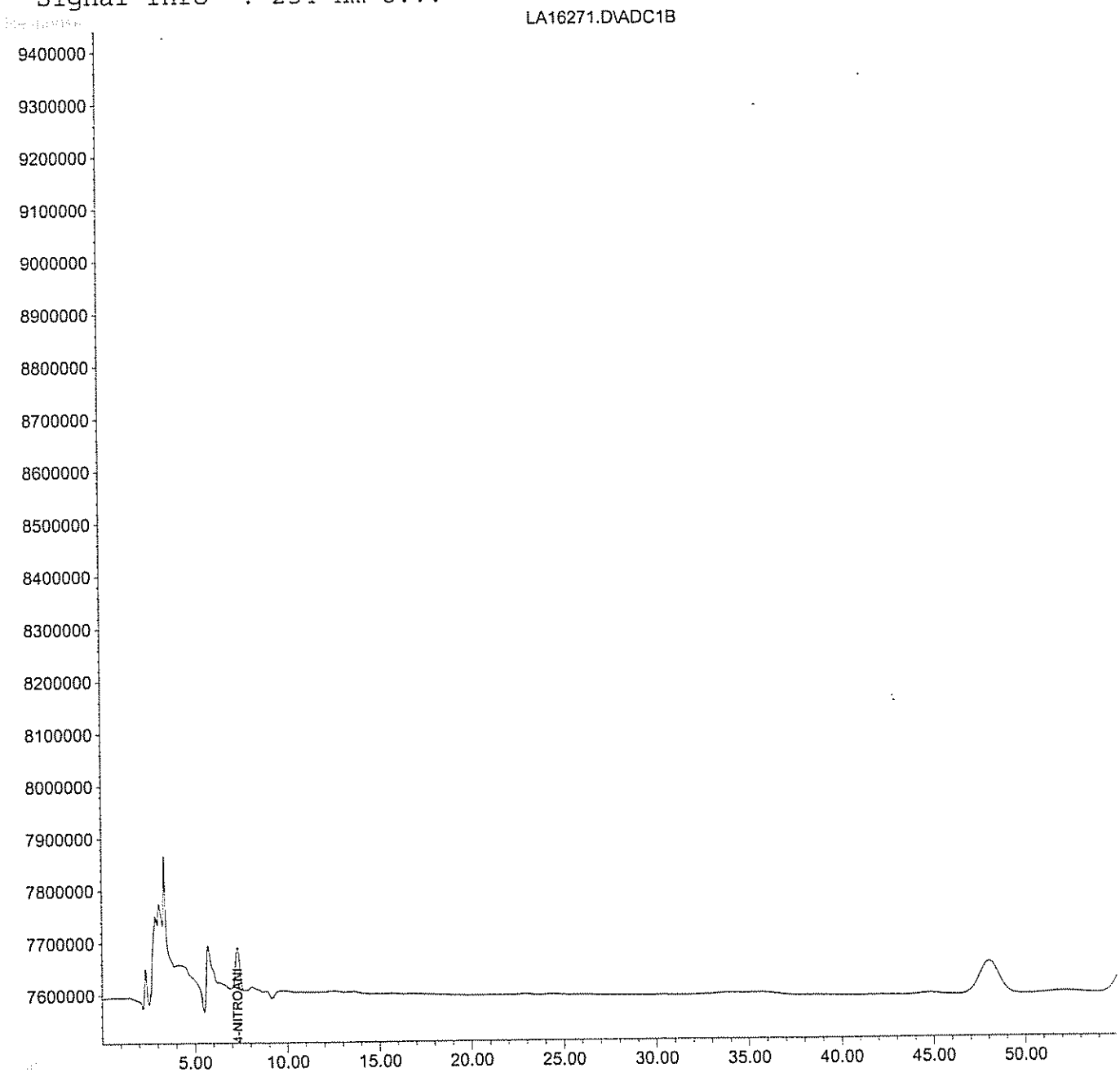
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16271.D Vial: 44
Acq On : 19 Sep 2006 5:20 am Operator: AG
Sample : 608163-004-007-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36330.D
Acq On : 21 Sep 2006 10:57 pm
Sample : 608163-004
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:27 2006 Quant Results File: 073006C.RES

Vial: 4
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	9.03f	12652871	98.553 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	65.70%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

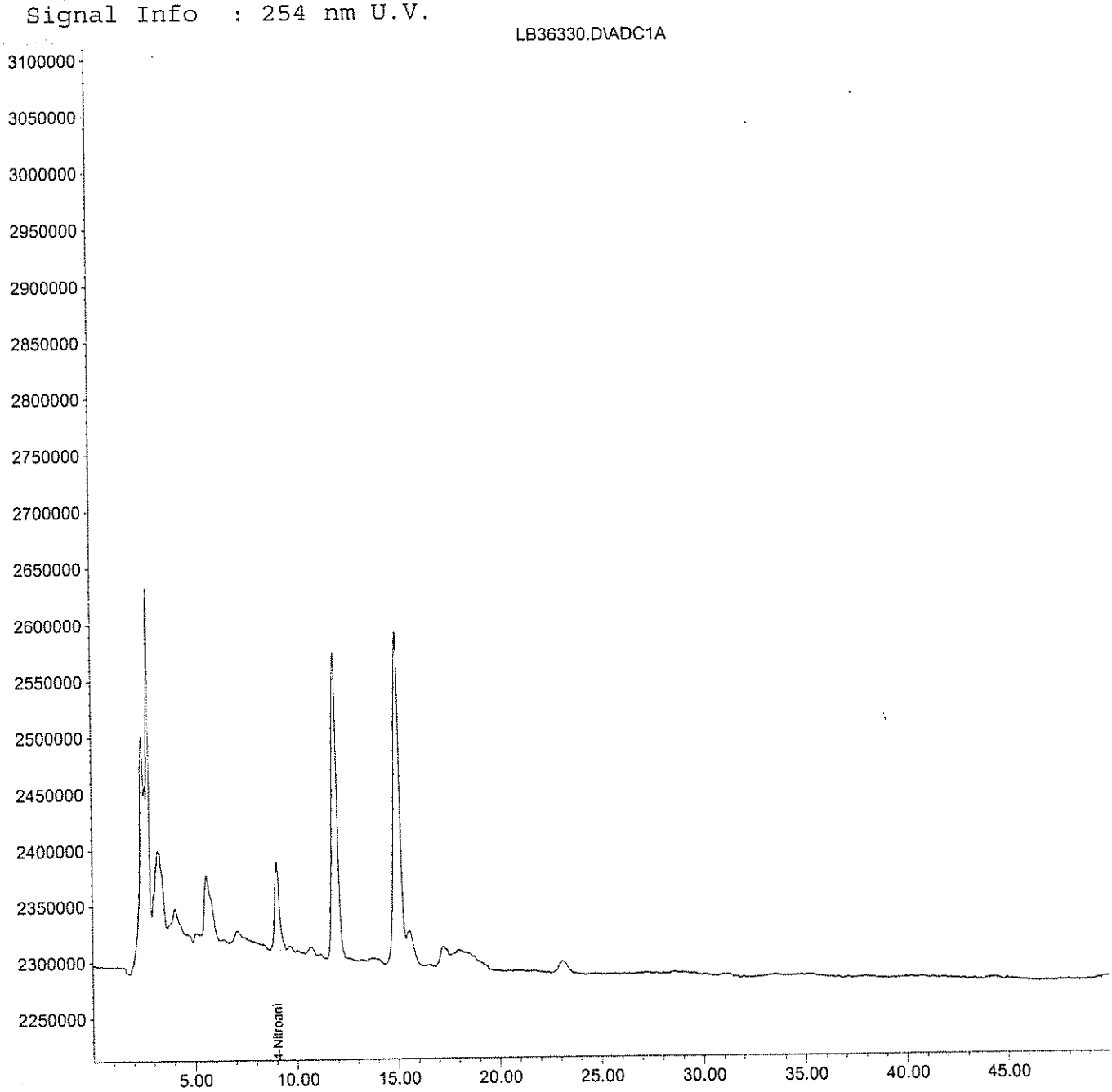
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36330.D
Acq On : 21 Sep 2006 10:57 pm
Sample : 608163-004
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:27 2006 Quant Results File: 073006C.RES

Vial: 4
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\0921NG\LB36330.D Vial: 4
Acq On : 21 Sep 2006 10:57 pm Operator: AG.
Sample : 608163-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:39 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	9.03	12759777	121.823	PPB	m
Spiked Amount 300.000		Recovery =	40.61%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	

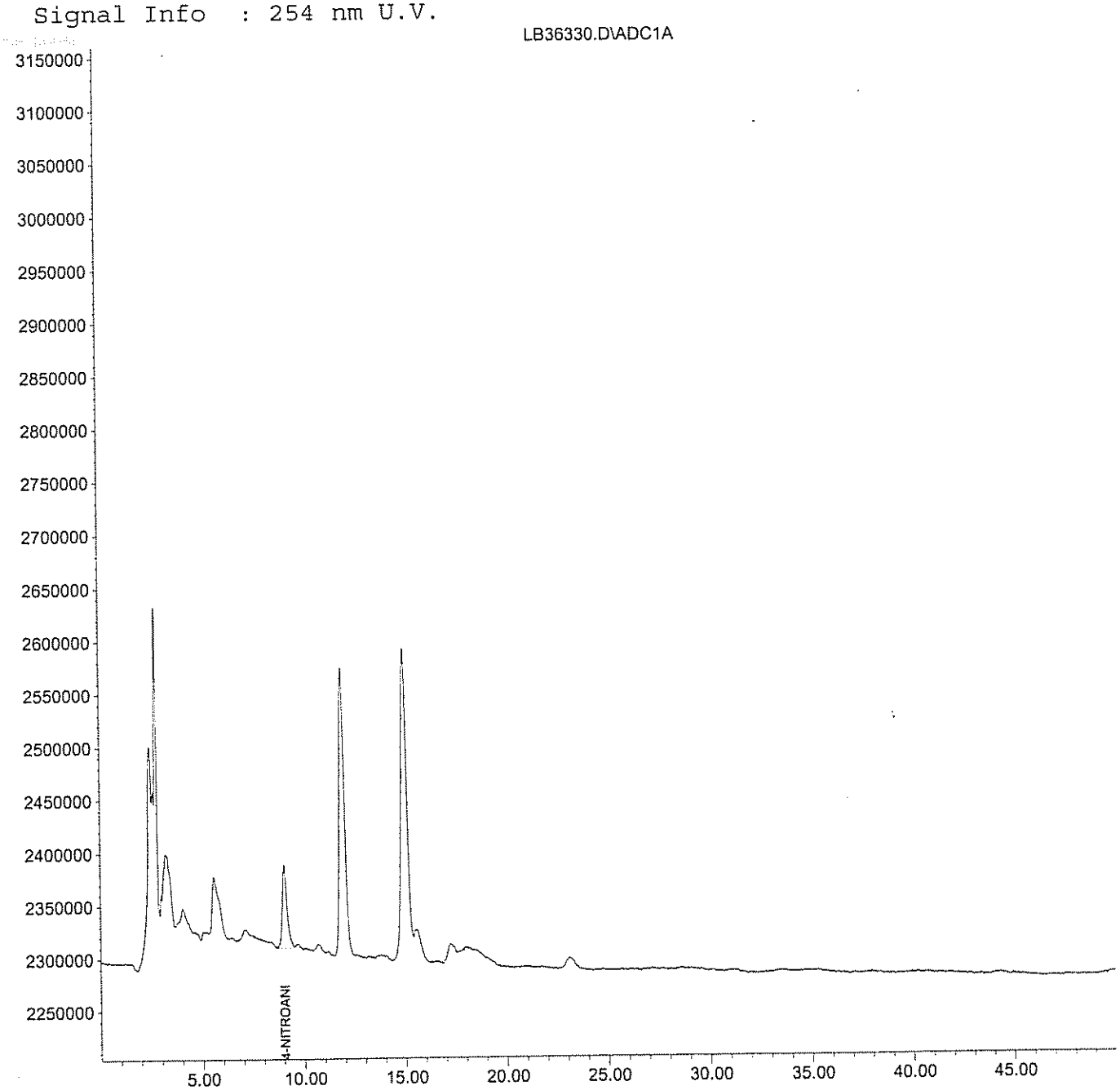
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092106\0921NG\LB36330.D Vial: 4
Acq On : 21 Sep 2006 10:57 pm Operator: AG.
Sample : 608163-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:39 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



LB36330.D 6802NGCO.M Fri Sep 22 11:13:04 2006 1 Page 2

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1005

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-005-009-1/2
Sample Volume :	10	Lab File ID :	LA16272.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	1.5	
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1005

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-005-009-1/2
Sample Volume :	10	Lab File ID :	LA16272.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16272.D Vial: 45
Acq On : 19 Sep 2006 6:20 am Operator: AG
Sample : 608163-005-009-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:46 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.31	15951345	121.964 ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 81.31%			
Target Compounds			
1) T HMX	4.77	47520594	385.493 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

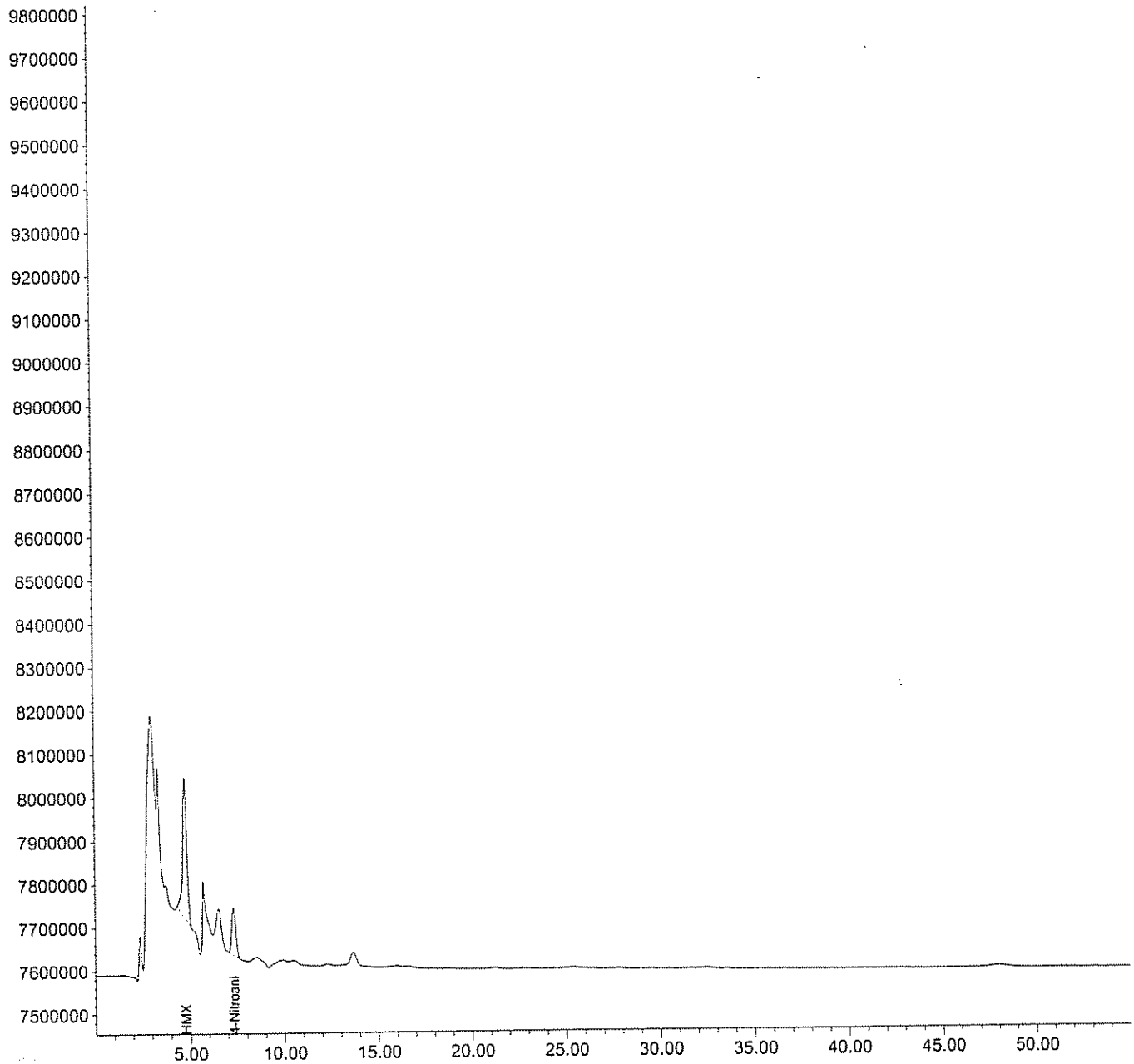
Data File : H:\LCDATA\LCA\091706\LA16272.D
Acq On : 19 Sep 2006 6:20 am
Sample : 608163-005-009-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:46 2006 Quant Results File: 67258330.RES

Vial: 45
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16272.D\ADC1B



LA16272.D 67258330.M Fri Sep 22 10:53:56 2006 1 Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16272.D Vial: 45
Acq On : 19 Sep 2006 6:20 am Operator: AG
Sample : 608163-005-009-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.31	19012079	155.089	PPB
Spiked Amount 300.000	Recovery = 51.70%			
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

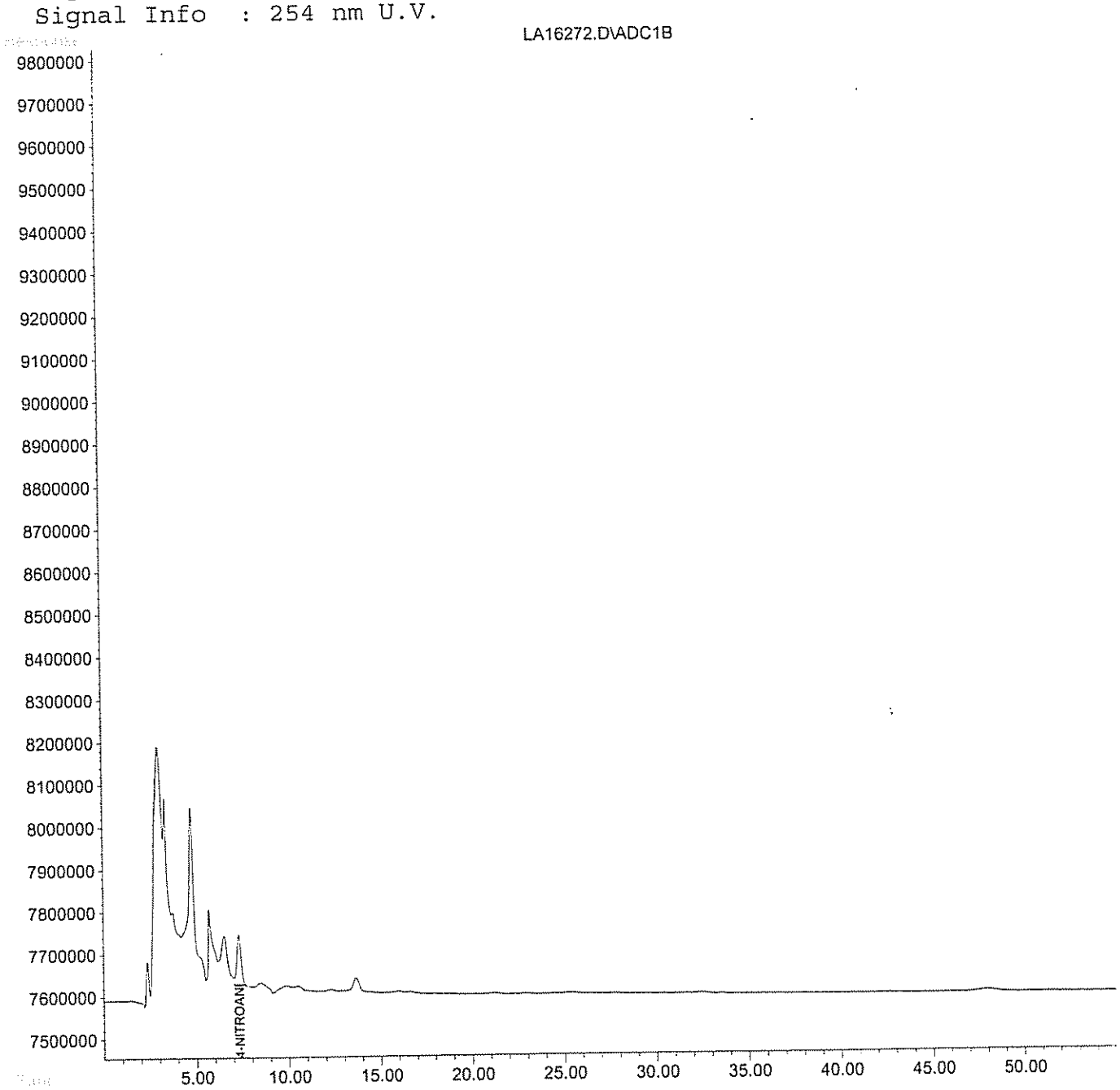
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16272.D Vial: 45
Acq On : 19 Sep 2006 6:20 am Operator: AG
Sample : 608163-005-009-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36331.D Vial: 5
Acq On : 21 Sep 2006 11:48 pm Operator: AG.
Sample : 608163-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:27 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	9.07f	12978797	101.092 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	67.39%
Target Compounds			
1) T HMX	15.62f	7446215	54.964 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

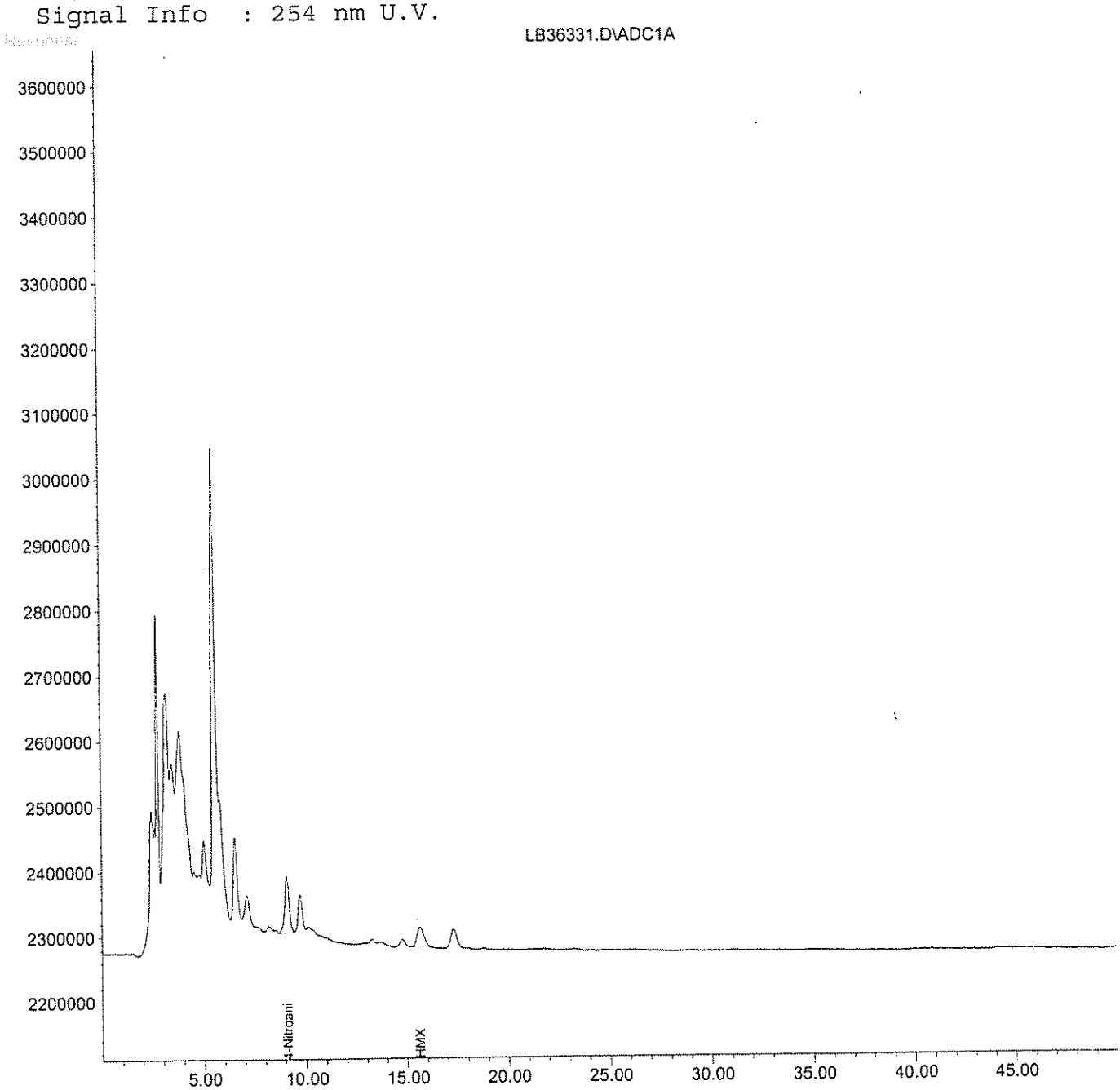
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36331.D
Acq On : 21 Sep 2006 11:48 pm
Sample : 608163-005
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:27 2006 Quant Results File: 073006C.RES

Vial: 5
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



LB36331.D 073006C.M Fri Sep 22 11:04:52 2006 1 Page 2

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1006

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-006-011-1/2
Sample Volume :	10.01	Lab File ID :	LA16273.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.64	
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1006

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-006-011-1/2
Sample Volume :	10.01	Lab File ID :	LA16273.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16273.D Vial: 46
Acq On : 19 Sep 2006 7:19 am Operator: AG
Sample : 608163-006-011-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:47 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.29	18799087	143.738 ng/mlm
Spiked Amount 150.000 Range 52 - 154		Recovery = 95.83%	
Target Compounds			
1) T HMX	4.77	19690461	159.732 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

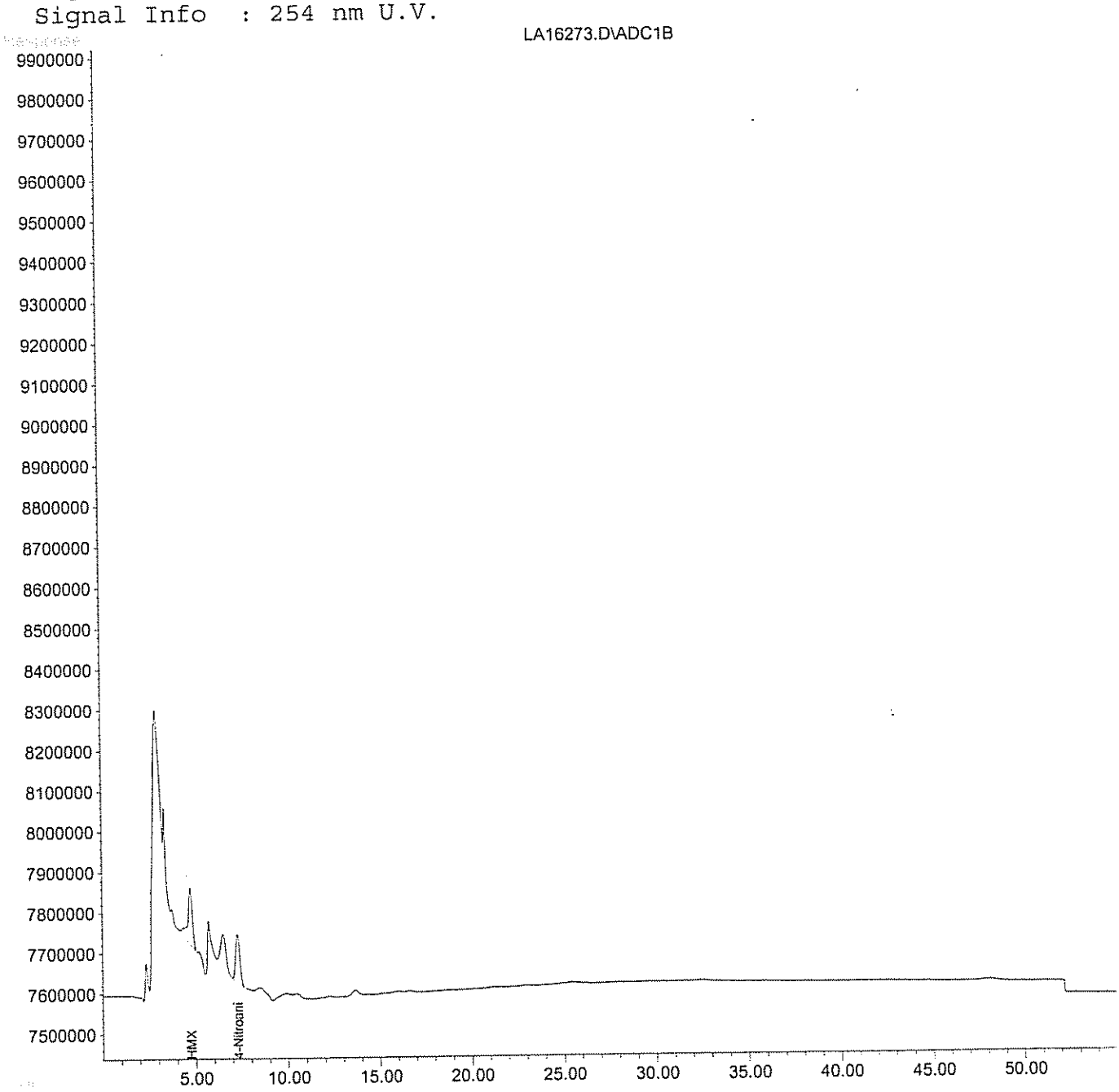
Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16273.D
Acq On : 19 Sep 2006 7:19 am
Sample : 608163-006-011-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:47 2006 Quant Results File: 67258330.RES

Vial: 46
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16273.D Vial: 46
Acq On : 19 Sep 2006 7:19 am Operator: AG
Sample : 608163-006-011-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.29	21235332	173.225	PPB
Spiked Amount 300.000		Recovery =	57.74%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

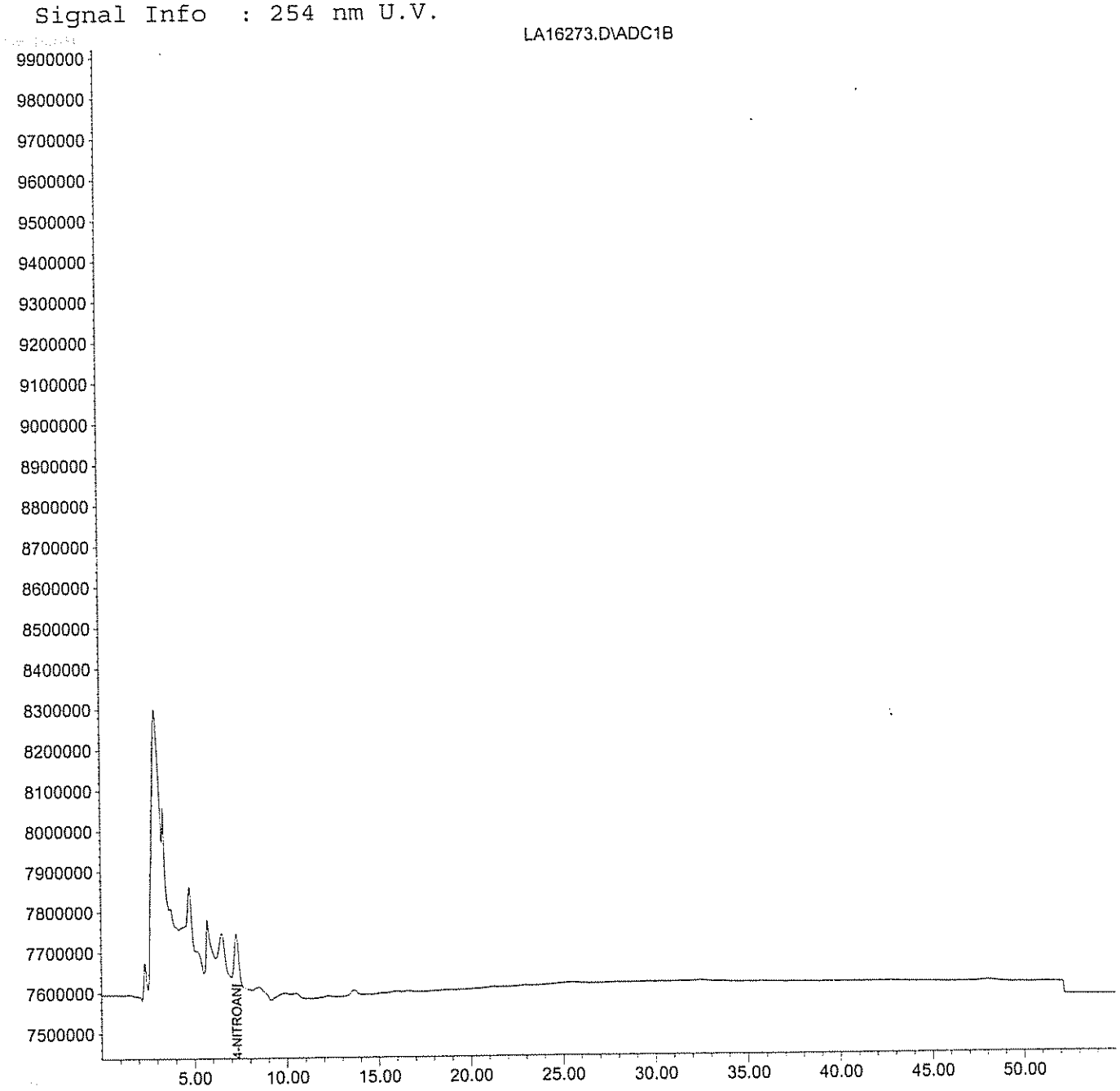
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16273.D Vial: 46
Acq On : 19 Sep 2006 7:19 am Operator: AG
Sample : 608163-006-011-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:13 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36332.D Vial: 6
Acq On : 22 Sep 2006 12:39 am Operator: AG.
Sample : 608163-006 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	9.10f	16988966	132.327 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	88.22%
Target Compounds			
1) T HMX	15.69f	7375686	54.443 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

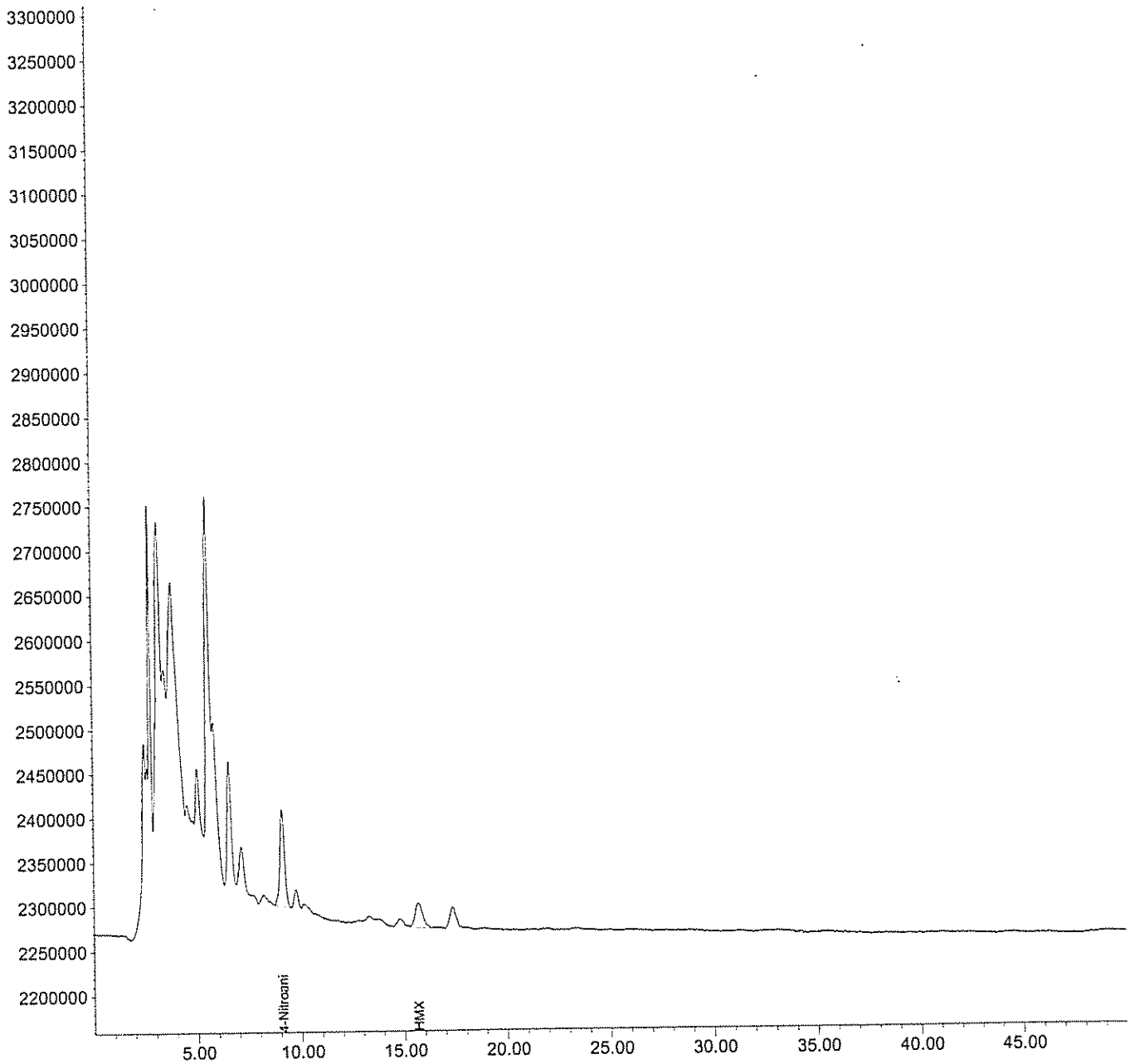
Data File : H:\LCDATA\LCB\092106\LB36332.D
Acq On : 22 Sep 2006 12:39 am
Sample : 608163-006
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:29 2006 Quant Results File: 073006C.RES

Vial: 6
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

LB36332.D\ADC1A



LB36332.D 073006C.M Fri Sep 22 11:04:54 2006 1 Page 2

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-007-013-1/2
Sample Volume :	10.03	Lab File ID :	LA16274.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-007-013-1/2
Sample Volume :	10.03	Lab File ID :	LA16274.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16274.D Vial: 47
Acq On : 19 Sep 2006 8:19 am Operator: AG
Sample : 608163-007-013-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:47 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.32	16314656	124.742 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	83.16%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

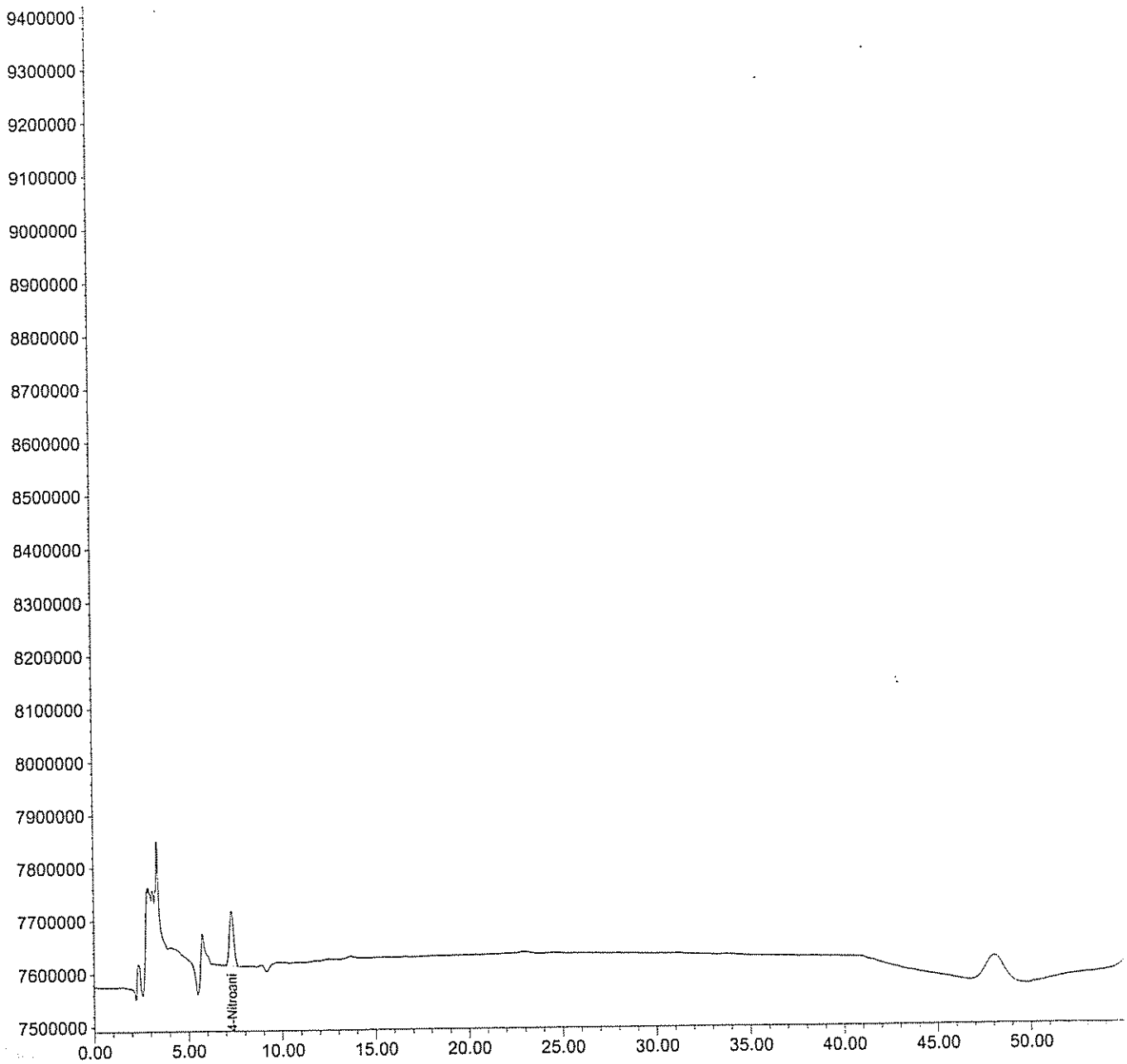
Data File : H:\LCDATA\LCA\091706\LA16274.D
Acq On : 19 Sep 2006 8:19 am
Sample : 608163-007-013-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:47 2006 Quant Results File: 67258330.RES

Vial: 47
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16274.D\ADC1B



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16274.D Vial: 47
Acq On : 19 Sep 2006 8:19 am Operator: AG
Sample : 608163-007-013-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:42 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	16692968	136.171	PPB	m
Spiked Amount 300.000	Recovery = 45.39%				
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

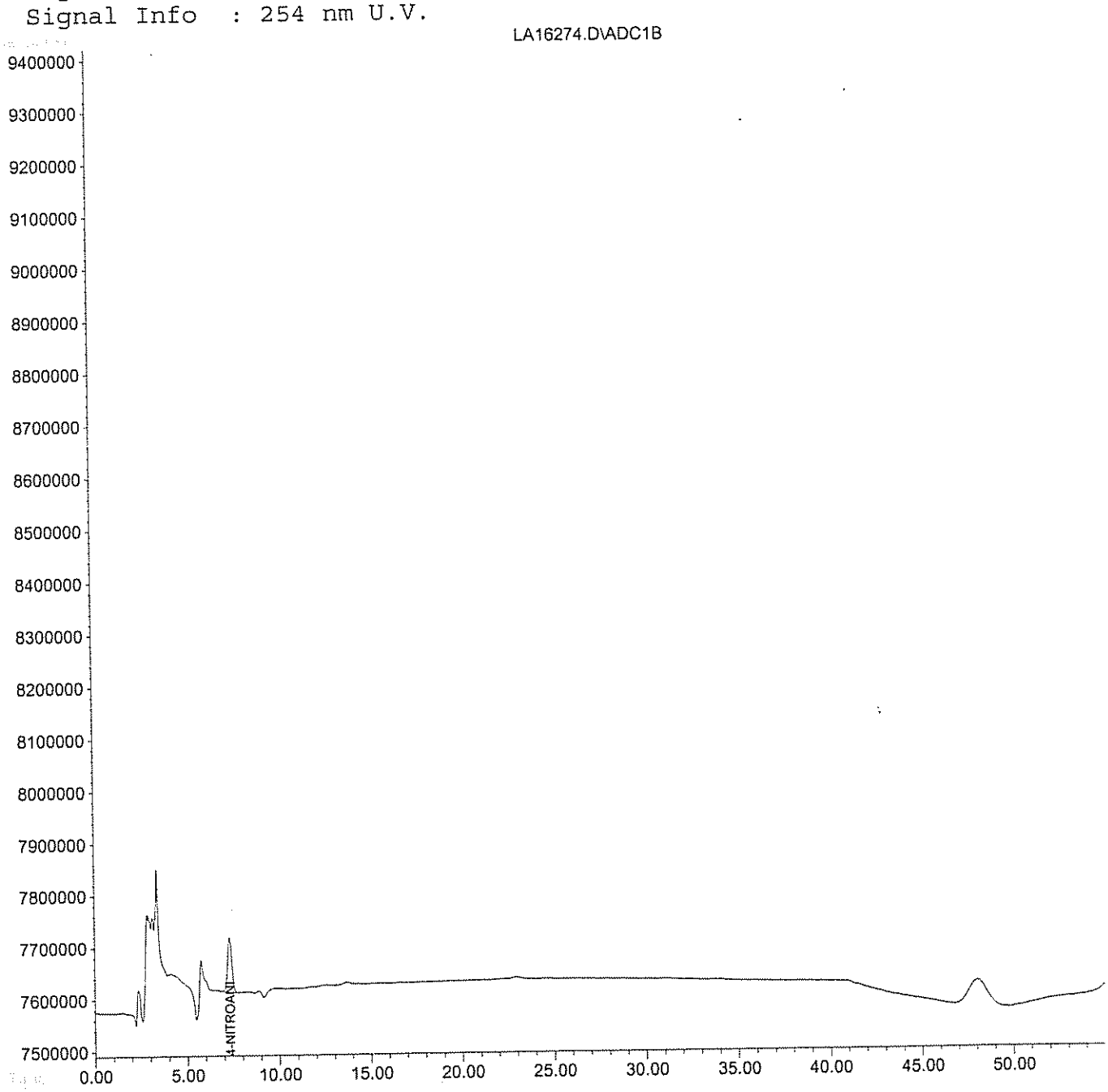
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16274.D Vial: 47
Acq On : 19 Sep 2006 8:19 am Operator: AG
Sample : 608163-007-013-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:42 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36333.D
Acq On : 22 Sep 2006 1:31 am
Sample : 608163-007
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:30 2006 Quant Results File: 073006C.RES

Vial: 7
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	9.14f	14491534	112.875 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	75.25%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

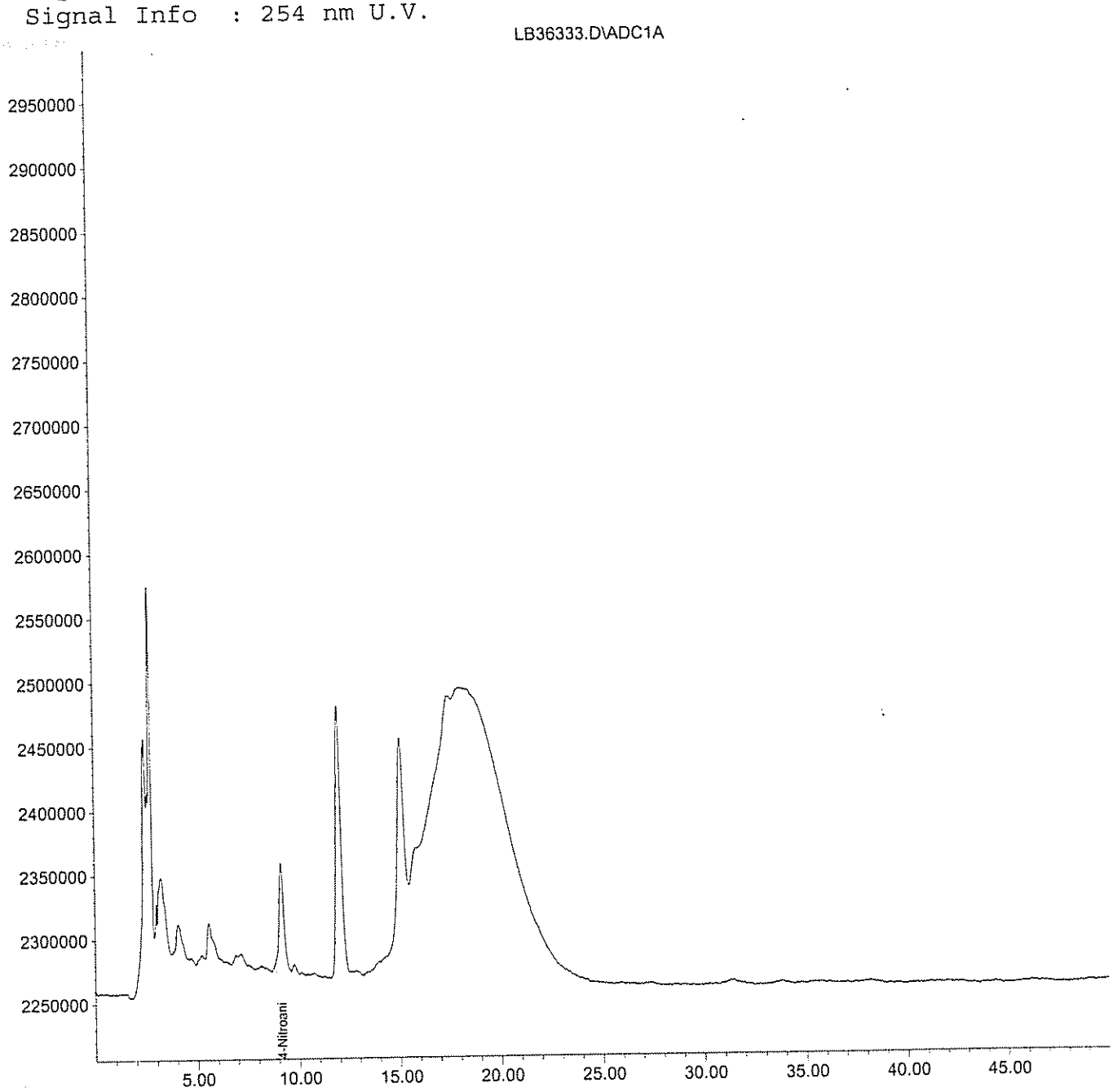
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36333.D
Acq On : 22 Sep 2006 1:31 am
Sample : 608163-007
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:30 2006 Quant Results File: 073006C.RES

Vial: 7
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\0921NG\LB36333.D Vial: 7
Acq On : 22 Sep 2006 1:31 am Operator: AG.
Sample : 608163-007 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:40 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	9.14	14276725	136.306 PPB
Spiked Amount 300.000		Recovery =	45.44%
Target Compounds			
2) M NITROGLYCERINE	0.00	0	N.D. PPM

(f)=RT Delta > 1/2 Window (m)=manual int.

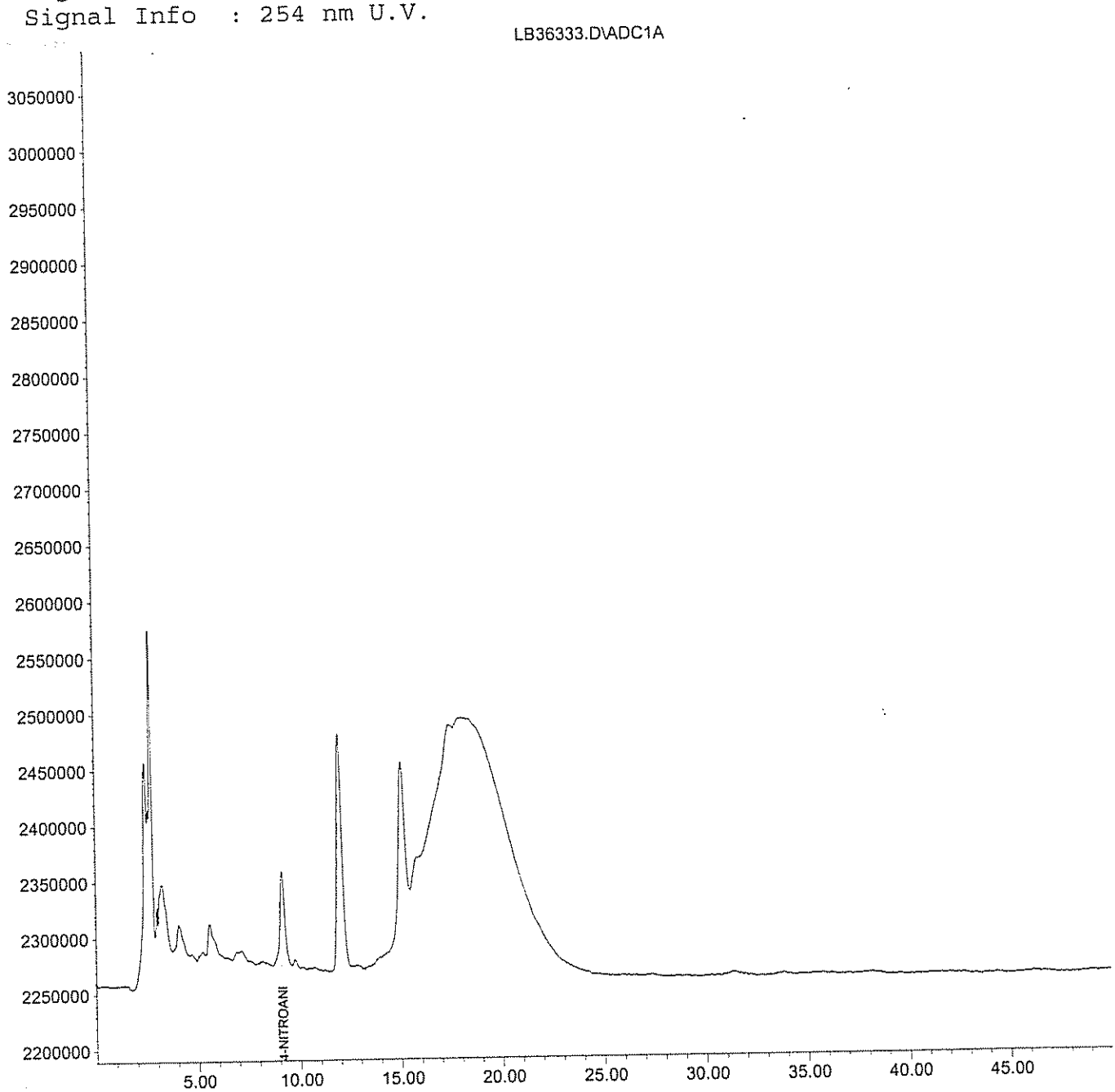
Quantitation Report

Data File : H:\LCDATA\LCB\092106\0921NG\LB36333.D
Acq On : 22 Sep 2006 1:31 am
Sample : 608163-007
Misc : SOIL
IntFile : events.e
Quant Time: Sep 22 10:40 2006 Quant Results File: 6802NGCO.RES

Vial: 7
Operator: AG.
Inst : LCB
Multiplr: 1.00

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0024

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-008-015-1/2
Sample Volume :	10	Lab File ID :	LA16275.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0024

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-008-015-1/2
Sample Volume :	10	Lab File ID :	LA16275.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16275.D Vial: 48
Acq On : 19 Sep 2006 9:18 am Operator: AG
Sample : 608163-008-015-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:35 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.32	13586770	103.885 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	69.26%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

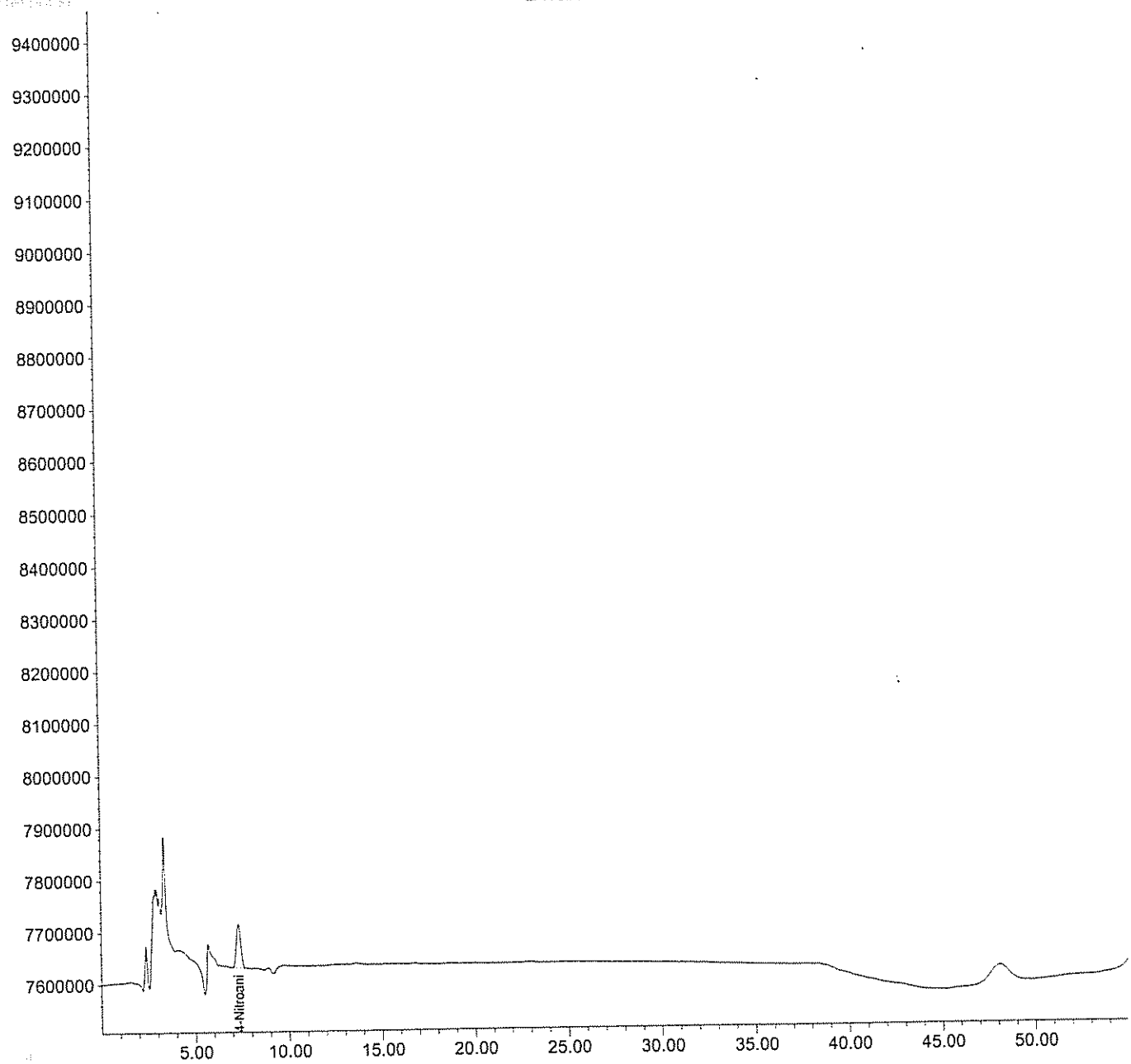
Data File : H:\LCDATA\LCA\091706\LA16275.D
Acq On : 19 Sep 2006 9:18 am
Sample : 608163-008-015-1/2
Misc : SOIL
IntFile : events.e
Quant Time: Sep 20 9:35 2006 Quant Results File: 67258330.RES

Vial: 48
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16275.D\ADC1B



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16275.D Vial: 48
Acq On : 19 Sep 2006 9:18 am Operator: AG
Sample : 608163-008-015-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.32	13574305	110.731	PPB
Spiked Amount 300.000		Recovery =	36.91%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

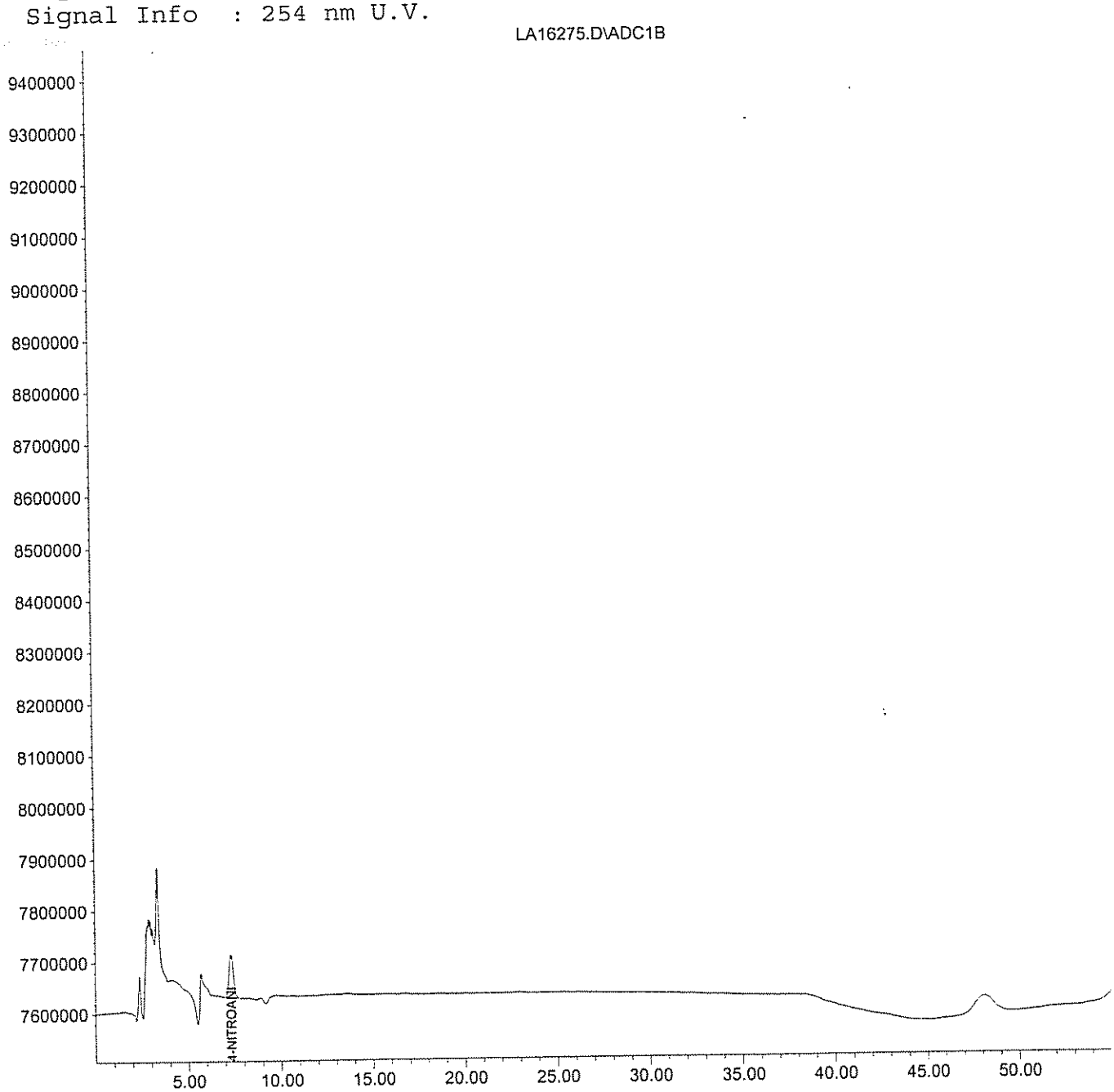
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16275.D Vial: 48
Acq On : 19 Sep 2006 9:18 am Operator: AG
Sample : 608163-008-015-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1004

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-012-017-1/2
Sample Volume :	10.02	Lab File ID :	LA16276.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1004

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-012-017-1/2
Sample Volume :	10.02	Lab File ID :	LA16276.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16276.D Vial: 49
Acq On : 19 Sep 2006 5:00 pm Operator: AG
Sample : 608163-012-017-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:48 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.33	14610073	111.709 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	74.47%
Target Compounds			

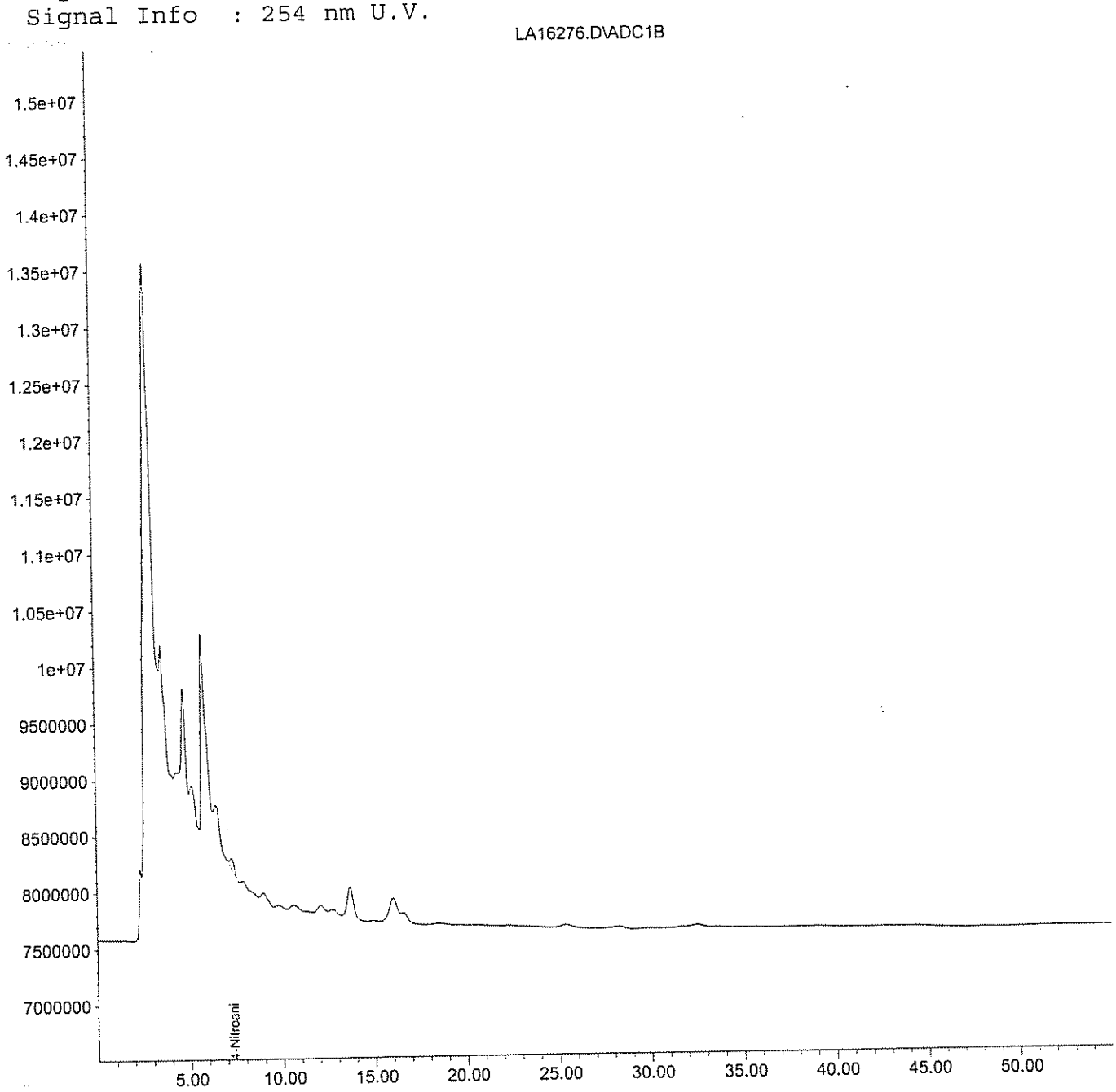
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16276.D
Acq On : 19 Sep 2006 5:00 pm
Sample : 608163-012-017-1/2
Misc : SOIL
IntFile : events.e
Vial: 49
Operator: AG
Inst : LCA
Multiplr: 1.00
Quant Time: Sep 22 10:48 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16276.D Vial: 49
Acq On : 19 Sep 2006 5:00 pm Operator: AG
Sample : 608163-012-017-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.33	14538888	118.600	PPB	m
Spiked Amount 300.000	Recovery = 39.53%				
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	

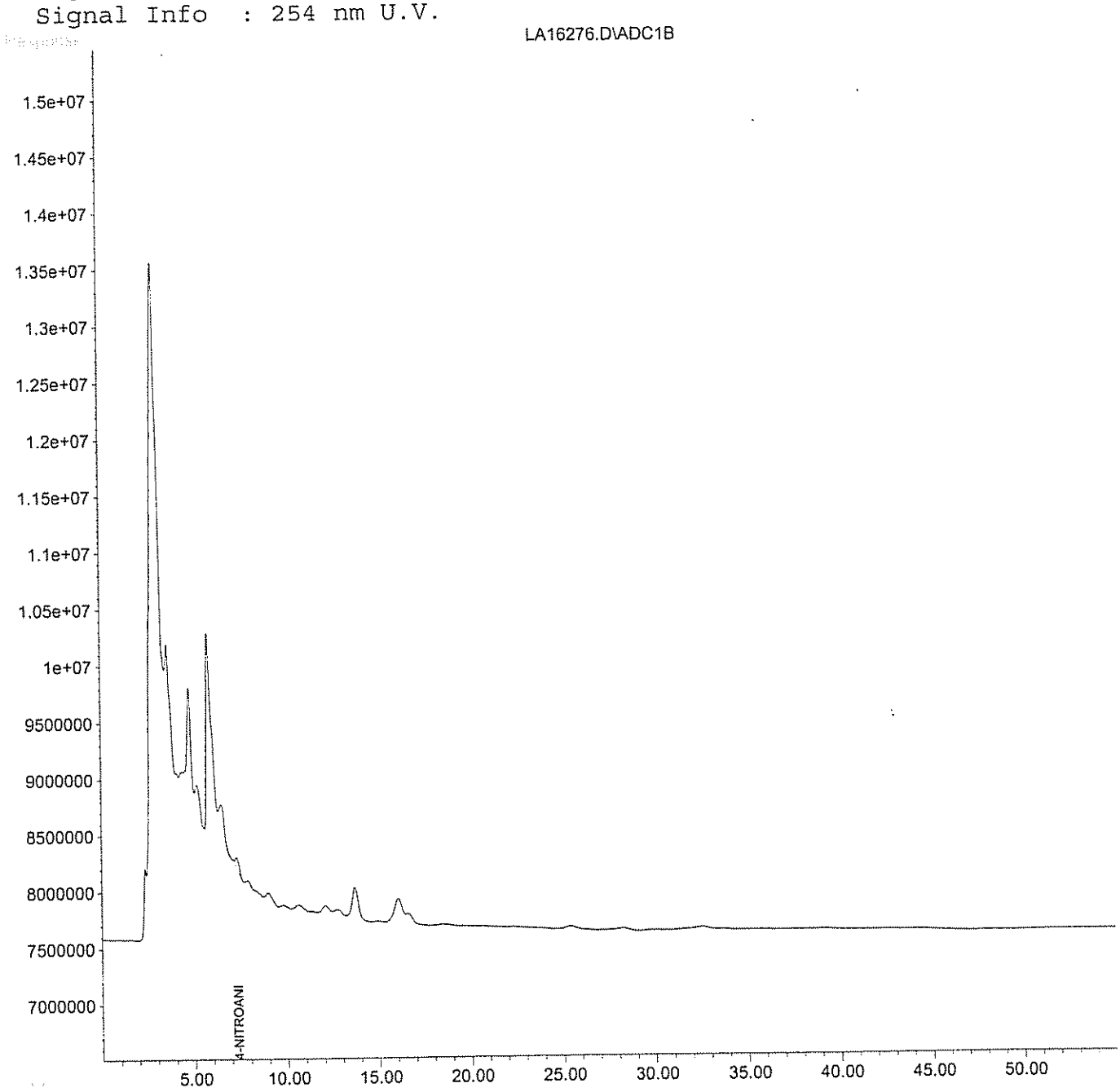
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16276.D Vial: 49
Acq On : 19 Sep 2006 5:00 pm Operator: AG
Sample : 608163-012-017-1/2 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16276.D 60607NG.M Fri Sep 22 11:00:03 2006 1 Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36334.D Vial: 8
Acq On : 22 Sep 2006 2:22 am Operator: AG.
Sample : 608163-012 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:33 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	9.10f	24869414	193.708 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery = 129.14%	
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

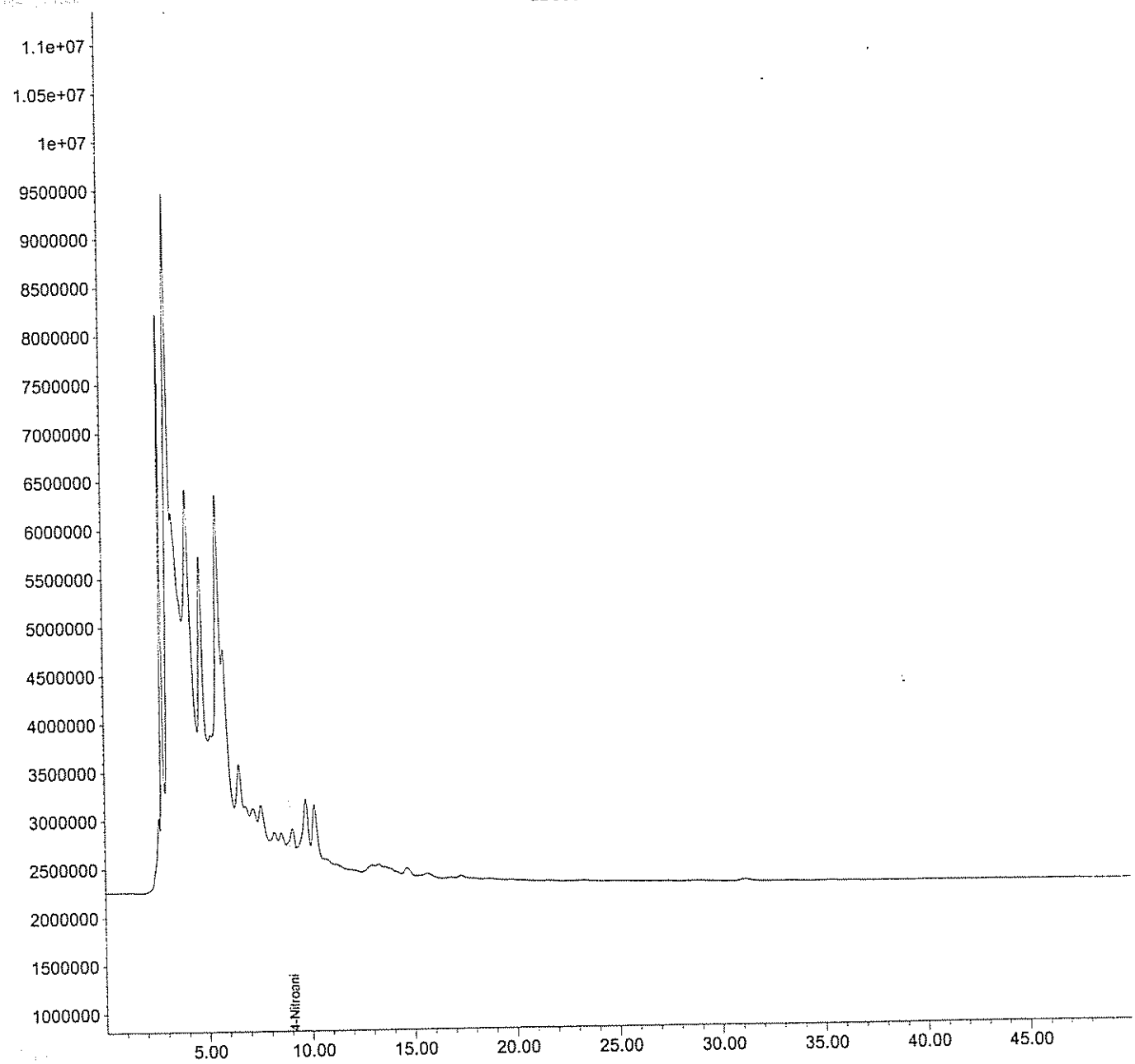
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36334.D
Acq On : 22 Sep 2006 2:22 am
Sample : 608163-012
Misc : SOIL
IntFile : events.e
Vial: 8
Operator: AG.
Inst : LCB
Multiplr: 1.00
Quant Time: Sep 22 10:33 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

LB36334.D\ADC1A



LB36334.D 073006C.M Fri Sep 22 11:04:59 2006 1 Page 2

C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

Response Factor Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Thu Aug 03 09:47:48 2006

Calibration Files
LEV1 =LB35345.D LEV2 =LB35346.D LEV3 =LB35347.D
LEV4 =LB35348.D LEV5 =LB35349.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-NITROANILINE	1.083	1.054	1.022	1.036	1.043	1.047	E5	2.20
2)	M	NITROGLYCERINE	1.875	1.608	1.761	1.779	1.738	1.752	E6	5.48

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35344.D Vial: 1
Acq On : 2 Aug 2006 19:03 Operator: SS
Sample : 8330NG-BLK Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	0.00	0	N.D.	PPB
Spiked Amount 300.000	Recovery =	0.00%		
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

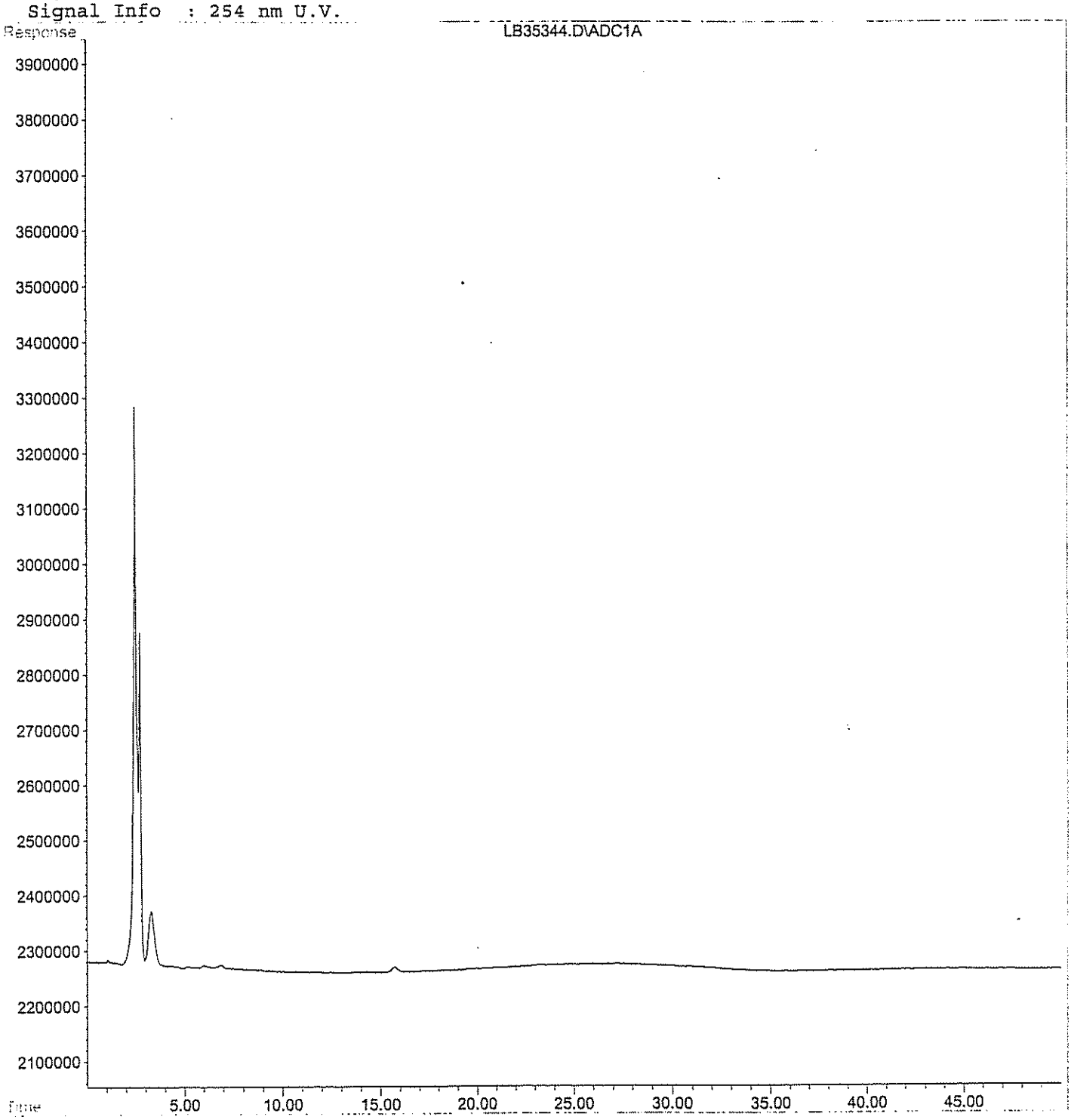
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35344.D Vial: 1
Acq On : 2 Aug 2006 19:03 Operator: SS
Sample : 8330NG-BLK Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35345.D Vial: 2
Acq On : 2 Aug 2006 19:55 Operator: SS
Sample : 8330NG-LEV1 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.61	2707665	25.202 PPB m
Spiked Amount 300.000		Recovery =	8.40%
Target Compounds			
2) M NITROGLYCERINE	27.31f	1874941	1.073 PPM m

(f)=RT Delta > 1/2 Window (m)=manual int.

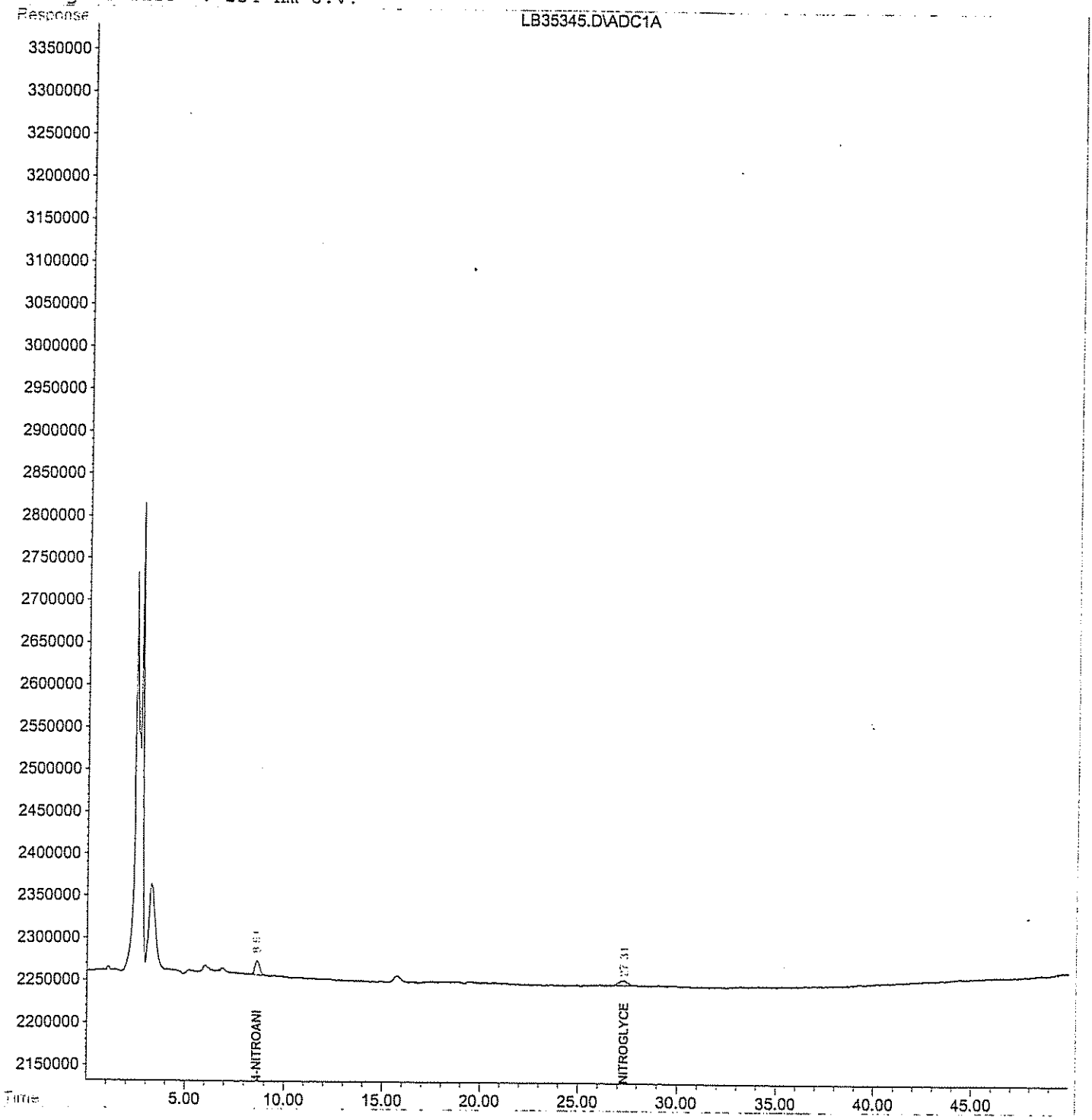
Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35345.D
Acq On : 2 Aug 2006 19:55
Sample : 8330NG-LEV1
Misc : CCAL
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Vial: 2
Operator: SS
Inst : LCB
Multiplr: 1.00

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35346.D Vial: 3
Acq On : 2 Aug 2006 20:46 Operator: SS
Sample : 8330NG-LEV2 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.63	13171240	125.713 PPB
Spiked Amount 300.000		Recovery =	41.90%
Target Compounds			
2) M NITROGLYCERINE	27.22	8039370	4.627 PPM m

(f)=RT Delta > 1/2 Window (m)=manual int.

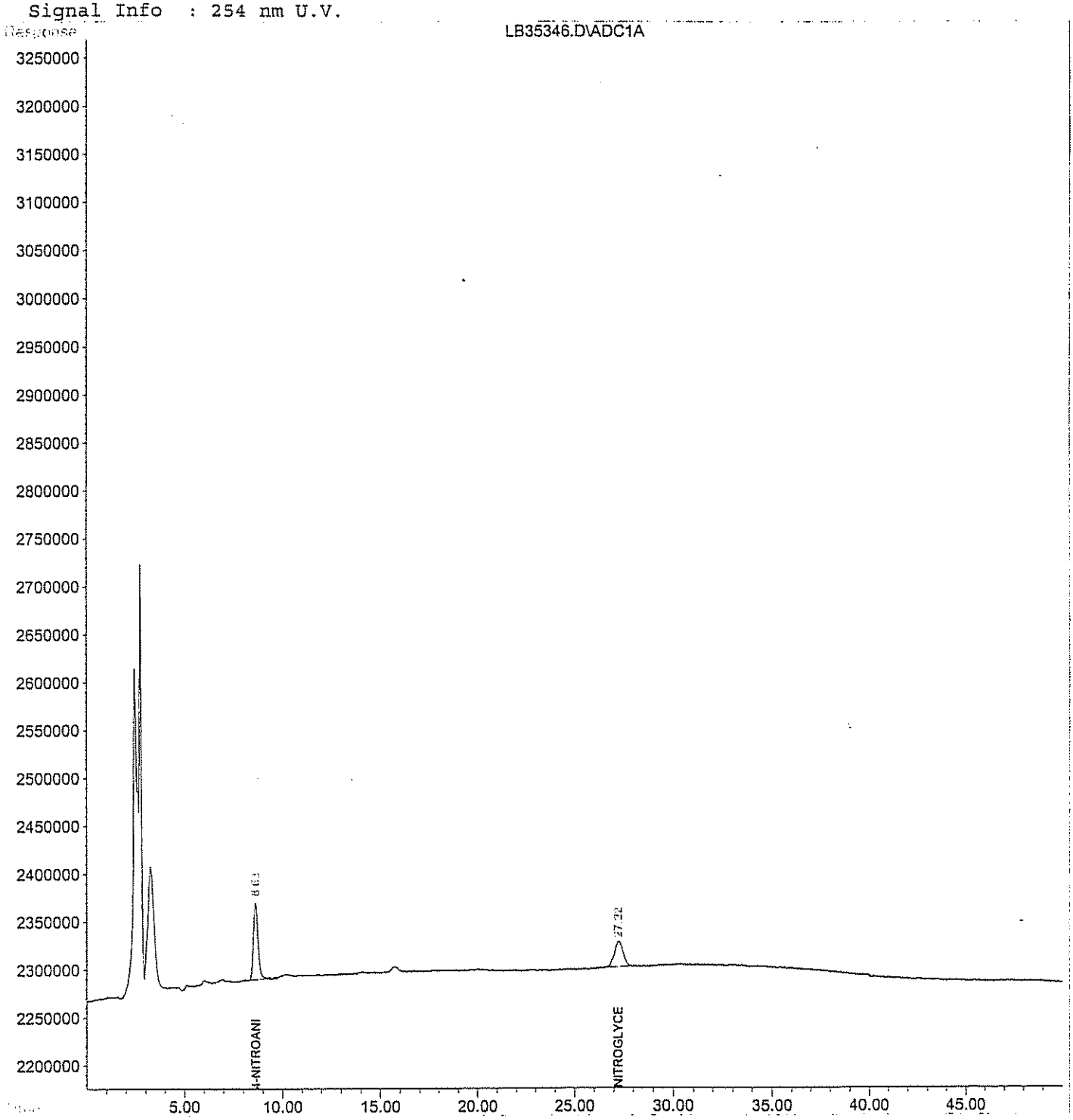
Camp Adair/Adair AFS - Appendix F

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35346.D Vial: 3
Acq On : 2 Aug 2006 20:46 Operator: SS
Sample : 8330NG-LEV2 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35347.D Vial: 4
Acq On : 2 Aug 2006 21:37 Operator: SS
Sample : 8330NG-LEV3 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:43 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	8.61	25547182	237.758 PPB
Spiked Amount	300.000	Recovery	=	79.25%
	Target Compounds			
2) M	NITROGLYCERINE	27.16	17605700	10.216 PPM

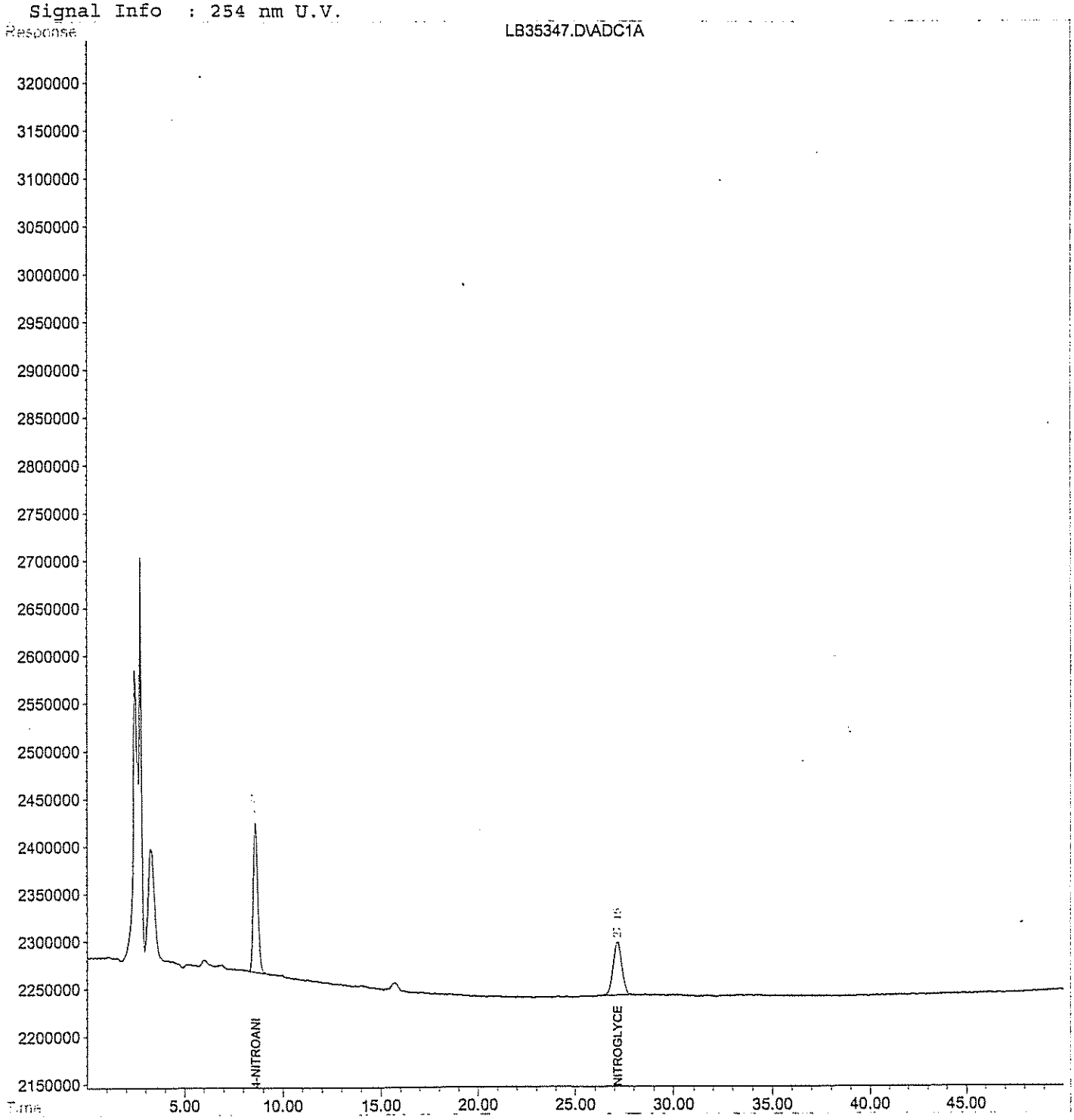
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35347.D Vial: 4
Acq On : 2 Aug 2006 21:37 Operator: SS
Sample : 8330NG-LEV3 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:43 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35348.D Vial: 5
Acq On : 2 Aug 2006 22:28 Operator: SS
Sample : 8330NG-LEV4 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.62	51784030	497.698 PPB
Spiked Amount 300.000		Recovery =	165.90%
Target Compounds			
2) M NITROGLYCERINE	27.16	35572771	20.756 PPM

(f)=RT Delta > 1/2 Window (m)=manual int.

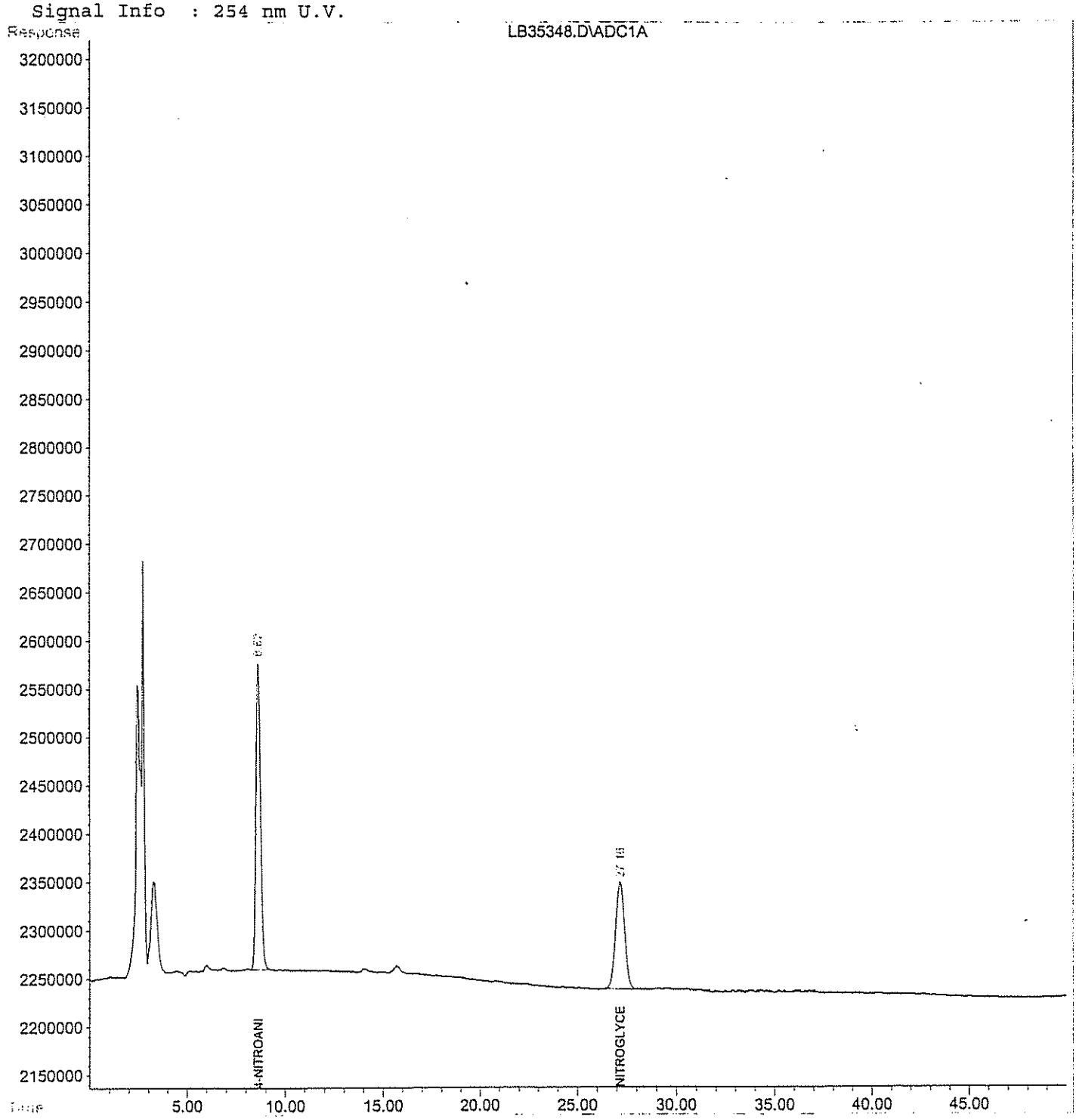
Camp Adair/Adair AFS - Appendix F

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35348.D Vial: 5
Acq On : 2 Aug 2006 22:28 Operator: SS
Sample : 8330NG-LEV4 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35349.D Vial: 6
Acq On : 2 Aug 2006 23:20 Operator: SS
Sample : 8330NG-LEV5 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.61	130333632	1246.482	PPB
Spiked Amount 300.000		Recovery = 415.49%		
Target Compounds				
2) M NITROGLYCERINE	27.15	86895470	49.904	PPM

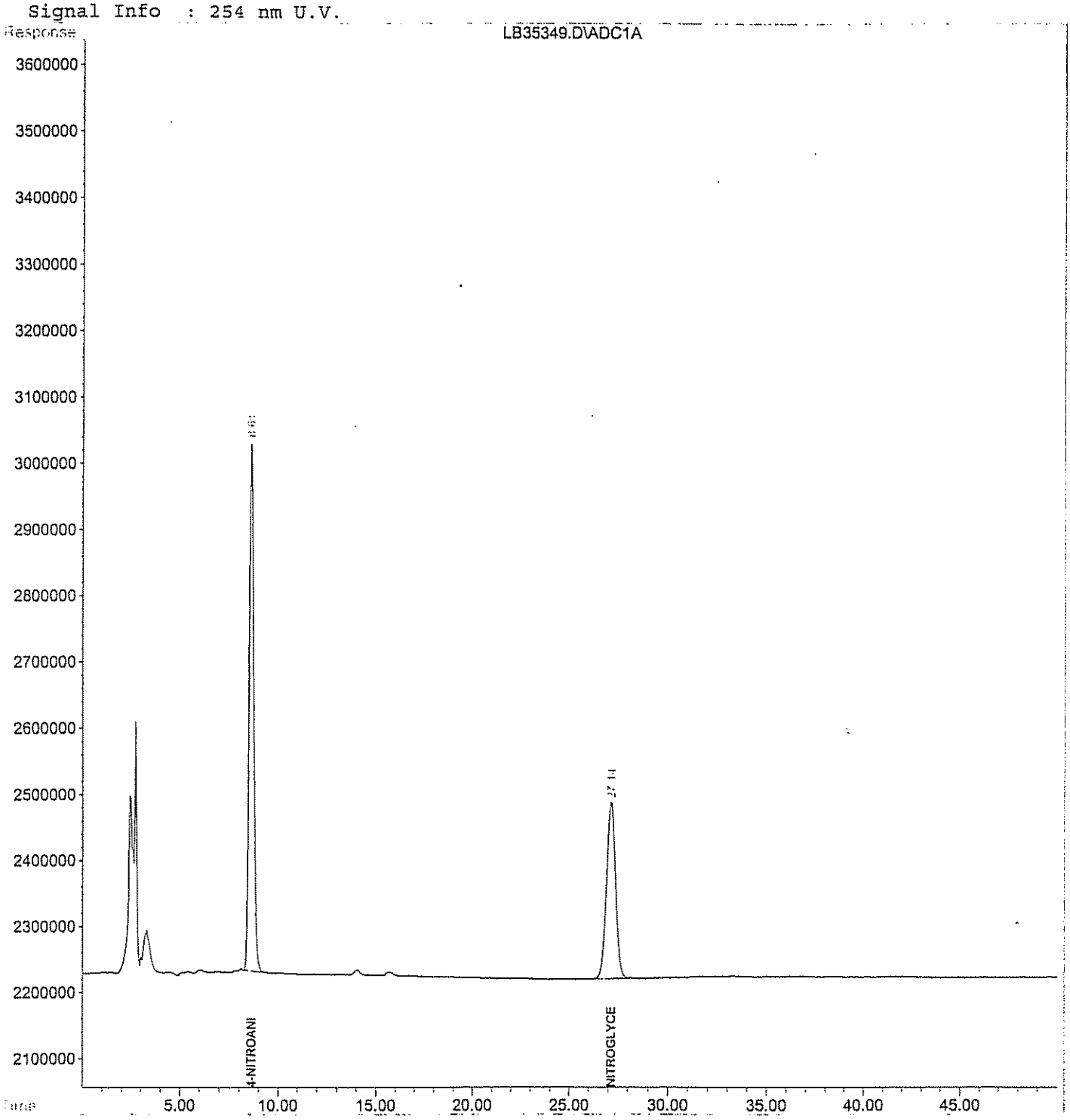
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35349.D Vial: 6
Acq On : 2 Aug 2006 23:20 Operator: SS
Sample : 8330NG-LEV5 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Evaluate Continuing Calibration Report

Data File : H:\LCDATA\LCB\080206\LB35350.D
Acq On : 3 Aug 2006 00:11
Sample : 8330NG-ICV
Misc : CCAL
IntFile : events.e

Vial: 7
Operator: SS
Inst : LCB
Multiplr: 1.00

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Sun Sep 17 12:51:35 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
2	M	NITROGLYCERINE	1.752	1.699 E6	3.0	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB35350.D 6802NGCO.M Sun Sep 17 12:51:42 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35350.D Vial: 7
Acq On : 3 Aug 2006 00:11 Operator: SS
Sample : 8330NG-ICV Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:46 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	0.00	0	N.D. PPB
Spiked Amount 300.000	Recovery =	0.00%	
Target Compounds			
2) M NITROGLYCERINE	27.11	16987539	9.696 PPM

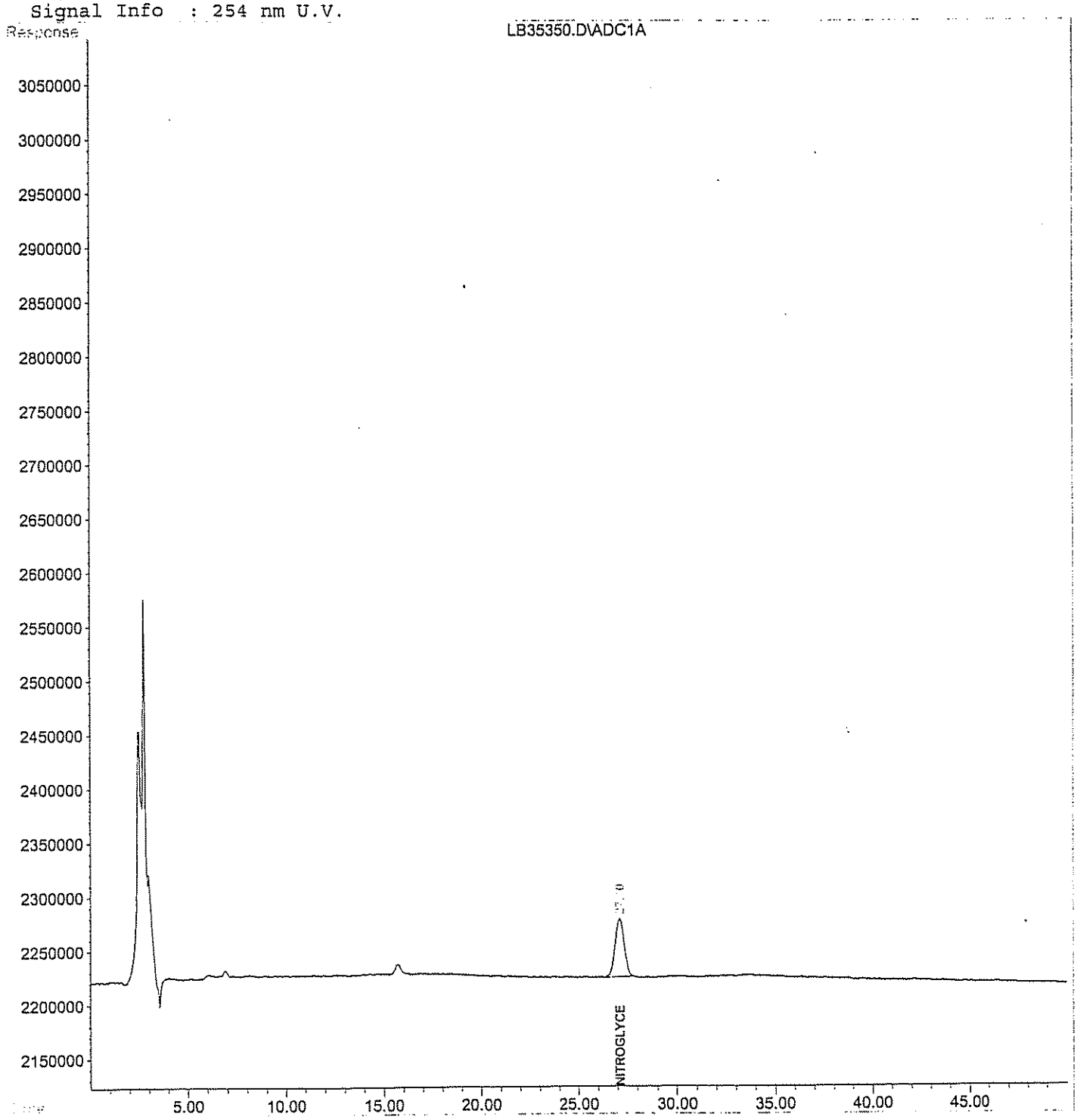
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35350.D Vial: 7
Acq On : 3 Aug 2006 00:11 Operator: SS
Sample : 8330NG-ICV Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:46 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Response Factor Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006

Calibration Files
LEV1 =LB35284.D LEV2 =LB35285.D LEV3 =LB35286.D
LEV4 =LB35287.D LEV5 =LB35288.D LEV6 =LB35289.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.654	1.243	1.362	1.300	1.285	1.284	1.355	E5	11.18
2)	S	4-Nitroaniline	1.727	1.180	1.251	1.180	1.182	1.182	1.284	E5	17.06
3)	T	1,3,5-Trinitrobenze	4.853	3.315	3.594	3.494	3.425	3.496	3.696	E5	15.54
4)	T	Tetryl	3.475	2.452	2.612	2.536	2.521	2.569	2.694	E5	14.34
5)	T	2,4,6-Trinitrotolue	4.916	3.271	3.338	3.278	3.246	3.270	3.553	E5	18.81
6)	T	4-Amino-2,6-Dinitro	8.298	5.592	6.015	5.755	5.724	5.754	6.190	E5	16.84
7)	T	2,6-Dinitrotoluene	3.426	2.252	2.431	2.374	2.352	2.362	2.533	E5	17.43
8)	T	4-Nitrotoluene	3.205	2.189	2.339	2.263	2.265	2.240	2.417	E5	16.11
9)	M	RDX	2.356	1.560	1.651	1.586	1.574	1.584	1.718	E5	18.27
10)	M	1,3-Dinitrobenzene	6.939	4.698	5.040	4.912	4.875	4.863	5.221	E5	16.25
11)	M	Nitrobenzene	4.940	3.234	3.385	3.279	3.254	3.204	3.549	E5	19.27
12)	M	2-Amino-4,6-Dinitro	8.114	5.592	6.015	5.755	5.724	5.754	6.159	E5	15.71
13)	M	2,4-Dinitrotoluene	6.578	4.372	4.769	4.614	4.576	4.595	4.917	E5	16.74
14)	M	2-Nitrotoluene	2.997	2.022	2.152	2.091	2.078	2.046	2.231	E5	16.93
15)	M	3-Nitrotoluene	2.550	1.790	1.890	1.826	1.818	1.791	1.944	E5	15.38

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35283.D Vial: 1
Acq On : 30 Jul 2006 13:19 Operator: AG
Sample : BLK Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:40 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units

System Monitoring Compounds

Target Compounds

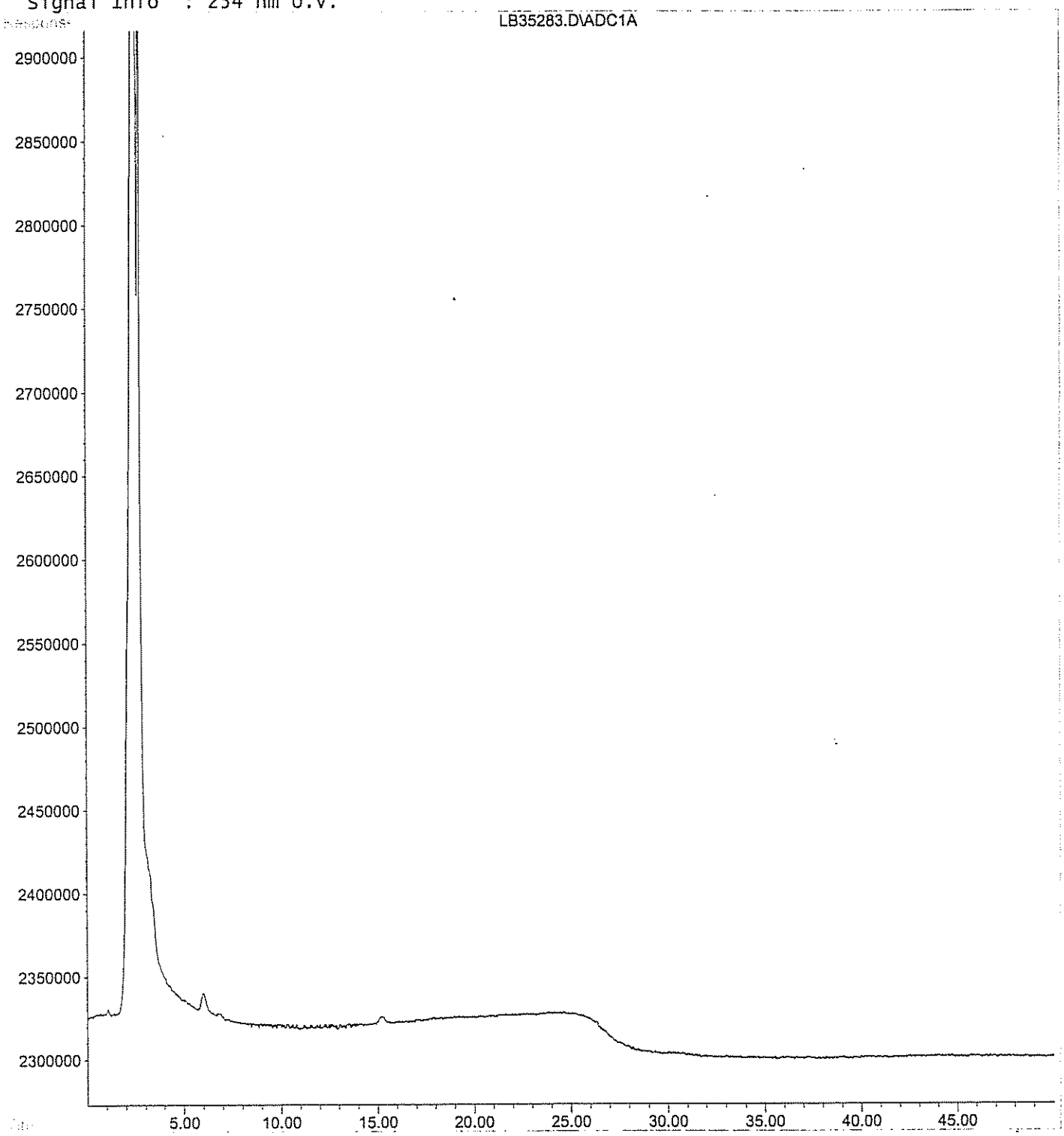
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35283.D Vial: 1
Acq On : 30 Jul 2006 13:19 Operator: AG
Sample : BLK Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:40 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35284.D Vial: 2
Acq On : 30 Jul 2006 14:10 Operator: AG
Sample : 8330MIX-LEV-1 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:38 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.45	3454727	27.307 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	9.10%#
		Target Compounds			
1)	T	HMX	14.33	3307845	23.843 ng/mlm
3)	T	1,3,5-Trinitrobenzene	26.14	4853393	13.172 ng/mlm
4)	T	Tetryl	38.67	6949695	26.354 ng/mlm
5)	T	2,4,6-Trinitrotoluene	35.81	4915696	13.995 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	18.05	8298388	13.765 ng/ml
7)	T	2,6-Dinitrotoluene	22.51	3425577	13.862 ng/mlm
8)	T	4-Nitrotoluene	20.21	6410909	26.676 ng/mlm
9)	M	RDX	11.98	4712249	27.776 ng/mlm
10)	M	1,3-Dinitrobenzene	17.13	6938890	13.511 ng/mlm
11)	M	Nitrobenzene	13.74	4939626	14.070 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	18.07	8114487	13.396 ng/mlm
13)	M	2,4-Dinitrotoluene	23.83	6577952	13.508 ng/mlm
14)	M	2-Nitrotoluene	18.90	5993355	27.648 ng/mlm
15)	M	3-Nitrotoluene	19.40	5099698	26.355 ng/mlm

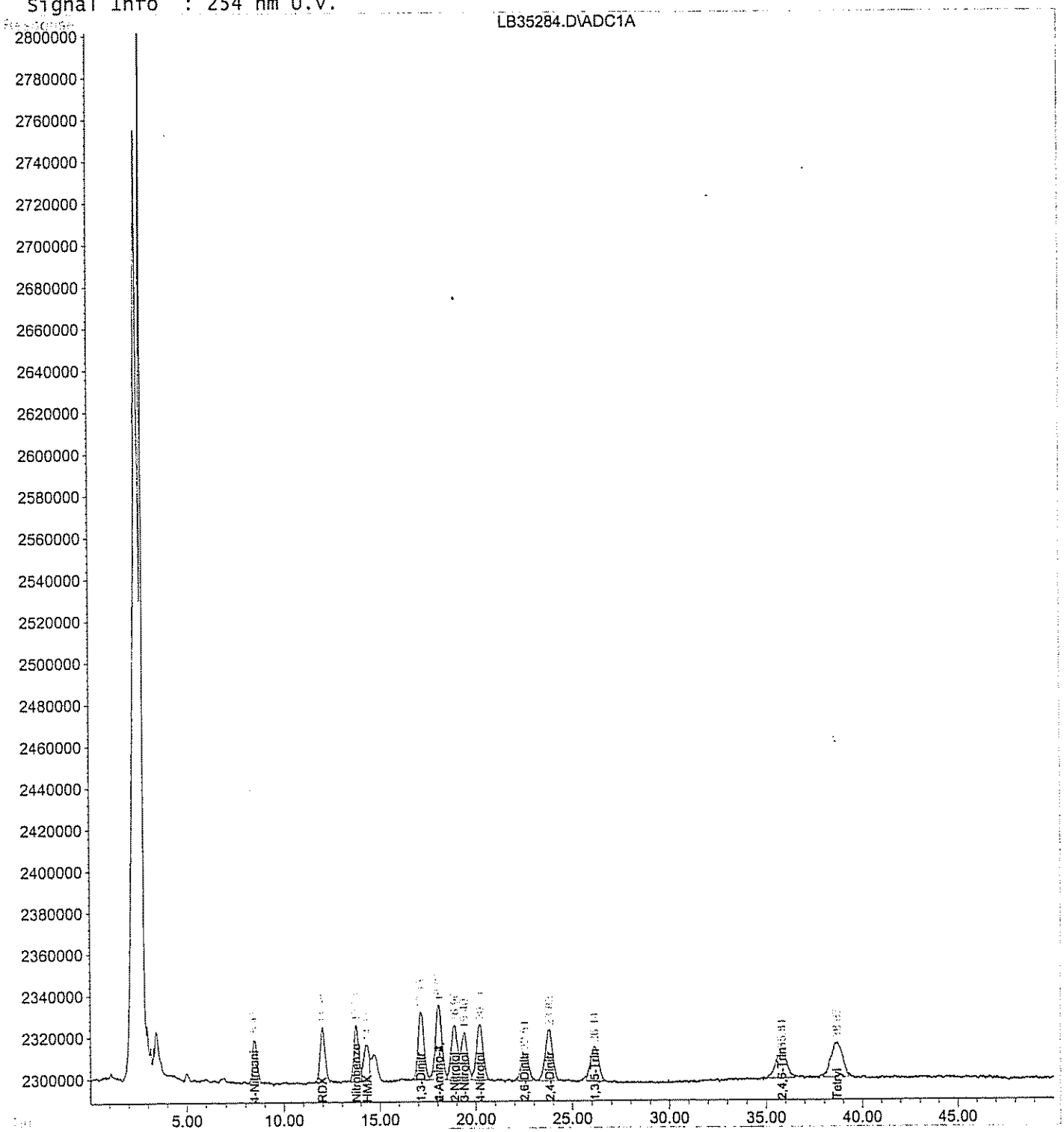
(f)=RT Delta Adair/Adair AFS Window (m)=manual int

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35284.D Vial: 2
Acq On : 30 Jul 2006 14:10 Operator: AG
Sample : 8330MIX-LEV-1 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:38 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35285.D Vial: 3
Acq On : 30 Jul 2006 15:02 Operator: AG
Sample : 8330MIX-LEV-2 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:27 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.47	11799916	91.910 ng/ml
Spiked Amount		300.000 Range 49 - 133		Recovery =	30.64%#
		Target Compounds			
1)	T	HMX	14.29	12432584	89.542 ng/mlm
3)	T	1,3,5-Trinitrobenzene	26.08	16572927	44.604 ng/mlm
4)	T	Tetryl	38.58	24515322	90.999 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.72	16355774	45.637 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.06	27960329	45.172 ng/ml
7)	T	2,6-Dinitrotoluene	22.51	11258600	43.738 ng/ml
8)	T	4-Nitrotoluene	20.20	21888318	89.914 ng/ml
9)	M	RDX	11.99	15601060	90.792 ng/ml
10)	M	1,3-Dinitrobenzene	17.14	23491622	44.992 ng/ml
11)	M	Nitrobenzene	13.75	16168454	45.555 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.06	27960329	45.220 ng/ml
13)	M	2,4-Dinitrotoluene	23.76	21859781	44.455 ng/ml
14)	M	2-Nitrotoluene	18.88	20224465	90.417 ng/mlm
15)	M	3-Nitrotoluene	19.37	17899578	91.558 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

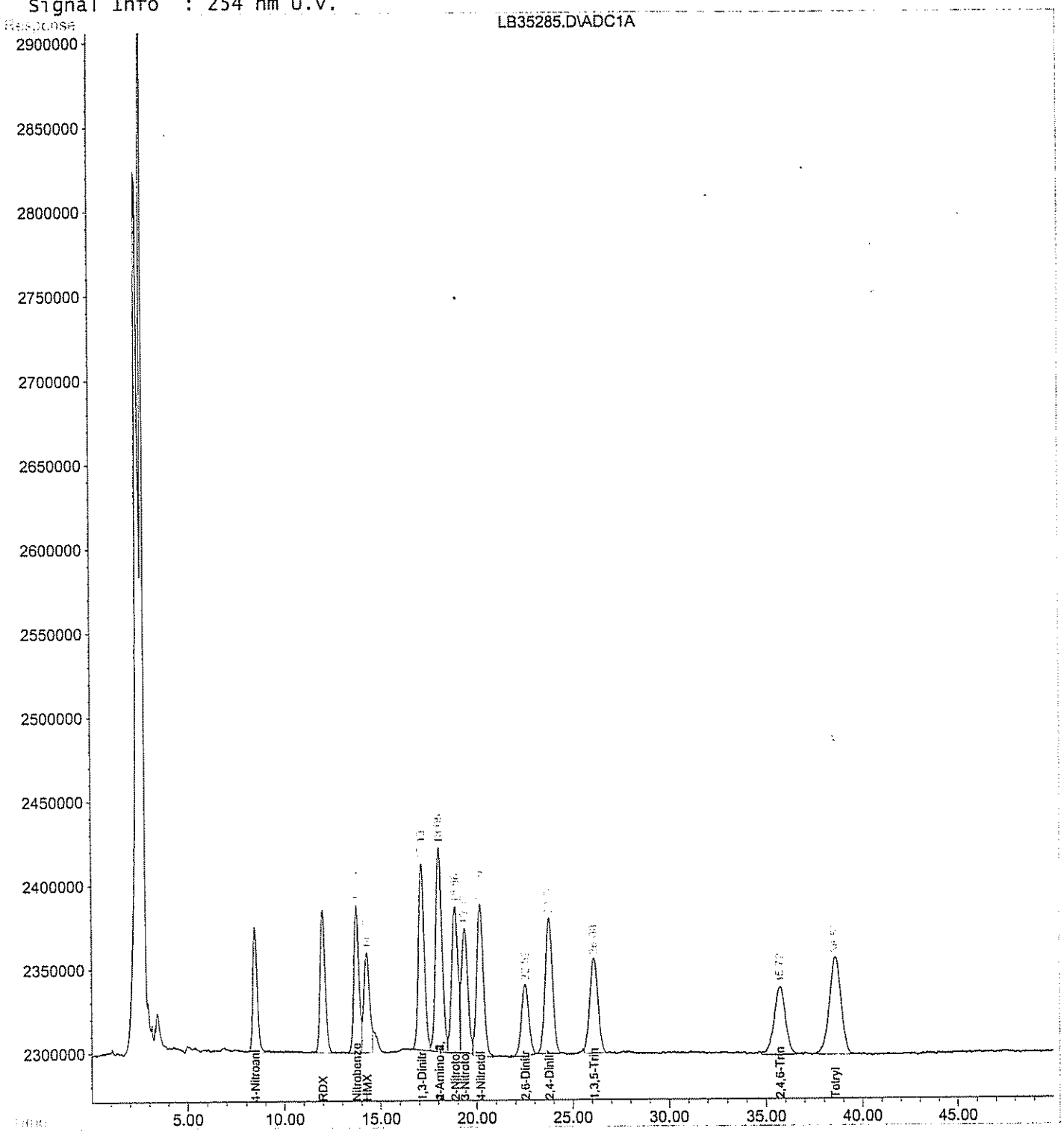
Camp Adair/Adair ARS Appendix F F10OR002908_01.09_0505_a 200-1e 1133

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35285.D Vial: 3
Acq On : 30 Jul 2006 15:02 Operator: AG
Sample : 8330MIX-LEV-2 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:27 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Data Acquisition AFS - Appendix G

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35286.D Vial: 4
Acq On : 30 Jul 2006 15:53 Operator: AG
Sample : 8330MIX-LEV-3 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.45	62552821	494.441 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	164.81%#
		Target Compounds			
1)	T	HMX	14.23	68089560	490.785 ng/ml
3)	T	1,3,5-Trinitrobenzene	26.05	89837811	243.824 ng/ml
4)	T	Tetryl	38.54	130614354	495.313 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.67	83443047	237.568 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.01	150387104	249.449 ng/ml
7)	T	2,6-Dinitrotoluene	22.47	60765960	245.903 ng/ml
8)	T	4-Nitrotoluene	20.16	116950669	486.643 ng/ml
9)	M	RDX	11.96	82530133	486.472 ng/ml
10)	M	1,3-Dinitrobenzene	17.10	126009570	244.956 ng/mlm
11)	M	Nitrobenzene	13.72	84613781	241.020 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.01	150387104	248.263 ng/ml
13)	M	2,4-Dinitrotoluene	23.72	119235636	244.850 ng/ml
14)	M	2-Nitrotoluene	18.85	107580159	495.713 ng/ml
15)	M	3-Nitrotoluene	19.35	94501707	488.385 ng/ml

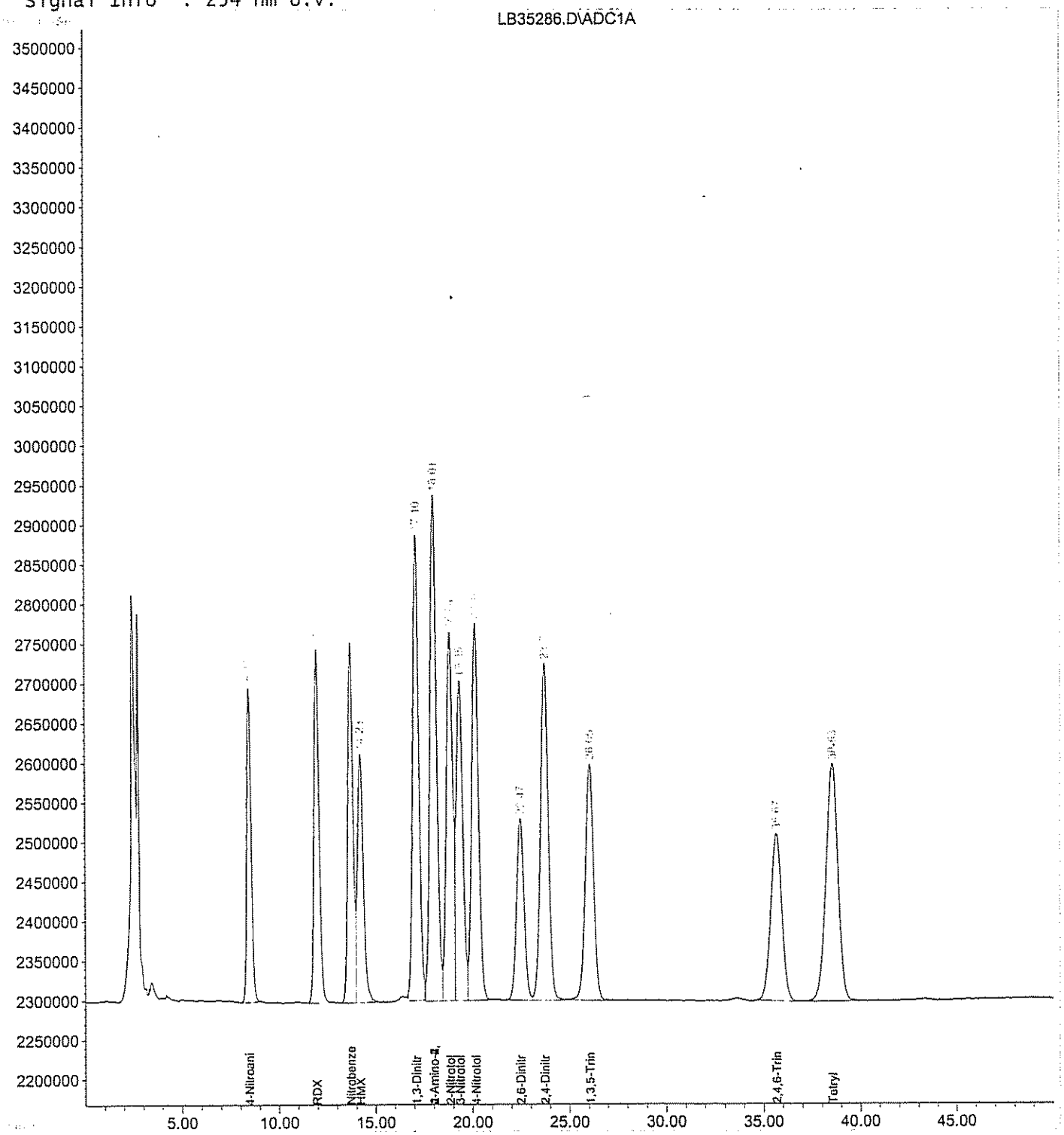
(f)=RTDelta > 1/2 window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35286.D Vial: 4
Acq On : 30 Jul 2006 15:53 Operator: AG
Sample : 8330MIX-LEV-3 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35287.D Vial: 5
Acq On : 30 Jul 2006 16:44 Operator: AG
Sample : 8330MIX-LEV-4 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:28 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.46	118040936	919.422 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	306.47%#
		Target Compounds			
1)	T	HMX	14.26	130008173	959.648 ng/ml
3)	T	1,3,5-Trinitrobenzene	26.11	174706964	472.021 ng/ml
4)	T	Tetryl	38.64	253552684	941.172 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.76	163897939	457.319 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.04	287732854	464.856 ng/ml
7)	T	2,6-Dinitrotoluene	22.51	118677420	461.048 ng/ml
8)	T	4-Nitrotoluene	20.19	226336684	929.755 ng/ml
9)	M	RDX	11.98	158552464	922.713 ng/ml
10)	M	1,3-Dinitrobenzene	17.13	245591383	470.365 ng/ml
11)	M	Nitrobenzene	13.74	163967242	461.982 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.04	287732854	465.349 ng/ml
13)	M	2,4-Dinitrotoluene	23.77	230708320	469.178 ng/ml
14)	M	2-Nitrotoluene	18.87	209093811	932.145 ng/ml
15)	M	3-Nitrotoluene	19.38	182580640	931.722 ng/ml

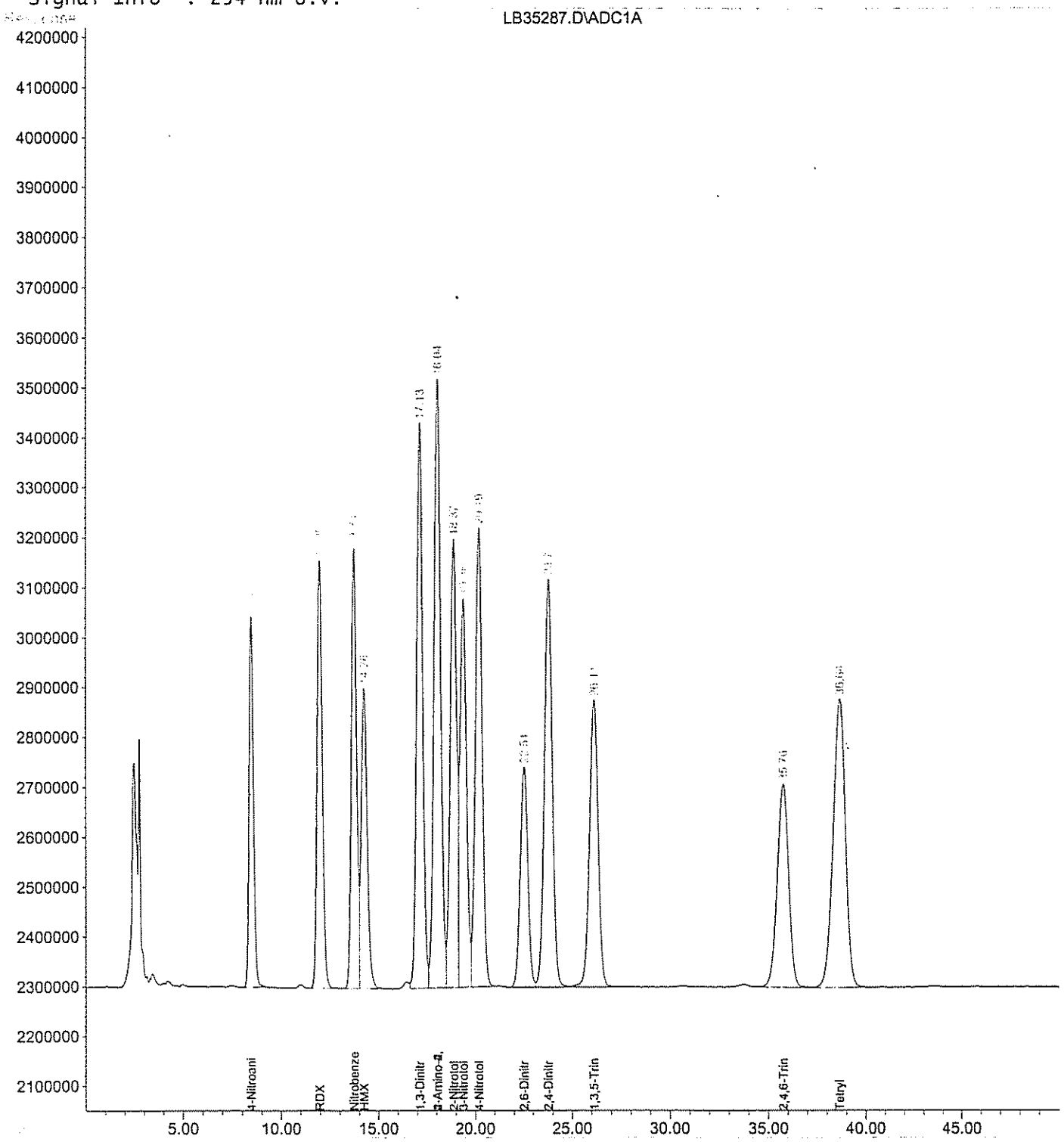
(f)=RT Delta > 1/2 window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35287.D Vial: 5
Acq On : 30 Jul 2006 16:44 Operator: AG
Sample : 8330MIX-LEV-4 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:28 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35288.D Vial: 6
Acq On : 30 Jul 2006 17:36 Operator: AG
Sample : 8330MIX-LEV-5 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	8.46	236464759	1841.826	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	613.94%#	
		Target Compounds				
1)	T	HMX	14.27	257011212	1897.114	ng/ml
3)	T	1,3,5-Trinitrobenzene	26.12	342451940	925.232	ng/mlm
4)	T	Tetryl	38.65	504227483	1871.662	ng/ml
5)	T	2,4,6-Trinitrotoluene	35.76	324601986	905.727	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.05	572421908	924.794	ng/ml
7)	T	2,6-Dinitrotoluene	22.52	235179401	913.645	ng/ml
8)	T	4-Nitrotoluene	20.20	453005628	1860.874	ng/ml
9)	M	RDX	11.98	314754062	1831.746	ng/ml
10)	M	1,3-Dinitrobenzene	17.13	487501998	933.680	ng/ml
11)	M	Nitrobenzene	13.74	325412666	916.859	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.05	572421908	925.775	ng/ml
13)	M	2,4-Dinitrotoluene	23.77	457563923	930.522	ng/ml
14)	M	2-Nitrotoluene	18.88	415503151	1852.322	ng/ml
15)	M	3-Nitrotoluene	19.39	363586106	1855.406	ng/ml

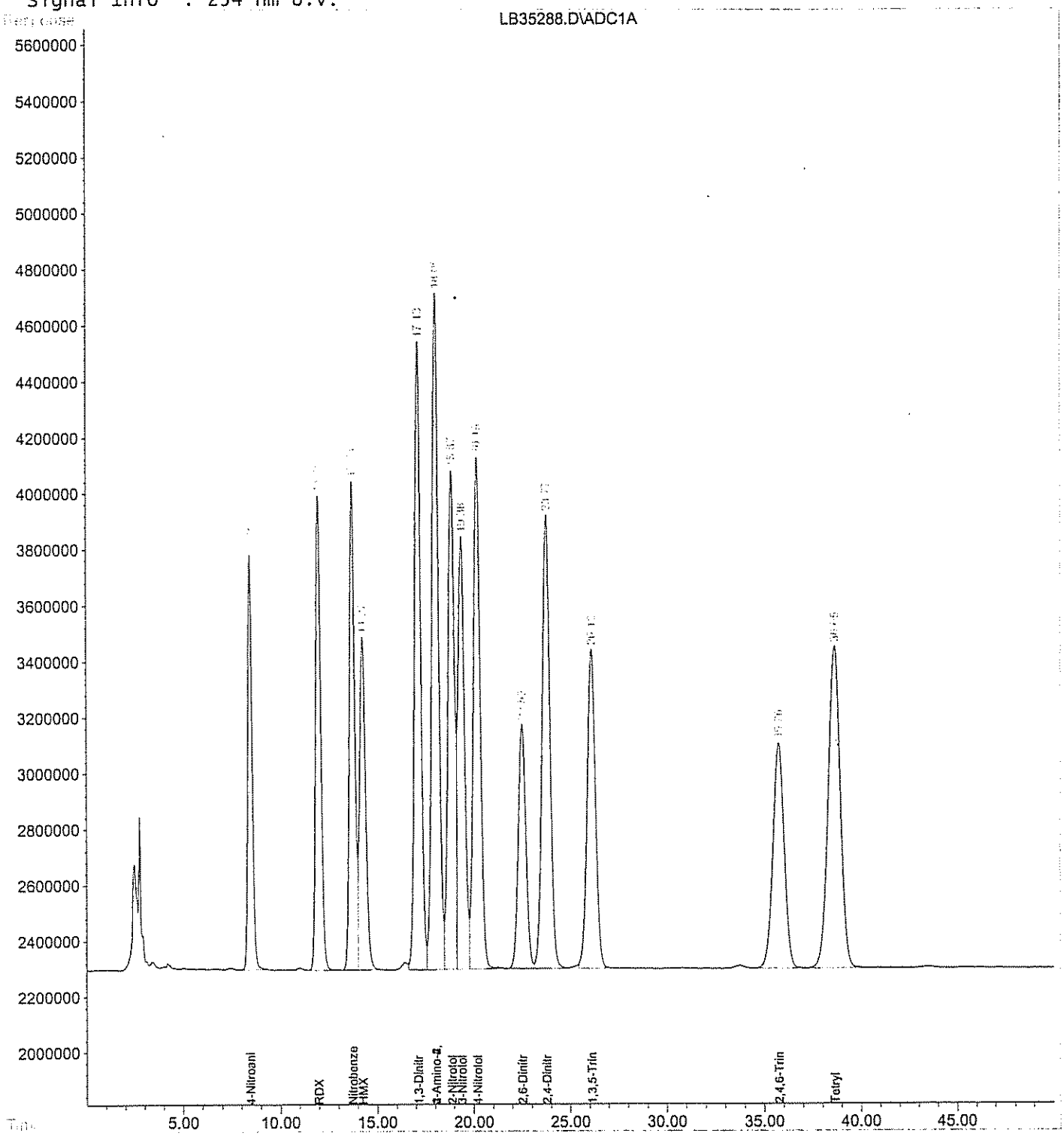
(f)=RT Delta > 1/2 window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35288.D Vial: 6
Acq On : 30 Jul 2006 17:36 Operator: AG
Sample : 8330MIX-LEV-5 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35289.D Vial: 7
Acq On : 30 Jul 2006 18:27 Operator: AG
Sample : 8330MIX-LEV-6 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.46	591009759	4603.379 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 1534.46%#
		Target Compounds			
1)	T	HMX	14.28	642189371	4740.286 ng/ml
3)	T	1,3,5-Trinitrobenzene	26.12	873929200	2364.541 ng/ml
4)	T	Tetryl	38.65	1284360520	4767.470 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.76	817493130	2281.025 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.06	1438379084	2323.819 ng/ml
7)	T	2,6-Dinitrotoluene	22.52	590480324	2293.948 ng/ml
8)	T	4-Nitrotoluene	20.20	1119909780	4600.410 ng/ml
9)	M	RDX	11.99	791920711	4608.669 ng/ml
10)	M	1,3-Dinitrobenzene	17.14	1215830726	2328.600 ng/ml
11)	M	Nitrobenzene	13.75	800984917	2256.796 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.06	1438379084	2326.283 ng/ml
13)	M	2,4-Dinitrotoluene	23.78	1148642284	2335.928 ng/ml
14)	M	2-Nitrotoluene	18.88	1022987410	4560.499 ng/ml
15)	M	3-Nitrotoluene	19.39	895671542	4570.675 ng/ml

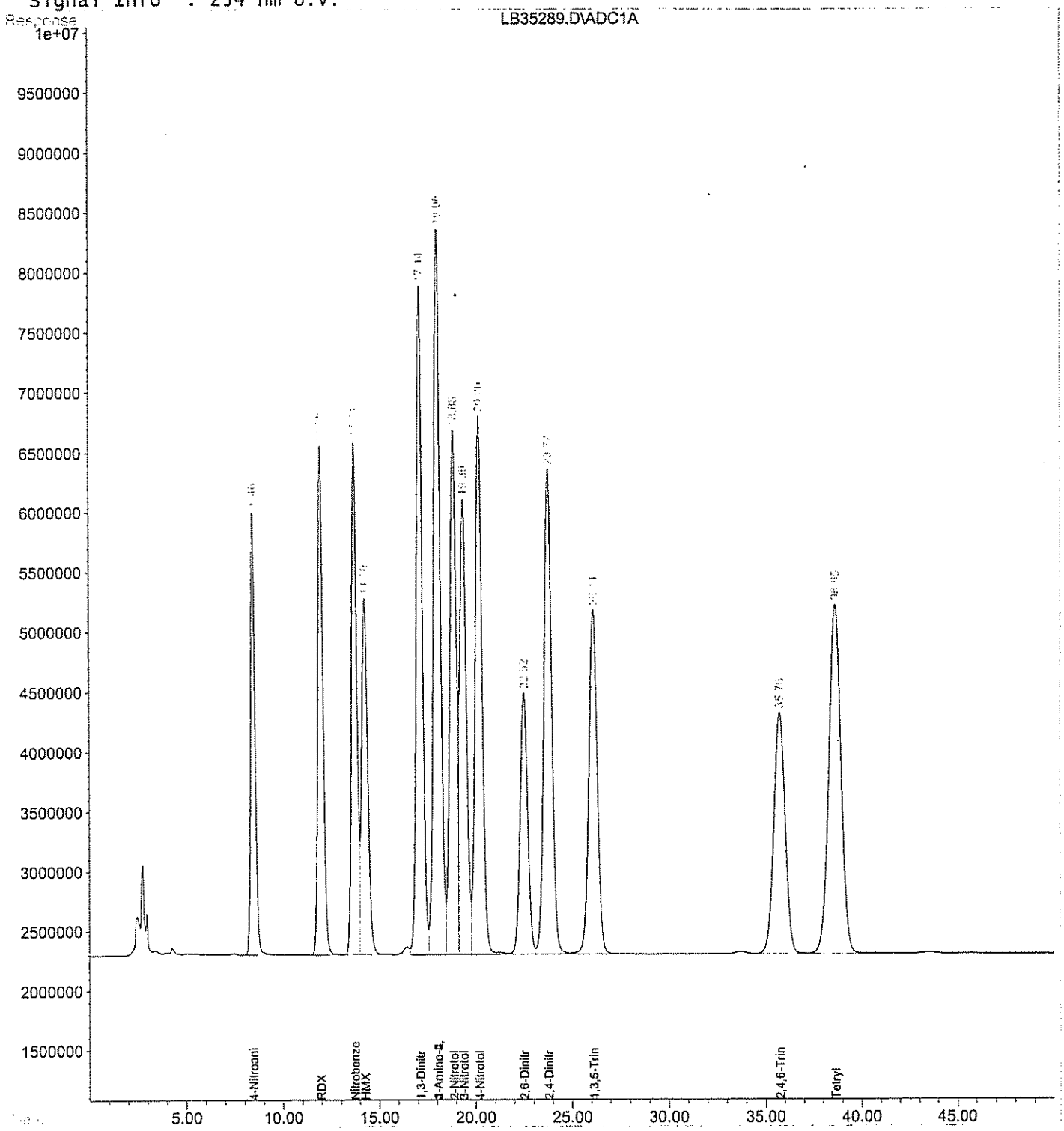
(f)=RT Delta > 1/2 window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35289.D Vial: 7
Acq On : 30 Jul 2006 18:27 Operator: AG
Sample : 8330MIX-LEV-6 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Sep 18 12:52:54 2006
Response via : Initial Calibration

Continuing Calibration File: LB35290.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	177.357	E3	-30.9#	130
2	S	4-Nitroaniline	128.386	110.334	E3	14.1	88
3	T	1,3,5-Trinitrobenzene	369.598	465.956	E3	-26.1#	130
4	T	Tetryl	269.401	343.832	E3	-27.6#	132
5	T	2,4,6-Trinitrotoluene	355.309	436.396	E3	-22.8#	131
6	T	4-Amino-2,6-Dinitrotoluene	618.972	676.471	E3	-9.3	112
7	T	2,6-Dinitrotoluene	253.253	319.165	E3	-26.0#	131
8	T	4-Nitrotoluene	241.692	255.343	E3	-5.6	109
9	M	RDX	171.833	213.806	E3	-24.4#	130
10	M	1,3-Dinitrobenzene	522.129	659.128	E3	-26.2#	131
11	M	Nitrobenzene	354.921	408.802	E3	-15.2#	121
12	M	2-Amino-4,6-Dinitrotoluene	615.907	676.471	E3	-9.8	112
13	M	2,4-Dinitrotoluene	491.728	619.312	E3	-25.9#	130
14	M	2-Nitrotoluene	223.086	233.090	E3	-4.5	108
15	M	3-Nitrotoluene	194.415	215.679	E3	-10.9	114

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35290.D Vial: 8
Acq On : 30 Jul 2006 19:18 Operator: AG
Sample : 8330MIX-ICV Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:41 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

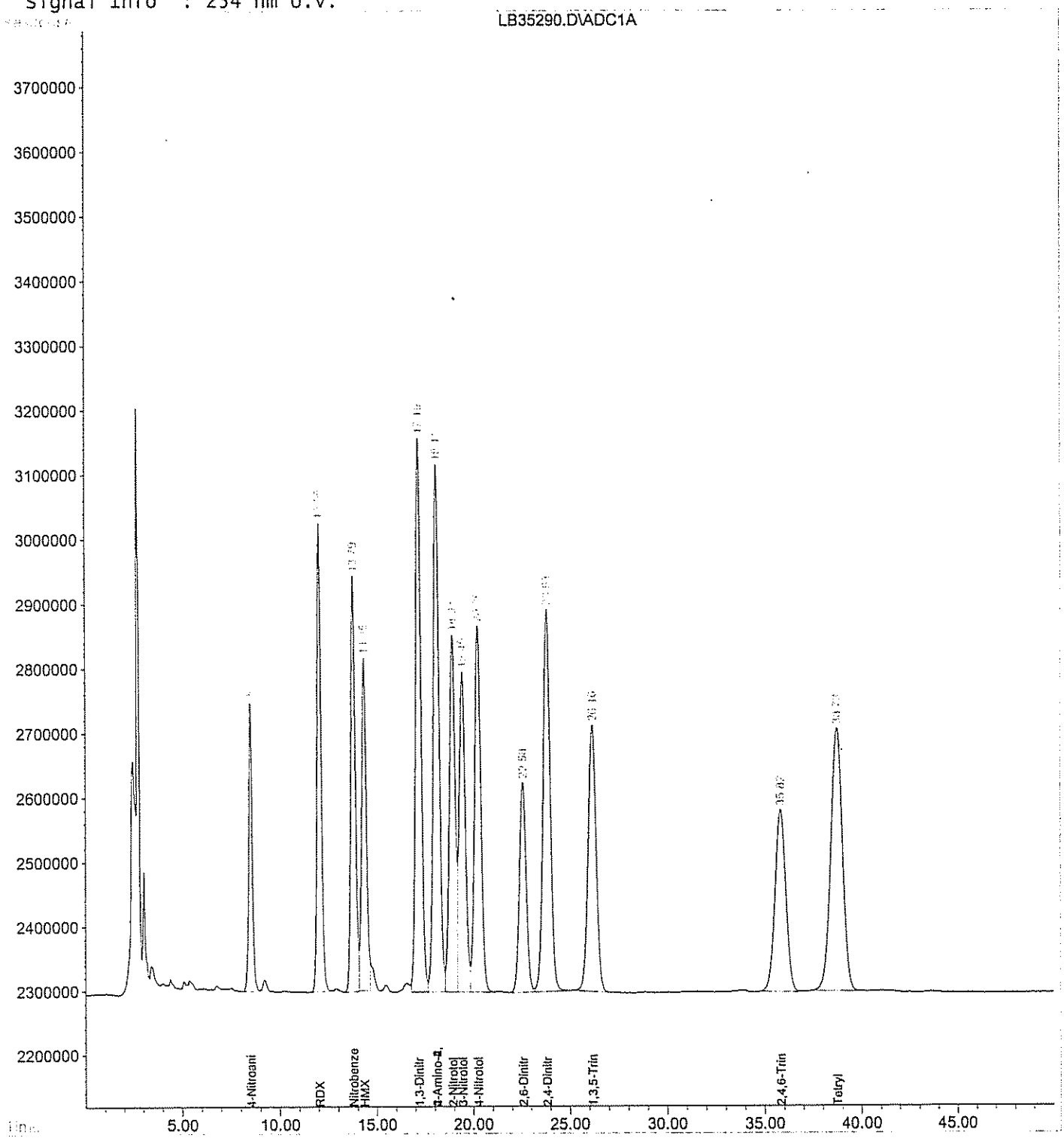
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	8.51	55167160	429.697	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	143.23%#	
		Target Compounds				
1)	T	HMX	14.35	88678477	654.575	ng/mlm
3)	T	1,3,5-Trinitrobenzene	26.16	116488959	315.178	ng/ml
4)	T	Tetryl	38.74	171916155	638.143	ng/ml
5)	T	2,4,6-Trinitrotoluene	35.83	109098948	307.054	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.12	169117855	273.224	ng/ml
7)	T	2,6-Dinitrotoluene	22.58	79791307	315.065	ng/ml
8)	T	4-Nitrotoluene	20.25	127671564	528.241	ng/ml
9)	M	RDX	12.05	106902924	622.133	ng/ml
10)	M	1,3-Dinitrobenzene	17.19	164781903	315.596	ng/mlm
11)	M	Nitrobenzene	13.80	102200435	287.952	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.12	169117855	274.583	ng/ml
13)	M	2,4-Dinitrotoluene	23.83	154828045	314.865	ng/ml
14)	M	2-Nitrotoluene	18.94	116545076	522.422	ng/ml
15)	M	3-Nitrotoluene	19.45	107839325	554.685	ng/ml

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35290.D Vial: 8
Acq On : 30 Jul 2006 19:18 Operator: AG
Sample : 8330MIX-ICV Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:41 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Response Factor Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 10:20:04 2006

Calibration Files
LEV1 =LA15127.D LEV2 =LA15128.D LEV3 =LA15129.D
LEV4 =LA15130.D LEV5 =LA15131.D LEV6 =LA15132.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.296	1.290	1.223	1.196	1.208	1.183	1.233	E5	3.96
2)	S	4-Nitroaniline	1.267	1.398	1.267	1.264	1.381	1.271	1.308	E5	4.83
3)	T	1,3,5-Trinitrobenze	3.361	3.419	3.541	3.506	3.534	3.461	3.470	E5	2.04
4)	T	Tetryl	2.286	2.076	2.634	2.617	2.634	2.586	2.472	E5	9.55
5)	T	2,4,6-Trinitrotolue	3.509	3.416	3.447	3.387	3.408	3.322	3.415	E5	1.82
6)	T	4-Amino-2,6-Dinitro	2.696	2.677	2.374	2.337	2.373	2.305	2.460	E5	7.20
7)	T	2,6-Dinitrotoluene	2.363	2.353	2.225	2.165	2.162	2.166	2.239	E5	4.25
8)	T	4-Nitrotoluene	2.348	1.907	1.947	2.040	2.027	1.999	2.045	E5	7.67
9)	M	RDX	1.821	1.731	1.649	1.553	1.571	1.527	1.642	E5	6.99
10)	M	1,3-Dinitrobenzene	5.496	5.066	5.187	5.083	5.115	5.020	5.161	E5	3.36
11)	M	Nitrobenzene	3.955	3.743	3.642	3.647	3.669	3.621	3.713	E5	3.40
12)	M	2-Amino-4,6-Dinitro	3.671	3.777	3.600	3.544	3.573	3.491	3.609	E5	2.82
13)	M	2,4-Dinitrotoluene	5.610	5.477	5.224	5.141	5.177	5.163	5.298	E5	3.71
14)	M	2-Nitrotoluene	2.387	2.414	2.260	2.273	2.294	2.246	2.312	E5	3.06
15)	M	3-Nitrotoluene	2.659	2.646	2.476	2.518	2.516	2.490	2.551	E5	3.15

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15126.D Vial: 1
Acq On : 24 Jul 2006 7:50 pm Operator: AG
Sample : 8330MIX-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:21 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units

System Monitoring Compounds

Target Compounds

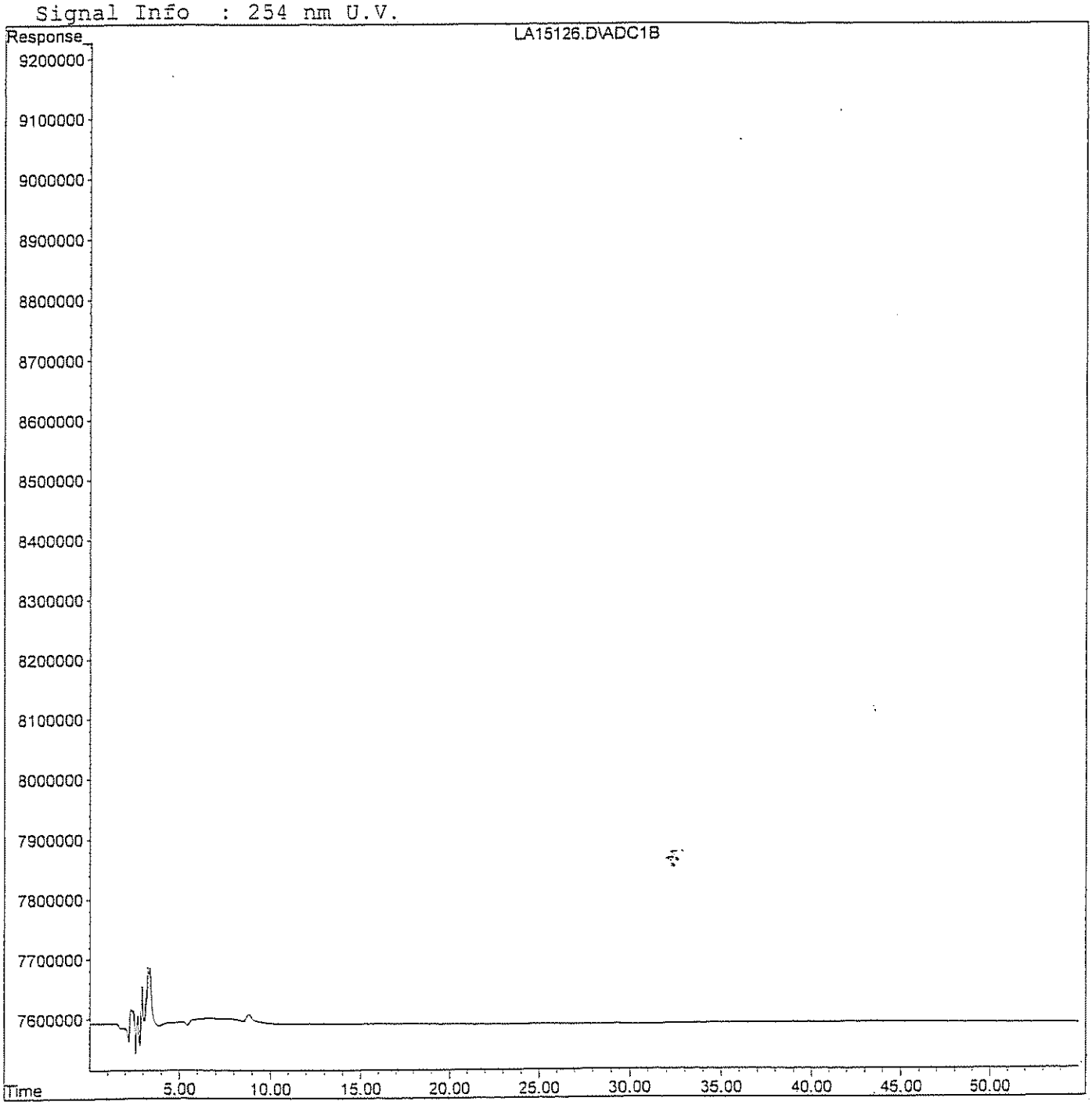
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15126.D Vial: 1
Acq On : 24 Jul 2006 7:50 pm Operator: AG
Sample : 8330MIX-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:21 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15127.D Vial: 2
Acq On : 24 Jul 2006 8:49 pm Operator: AG
Sample : 8330MIX-LEV1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:19 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.17	2533747	19.283 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	6.43%#
		Target Compounds			
1)	T	HMX	4.62	2592528	20.862 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.69	3360523	9.592 ng/mlm
4)	T	Tetryl	20.24	4571428	18.848 ng/mlm
5)	T	2,4,6-Trinitrotoluene	24.84	3508932	10.376 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	26.62	2695882	10.852 ng/mlm
7)	T	2,6-Dinitrotoluene	31.47	2362751	10.560 ng/mlm
8)	T	4-Nitrotoluene	44.17	4696060	22.843 ng/mlm
9)	M	RDX	9.09	3641036	21.529 ng/mlm
10)	M	1,3-Dinitrobenzene	18.36	5496210	10.648 ng/mlm
11)	M	Nitrobenzene	22.34	3955430	10.646 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	28.39	3670539	10.231 ng/mlm
13)	M	2,4-Dinitrotoluene	32.58	5609844	10.618 ng/mlm
14)	M	2-Nitrotoluene	40.99	4773720	20.714 ng/mlm
15)	M	3-Nitrotoluene	48.05	5317784	20.558 ng/mlm

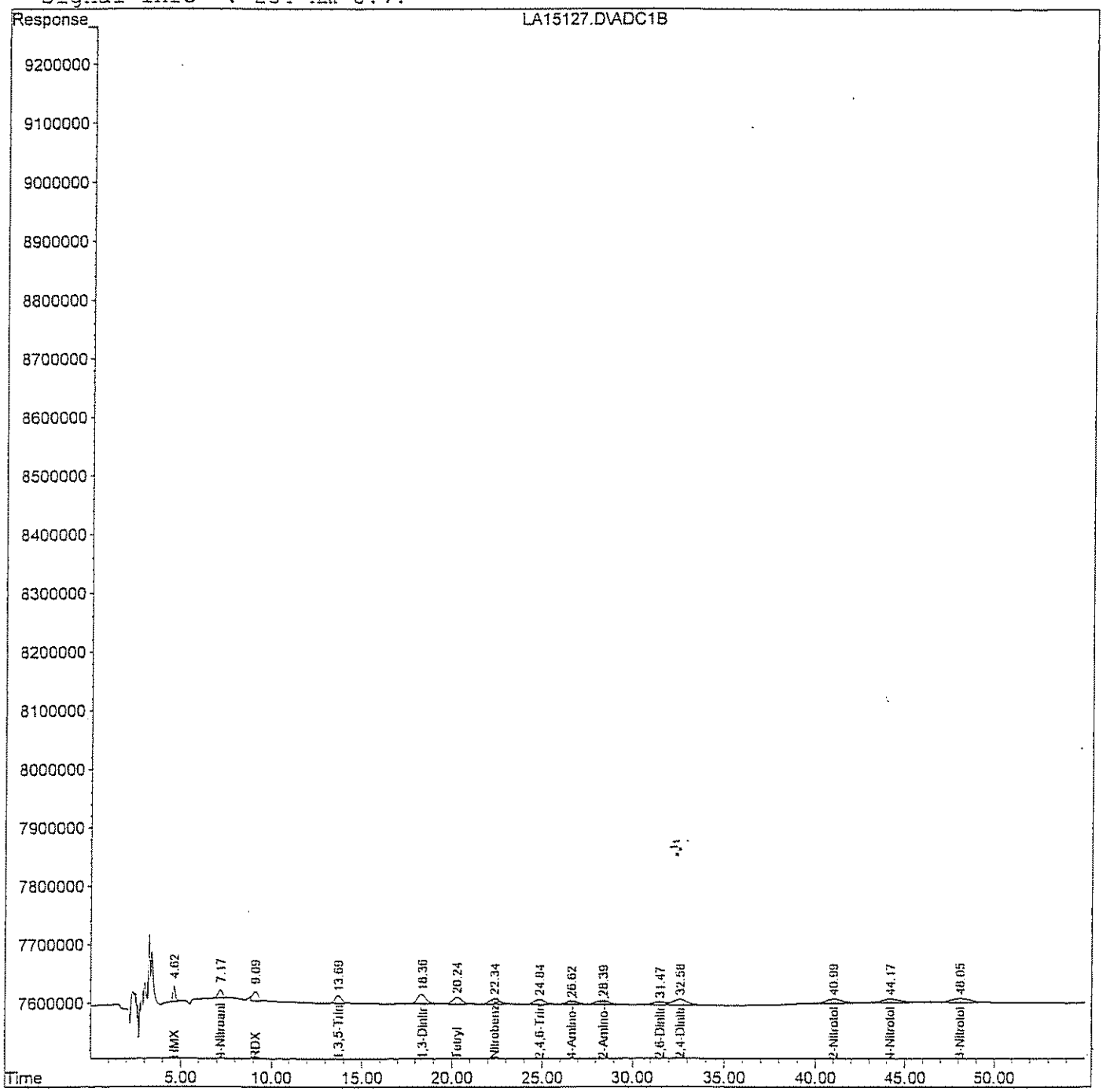
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15127.D Vial: 2
Acq On : 24 Jul 2006 8:49 pm Operator: AG
Sample : 8330MIX-LEV1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:19 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15128.D Vial: 3
Acq On : 24 Jul 2006 9:49 pm Operator: AG
Sample : 8330MIX-LEV2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:03 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.18	13976739	106.372 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	35.46%#
		Target Compounds			
1)	T	HMX	4.62	12903421	103.834 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.67	17096793	48.801 ng/mlm
4)	T	Tetryl	20.21	20756774	85.582 ng/mlm
5)	T	2,4,6-Trinitrotoluene	24.80	17080026	50.505 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	26.64	13384172	53.874 ng/mlm
7)	T	2,6-Dinitrotoluene	31.45	11762789	52.570 ng/mlm
8)	T	4-Nitrotoluene	44.25	19070917	92.766 ng/mlm
9)	M	RDX	9.11	17308792	102.345 ng/mlm
10)	M	1,3-Dinitrobenzene	18.28	25328885	49.072 ng/ml
11)	M	Nitrobenzene	22.29	18714119	50.371 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	28.30	18886865	52.644 ng/mlm
13)	M	2,4-Dinitrotoluene	32.59	27386035	51.836 ng/mlm
14)	M	2-Nitrotoluene	41.11	24140767	104.752 ng/mlm
15)	M	3-Nitrotoluene	48.16	26455039	102.275 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int

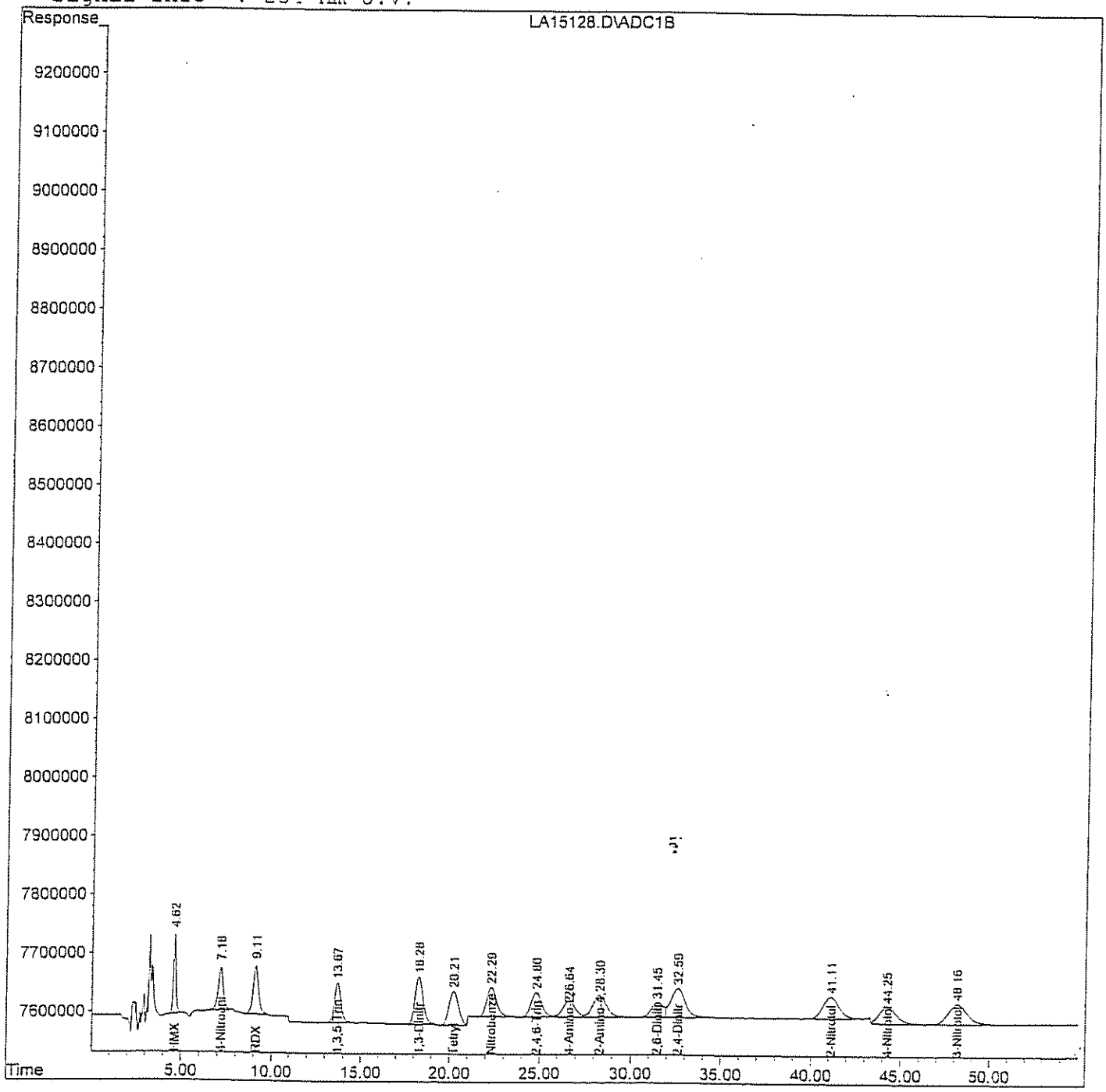
Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15128.D
Acq On : 24 Jul 2006 9:49 pm
Sample : 8330MIX-LEV2
Misc : C CAL
IntFile : events.e
Quant Time: Jul 25 10:03 2006 Quant Results File: 67258330.RES

Vial: 3
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15129.D Vial: 4
Acq On : 24 Jul 2006 10:48 pm Operator: AG
Sample : 8330MIX-LEV3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.16	63364344	482.242 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	160.75%#
		Target Compounds			
1)	T	HMX	4.61	61156696	492.127 ng/ml
3)	T	1,3,5-Trinitrobenzene	13.68	88528114	252.696 ng/ml
4)	T	Tetryl	20.25	131700327	543.015 ng/ml
5)	T	2,4,6-Trinitrotoluene	24.83	86168690	254.796 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.68	59338371	238.850 ng/ml
7)	T	2,6-Dinitrotoluene	31.46	55632704	248.633 ng/ml
8)	T	4-Nitrotoluene	44.16	97333440	473.455 ng/mlm
9)	M	RDX	9.10	82443644	487.480 ng/ml
10)	M	1,3-Dinitrobenzene	18.31	129681991	251.245 ng/ml
11)	M	Nitrobenzene	22.33	91048887	245.068 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.31	89996265	250.848 ng/ml
13)	M	2,4-Dinitrotoluene	32.57	130595008	247.190 ng/ml
14)	M	2-Nitrotoluene	41.03	112976058	490.228 ng/ml
15)	M	3-Nitrotoluene	48.07	123794902	478.588 ng/ml

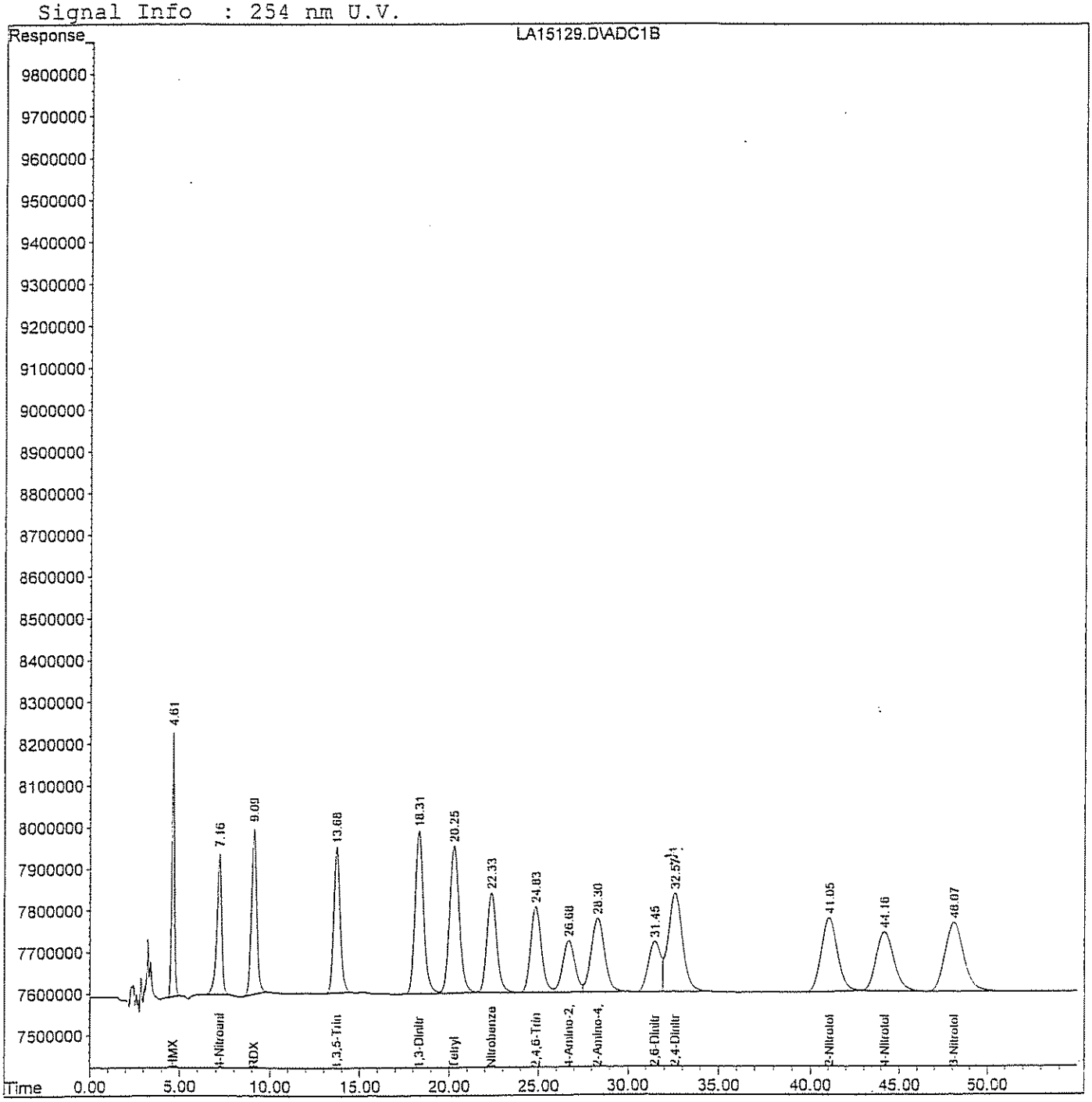
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15129.D Vial: 4
Acq On : 24 Jul 2006 10:48 pm Operator: AG
Sample : 8330MIX-LEV3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15130.D Vial: 5
Acq On : 24 Jul 2006 11:48 pm Operator: AG
Sample : 8330MIX-LEV4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.18	126392628	961.925 ng/ml
Spiked Amount		300.000 Range 49 - 133		Recovery =	320.64%#
		Target Compounds			
1)	T	HMX	4.63	119551378	962.028 ng/ml
3)	T	1,3,5-Trinitrobenzene	13.69	175298545	500.374 ng/ml
4)	T	Tetryl	20.25	261744389	1079.201 ng/ml
5)	T	2,4,6-Trinitrotoluene	24.82	169367688	500.811 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.68	116836675	470.293 ng/ml
7)	T	2,6-Dinitrotoluene	31.44	108235838	483.727 ng/ml
8)	T	4-Nitrotoluene	44.13	204046526	992.536 ng/ml
9)	M	RDX	9.12	155334981	918.479 ng/ml
10)	M	1,3-Dinitrobenzene	18.31	254134020	492.358 ng/ml
11)	M	Nitrobenzene	22.33	182351687	490.819 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.29	177179097	493.854 ng/ml
13)	M	2,4-Dinitrotoluene	32.55	257032275	486.510 ng/ml
14)	M	2-Nitrotoluene	41.00	227330639	986.437 ng/ml
15)	M	3-Nitrotoluene	48.06	251779178	973.372 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int

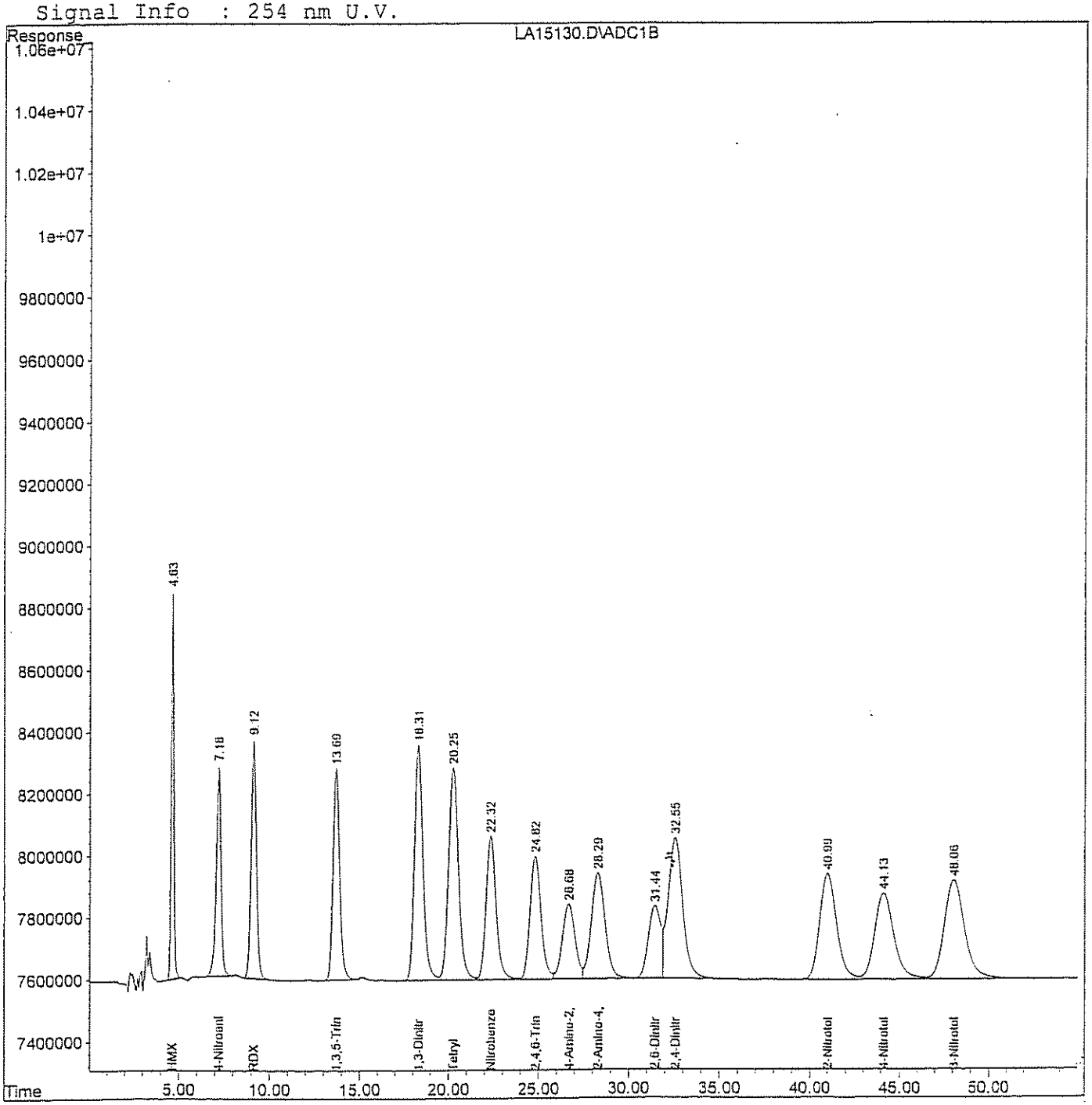
Camp Adair/Adair AFS - Appendix E 200-1e F10OR002908_01.09_0505_a 1155

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15130.D Vial: 5
Acq On : 24 Jul 2006 11:48 pm Operator: AG
Sample : 8330MIX-LEV4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15131.D Vial: 6
Acq On : 25 Jul 2006 12:47 am Operator: AG
Sample : 8330MIX-LEV5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
2) S	4-Nitroaniline	7.19	276125577	2101.485	ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	700.50%#	
	Target Compounds				
1) T	HMX	4.63	241558568	1943.817	ng/ml
3) T	1,3,5-Trinitrobenzene	13.68	353379901	1008.691	ng/ml
4) T	Tetryl	20.24	526827041	2172.165	ng/ml
5) T	2,4,6-Trinitrotoluene	24.81	340780189	1007.669	ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	26.67	237312925	955.237	ng/ml
7) T	2,6-Dinitrotoluene	31.43	216162020	966.070	ng/ml
8) T	4-Nitrotoluene	44.17	405456361	1972.246	ng/ml
9) M	RDX	9.12	314198319	1857.820	ng/ml
10) M	1,3-Dinitrobenzene	18.30	511517616	991.011	ng/ml
11) M	Nitrobenzene	22.32	366851214	987.420	ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	28.28	357343068	996.029	ng/ml
13) M	2,4-Dinitrotoluene	32.54	517664050	979.834	ng/ml
14) M	2-Nitrotoluene	41.02	458745788	1990.597	ng/ml
15) M	3-Nitrotoluene	48.11	503189091	1945.317	ng/ml

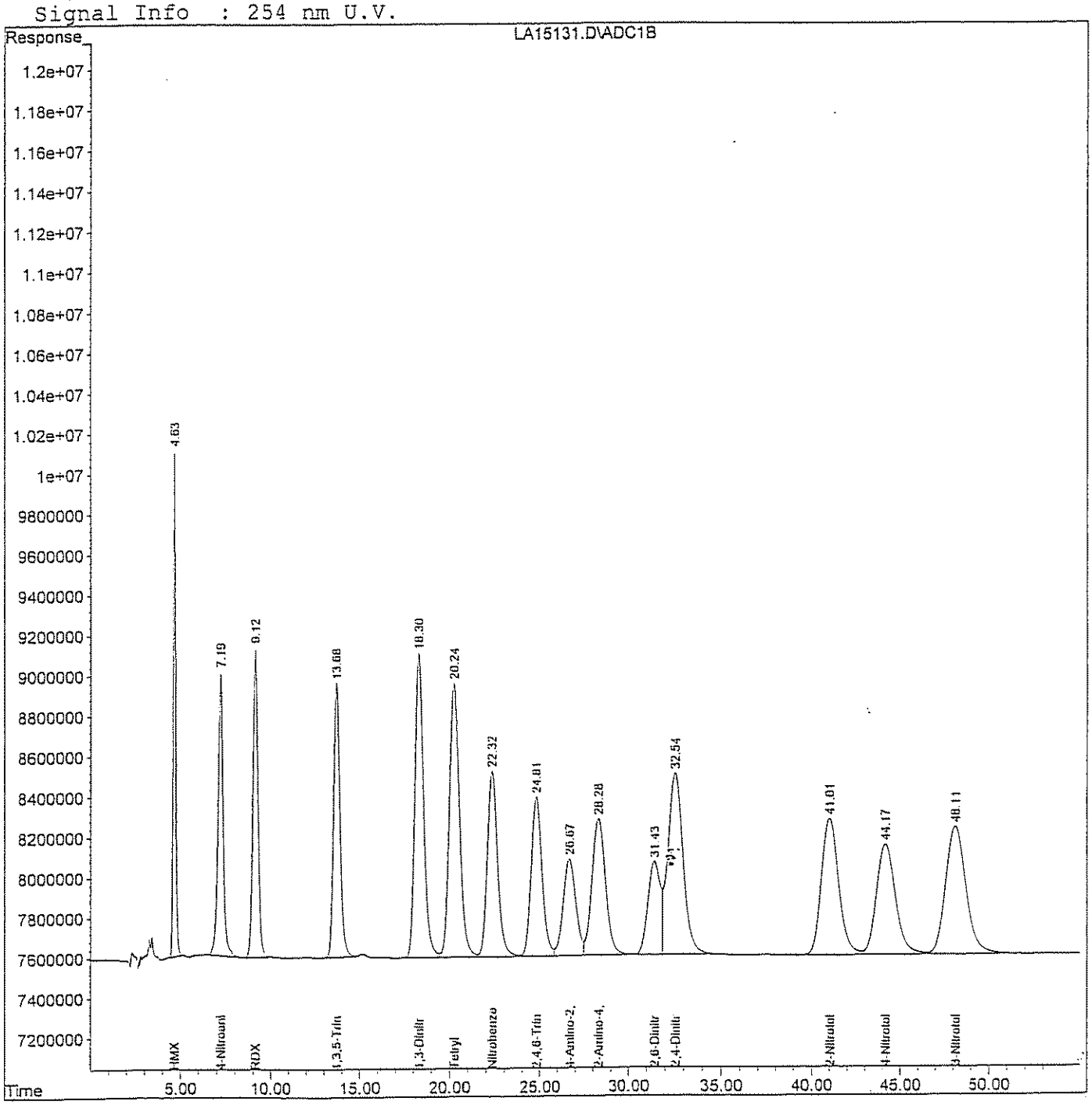
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15131.D Vial: 6
Acq On : 25 Jul 2006 12:47 am Operator: AG
Sample : 8330MIX-LEV5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15132.D Vial: 7
Acq On : 25 Jul 2006 1:47 am Operator: AG
Sample : 8330MIX-LEV6 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.17	635419184	4835.930	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 1611.98%#	
		Target Compounds				
1)	T	HMX	4.63	591641981	4760.932	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.66	865302677	2469.929	ng/ml
4)	T	Tetryl	20.20	1293186291	5331.948	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.78	830405000	2455.464	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.61	576219874	2319.411	ng/ml
7)	T	2,6-Dinitrotoluene	31.41	541546198	2420.275	ng/ml
8)	T	4-Nitrotoluene	44.19	999422431	4861.452	ng/ml
9)	M	RDX	9.10	763573799	4514.927	ng/ml
10)	M	1,3-Dinitrobenzene	18.27	1255087143	2431.598	ng/ml
11)	M	Nitrobenzene	22.28	905197797	2436.437	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.23	872628409	2432.293	ng/ml
13)	M	2,4-Dinitrotoluene	32.52	1290636854	2442.916	ng/ml
14)	M	2-Nitrotoluene	41.05	1122871373	4872.381	ng/ml
15)	M	3-Nitrotoluene	48.13	1244879261	4812.673	ng/ml

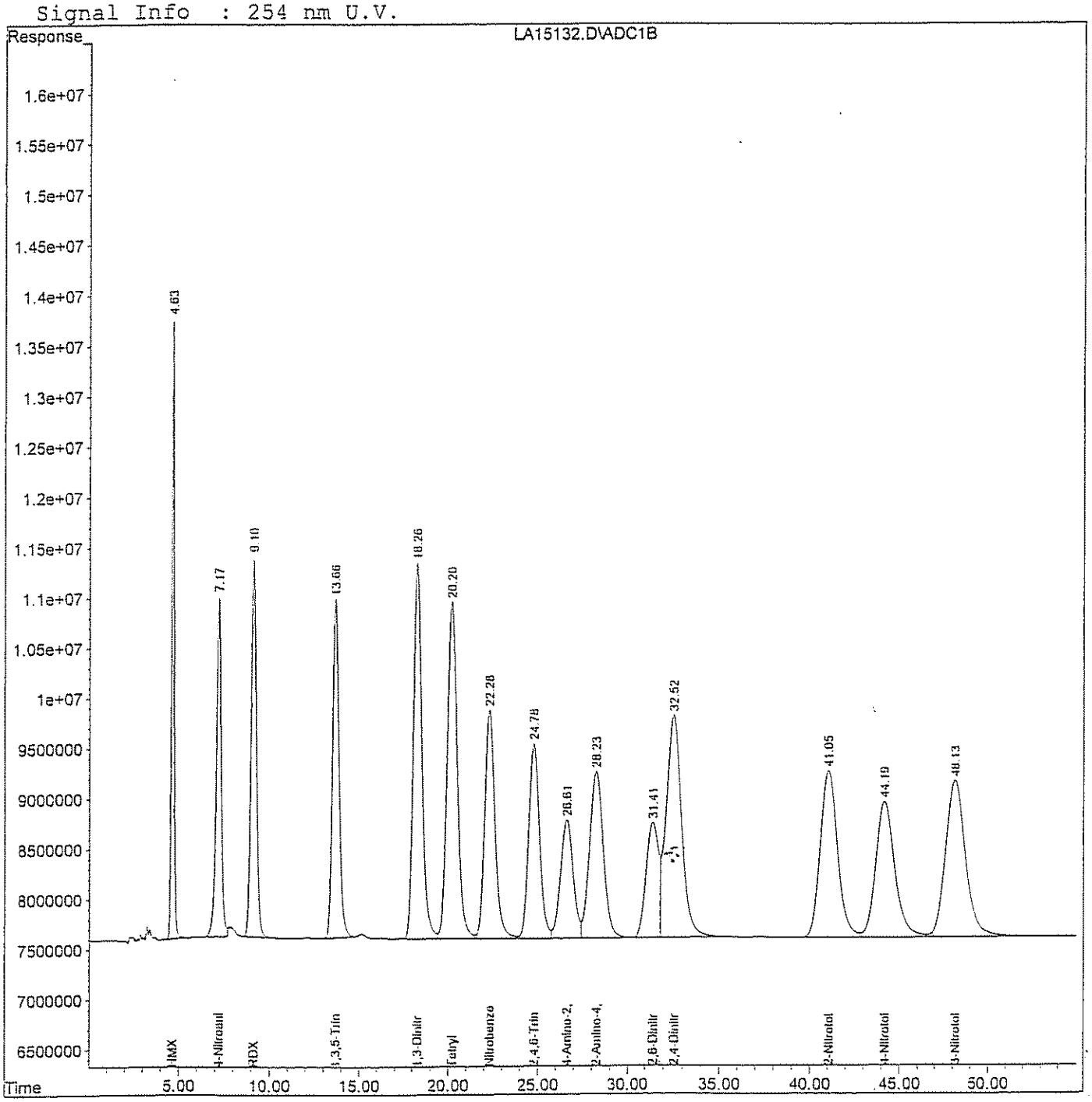
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15132.D Vial: 7
Acq On : 25 Jul 2006 1:47 am Operator: AG
Sample : 8330MIX-LEV6 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15133.D Vial: 8
Acq On : 25 Jul 2006 2:46 am Operator: AG
Sample : 8330MIX-ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:23 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
Target Compounds						
1)	T	HMX	4.64	31709492	257.232	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.68	79396556	228.787	ng/ml
4)	T	Tetryl	20.22	52172418	211.034	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.79	96941841	283.892	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.65	53747201	218.470	ng/mlm
7)	T	2,6-Dinitrotoluene	31.42	57471600	256.701	ng/ml
8)	T	4-Nitrotoluene	44.20	45747798	223.735	ng/ml
9)	M	RDX	9.12	37577803	228.859	ng/ml
10)	M	1,3-Dinitrobenzene	18.29	123884926	240.029	ng/ml
11)	M	Nitrobenzene	22.31	93308511	251.319	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.27	81694969	226.351	ng/mlm
13)	M	2,4-Dinitrotoluene	32.54	123928225	233.895	ng/ml
14)	M	2-Nitrotoluene	41.05	53867995	232.972	ng/ml
15)	M	3-Nitrotoluene	48.12	58720340	230.219	ng/ml

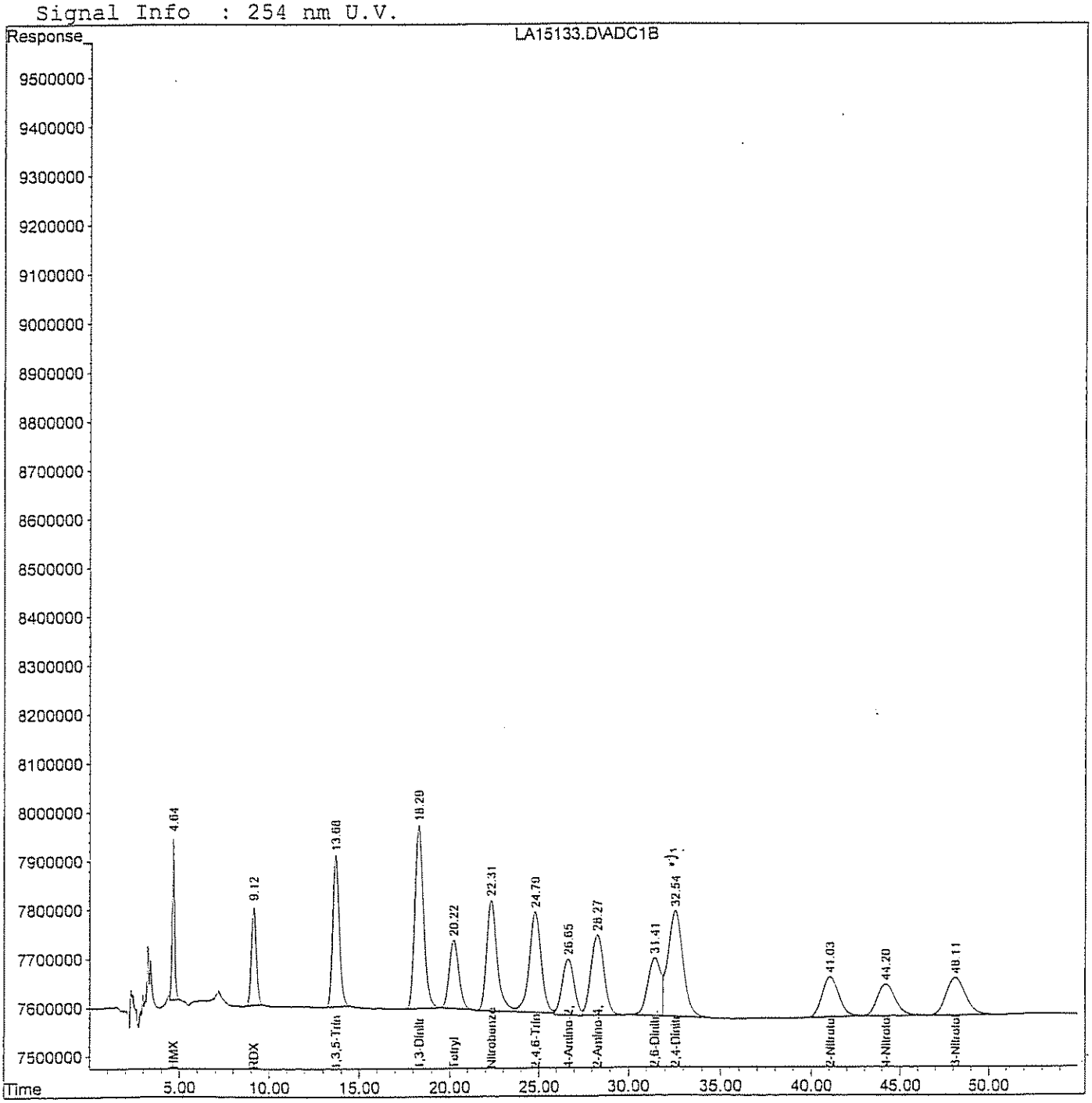
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15133.D Vial: 8
Acq On : 25 Jul 2006 2:46 am Operator: AG
Sample : 8330MIX-ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:23 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Response Factor Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005

Calibration Files
LEV1 =LA14360.D LEV2 =LA14361.D LEV3 =LA14362.D
LEV4 =LA14363.D LEV5 =LA14364.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-NITROANILINE	1.449	1.256	1.170	1.118	1.136	1.226	E5	11.05
2)	M	NITROGLYCERINE	1.594	1.775	1.828	1.696	1.909	1.760	E6	6.88

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\071006\LA14854.D Vial: 24
Acq On : 11 Jul 2006 16:40 Operator: SS
Sample : 8330NG Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 15:04 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	7.08	30698730	250.422 PPB
Spiked Amount	300.000	Recovery	=	83.47%
	Target Compounds			
2) M	NITROGLYCERINE	21.84	17047449	9.685 PPM

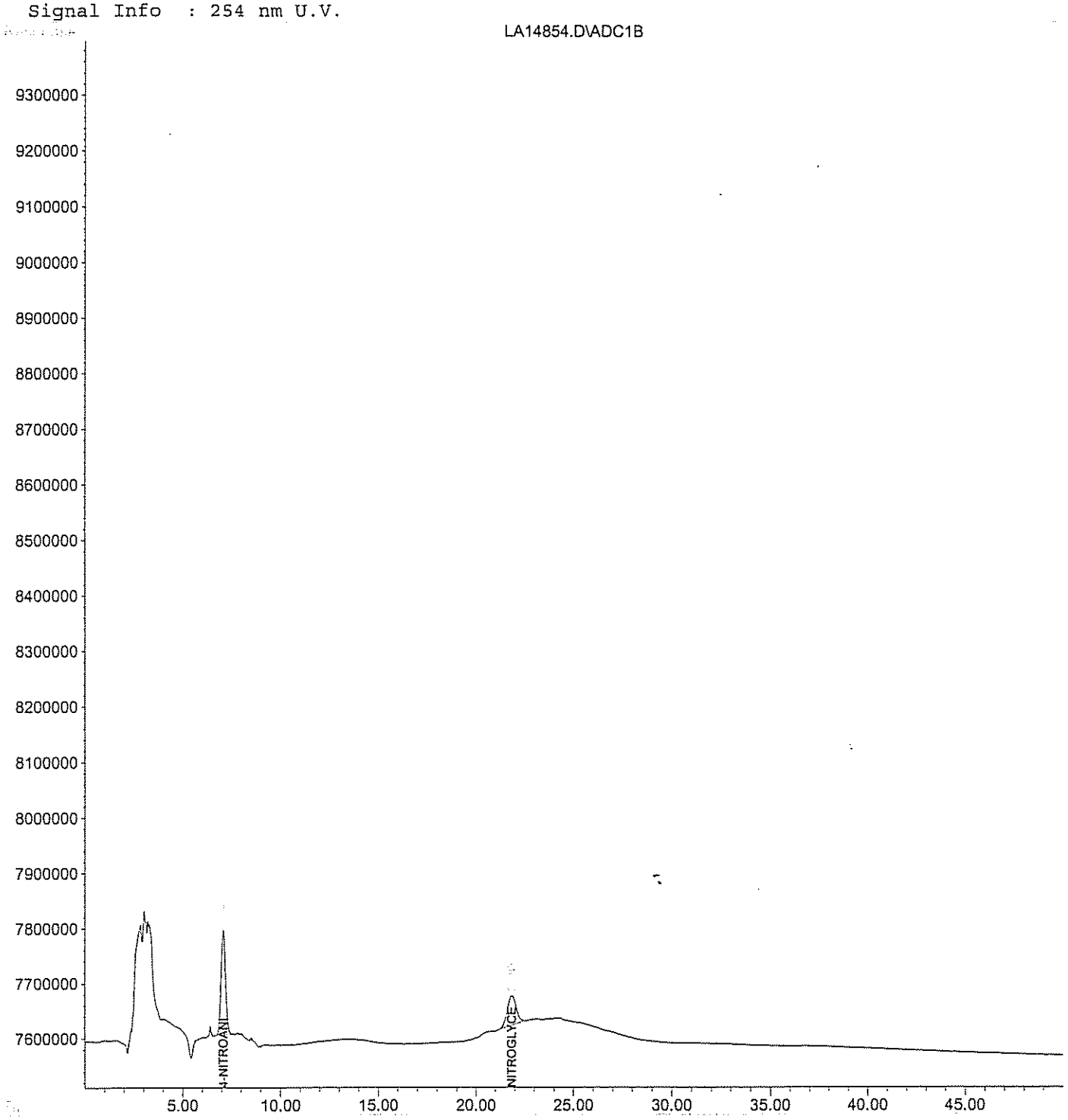
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\071006\LA14854.D Vial: 24
Acq On : 11 Jul 2006 16:40 Operator: SS
Sample : 8330NG Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 15:04 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14359.D Vial: 1
Acq On : 7 Jun 2006 11:49 Operator: SS
Sample : 8330NG-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:55 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	0.00	0	N.D.	PPB
Spiked Amount 300.000	Recovery = 0.00%			
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

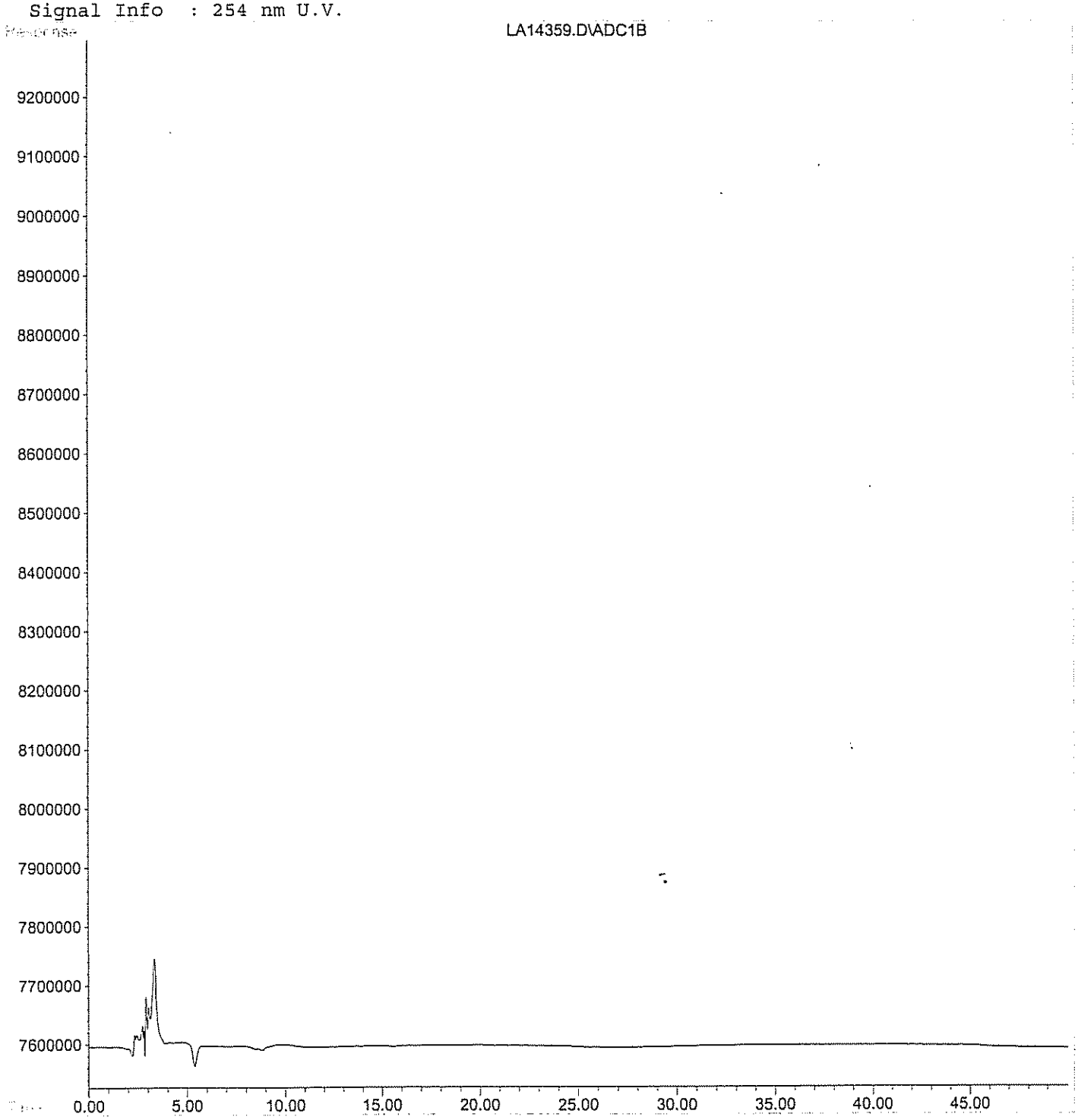
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14359.D Vial: 1
Acq On : 7 Jun 2006 11:49 Operator: SS
Sample : 8330NG-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:55 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14360.D Vial: 2
Acq On : 7 Jun 2006 12:44 Operator: SS
Sample : 8330NG-LEV 1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.99	3622306	27.379 PPB m
Spiked Amount 300.000		Recovery =	9.13%
Target Compounds			
2) M NITROGLYCERINE	21.44	1593800	0.897 PPM m

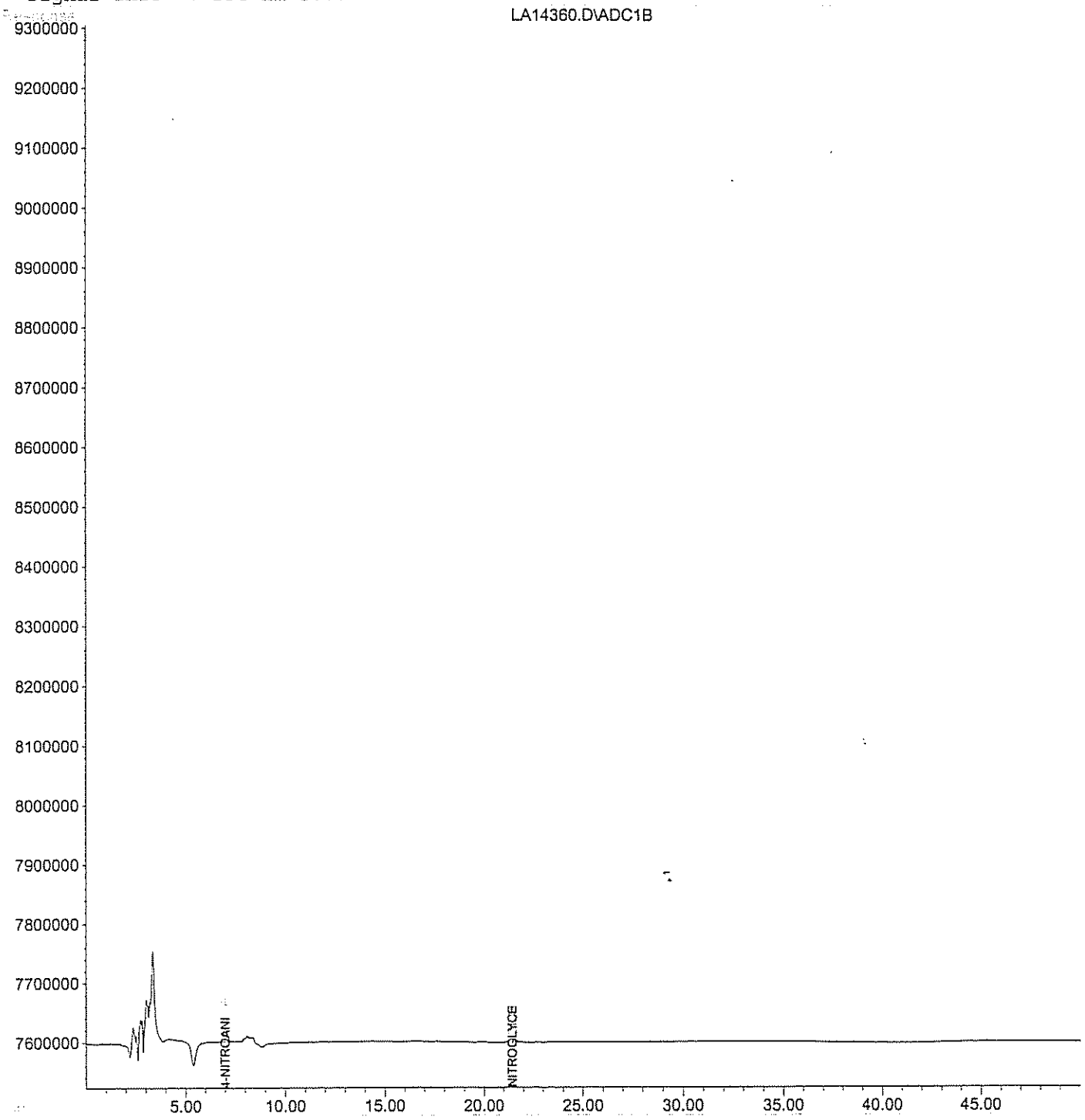
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14360.D Vial: 2
Acq On : 7 Jun 2006 12:44 Operator: SS
Sample : 8330NG-LEV 1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14361.D Vial: 3
Acq On : 7 Jun 2006 13:38 Operator: SS
Sample : 8330NG-LEV 2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.97	15700448	116.384 PPB
Spiked Amount 300.000		Recovery =	38.79%
Target Compounds			
2) M NITROGLYCERINE	21.44	8873539	5.090 PPM m

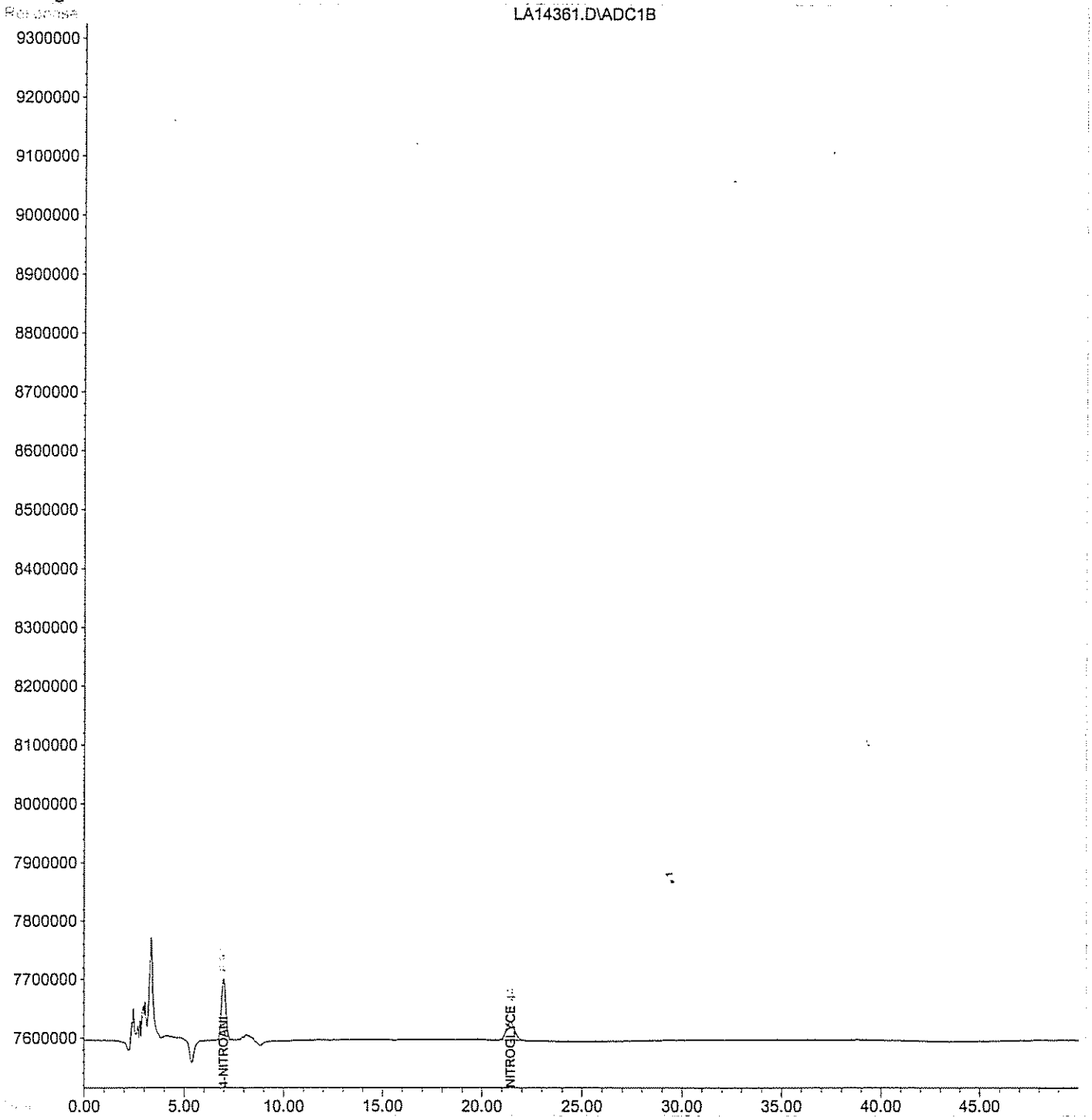
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14361.D Vial: 3
Acq On : 7 Jun 2006 13:38 Operator: SS
Sample : 8330NG-LEV 2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14362.D Vial: 4
Acq On : 7 Jun 2006 14:33 Operator: SS
Sample : 8330NG-LEV 3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	6.97	29257975	211.980 PPB
Spiked Amount	300.000	Recovery	=	70.66%
	Target Compounds			
2) M	NITROGLYCERINE	21.42	18282386	10.307 PPM

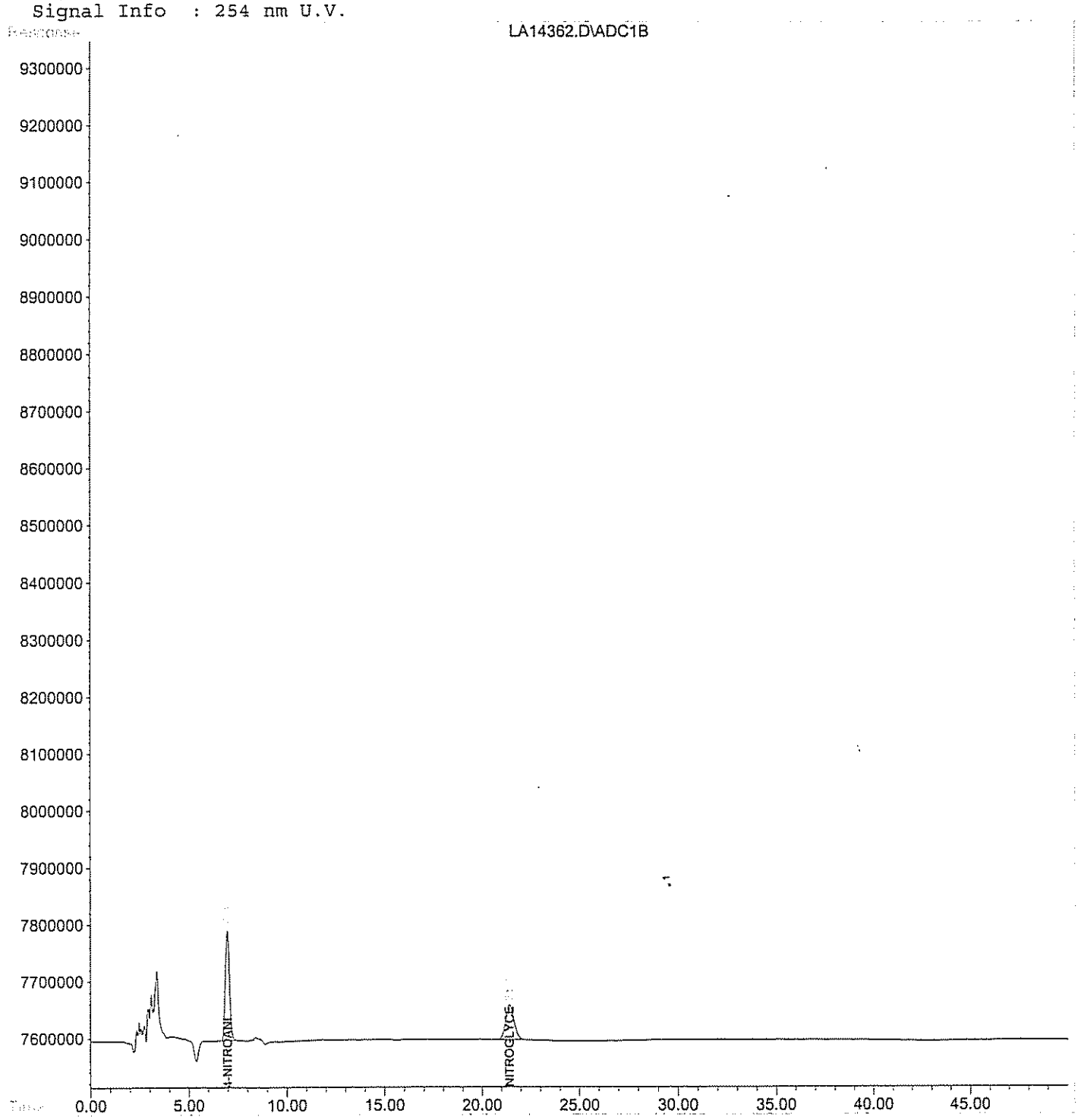
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14362.D Vial: 4
Acq On : 7 Jun 2006 14:33 Operator: SS
Sample : 8330NG-LEV 3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14363.D Vial: 5
Acq On : 7 Jun 2006 15:27 Operator: SS
Sample : 8330NG-LEV 4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	6.98	55922720	423.669 PPB
Spiked Amount	300.000	Recovery	=	141.22%
	Target Compounds			
2) M	NITROGLYCERINE	21.41	33914195	19.489 PPM

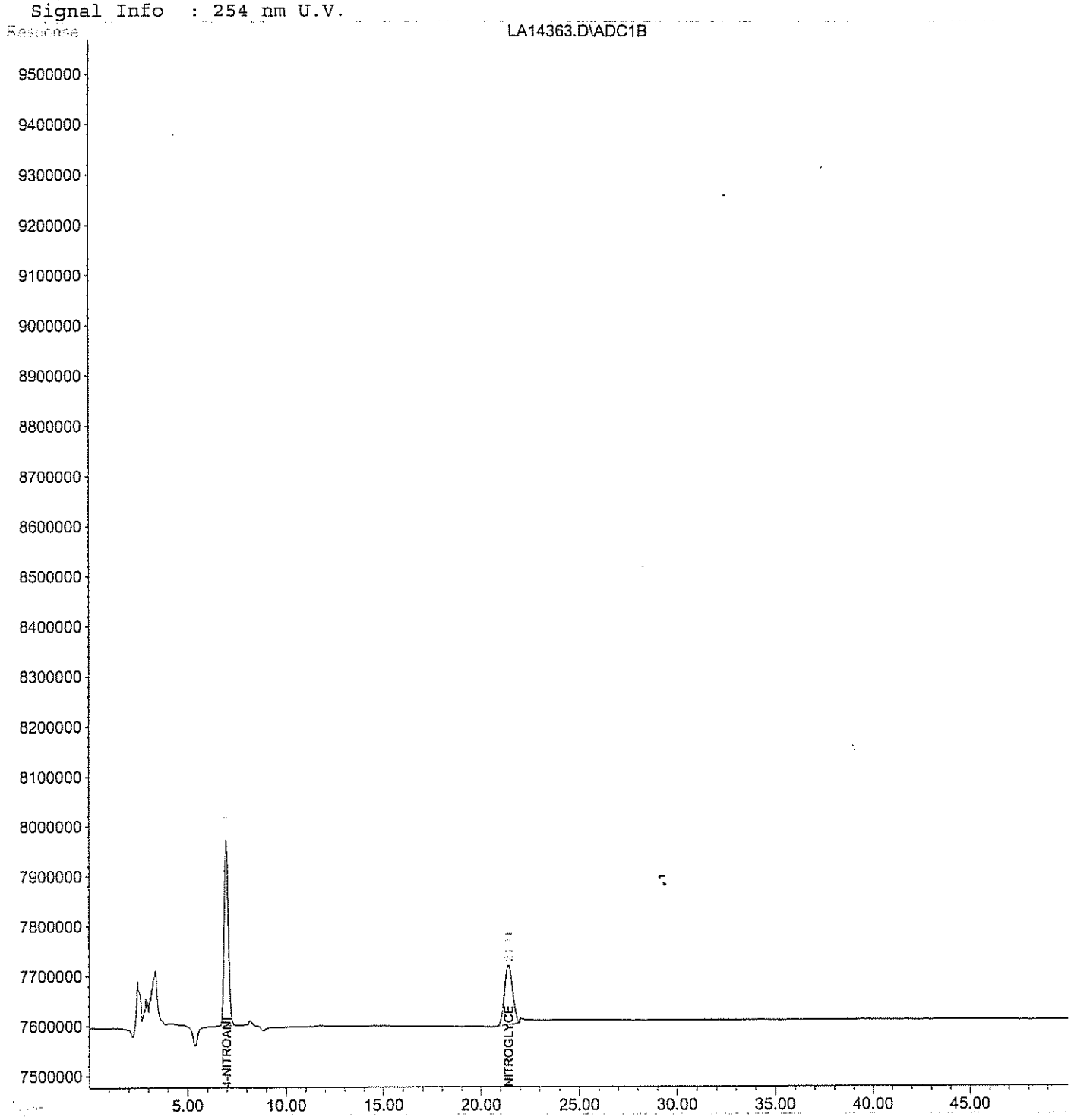
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14363.D Vial: 5
Acq On : 7 Jun 2006 15:27 Operator: SS
Sample : 8330NG-LEV 4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14364.D Vial: 6
Acq On : 7 Jun 2006 17:31 Operator: SS
Sample : 8330NG-LEV 5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:57 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.97	141957833	1116.848 PPB
Spiked Amount 300.000		Recovery =	372.28%
Target Compounds			
2) M NITROGLYCERINE	21.39	95433920	55.439 PPM

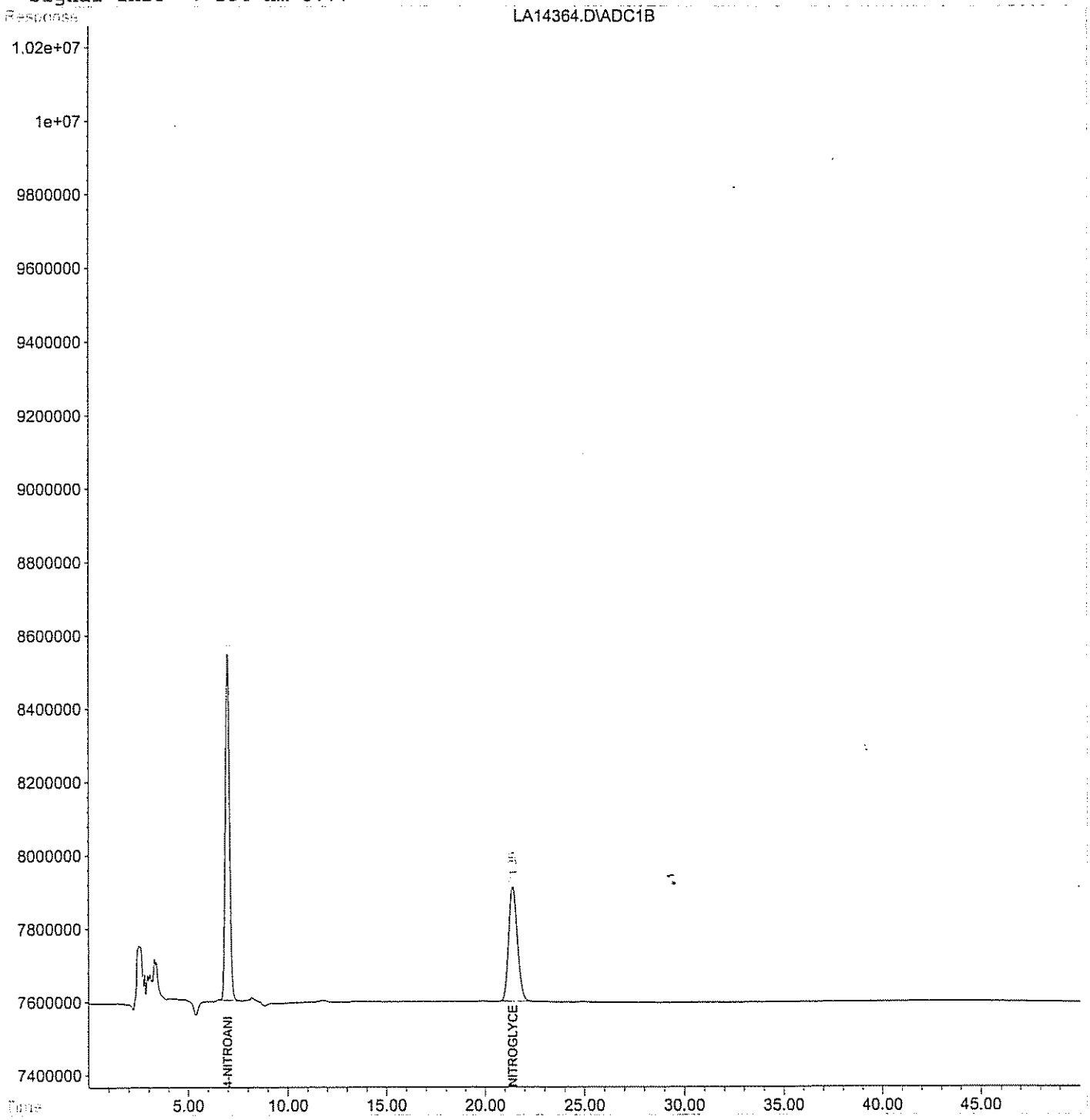
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14364.D Vial: 6
Acq On : 7 Jun 2006 17:31 Operator: SS
Sample : 8330NG-LEV 5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:57 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14365.D Vial: 7
Acq On : 7 Jun 2006 18:26 Operator: SS
Sample : 8330NG- ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:58 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.98	28759051	234.599 PPB m
Spiked Amount 300.000		Recovery =	78.20%
Target Compounds			
2) M NITROGLYCERINE	21.41	18939480	10.760 PPM

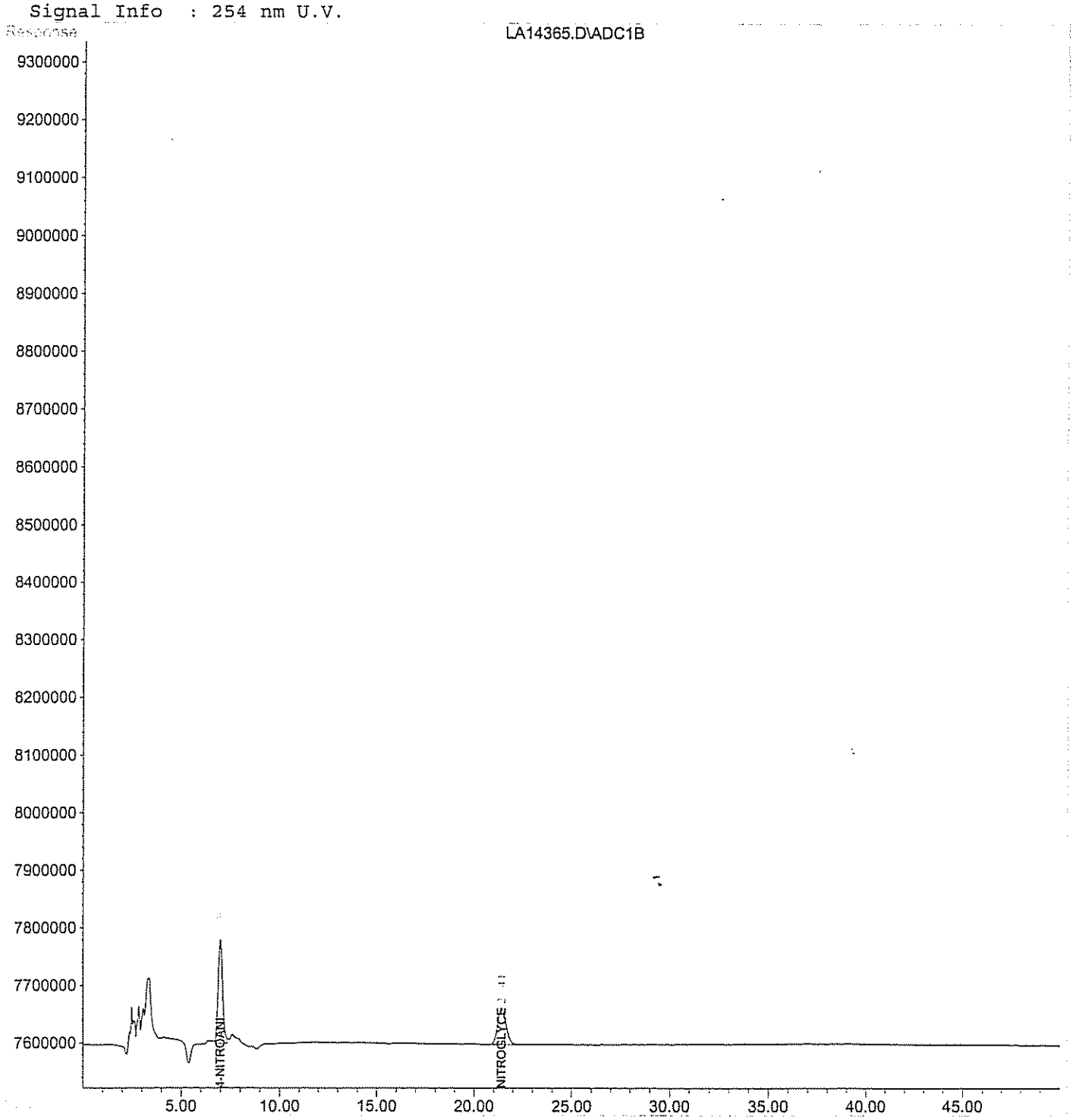
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14365.D Vial: 7
Acq On : 7 Jun 2006 18:26 Operator: SS
Sample : 8330NG- ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:58 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 22 11:20:32 2006
Response via : Initial Calibration

Continuing Calibration File: LA16294.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF		%Dev	Area%
1 S	4-NITROANILINE	122.588	111.998	E3	8.6	96
2 M	NITROGLYCERINE	1.760	1.842	E6	-4.7	101

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16294.D 60607NG.M Fri Sep 22 11:20:35 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16294.D Vial: 67
Acq On : 20 Sep 2006 8:01 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	27999520	228.404	PPB	
Spiked Amount 300.000		Recovery =	76.13%		
Target Compounds					
2) M NITROGLYCERINE	23.04	18422607	10.466	PPM	m

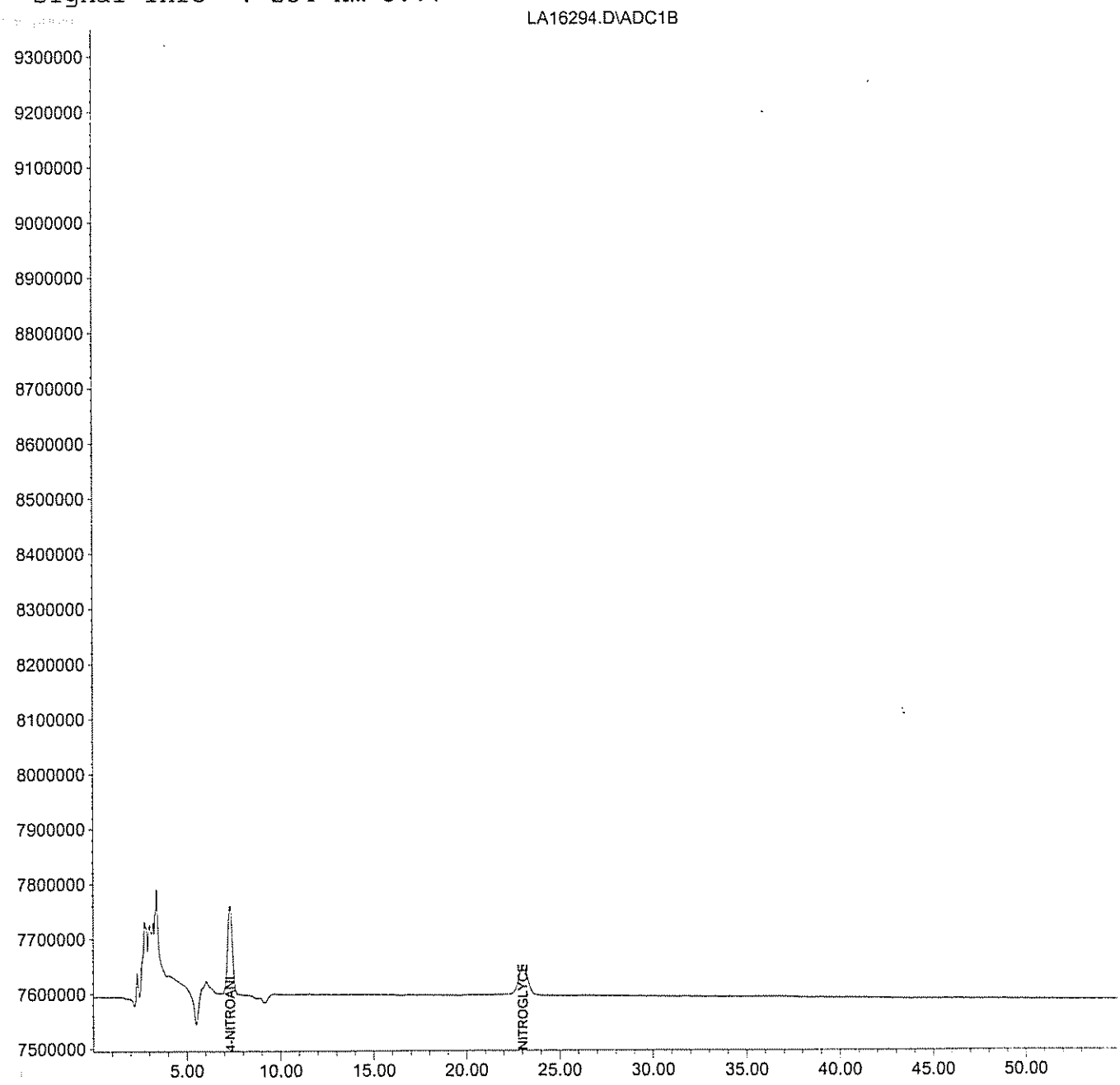
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16294.D Vial: 67
Acq On : 20 Sep 2006 8:01 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16294.D 60607NG.M Fri Sep 22 11:20:38 2006 1 Page 2

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 22 11:32:20 2006
Response via : Initial Calibration

Continuing Calibration File: LA16281.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	122.588	106.921	E3	12.8	91
2	M	NITROGLYCERINE	1.760	2.015	E6	-14.5	110

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16281.D 60607NG.M Fri Sep 22 11:32:22 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16281.D Vial: 54
Acq On : 19 Sep 2006 7:07 pm Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	26730325	218.050	PPB	m
Spiked Amount 300.000		Recovery = 72.68%			
Target Compounds					
2) M NITROGLYCERINE	23.04	20154324	11.450	PPM	m

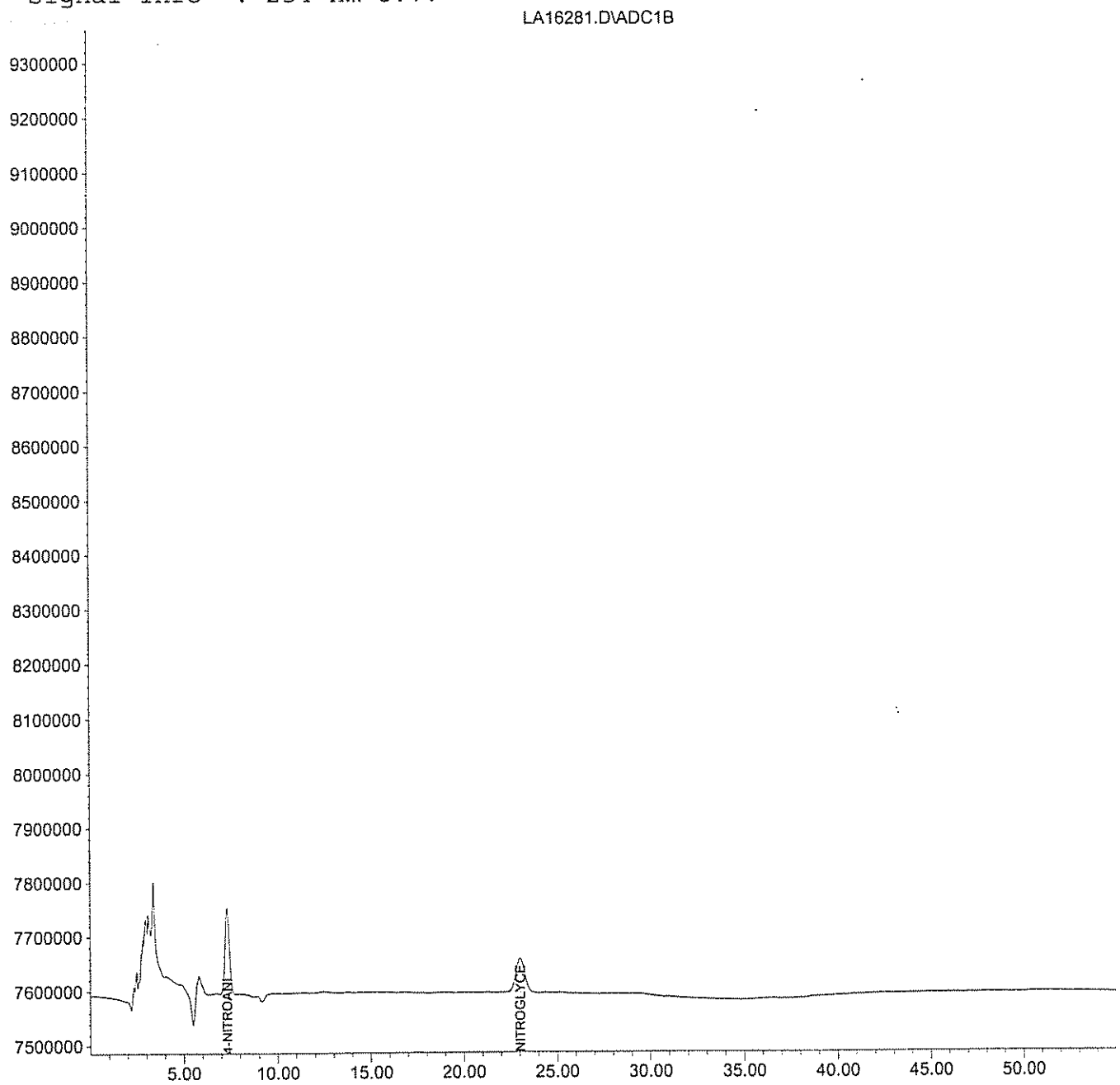
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16281.D Vial: 54
Acq On : 19 Sep 2006 7:07 pm Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16281.D 60607NG.M Fri Sep 22 11:00:07 2006 1 Page 2

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 22 11:32:09 2006
Response via : Initial Calibration

Continuing Calibration File: LA16268.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF		%Dev	Area%
1 S	4-NITROANILINE	122.588	105.632	E3	13.8	90
2 M	NITROGLYCERINE	1.760	1.882	E6	-6.9	103

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16268.D 60607NG.M Fri Sep 22 11:32:11 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16268.D Vial: 41
Acq On : 19 Sep 2006 2:22 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 9:42 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.30	26407878	215.420	PPB	
Spiked Amount 300.000	Recovery = 71.81%				
Target Compounds					
2) M NITROGLYCERINE	22.99	18822138	10.693	PPM	m

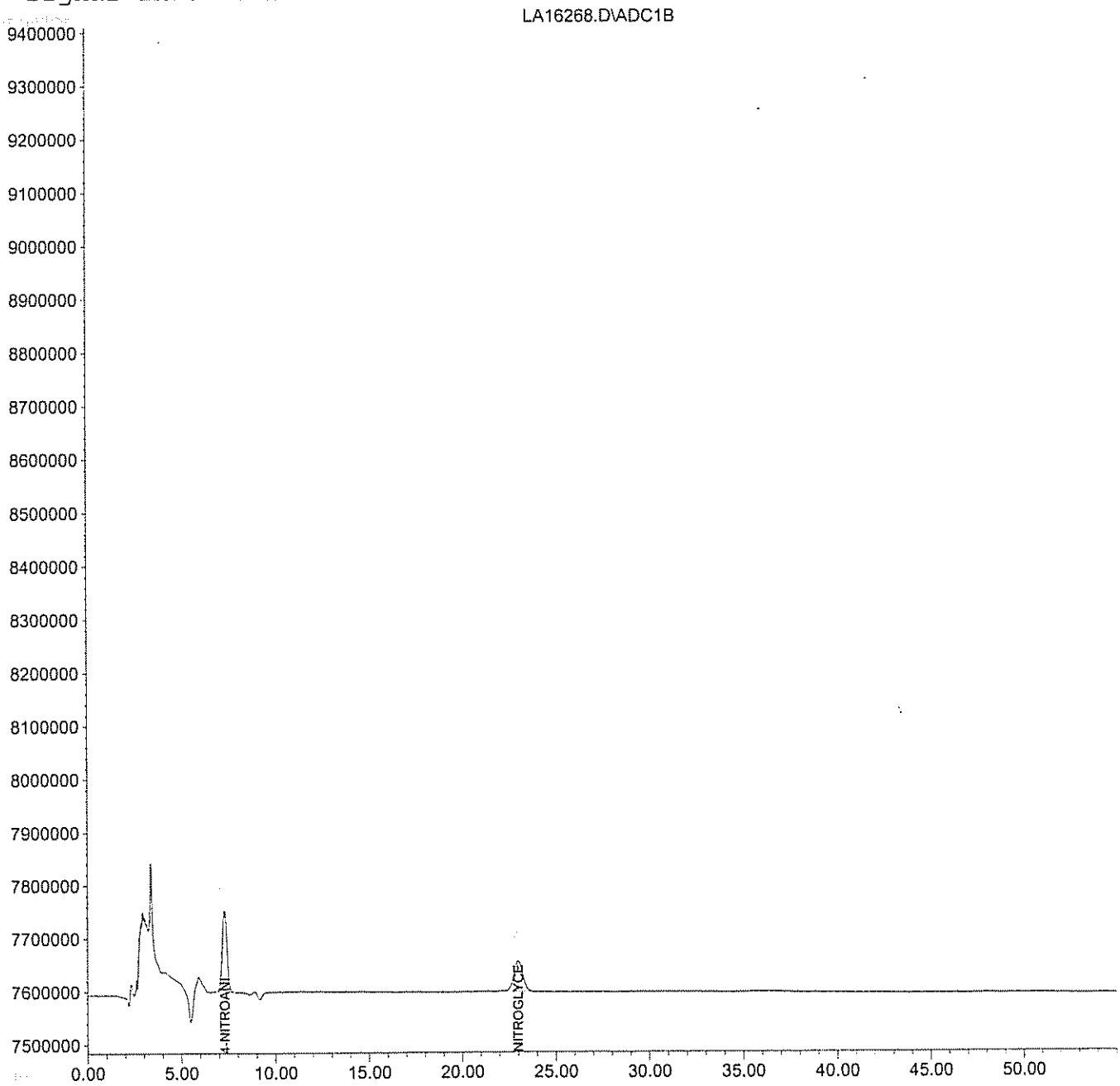
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16268.D Vial: 41
Acq On : 19 Sep 2006 2:22 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 9:42 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 22 11:31:32 2006
Response via : Initial Calibration

Continuing Calibration File: LA16255.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	122.588	108.197	E3	11.7	92
2	M	NITROGLYCERINE	1.760	1.872	E6	-6.3	102

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16255.D 60607NG.M Fri Sep 22 11:31:59 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16255.D Vial: 28
Acq On : 18 Sep 2006 10:51 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 18 14:27 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	7.32	27049287	220.652 PPB
Spiked Amount	300.000	Recovery	=	73.55%
	Target Compounds			
2) M	NITROGLYCERINE	23.01	18715803	10.633 PPM

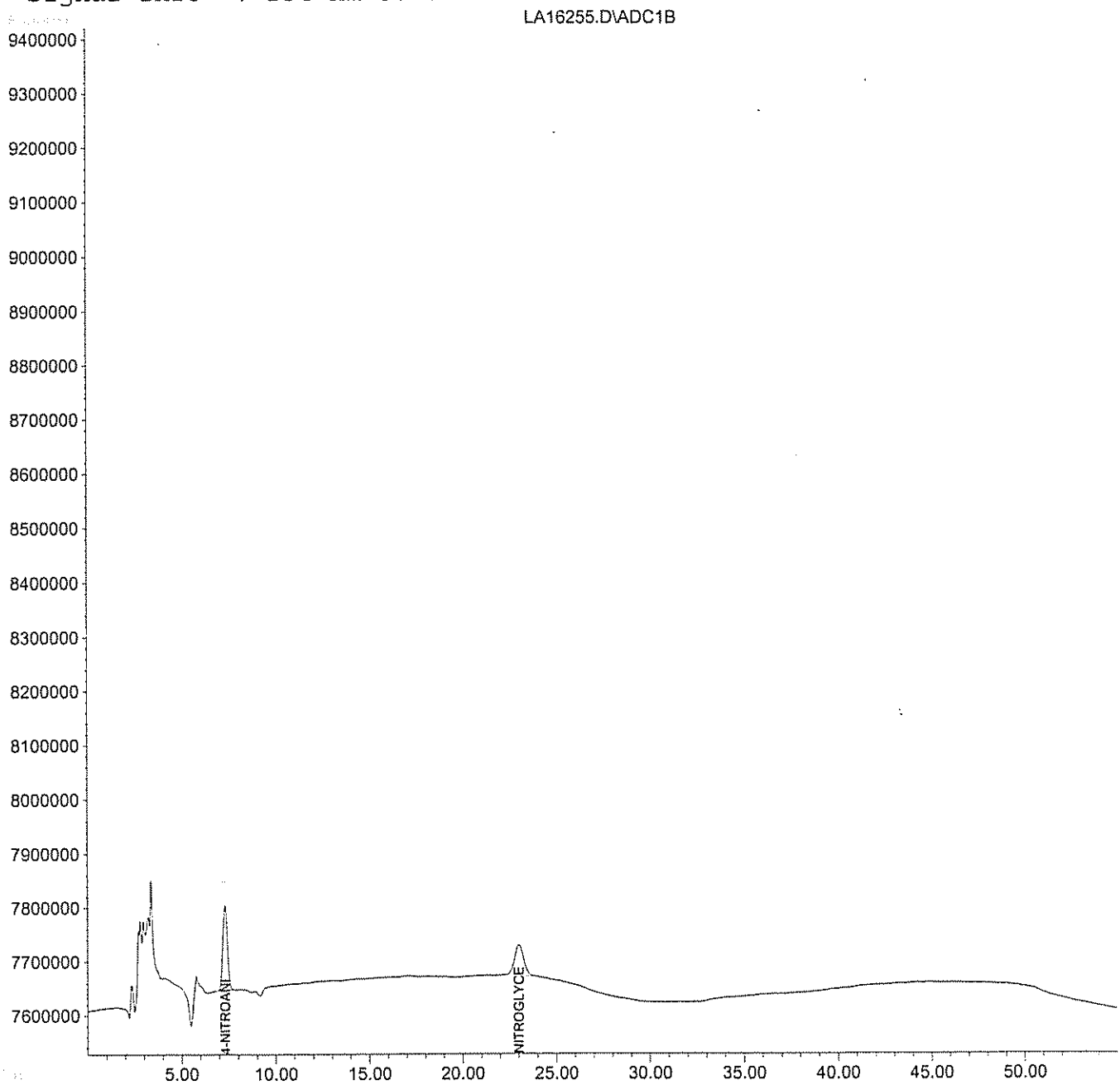
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16255.D Vial: 28
Acq On : 18 Sep 2006 10:51 am Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 18 14:27 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16255.D 60607NG.M Fri Sep 22 10:59:09 2006 1 Page 2

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 22 11:18:58 2006
Response via : Initial Calibration

Continuing Calibration File: LA16293.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	126.745	E3	-2.8	104
2	S	4-Nitroaniline	130.787	127.151	E3	2.8	100
3	T	1,3,5-Trinitrobenzene	347.033	368.646	E3	-6.2	104
4	T	Tetryl	247.222	269.847	E3	-9.2	102
5	T	2,4,6-Trinitrotoluene	341.474	350.480	E3	-2.6	102
6	T	4-Amino-2,6-Dinitrotoluene	246.017	240.114	E3	2.4	101
7	T	2,6-Dinitrotoluene	223.886	248.042	E3	-10.8	111
8	T	4-Nitrotoluene	204.473	196.434	E3	3.9	101
9	M	RDX	164.196	158.185	E3	3.7	96
10	M	1,3-Dinitrobenzene	516.125	514.713	E3	0.3	99
11	M	Nitrobenzene	371.276	359.014	E3	3.3	99
12	M	2-Amino-4,6-Dinitrotoluene	360.921	359.054	E3	0.5	100
13	M	2,4-Dinitrotoluene	529.845	499.053	E3	5.8	96
14	M	2-Nitrotoluene	231.221	228.704	E3	1.1	101
15	M	3-Nitrotoluene	255.063	246.975	E3	3.2	100

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16293.D 67258330.M Fri Sep 22 11:19:01 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16293.D Vial: 66
Acq On : 20 Sep 2006 7:01 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:45 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.33	63575740	486.101	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	162.03%#	
		Target Compounds				
1)	T	HMX	4.71	63372397	514.085	ng/ml
3)	T	1,3,5-Trinitrobenzene	14.02	92161377	265.569	ng/ml
4)	T	Tetryl	20.99	134923529	545.758	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.63	87619889	256.593	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.69	60028435	244.002	ng/ml
7)	T	2,6-Dinitrotoluene	32.56	62010551	276.974	ng/ml
8)	T	4-Nitrotoluene	45.74	98216920	480.342	ng/ml
9)	M	RDX	9.34	79092627	481.696	ng/ml
10)	M	1,3-Dinitrobenzene	18.80	128678199	249.316	ng/ml
11)	M	Nitrobenzene	22.95	89753379	241.743	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.35	89763396	248.706	ng/ml
13)	M	2,4-Dinitrotoluene	33.69	124763365	235.472	ng/ml
14)	M	2-Nitrotoluene	42.48	114352197	494.559	ng/ml
15)	M	3-Nitrotoluene	49.80	123487251	484.144	ng/ml

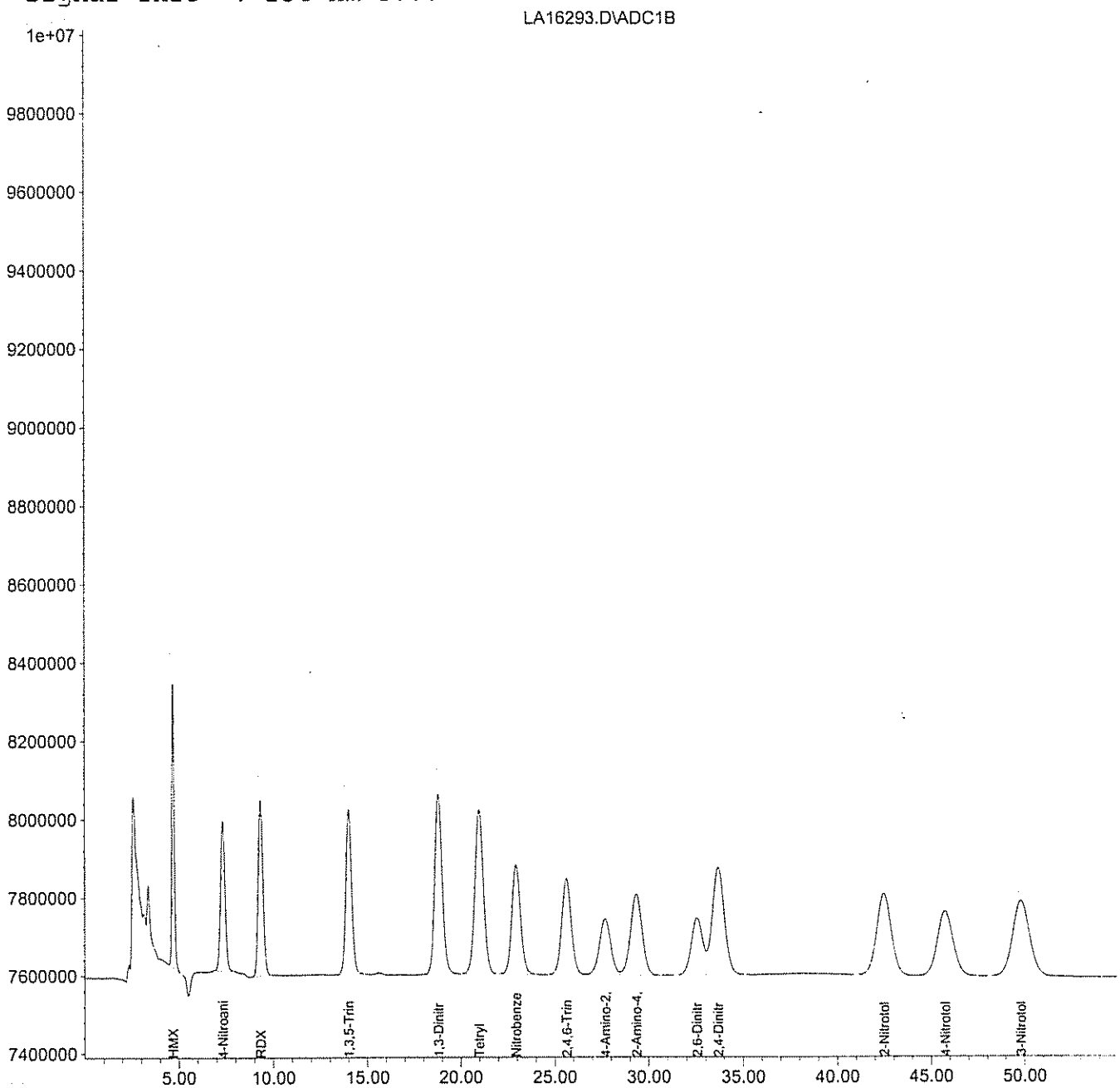
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16293.D Vial: 66
Acq On : 20 Sep 2006 7:01 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:45 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16293.D 67258330.M Fri Sep 22 11:19:07 2006 1 Page 2

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 22 11:29:32 2006
Response via : Initial Calibration

Continuing Calibration File: LA16280.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	130.061	E3	-5.5	106
2	S	4-Nitroaniline	130.787	127.495	E3	2.5	101
3	T	1,3,5-Trinitrobenzene	347.033	373.463	E3	-7.6	105
4	T	Tetryl	247.222	276.868	E3	-12.0	105
5	T	2,4,6-Trinitrotoluene	341.474	358.970	E3	-5.1	104
6	T	4-Amino-2,6-Dinitrotoluene	246.017	250.381	E3	-1.8	105
7	T	2,6-Dinitrotoluene	223.886	248.967	E3	-11.2	112
8	T	4-Nitrotoluene	204.473	202.495	E3	1.0	104
9	M	RDX	164.196	162.506	E3	1.0	99
10	M	1,3-Dinitrobenzene	516.125	523.131	E3	-1.4	101
11	M	Nitrobenzene	371.276	369.395	E3	0.5	101
12	M	2-Amino-4,6-Dinitrotoluene	360.921	368.882	E3	-2.2	102
13	M	2,4-Dinitrotoluene	529.845	512.534	E3	3.3	98
14	M	2-Nitrotoluene	231.221	232.799	E3	-0.7	103
15	M	3-Nitrotoluene	255.063	252.898	E3	0.8	102

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16280.D 67258330.M Fri Sep 22 11:29:35 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16280.D Vial: 53
Acq On : 19 Sep 2006 6:07 pm Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 19:07 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.32	63747369	487.413 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	162.47%#
		Target Compounds			
1)	T	HMX	4.71	65030579	527.537 ng/ml
3)	T	1,3,5-Trinitrobenzene	13.99	93365854	269.040 ng/ml
4)	T	Tetryl	20.90	138433856	559.957 ng/ml
5)	T	2,4,6-Trinitrotoluene	25.56	89742400	262.809 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.59	62595171	254.435 ng/ml
7)	T	2,6-Dinitrotoluene	32.48	62241805	278.007 ng/ml
8)	T	4-Nitrotoluene	45.64	101247652	495.164 ng/ml
9)	M	RDX	9.32	81252795	494.853 ng/ml
10)	M	1,3-Dinitrobenzene	18.74	130782852	253.394 ng/ml
11)	M	Nitrobenzene	22.89	92348866	248.734 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.24	92220539	255.514 ng/ml
13)	M	2,4-Dinitrotoluene	33.61	128133396	241.832 ng/ml
14)	M	2-Nitrotoluene	42.38	116399277	503.412 ng/ml
15)	M	3-Nitrotoluene	49.69	126449147	495.756 ng/ml

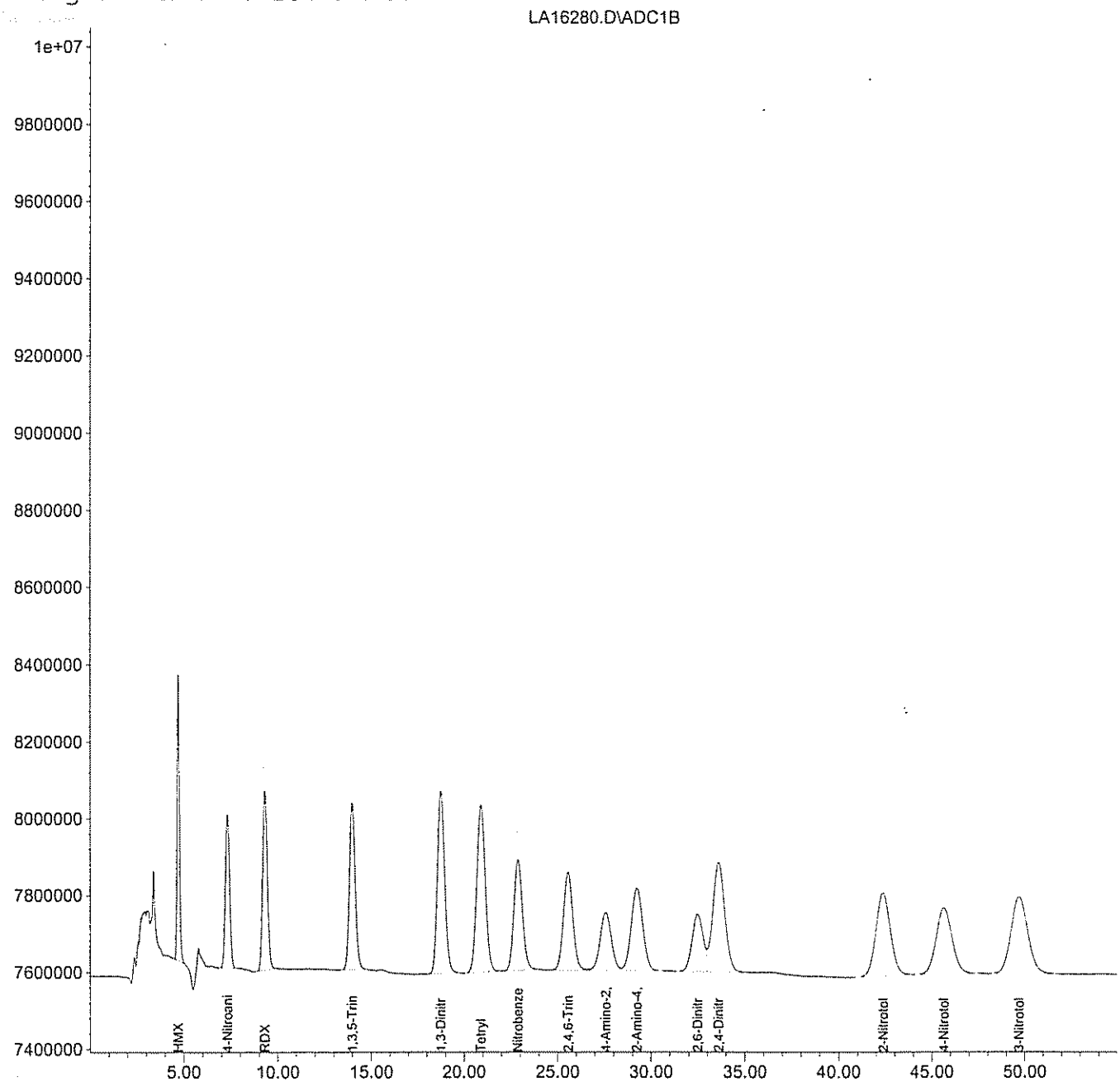
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16280.D Vial: 53
Acq On : 19 Sep 2006 6:07 pm Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 19:07 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16280.D 67258330.M Fri Sep 22 10:54:20 2006 1 Page 2

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 22 11:29:22 2006
Response via : Initial Calibration

Continuing Calibration File: LA16267.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	129.719	E3	-5.2	106
2	S	4-Nitroaniline	130.787	127.095	E3	2.8	100
3	T	1,3,5-Trinitrobenzene	347.033	371.712	E3	-7.1	105
4	T	Tetryl	247.222	277.489	E3	-12.2	105
5	T	2,4,6-Trinitrotoluene	341.474	356.408	E3	-4.4	103
6	T	4-Amino-2,6-Dinitrotoluene	246.017	247.990	E3	-0.8	104
7	T	2,6-Dinitrotoluene	223.886	250.847	E3	-12.0	113
8	T	4-Nitrotoluene	204.473	200.737	E3	1.8	103
9	M	RDX	164.196	159.561	E3	2.8	97
10	M	1,3-Dinitrobenzene	516.125	525.727	E3	-1.9	101
11	M	Nitrobenzene	371.276	366.838	E3	1.2	101
12	M	2-Amino-4,6-Dinitrotoluene	360.921	367.989	E3	-2.0	102
13	M	2,4-Dinitrotoluene	529.845	515.018	E3	2.8	99
14	M	2-Nitrotoluene	231.221	234.867	E3	-1.6	104
15	M	3-Nitrotoluene	255.063	252.723	E3	0.9	102

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16267.D 67258330.M Fri Sep 22 11:29:25 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16267.D Vial: 40
Acq On : 19 Sep 2006 1:22 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 9:41 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
2) S	4-Nitroaniline	7.31	63547500	485.885	ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	161.96%#	
	Target Compounds				
1) T	HMX	4.70	64859651	526.150	ng/ml
3) T	1,3,5-Trinitrobenzene	13.98	92927918	267.778	ng/ml
4) T	Tetryl	20.89	138744724	561.214	ng/ml
5) T	2,4,6-Trinitrotoluene	25.54	89101998	260.933	ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	27.53	61997525	252.006	ng/ml
7) T	2,6-Dinitrotoluene	32.42	62711768	280.106	ng/ml
8) T	4-Nitrotoluene	45.55	100368514	490.864	ng/ml
9) M	RDX	9.30	79780559	485.886	ng/ml
10) M	1,3-Dinitrobenzene	18.74	131431857	254.651	ng/ml
11) M	Nitrobenzene	22.87	91709477	247.012	ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	29.17	91997278	254.896	ng/ml
13) M	2,4-Dinitrotoluene	33.55	128754384	243.004	ng/ml
14) M	2-Nitrotoluene	42.31	117433535	507.885	ng/ml
15) M	3-Nitrotoluene	49.60	126361469	495.412	ng/ml

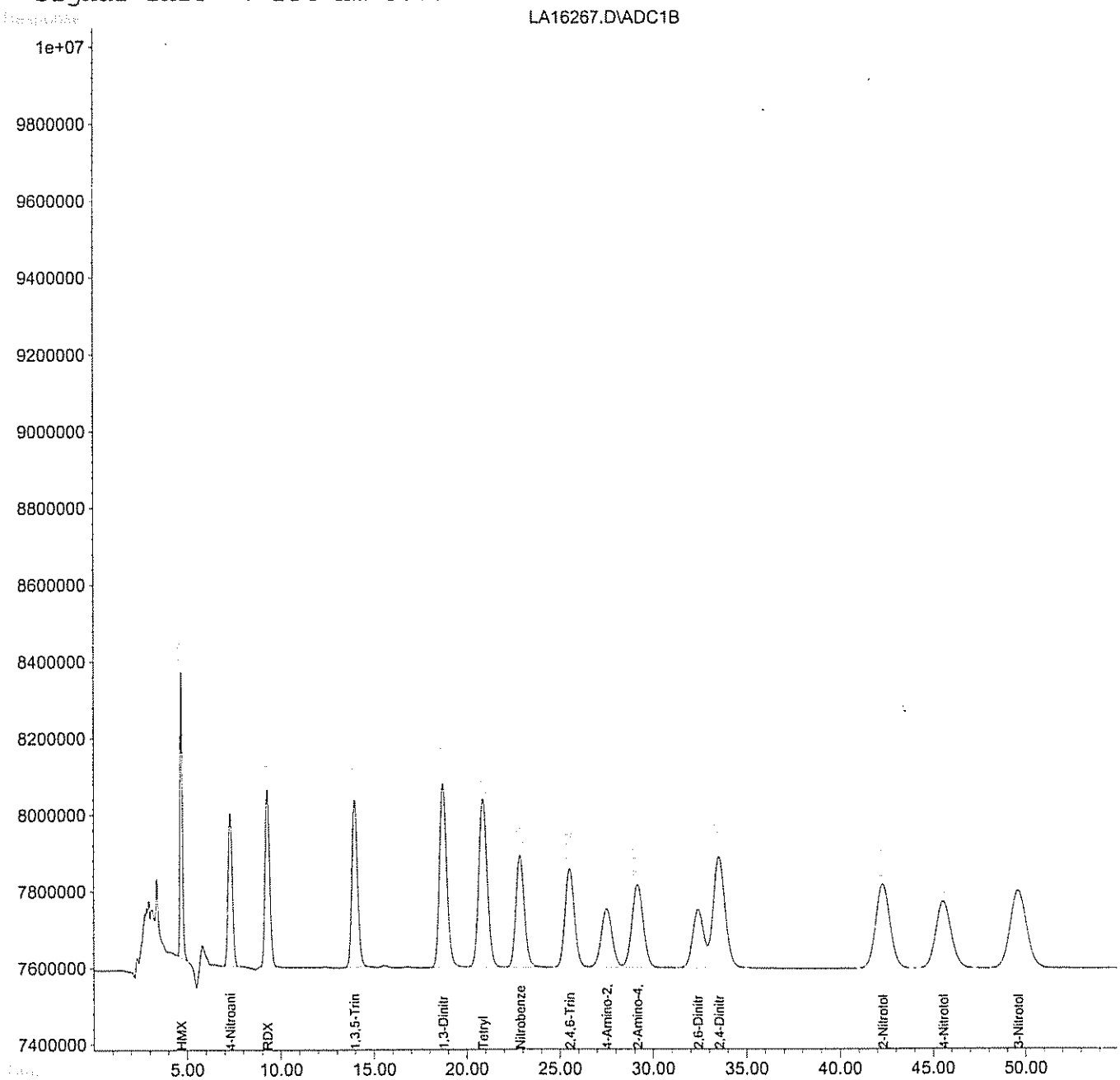
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16267.D Vial: 40
Acq On : 19 Sep 2006 1:22 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 9:41 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 22 11:29:08 2006
Response via : Initial Calibration

Continuing Calibration File: LA16254.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	130.900	E3	-6.2	107
2	S	4-Nitroaniline	130.787	127.472	E3	2.5	101
3	T	1,3,5-Trinitrobenzene	347.033	373.589	E3	-7.7	106
4	T	Tetryl	247.222	276.326	E3	-11.8	105
5	T	2,4,6-Trinitrotoluene	341.474	352.586	E3	-3.3	102
6	T	4-Amino-2,6-Dinitrotoluene	246.017	236.571	E3	3.8	100
7	T	2,6-Dinitrotoluene	223.886	248.465	E3	-11.0	112
8	T	4-Nitrotoluene	204.473	225.712	E3	-10.4	116
9	M	RDX	164.196	162.260	E3	1.2	98
10	M	1,3-Dinitrobenzene	516.125	522.724	E3	-1.3	101
11	M	Nitrobenzene	371.276	363.787	E3	2.0	100
12	M	2-Amino-4,6-Dinitrotoluene	360.921	362.648	E3	-0.5	101
13	M	2,4-Dinitrotoluene	529.845	512.608	E3	3.3	98
14	M	2-Nitrotoluene	231.221	234.737	E3	-1.5	104
15	M	3-Nitrotoluene	255.063	243.257	E3	4.6	98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16254.D 67258330.M Fri Sep 22 11:29:12 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16254.D Vial: 27
Acq On : 18 Sep 2006 9:52 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 18 14:26 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	7.31	63736240	487.328 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	162.44%#
	Target Compounds			
1) T	HMX	4.70	65450099	530.940 ng/ml
3) T	1,3,5-Trinitrobenzene	13.98	93397294	269.131 ng/ml
4) T	Tetryl	20.89	138163163	558.862 ng/ml
5) T	2,4,6-Trinitrotoluene	25.55	88146553	258.135 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	27.56	59142832	240.402 ng/ml
7) T	2,6-Dinitrotoluene	32.46	62116354	277.447 ng/ml
8) T	4-Nitrotoluene	45.61	112855973	551.936 ng/ml
9) M	RDX	9.30	81130122	494.105 ng/ml
10) M	1,3-Dinitrobenzene	18.74	130680944	253.197 ng/ml
11) M	Nitrobenzene	22.88	90946846	244.958 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	29.22	90661980	251.196 ng/ml
13) M	2,4-Dinitrotoluene	33.59	128151948	241.867 ng/ml
14) M	2-Nitrotoluene	42.36	117368341	507.603 ng/ml
15) M	3-Nitrotoluene	49.65	121628368	476.856 ng/ml

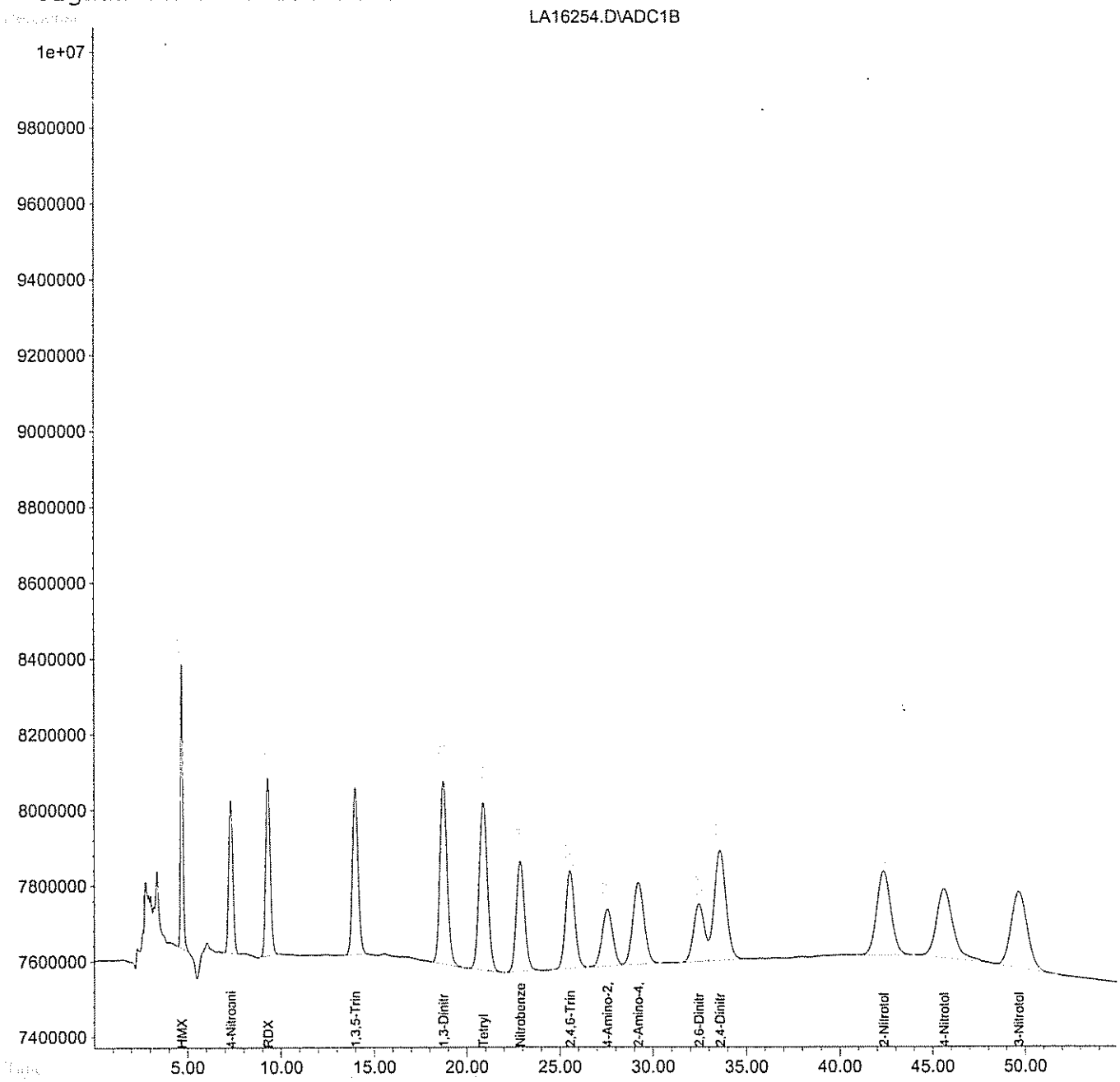
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16254.D Vial: 27
Acq On : 18 Sep 2006 9:52 am Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 18 14:26 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16254.D 67258330.M Fri Sep 22 10:53:04 2006 1 Page 2

Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri Sep 22 11:50:51 2006
Response via : Initial Calibration

Continuing Calibration File: LB36327.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	127.161	E3	6.1	93
2	S	4-Nitroaniline	128.386	114.414	E3	10.9	91
3	T	1,3,5-Trinitrobenzene	369.598	347.513	E3	6.0	97
4	T	Tetryl	269.401	260.162	E3	3.4	100
5	T	2,4,6-Trinitrotoluene	355.309	327.899	E3	7.7	98
6	T	4-Amino-2,6-Dinitrotoluene	618.972	555.402	E3	10.3	92
7	T	2,6-Dinitrotoluene	253.253	237.073	E3	6.4	98
8	T	4-Nitrotoluene	241.692	228.443	E3	5.5	98
9	M	RDX	171.833	157.744	E3	8.2	96
10	M	1,3-Dinitrobenzene	522.129	486.486	E3	6.8	97
11	M	Nitrobenzene	354.921	324.958	E3	8.4	96
12	M	2-Amino-4,6-Dinitrotoluene	615.907	555.402	E3	9.8	92
13	M	2,4-Dinitrotoluene	491.728	464.075	E3	5.6	97
14	M	2-Nitrotoluene	223.086	209.009	E3	6.3	97
15	M	3-Nitrotoluene	194.415	186.934	E3	3.8	99

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36327.D 073006C.M Fri Sep 22 11:50:56 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36327.D Vial: 1
Acq On : 21 Sep 2006 8:23 pm Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:15 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	8.85	57207128	445.587 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	148.53%#
	Target Compounds			
1) T	HMX	15.48f	63580668	469.317 ng/ml
3) T	1,3,5-Trinitrobenzene	28.12	86878148	235.061 ng/ml
4) T	Tetryl	42.53	130080813	482.852 ng/ml
5) T	2,4,6-Trinitrotoluene	38.98	81974707	230.714 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	19.37	138850430	224.324 ng/ml
7) T	2,6-Dinitrotoluene	24.12	59268322	234.028 ng/ml
8) T	4-Nitrotoluene	21.37	114221342	472.591 ng/ml
9) M	RDX	12.72	78871772	459.003 ng/ml
10) M	1,3-Dinitrobenzene	18.18	121621439	232.933 ng/ml
11) M	Nitrobenzene	14.41	81239617	228.895 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	19.37	138850430	225.441 ng/ml
13) M	2,4-Dinitrotoluene	25.45	116018756	235.941 ng/ml
14) M	2-Nitrotoluene	19.96	104504613	468.450 ng/ml
15) M	3-Nitrotoluene	20.50	93467083	480.760 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

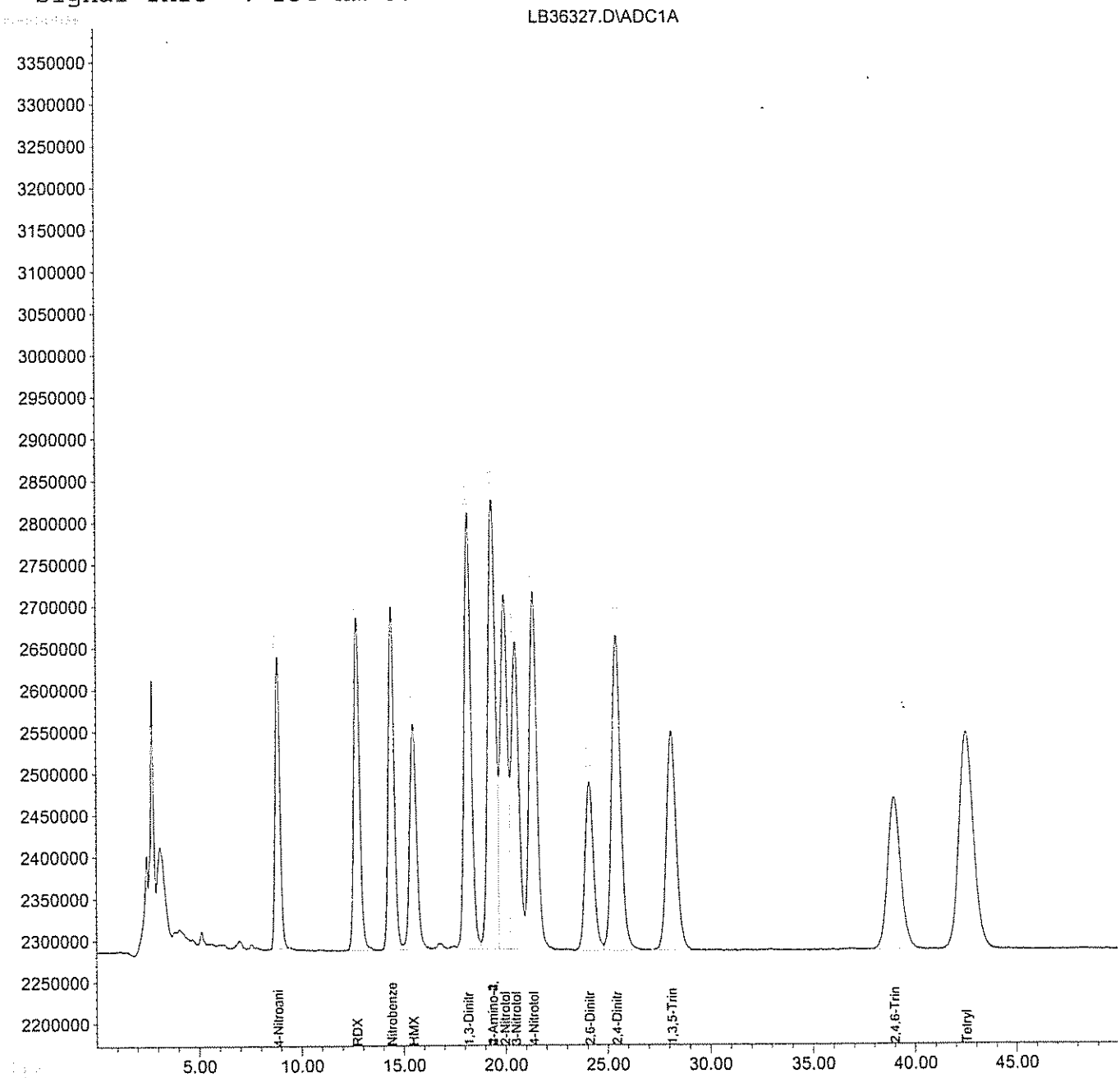
Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36327.D Vial: 1
Acq On : 21 Sep 2006 8:23 pm Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 10:15 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

LB36327.D\ADC1A



LB36327.D 073006C.M Fri Sep 22 11:04:44 2006 1 Page 2

Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri Sep 22 11:51:35 2006
Response via : Initial Calibration

Continuing Calibration File: LB36339.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	133.629	E3	1.4	98
2	S	4-Nitroaniline	128.386	92.378	E3	28.0#	74
3	T	1,3,5-Trinitrobenzene	369.598	351.978	E3	4.8	98
4	T	Tetryl	269.401	239.764	E3	11.0	92
5	T	2,4,6-Trinitrotoluene	355.309	329.078	E3	7.4	99
6	T	4-Amino-2,6-Dinitrotoluene	618.972	528.044	E3	14.7	88
7	T	2,6-Dinitrotoluene	253.253	235.711	E3	6.9	97
8	T	4-Nitrotoluene	241.692	236.514	E3	2.1	101
9	M	RDX	171.833	157.209	E3	8.5	95
10	M	1,3-Dinitrobenzene	522.129	522.431	E3	-0.1	104
11	M	Nitrobenzene	354.921	326.232	E3	8.1	96
12	M	2-Amino-4,6-Dinitrotoluene	615.907	528.044	E3	14.3	88
13	M	2,4-Dinitrotoluene	491.728	498.501	E3	-1.4	105
14	M	2-Nitrotoluene	223.086	222.600	E3	0.2	103
15	M	3-Nitrotoluene	194.415	196.056	E3	-0.8	104

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\LB36339.D Vial: 13
Acq On : 22 Sep 2006 6:38 am Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 11:51 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	8.91	46189138	359.768 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	119.92%
	Target Compounds			
1) T	HMX	15.76	66814458	493.187 ng/ml
3) T	1,3,5-Trinitrobenzene	28.70	87994602	238.082 ng/ml
4) T	Tetryl	43.71	119881800	444.994 ng/ml
5) T	2,4,6-Trinitrotoluene	39.95	82269409	231.543 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	19.67	132010999	213.275 ng/ml
7) T	2,6-Dinitrotoluene	24.50	58927699	232.683 ng/ml
8) T	4-Nitrotoluene	21.62	118256916	489.288 ng/ml
9) M	RDX	12.87	78604359	457.447 ng/ml
10) M	1,3-Dinitrobenzene	18.41	130607791	250.144 ng/ml
11) M	Nitrobenzene	14.54	81557994	229.792 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	19.67	132010999	214.336 ng/ml
13) M	2,4-Dinitrotoluene	25.86	124625322	253.443 ng/ml
14) M	2-Nitrotoluene	20.18	111300019	498.911 ng/ml
15) M	3-Nitrotoluene	20.73	98027970	504.219 ng/ml

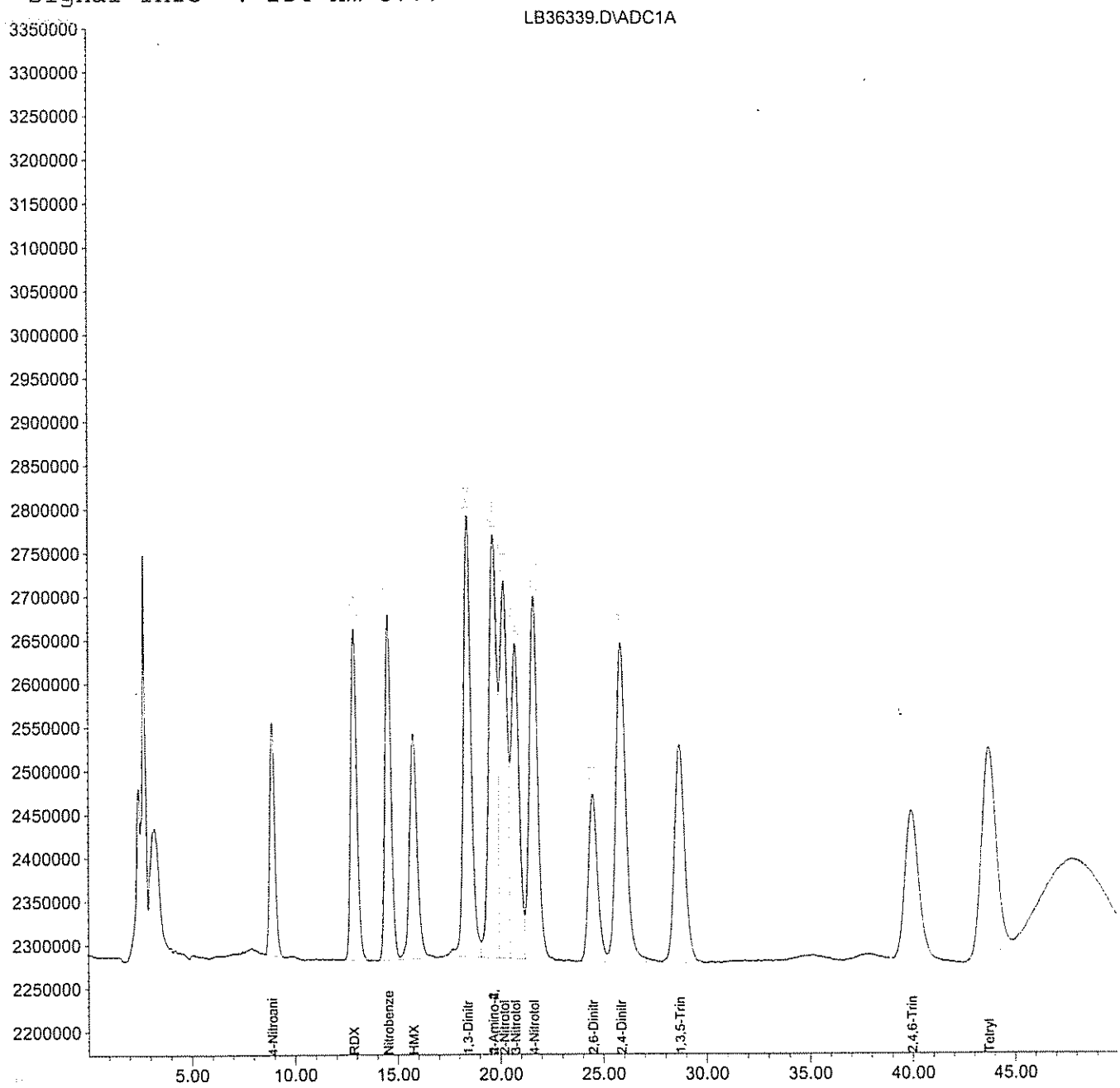
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092106\LB36339.D Vial: 13
Acq On : 22 Sep 2006 6:38 am Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 11:51 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Fri Sep 22 11:50:33 2006
Response via : Initial Calibration

Continuing Calibration File: LB36328.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF		%Dev	Area%
1 S	4-NITROANILINE	104.740	97.092	E3	7.3	95
2 M	NITROGLYCERINE	1.752	1.714	E6	2.2	97

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36328.D 6802NGCO.M Fri Sep 22 11:50:35 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\0921NG\LB36328.D Vial: 2
Acq On : 21 Sep 2006 9:14 pm Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 9:23 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.91	24273052	231.746 PPB
Spiked Amount 300.000		Recovery =	77.25%
Target Compounds			
2) M NITROGLYCERINE	28.81	17135352	9.781 PPM m

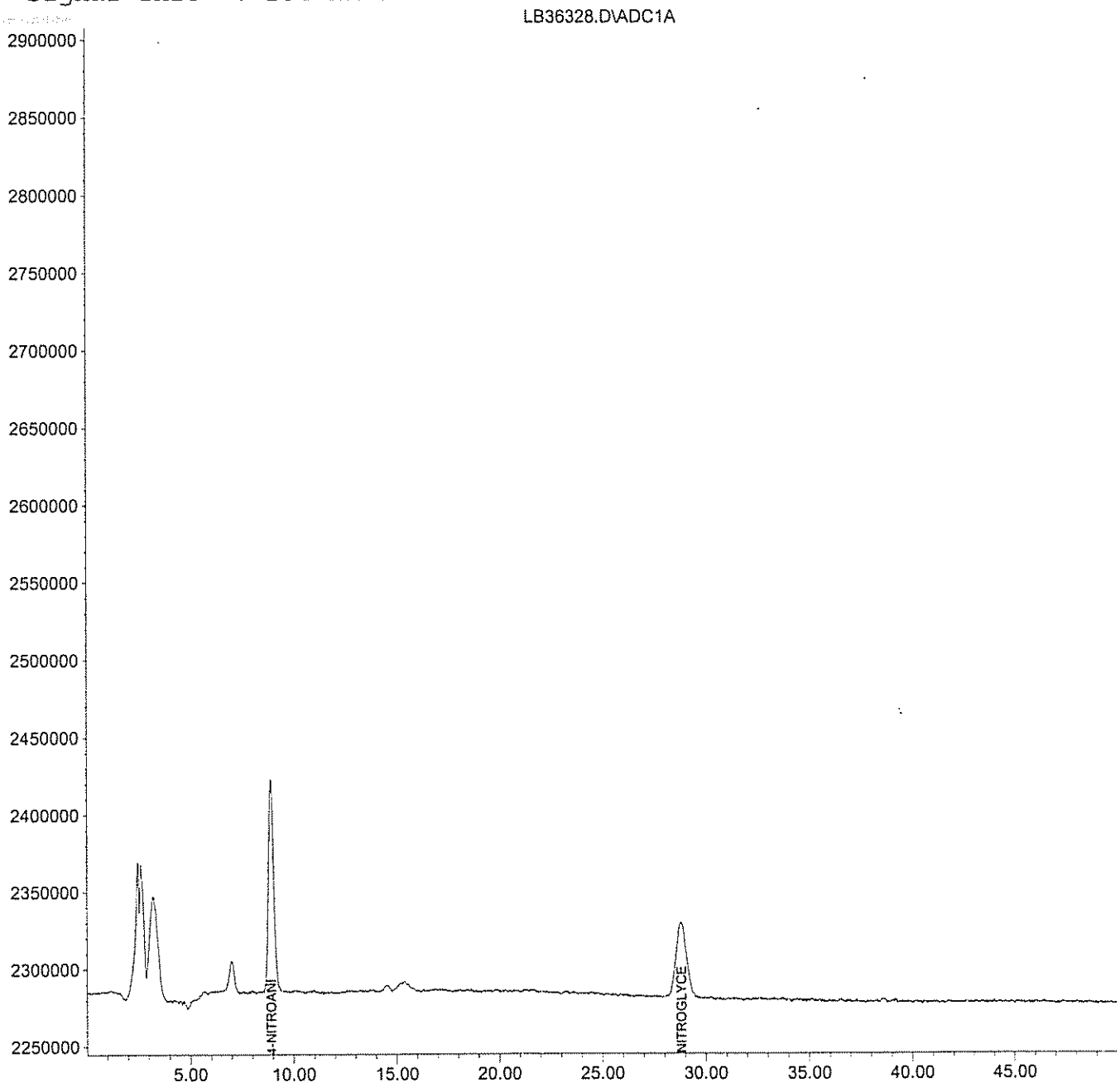
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092106\0921NG\LB36328.D Vial: 2
Acq On : 21 Sep 2006 9:14 pm Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 9:23 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



LB36328.D 6802NGCO.M Fri Sep 22 11:12:59 2006 1 Page 2

Continuing Calibration Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Fri Sep 22 11:50:40 2006
Response via : Initial Calibration

Continuing Calibration File: LB36340.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	104.740	80.809	E3	22.8#	79
2	M	NITROGLYCERINE	1.752	1.879	E6	-7.2	107

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36340.D 6802NGCO.M Fri Sep 22 11:50:42 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092106\0921NG\LB36340.D Vial: 14
Acq On : 22 Sep 2006 7:30 am Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 9:23 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	9.04	20202202	192.879	PPB	m
Spiked Amount 300.000		Recovery =	64.29%		
Target Compounds					
2) M NITROGLYCERINE	29.55f	18788910	10.724	PPM	m

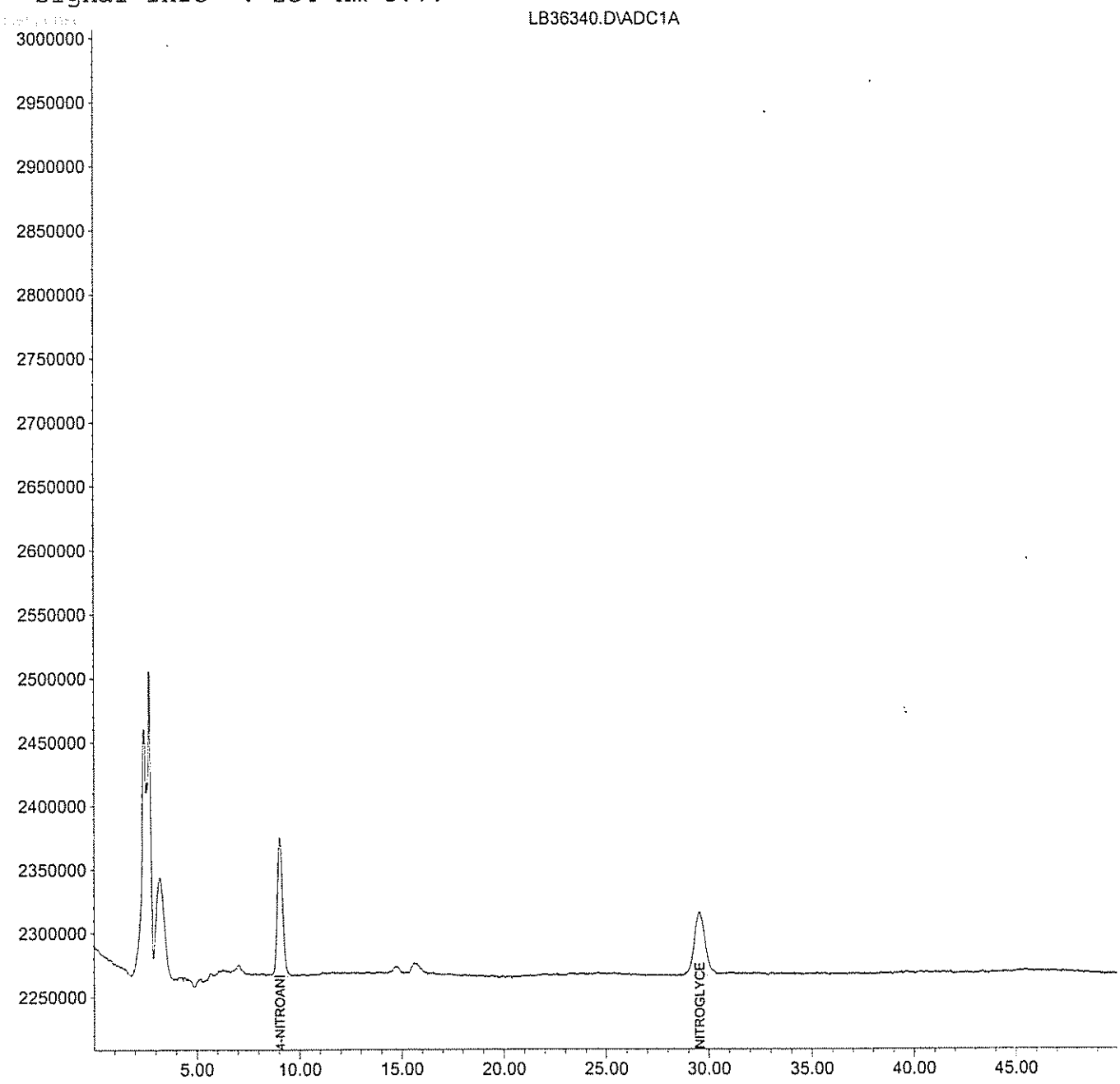
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092106\0921NG\LB36340.D Vial: 14
Acq On : 22 Sep 2006 7:30 am Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 9:23 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



LB36340.D 6802NGCO.M Fri Sep 22 11:13:09 2006 1 Page 2

D. Raw QC Data

1. Blank Data
2. Matrix Spike Data
3. Matrix Spike Duplicate Data
4. Laboratory Control Standard Data (where applicable)
5. Extraction Logsheet
6. Injection Logsheet

GPL Laboratories

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93563

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93563
Sample Volume :	10	Lab File ID :	LA16258.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93568

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93568
Sample Volume :	10	Lab File ID :	LA16258.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16258.D Vial: 31
Acq On : 18 Sep 2006 1:50 pm Operator: AG
Sample : BLK93563 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:24 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.31	21212194	162.189 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery = 108.13%	
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

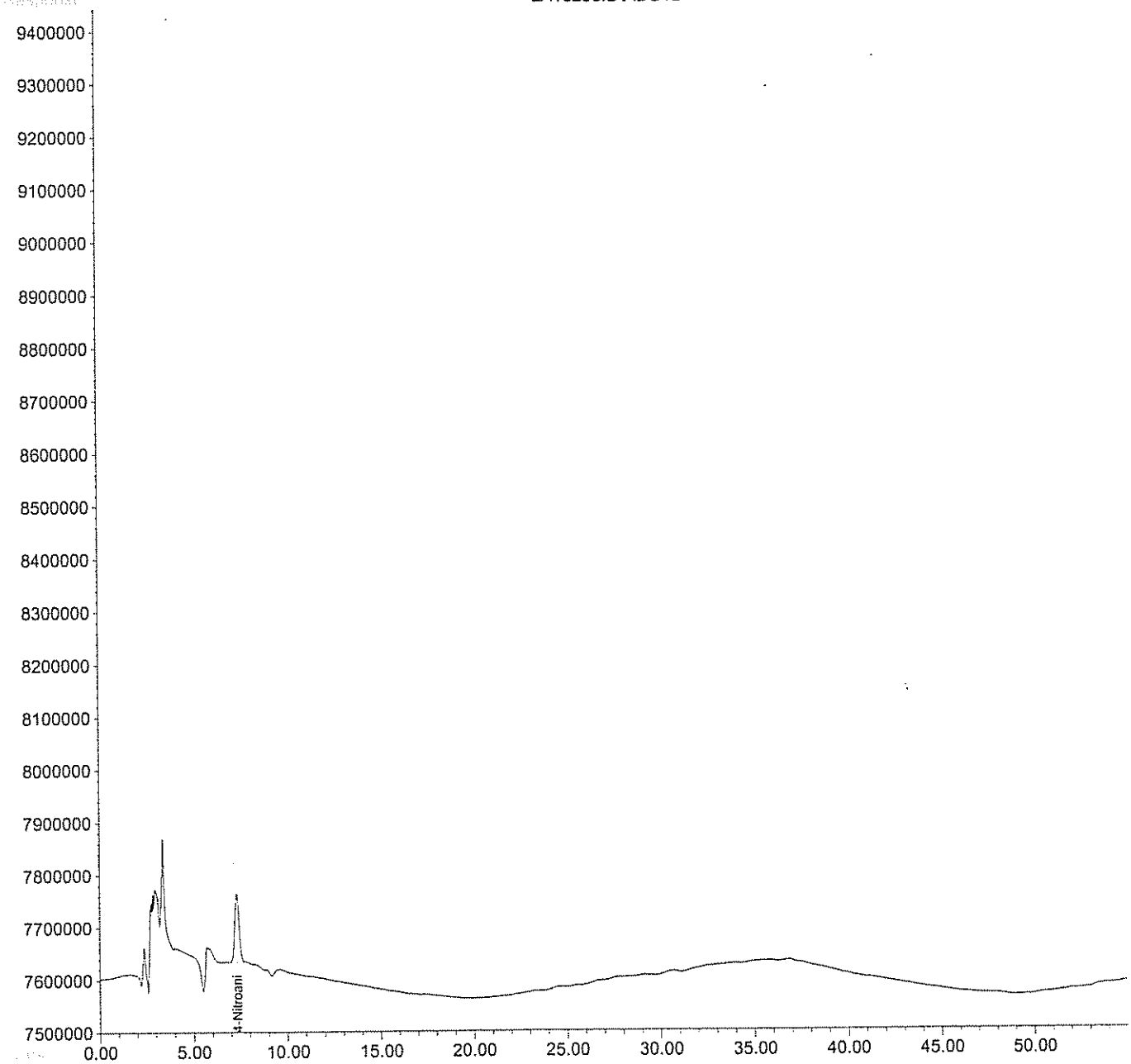
Data File : H:\LCDATA\LCA\091706\LA16258.D
Acq On : 18 Sep 2006 1:50 pm
Sample : BLK93563
Misc : SOIL
IntFile : events.e
Quant Time: Sep 20 9:24 2006 Quant Results File: 67258330.RES

Vial: 31
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16258.D\ADC1B



LA16258.D 67258330.M Fri Sep 22 10:53:09 2006 1 Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16258.D Vial: 31
Acq On : 18 Sep 2006 1:50 pm Operator: AG
Sample : BLK93568 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:08 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.31	20746025	169.234	PPB
Spiked Amount 300.000		Recovery =	56.41%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

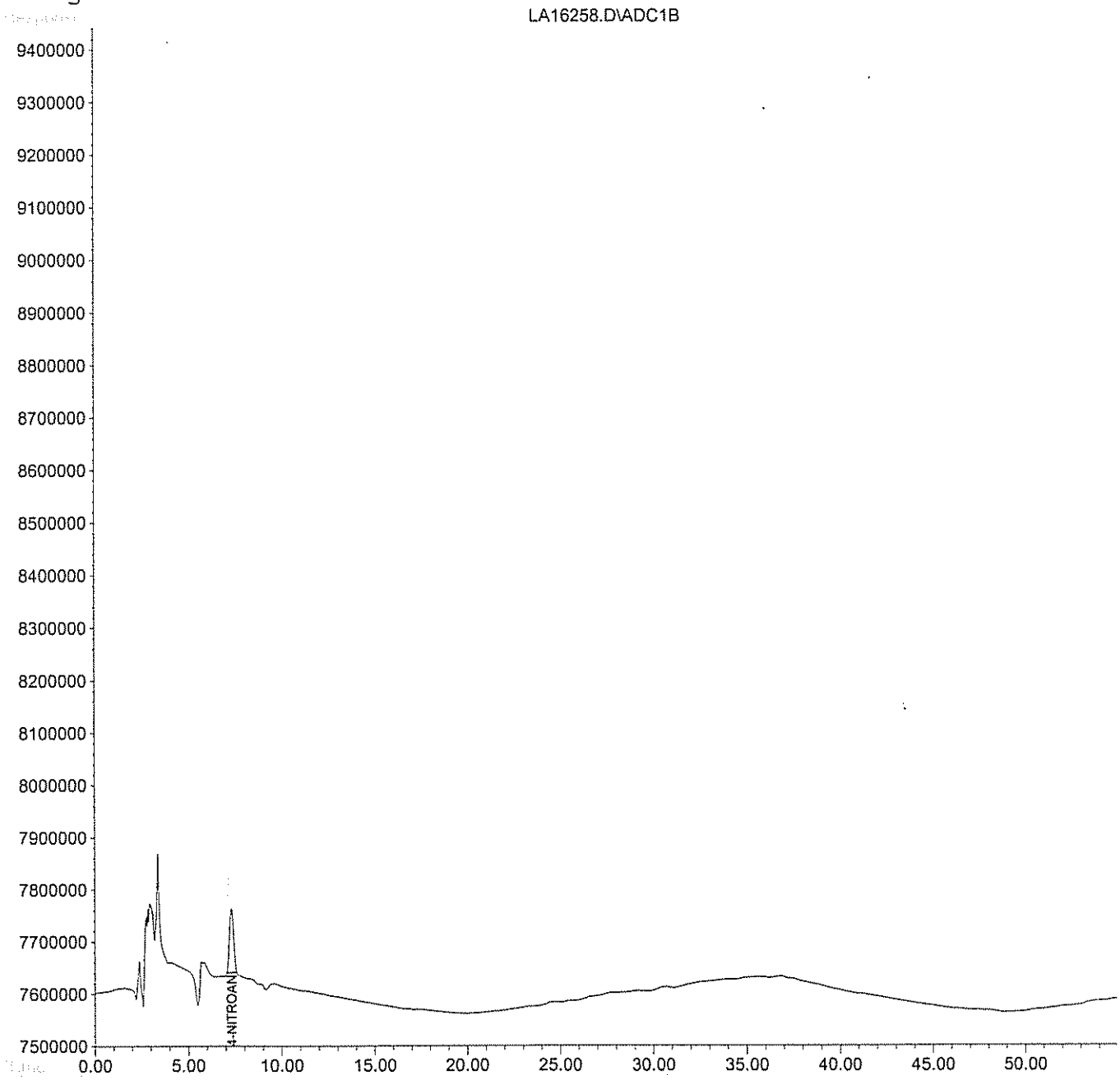
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16258.D Vial: 31
Acq On : 18 Sep 2006 1:50 pm Operator: AG
Sample : BLK93568 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:08 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BKS93568

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93568
Sample Volume :	10	Lab File ID :	LA16262.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	11	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16262.D Vial: 35
Acq On : 18 Sep 2006 8:25 pm Operator: AG
Sample : BKS93568 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:09 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	20627282	168.265	PPB	
Spiked Amount 300.000		Recovery =	56.09%		
Target Compounds					
2) M NITROGLYCERINE	23.03	4721640	2.682	PPM	m

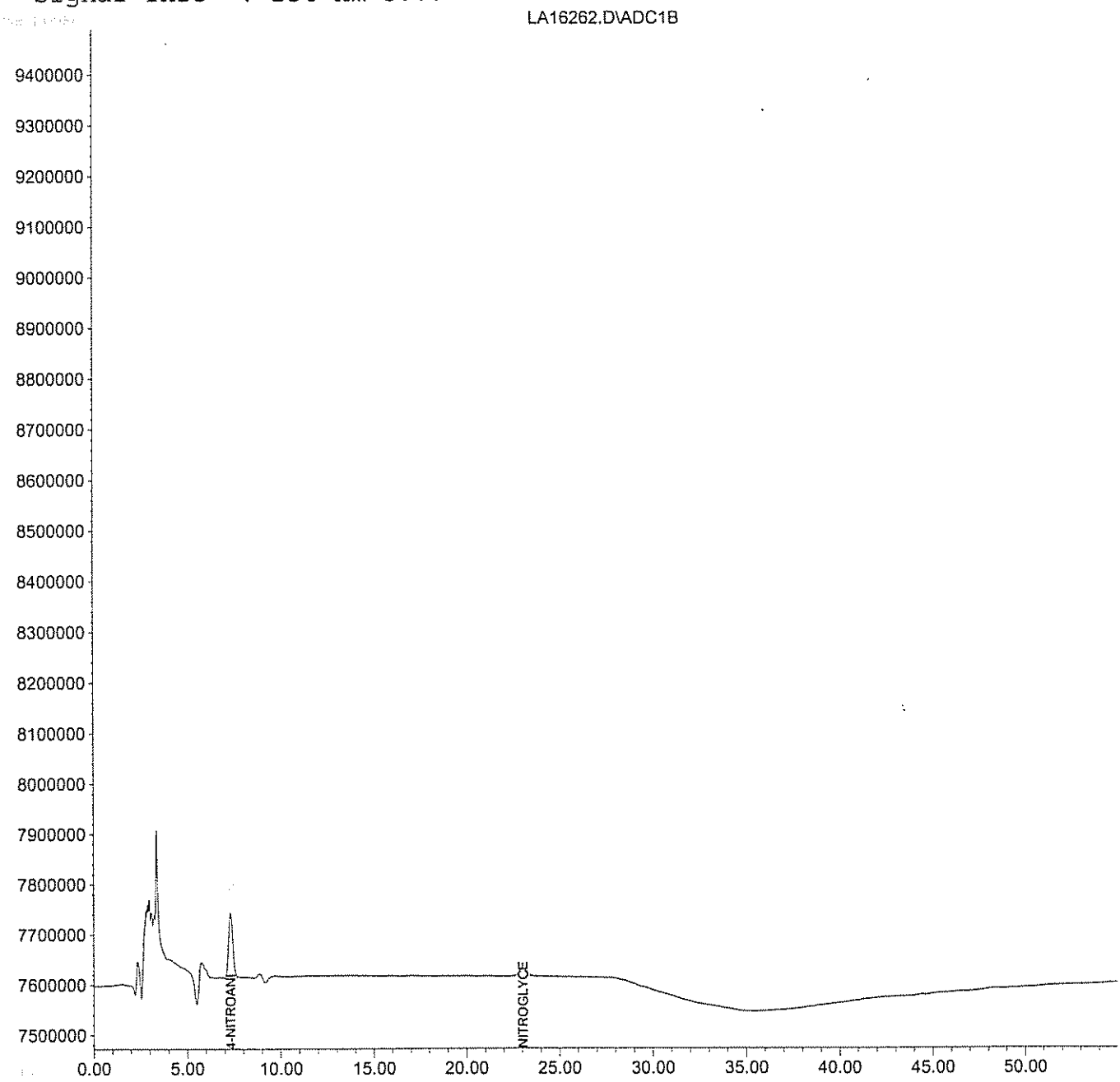
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16262.D Vial: 35
Acq On : 18 Sep 2006 8:25 pm Operator: AG
Sample : BKS93568 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:09 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MS
Sample Volume :	10.02	Lab File ID :	LA16260.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.36	
99-65-0	1,3-Dinitrobenzene	0.39	
118-96-7	2,4,6-Trinitrotoluene	0.40	
121-14-2	2,4-Dinitrotoluene	0.35	
606-20-2	2,6-Dinitrotoluene	0.41	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.37	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.58	
2691-41-0	HMX	0.44	
98-95-3	Nitrobenzene	0.39	
121-82-4	RDX	0.40	
479-45-8	Tetryl	0.36	
99-08-1	m-Nitrotoluene	0.42	
88-72-2	o-Nitrotoluene	0.45	
99-99-0	p-Nitrotoluene	0.41	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16260.D Vial: 33
Acq On : 18 Sep 2006 3:49 pm Operator: AG
Sample : 608163-001-001-1/1MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:27 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.33	14870881	113.703 ng/mlm
Spiked Amount		150.000	Range 52 - 154	Recovery =	75.80%
		Target Compounds			
1)	T	HMX	4.70	13607399	110.385 ng/ml
3)	T	1,3,5-Trinitrobenzene	14.03	31656861	91.221 ng/ml
4)	T	Tetryl	21.00	22502288	91.020 ng/ml
5)	T	2,4,6-Trinitrotoluene	25.61	34667173	101.522 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	27.64	36065511	146.598 ng/mlm
7)	T	2,6-Dinitrotoluene	32.49	23137050	103.343 ng/ml
8)	T	4-Nitrotoluene	45.75	21176344	103.565 ng/mlm
9)	M	RDX	9.33	16571243	100.924 ng/mlm
10)	M	1,3-Dinitrobenzene	18.82	51029637	98.871 ng/ml
11)	M	Nitrobenzene	22.95	36091039	97.208 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.29	33386019	92.502 ng/ml
13)	M	2,4-Dinitrotoluene	33.63	47061955	88.822 ng/ml
14)	M	2-Nitrotoluene	42.48	26139414	113.050 ng/mlm
15)	M	3-Nitrotoluene	49.84	27054515	106.070 ng/mlm

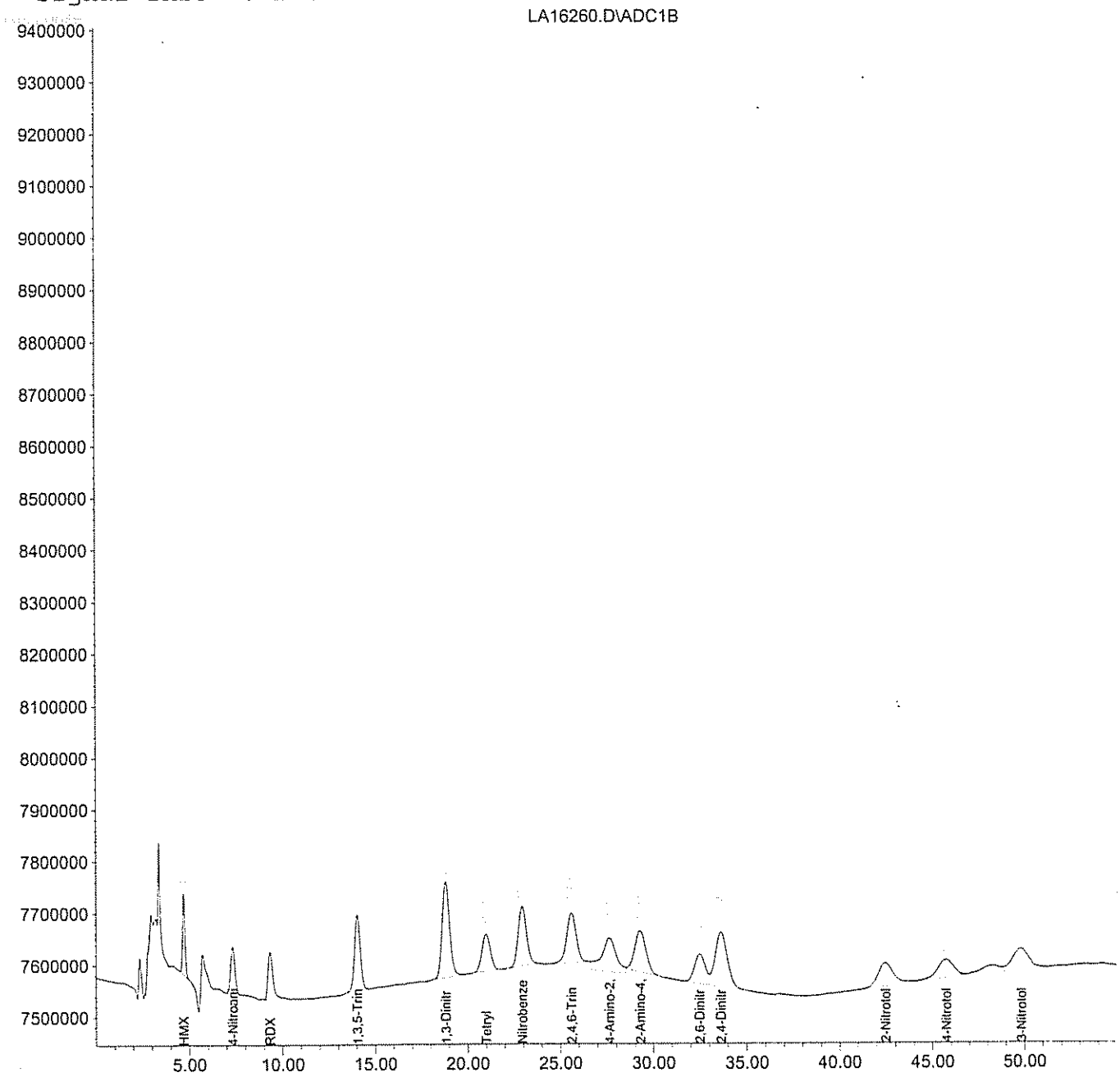
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16260.D Vial: 33
Acq On : 18 Sep 2006 3:49 pm Operator: AG
Sample : 608163-001-001-1/1MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:27 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MSD
Sample Volume :	10.01	Lab File ID :	LA16264.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	10	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16264.D Vial: 37
Acq On : 18 Sep 2006 10:24 pm Operator: AG
Sample : 608163-001-001-1/1MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.33	15902517	129.723	PPB	
Spiked Amount 300.000		Recovery =	43.24%		
Target Compounds					
2) M NITROGLYCERINE	23.09	4404203	2.502	PPM	m

(f)=RT Delta > 1/2 Window (m)=manual int.

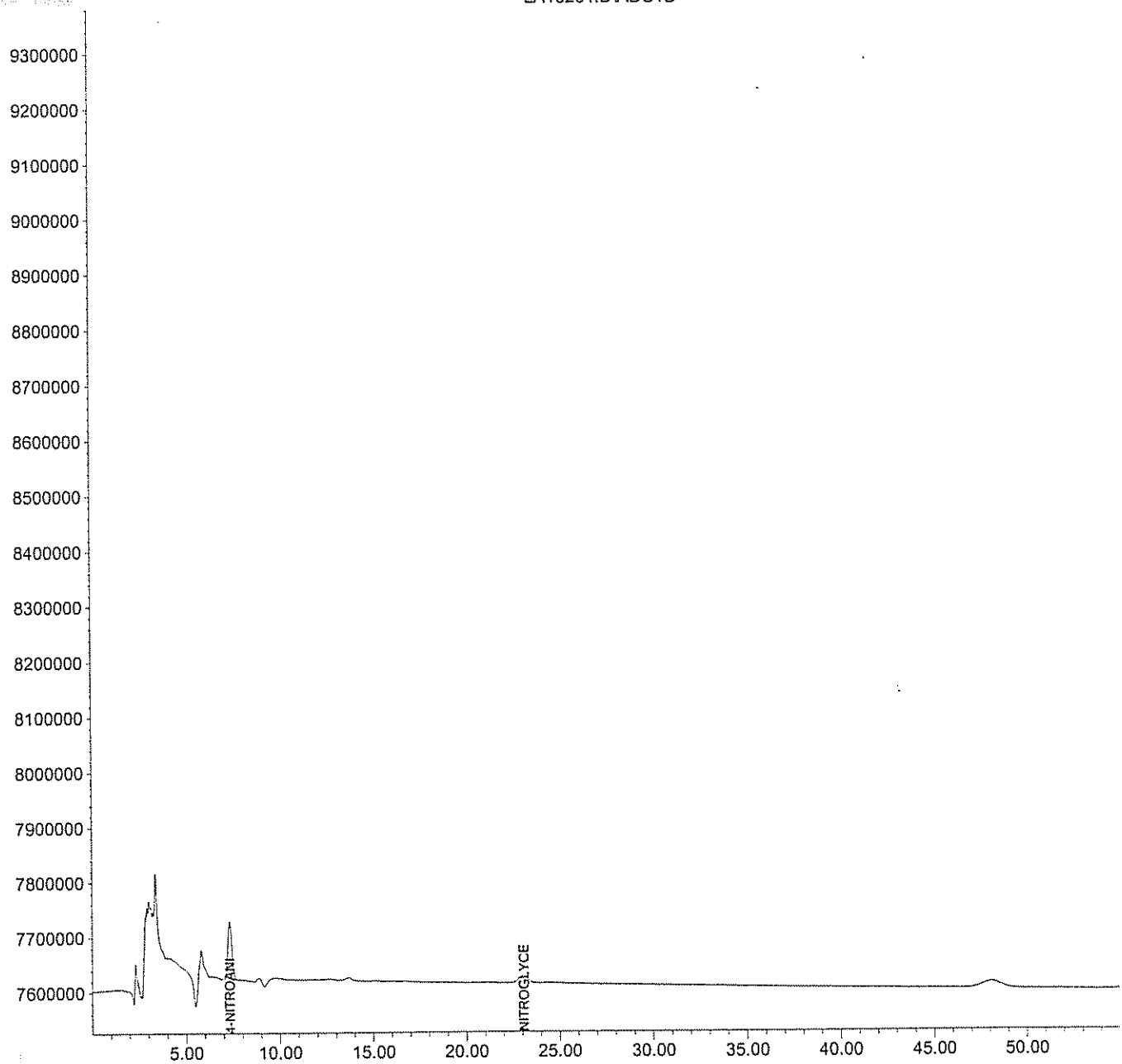
Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16264.D Vial: 37
Acq On : 18 Sep 2006 10:24 pm Operator: AG
Sample : 608163-001-001-1/1MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16264.D\ADC1B



LA16264.D 60607NG.M Fri Sep 22 10:59:25 2006 1 Page 2

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MSD
Sample Volume :	10	Lab File ID :	LA16261.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.39	
99-65-0	1,3-Dinitrobenzene	0.40	
118-96-7	2,4,6-Trinitrotoluene	0.41	
121-14-2	2,4-Dinitrotoluene	0.39	
606-20-2	2,6-Dinitrotoluene	0.46	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.38	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.36	
2691-41-0	HMX	0.43	
98-95-3	Nitrobenzene	0.39	
121-82-4	RDX	0.36	
479-45-8	Tetryl	0.39	
99-08-1	m-Nitrotoluene	0.40	
88-72-2	o-Nitrotoluene	0.38	
99-99-0	p-Nitrotoluene	0.39	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16261.D Vial: 34
Acq On : 18 Sep 2006 7:25 pm Operator: AG
Sample : 608163-001-001-1/1MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.33	15425723	117.945 ng/ml
Spiked Amount		150.000	Range 52 - 154	Recovery =	78.63%
		Target Compounds			
1)	T	HMX	4.70	13357615	108.359 ng/ml
3)	T	1,3,5-Trinitrobenzene	14.04	34011416	98.006 ng/mlm
4)	T	Tetryl	21.01	24129143	97.601 ng/ml
5)	T	2,4,6-Trinitrotoluene	25.63	35006828	102.517 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.69	22425181	91.153 ng/ml
7)	T	2,6-Dinitrotoluene	32.52	25817588	115.316 ng/ml
8)	T	4-Nitrotoluene	45.71	20119626	98.397 ng/mlm
9)	M	RDX	9.34	14639413	89.158 ng/mlm
10)	M	1,3-Dinitrobenzene	18.83	51622183	100.019 ng/ml
11)	M	Nitrobenzene	22.97	36636292	98.677 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.35	33965787	94.109 ng/ml
13)	M	2,4-Dinitrotoluene	33.67	51937937	98.025 ng/ml
14)	M	2-Nitrotoluene	42.41	22307161	96.476 ng/mlm
15)	M	3-Nitrotoluene	49.82	25365456	99.448 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

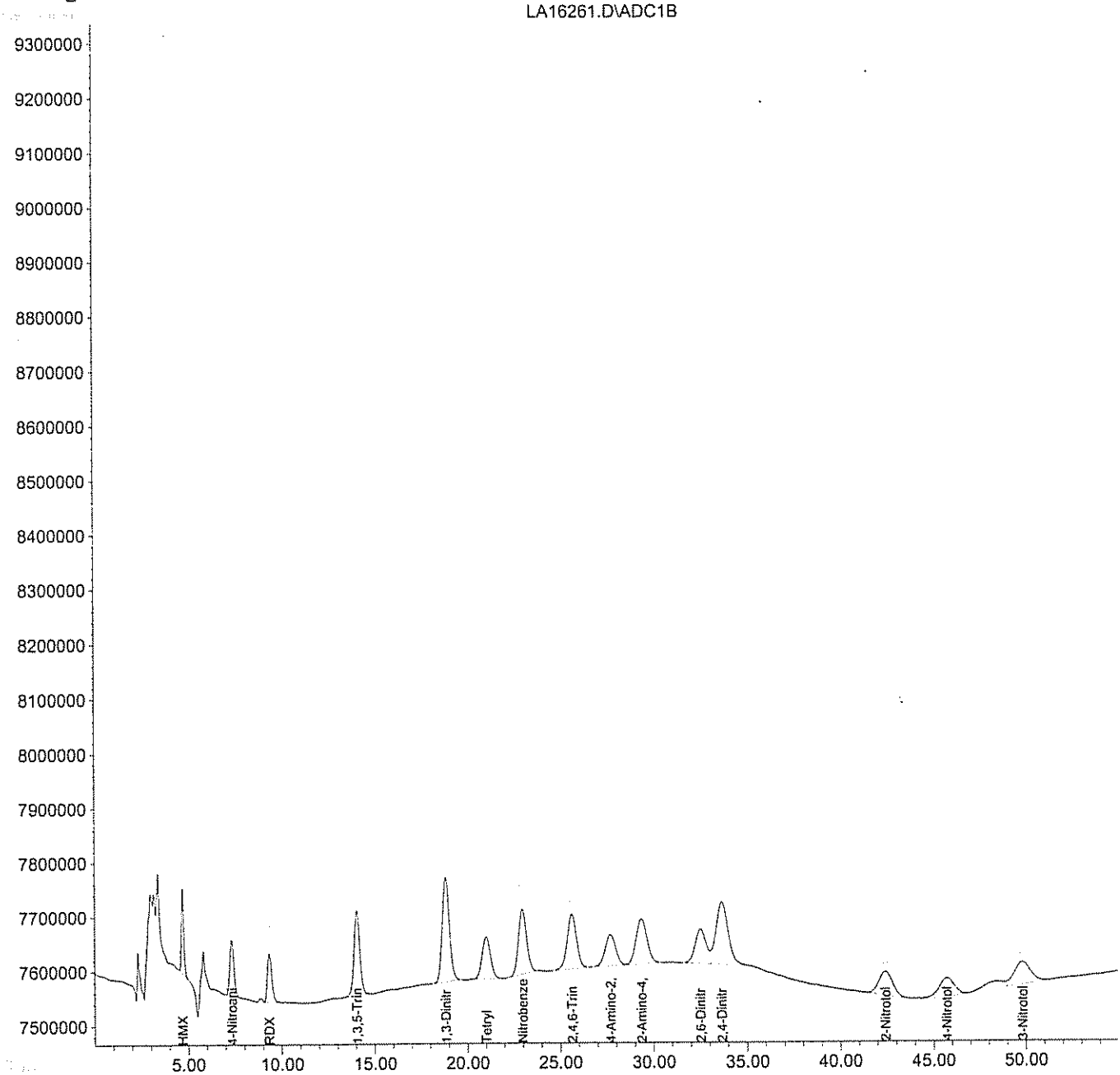
Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16261.D Vial: 34
Acq On : 18 Sep 2006 7:25 pm Operator: AG
Sample : 608163-001-001-1/1MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16261.D\ADC1B



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BKS93563

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93563
Sample Volume :	10	Lab File ID :	LA16259.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.34	
99-65-0	1,3-Dinitrobenzene	0.46	
118-96-7	2,4,6-Trinitrotoluene	0.50	
121-14-2	2,4-Dinitrotoluene	0.44	
606-20-2	2,6-Dinitrotoluene	0.53	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.47	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.45	
2691-41-0	HMX	0.50	
98-95-3	Nitrobenzene	0.44	
121-82-4	RDX	0.45	
479-45-8	Tetryl	0.29	
99-08-1	m-Nitrotoluene	0.44	
88-72-2	o-Nitrotoluene	0.44	
99-99-0	p-Nitrotoluene	0.56	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16259.D Vial: 32
Acq On : 18 Sep 2006 2:49 pm Operator: AG
Sample : BKS93563 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:25 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	7.32	19436446	148.611 ng/ml
Spiked Amount	150.000	Range 52 - 154	Recovery =	99.07%
	Target Compounds			
1) T	HMX	4.70	15391665	124.859 ng/ml
3) T	1,3,5-Trinitrobenzene	14.00	29967245	86.353 ng/ml
4) T	Tetryl	20.99	18084306	73.150 ng/mlm
5) T	2,4,6-Trinitrotoluene	25.62	43042890	126.050 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	27.68	27947660	113.601 ng/ml
7) T	2,6-Dinitrotoluene	32.51	29462015	131.594 ng/ml
8) T	4-Nitrotoluene	45.75	28820885	140.952 ng/mlm
9) M	RDX	9.31	18525145	112.823 ng/mlm
10) M	1,3-Dinitrobenzene	18.81	60042961	116.334 ng/ml
11) M	Nitrobenzene	22.96	40630780	109.436 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	29.33	42136888	116.748 ng/ml
13) M	2,4-Dinitrotoluene	33.64	57835761	109.156 ng/ml
14) M	2-Nitrotoluene	42.44	25593812	110.690 ng/mlm
15) M	3-Nitrotoluene	49.78	28386543	111.292 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

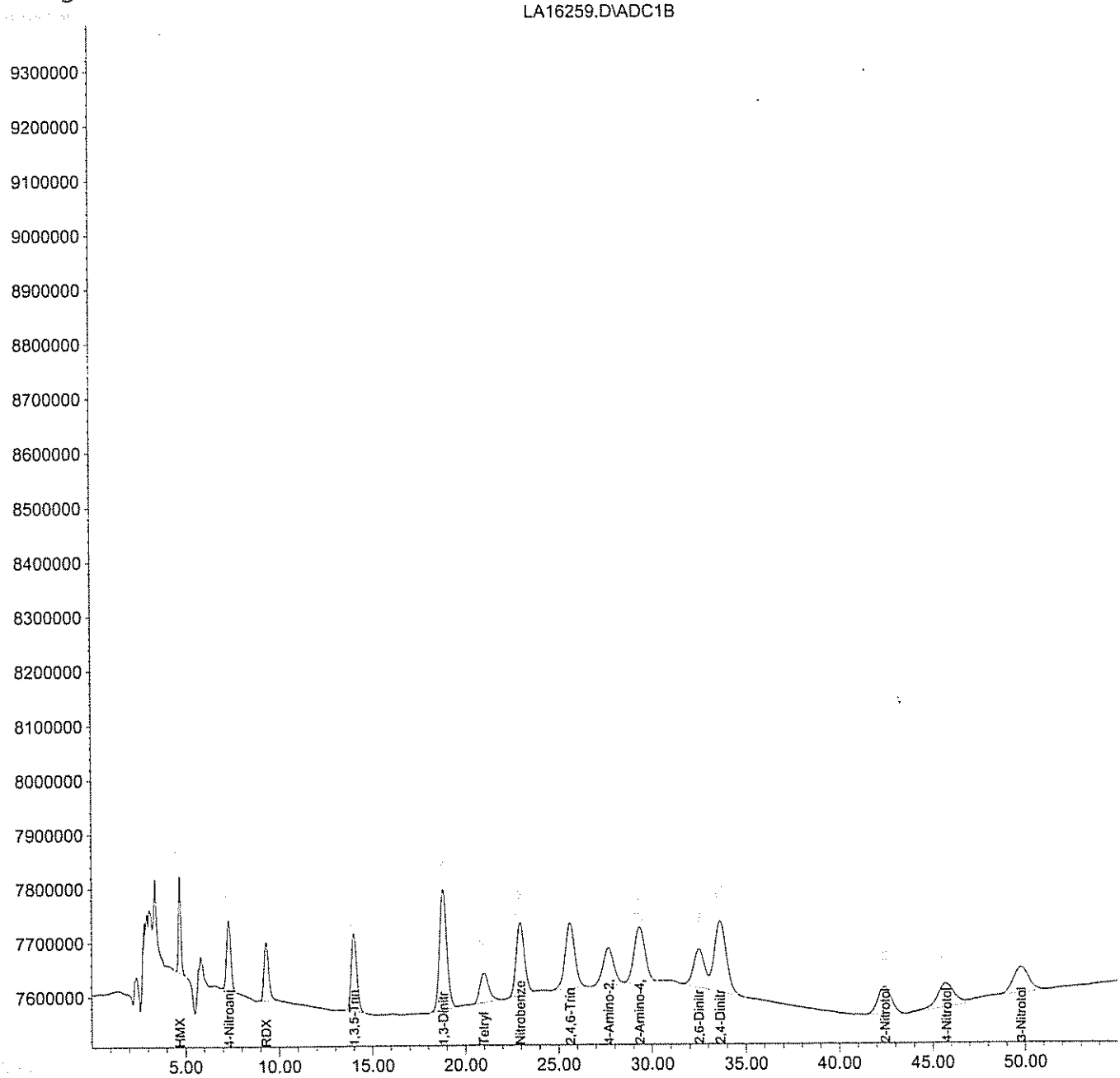
Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16259.D Vial: 32
Acq On : 18 Sep 2006 2:49 pm Operator: AG
Sample : BKS93563 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:25 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA16259.D\ADC1B



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MS
Sample Volume :	10.02	Lab File ID :	LA16263.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/18/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	10	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16263.D Vial: 36
Acq On : 18 Sep 2006 9:24 pm Operator: AG
Sample : 608163-001-001-1/1MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.33	16042311	130.864	PPB	
Spiked Amount 300.000		Recovery =	43.62%		
Target Compounds					
2) M NITROGLYCERINE	23.04	4435828	2.520	PPM	m

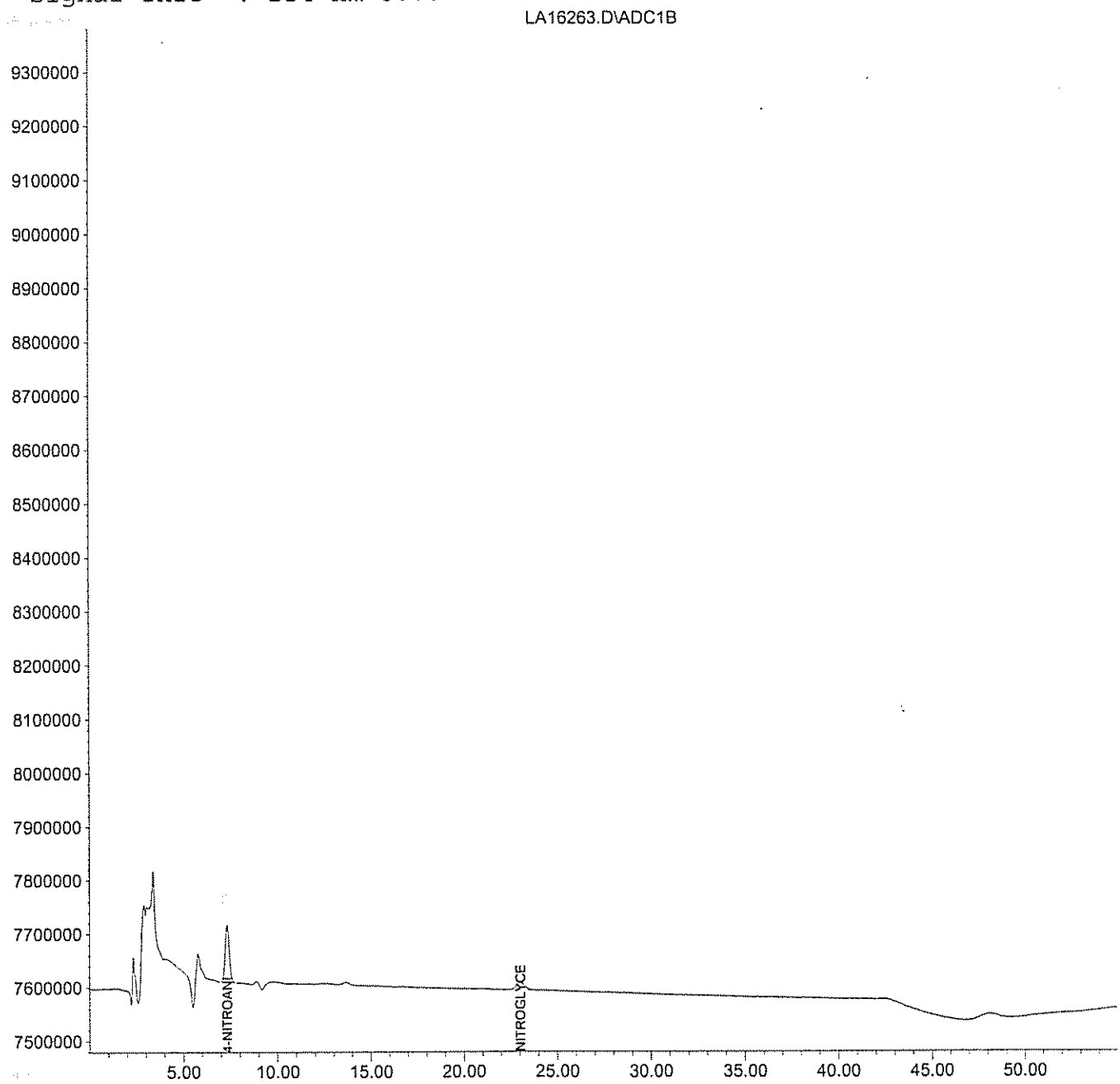
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16263.D Vial: 36
Acq On : 18 Sep 2006 9:24 pm Operator: AG
Sample : 608163-001-001-1/1MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:10 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



LA16263.D 60607NG.M Fri Sep 22 10:59:21 2006 1 Page 2

EXPLOSIVES /NITROGUANIDINE /NITROGLYCERINE /PICRIC ACID /PETN EXTRACTION LOG

SOIL / WATER / WIPES

Approval / Date: 08 9/6/06 Client: Shaw E & I Inc. USACE

Analysis Method: 8330 + PETN + NG

Extraction Chemist: N.P. Date: 9-5-06 Spike Witness: D S S

Work Order	Fraction	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
608163	Blk	10.00	1.0	—	40.0
	Blks 1	10.00		1.0 ⓓ + 0.4 Ⓐ	
	001 ms 1	10.02			
	001 msD 1	10.00			
	001	10.03			
	002	10.03			
	003	10.04			
	004	10.00			
	005	10.00			
	006	10.01			
	007	10.03			
	008	10.00			
	012	10.02			
608169	001	10.02			
	002	10.00			
608170	001	10.00			
608163	Blks 2	10.00		1.0 *	
	001 ms 2	10.02			
	001 msD 2	10.01			
608182	001	10.00		—	

N.P. 9-6-06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 061917 Matrix Spike #: 37629 ⓓ Matrix Spike Conc.: 5.0 ppm

Surrogate Solution #: 37212 Matrix Spike #: 37354 * NG Matrix Spike Conc.: 100 ppm

Surrogate Conc.(s): 6 ppm Matrix Spike #: 36672 Ⓐ PETN Matrix Spike Conc.: 10 ppm

Calcium Chloride#: 37063 Sodium Sulfate#: — Sand#: 43007309

Sodium Chloride#: —

Comments & Observations: Xenco # 93563 for 608163, 608170 and 608182
Xenco # 93585 for 608169 only.
Xenco # 93567 for 8330 PETN for 608163, 608169, 608170 and 608182
Xenco # 93568 for 8330 NG for 608163 608169, 608170, 608182.

LcB C.

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B 3 NG 6802NGCo

Method File:	h:\lcdata\lcb\Methods.	Data File Path:	I:\lcdata\lcb 080206
Detector(s):	UV.	Mobile Phase:	60% DI water + 5% MeOH + 35% ACN.
Pump(s):	515 HPLC.	Flow Rate:	1.0 mL/min.
Autosampler:	717 plus -	Detector Wavelength:	254
Column:	CN.	Injection Volume:	100 µL

ICAL Method: 6802NG ConC 08 Analyst: AG. Reviewed by: [signature] Date: 8/11/06

Injection Log

Directory: i:\lcdata\lcb\080206

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	LB35344.D	1.	8330NG-BLK	CCAL	2 Aug 106 12::0
2	2	LB35345.D	1.	8330NG-LEV1	CCAL	2 Aug 106 12::5
3	3	LB35346.D	1.	8330NG-LEV2	CCAL	2 Aug 106 12::4
4	4	LB35347.D	1.	8330NG-LEV3	CCAL	2 Aug 106 12::3
5	5	LB35348.D	1.	8330NG-LEV4	CCAL	2 Aug 106 13::2
6	6	LB35349.D	1.	8330NG-LEV5	CCAL	2 Aug 106 13::2
7	7	LB35350.D	1.	8330NG-ICV	CCAL	3 Aug 106 13::1
8	8	LB35351.D	1.	BLK	ACN	3 Aug 106 12::0

LB					
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LB					

AG 08/11/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
	4-nitroaniline	37239	10PPM	07/24/06
	Nitroglycerine	37153	100 PPM	06/15/06

Lcb

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B 8330 Comb c073006C

Method File: h:\lcdata\LCB\Methods.		Data File Path: i:\Lcdata\LcB\073006	
Detector(s):	UV	Mobile Phase:	60% Di water + 5% MeOH + 35% ACN
Pump(s):	515 HPLC	Flow Rate:	1.0 mL/min
Autosampler:	717 plus	Detector Wavelength:	254
Column:	CN	Injection Volume:	100 uL.

ICAL Method: c073006C Analyst: AG Reviewed by: SS Date: 8/07/06

Injection Log

Directory: i:\lcdata\lcb\073006

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	
1	4	LB35282.D	1.	8330MIX-LEV-4	CAL	30 Jul 106 13::2	
2	1	LB35283.D	1.	BLK	CAL	30 Jul 106 12::1	
3	2	LB35284.D	1.	8330MIX-LEV-1	CAL	30 Jul 106 12::1	
4	3	LB35285.D	1.	8330MIX-LEV-2	CAL	30 Jul 106 12::0	
5	4	LB35286.D	1.	8330MIX-LEV-3	CAL	30 Jul 106 12::5	
6	5	LB35287.D	1.	8330MIX-LEV-4	CAL	30 Jul 106 12::4	
7	6	LB35288.D	1.	8330MIX-LEV-5	CAL	30 Jul 106 12::3	
8	7	LB35289.D	1.	8330MIX-LEV-6	CAL	30 Jul 106 12::2	
9	8	LB35290.D	1.	8330MIX-ICV	CAL	30 Jul 106 12::1	
10	9	LB35291.D	1.	8330MIX	CAL	30 Jul 106 12::0	
11	10	LB35292.D	1.	8330NG-LEV-1	CAL	31 Jul 106 13::1	
12	11	LB35293.D	1.	8330NG-LEV-2	CAL	31 Jul 106 13::0	
13	12	LB35294.D	1.	8330NG-LEV-3	CAL	31 Jul 106 12::0	
14	13	LB35295.D	1.	8330NG-LEV-4	CAL	31 Jul 106 12::5	
15	14	LB35296.D	1.	8330NG-LEV-5	CAL	31 Jul 106 12::4	
16	15	LB35297.D	1.	8330NG-LEV-ICV	CAL	31 Jul 106 12::1	
17	16	LB35298.D	1.	8330NG-3	CAL	31 Jul 106 12::0	
18	17	LB35299.D	1.	8330MIX	CAL	31 Jul 106 12::0	

returned

LB					
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Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 Mix	37486	10/20 ppm	07/21/06
	4-Nitroaniline	37239	10 ppm	07/24/06
	Nitrophenol	37153	37153	06/15/06
AG 8/06/06	~~8330 ICV~~	-	100 ppm	
	8330 ICV	37554	10/20 ppm	07/27/06

Lca P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

Method File: h:\lcdata\lca\methods	
Detector/ Wavelength:	UV 254 nm
Injection Volume:	10 ul

8330 6725830

Data File Path: h:\lcdata\lca\072406	
Mobile Phase: 8330 - L49-59-31	
Flow Rate: 0.9	ml/min

ICAL: 6725830 Analyst: S.S. Reviewed by: _____ Date: _____

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LA						

Injection Log

Directory: h:\lcdata\lca\072406

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	la15126.d	1.	8330MIX-BLK	C CAL	24 Jul 106 12::5
2	2	la15127.d	1.	8330MIX-LEV1	C CAL	24 Jul 106 12::4
3	3	la15128.d	1.	8330MIX-LEV2	C CAL	24 Jul 106 12::4
4	4	la15129.d	1.	8330MIX-LEV3	C CAL	24 Jul 106 13::4
5	5	la15130.d	1.	8330MIX-LEV4	C CAL	24 Jul 106 13::4
6	6	la15131.d	1.	8330MIX-LEV5	C CAL	25 Jul 106 13::4
7	7	la15132.d	1.	8330MIX-LEV6	C CAL	25 Jul 106 12::4
8	8	la15133.d	1.	8330MIX-ICV	C CAL	25 Jul 106 12::4
9	9	la15134.d	1.	8330MIX	C CAL	25 Jul 106 12::4
10	10	la15135.d	1.	BLK82682	WATER	25 Jul 106 12::4
11	11	la15136.d	1.	607135-020-020-1/1	WATER	25 Jul 106 12::4
12	12	la15137.d	1.	607136-005-009-1/2	WATER	25 Jul 106 12::4
13	13	la15138.d	1.	607135-001-012-1/1	SOIL	25 Jul 106 12::4
14	14	la15139.d	1.	607135-002-001-1/1	SOIL	25 Jul 106 12::4
15	15	la15140.d	1.	607135-003-002-1/1	SOIL	25 Jul 106 12::4
16	16	la15141.d	1.	607135-004-003-1/1	SOIL	25 Jul 106 13::4
17	17	la15142.d	1.	607135-005-004-1/1X20	SOIL	25 Jul 106 13::4
18	18	la15143.d	1.	607135-006-005-1/1	SOIL	25 Jul 106 13::4
19	19	la15144.d	1.	607135-007-006-1/1	SOIL	25 Jul 106 12::4
20	20	la15145.d	1.	8330MIX	C CAL	25 Jul 106 12::4
21	21	la15146.d	1.	607135-008-007-1/1	SOIL	25 Jul 106 12::4
22	22	la15147.d	1.	607135-009-008-1/1	SOIL	25 Jul 106 12::3
23	23	la15148.d	1.	607135-010-009-1/1	SOIL	25 Jul 106 12::3
24	24	la15149.d	1.	BLK82697	SOIL	25 Jul 106 12::3
25	25	la15150.d	1.	BKS82582	WATER	25 Jul 106 12::3
26	26	la15151.d	1.	BKSD82582	WATER	25 Jul 106 12::3
27	27	la15152.d	1.	BKS82697	SOIL	25 Jul 106 12::3
28	28	la15153.d	1.	607135-002-001-1/1MS	SOIL	25 Jul 106 13::3
29	29	la15154.d	1.	607135-002-001-1/1MSD	SOIL	25 Jul 106 13::3
30	30	la15155.d	1.	606159-002-002-1/1(1:10)	SOIL	26 Jul 106 13::3
31	31	la15156.d	1.	606159-006-006-1/1(1:10)	SOIL	26 Jul 106 12::3
32	32	la15157.d	1.	8330MIX	C CAL	26 Jul 106 12::3
33	33	la15158.d	1.	BLK82732	SOIL	26 Jul 106 12::3
34	34	la15159.d	1.	BKS82732	SOIL	26 Jul 106 12::3
35	35	la15160.d	1.	607162-004-004-1/1MS	SOIL	26 Jul 106 12::3
36	36	la15161.d	1.	607162-004-004-1/1MSD	SOIL	26 Jul 106 12::3
37	37	la15162.d	1.	607162-003-003-1/1	SOIL	26 Jul 106 12::3
38	38	la15163.d	1.	607162-004-004-1/1	SOIL	26 Jul 106 12::3
39	39	la15164.d	1.	607162-005-005-1/1	SOIL	26 Jul 106 12::3
40	40	la15165.d	1.	607162-006-006-1/1	SOIL	26 Jul 106 13::3

Remarks	Standard	Solution ID	Conc.	Date Prep.
90402	8330 mix	37486	10/20 ppm	07/21/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

Method File:	h:\Lcdata\Lca\methods
Detector/ Wavelength:	UV 254 nm
Injection Volume:	100 ul

Data File Path:	h:\Lcdata\Lca\060706
Mobile Phase:	8330-L49-57-25
Flow Rate:	0.9 ml/min

ICAL: 60607NG Analyst: S.S. Reviewed by:_____ Date:_____

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LA 14359	8330NG-BLK	06/07/06	1	C8	C Cal	
LA 60	-LEV1					
LA 61	-LEV2					
LA 62	-LEV3					
LA 63	-LEV4					
LA 64	-LEV5					
LA 65	-ICV					#36674
LA						
LA						
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S.S. 06/08/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
I# 89894	4-Nitroanaline	36170	10ppm	02/14/06
	Nitroglycerine	36933	100ppm	05/16/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

Method File: H:\LCdata\lca\Methods.	
Detector/ Wavelength:	UV
Injection Volume:	100 uL

Data File Path: H:\LCdata\lca\091706	
Mobile Phase: 8330-249-62-011	
Flow Rate:	0.9 mL/min.

ICAL: 67258330/66607 NG Analyst: AG Reviewed by: ST. Date: 09/20/06

	Line	Vial	FileName	Multiplier	SampleName (8330 Comments)	Misc Info (NG Comments)	Injectec	Comments
	1	1	la16228.d	1.	8330 Mix	C CAL		
LA	2	2	la16229.d	1.	8330NG	C CAL ok	17 Sep	
	3	3	la16230.d	1.	608098-010-012-1/1 - Needs Conf.	SOIL - ok	17 Sep	
LA	4	4	la16231.d	1.	608098-012-009-1/1 - ok -	SOIL - Needs Conf	17 Sep	
	5	5	la16232.d	1.	608098-013-010-1/1 - ok	SOIL - ok	17 Sep	
LA	6	6	la16233.d	1.	608098-014-011-1/1 - Needs Conf.	SOIL - ok	17 Sep	
	7	7	la16234.d	1.	BLK83453/83456 - ok	SOIL	17 Sep	
LA	8	8	la16235.d	1.	BKS83453 ok	SOIL	17 Sep	
	9	9	la16236.d	1.	608125-001-001-1/1MS ok	SOIL	17 Sep	
LA	10	10	la16237.d	1.	608125-001-001-1/1MSD ok	SOIL	17 Sep	
	11	11	la16238.d	1.	BKS83456	SOIL ok	17 Sep	
LA	12	12	la16239.d	1.	608125-001-001-1/1MS	SOIL ok	17 Sep	
	13	13	la16240.d	1.	BLK	ACN	17 Sep	
LA	14	14	la16241.d	1.	8330MIX ok	CCAL o	17 Sep	
	15	15	la16242.d	1.	8330NG	CCAL ok	17 Sep	
LA	16	16	la16243.d	1.	608125-001-001-1/1MSD	SOIL ok	17 Sep	
	17	17	la16244.d	1.	608125-001-001-1/1 - Needs Conf	SOIL ok	17 Sep	
LA	18	18	la16245.d	1.	608125-002-002-1/1 - Needs Conf	SOIL ok	18 Sep	
	19	19	la16246.d	1.	608125-003-003-1/1 - Needs Conf.	SOIL ok	18 Sep	
LA	20	20	la16247.d	1.	608125-004-004-1/1 ok	SOIL ok	18 Sep	
LA	21	21	la16248.d	1.	608125-005-005-1/1 ok	SOIL ok	18 Sep	
LA	22	22	la16249.d	1.	608125-006-006-1/1 - Needs Conf.	SOIL Needs Conf.	18 Sep	
	23	23	la16250.d	1.	608125-007-007-1/1 - Needs Conf.	SOIL ok	18 Sep	
LA	24	24	la16251.d	1.	608125-008-008-1/1 ok	SOIL ok	18 Sep	
	25	25	la16252.d	1.	608125-009-009-1/1 - Needs Conf.	SOIL ok	18 Sep	
LA	26	26	la16253.d	1.	BLK	ACN	18 Sep	
	27	27	la16254.d	1.	8330MIX ok	CCAL ok	18 Sep	
	28	28	la16255.d	1.	8330NG	CCAL ok	18 Sep	
LA	29	29	la16256.d	1.	608125-010-010-1/1 ok	SOIL ok	18 Sep	
	30	30	la16257.d	1.	608125-011-011-1/1 - Needs Conf.	SOIL Need Conf.	18 Sep	
LA	31	31	la16258.d	1.	BLK93563/93568 ok	SOIL ok	18 Sep	
	32	32	la16259.d	1.	BKS93563 ok	SOIL	18 Sep	
LA	33	33	la16260.d	1.	608163-001-001-1/1MS ok	SOIL	18 Sep	
	34	34	la16251.d	1.	608163-001-001-1/1MSD ok	SOIL	18 Sep	
LA	35	35	la16262.d	1.	BKS93563	SOIL ok	18 Sep	
	36	36	la16263.d	1.	608163-001-001-1/1MS	SOIL ok	18 Sep	
	37	37	la16264.d	1.	608163-001-001-1/1MSD	SOIL ok	18 Sep	
LA	38	38	la16265.d	1.	608163-001-001-1/1 - Needs Conf.	SOIL ok	18 Sep	
	39	39	la16266.d	1.	BLK	ACN	19 Sep	
LA	40	40	la16267.d	1.	8330MIX ok	CCAL	19 Sep	
LA	41	41	la16268.d	1.	8330NG	CCAL ok	19 Sep	
	42	42	la16269.d	1.	608163-002-003-1/2 - Needs Conf.	SOIL - Needs Conf	19 Sep	
	43	43	la16270.d	1.	608163-003-005-1/2 - Needs Conf	SOIL - Needs Conf	19 Sep	
LA	44	44	la16271.d	1.	608163-004-007-1/2 - Needs Conf	SOIL ok	19 Sep	
	45	45	la16272.d	1.	608163-005-009-1/2 - Needs Conf	SOIL ok	19 Sep	
LA	46	46	la16273.d	1.	608163-006-011-1/2 - Needs Conf.	SOIL ok	19 Sep	
	47	47	la16274.d	1.	608163-007-013-1/2 - Needs Conf.	SOIL - Need Conf.	19 Sep	
LA	48	48	la16275.d	1.	608163-008-015-1/2 ok	SOIL ok	19 Sep	
LA	49	49	la16276.d	1.	608163-012-017-1/2 - Needs Conf.	SOIL ok	19 Sep	
	50	50	la16277.d	1.	608182-001-001-1/2 - Needs Conf.	SOIL ok	19 Sep	
LA	51	51	la16278.d	1.	608170-001-002-1/1 - ok	SOIL ok	19 Sep	
	52	52	la16279.d	1.	BLK	ACN	19 Sep	
LA	53	53	la16280.d	1.	8330MIX - ok	CCAL	19 Sep	
	54	54	la16281.d	1.	8330NG	CCAL ok	19 Sep	
LA	55	55	la16282.d	1.	608169-001-003-1/1 - Needs Conf.	SOIL ok	19 Sep	
	56	56	la16283.d	1.	608169-002-004-1/1 ok	SOIL ok	19 Sep	
	57	57	la16284.d	1.	BLK93643/93646 ok	SOIL ok	19 Sep	

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		Conc.	Date Prep.
8330 Mix	37486	1420 ppm	07/21/06
4-nitroaniline.	37239	1000 ppm	06/15/06
Nitroglycerine	37153	1000 ppm	06/24/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B

Method File:	h:\\cdata\\cb\methods	Data File Path:	h:\\cdata\\cb\091906
Detector(s):	UW	Mobile Phase:	8330-L49-62-08
Pump(s):	515 waters	Flow Rate:	1.00 ml/min
Autosampler:	717 waters	Detector Wavelength:	254 nm
Column:	polar	Injection Volume:	100 ml

ICAL Method: 07006C Analyst: AC Reviewed by: S.S. Date: 09/25/06

40	15	LB36314.D	1.	8330MIX	CCAL	21 Sep 106 12::	
41	16	LB36315.D	1.	8330NG	CCAL	21 Sep 106 12::	
42	17	LB36316.D	1.	608125-001	SOIL	21 Sep 106 13::	nts
43	18	LB36317.D	1.	608125-002	SOIL	21 Sep 106 13::	
44	19	LB36318.D	1.	608125-003	SOIL	21 Sep 106 13::	
45	20	LB36319.D	1.	608125-006	SOIL	21 Sep 106 13::	
46	21	LB36320.D	1.	608125-007	SOIL	21 Sep 106 12::	
47	22	LB36321.D	1.	608125-009	SOIL	21 Sep 106 12::	
48	23	LB36322.D	1.	608125-011	SOIL	21 Sep 106 12::	
49	24	LB36323.D	1.	ACN	ACN	21 Sep 106 12::	
50	25	LB36324.D	1.	8330MIX	CCAL	21 Sep 106 12::	
51	26	LB36325.D	1.	8330NG	CCAL	21 Sep 106 12::	
1		lb36326.d	1.				
2	1	lb36327.d	1.	8330MIX	CCAL	21 Sep 106 12::2	
3	2	lb36328.d	1.	8330NG	CCAL	21 Sep 106 12::1	
4	3	lb36329.d	1.	608163-003	SOIL	21 Sep 106 13::0	
5	4	lb36330.d	1.	608163-004	SOIL	21 Sep 106 13::5	
6	5	lb36331.d	1.	608163-005	SOIL	21 Sep 106 13::4	
7	6	lb36332.d	1.	608163-006	SOIL	22 Sep 106 13::3	
8	7	lb36333.d	1.	608163-007	SOIL	22 Sep 106 12::3	
9	8	lb36334.d	1.	608163-012	SOIL	22 Sep 106 12::2	
10	9	lb36335.d	1.	608169-001	SOIL	22 Sep 106 12::1	
11	10	lb36336.d	1.	608182-001	SOIL	22 Sep 106 12::0	
12	11	lb36337.d	1.	608187-013	SOIL	22 Sep 106 12::5	
13	12	lb36338.d	1.	608125-001	SOIL	22 Sep 106 12::4	
14	13	lb36339.d	1.	8330MIX	CCAL	22 Sep 106 12::3	
15	14	lb36340.d	1.	8330NG	CCAL	22 Sep 106 12::3	
16	15	lb36341.d	1.	608125-002	SOIL	22 Sep 106 12::2	
17	16	lb36342.d	1.	608125-003	SOIL	22 Sep 106 12::1	
18	17	lb36343.d	1.	608125-006	SOIL	22 Sep 106 13::0	
19	18	lb36344.d	1.	608125-007	SOIL	22 Sep 106 13::5	
20	19	lb36345.d	1.	608125-009	SOIL	22 Sep 106 13::4	
21	20	lb36346.d	1.	608125-011	SOIL	22 Sep 106 13::3	
22	21	lb36347.d	1.	608162-008	WATER	22 Sep 106 12::2	
23	22	lb36348.d	1.	8330MIX	CCAL	22 Sep 106 12::2	
24	1	lb36349.d	1.	8330NG	CCAL	22 Sep 106 12::1	

LB					
LB					
LB					
LB					
LB					
LB					
LB					
LB					

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 mix	37909	10/20 ppm	08/22/06

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT: LCB CB35402 LCB3541 CB35427
COLUMN: POLAR ANALYST SS
DATE: 08/07/2006-08/08/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	8.56	7.07	8.56	0.31	8.56	0.30	8.560	0.000	2.56	1.28
Nitroglycerine	26.82	21.96	26.91	0.51	26.90	0.53	26.877	0.148	7.67	3.83

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Windows are the greater of 1/2 the average peak width,
or +/- 3 times the retention time standard deviation

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE: LCB
COLUMN: POLAR ANALYST SS
DATE: 07/31/06-08/02/06 DATE 09/12/06

COMPOUND	LCB3525 Retent Time 1	LCB35319 Retent Time 2	LCB35330 Retent Time 3	AVG	Stand Dev	3X Stnd Dev
4-Nitroaniline(St	8.640	8.560	8.560	8.587	0.046	0.139
HMX	14.770	14.580	14.600	14.650	0.104	0.313
1,3,5-Trinitrober	26.940	26.690	26.740	26.790	0.132	0.397
Tetryl	40.160	39.810	39.940	39.970	0.177	0.531
2,4,6-Trinitrotol	37.020	36.710	36.810	36.847	0.158	0.475
4-ADNT	18.660	18.480	18.500	18.547	0.099	0.296
2,6-Dinitrotoluer	23.230	23.020	23.060	23.103	0.112	0.335
4-Nitrotoluene	20.750	20.590	20.610	20.650	0.087	0.262
RDX	12.320	12.190	12.200	12.237	0.072	0.217
1,3-Dinitrobenzer	17.610	17.450	17.470	17.510	0.087	0.262
Nitrobenzene	14.050	13.940	13.940	13.977	0.064	0.191
2-ADNT	18.660	18.480	18.500	18.547	0.099	0.296
2,4-Dinitrotoluer	24.520	24.310	24.360	24.397	0.110	0.329
2-Nitrotoluene	19.390	19.230	19.250	19.290	0.087	0.262
3-Nitrotoluene	19.910	19.230	19.770	19.637	0.359	1.077

Retention windows equal to retention times extracted from daily calibration +/- three times of the Standard Deviation.

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE:	LCA		
COLUMN:	C18	ANALYST	SS
DATE:	7/24/06-7/27/06	DATE	09/14/06

COMPOUND	LCA15145 Retent Time 1	LCA15168 Retent Time 2	LCA15187 Retent Time 3	AVG	Stand Dev	3X Stnd Dev	Average Peak Width	RT WINDOW
4-Nitroaniline(Surr.)	7.180	7.100	7.090	7.123	0.049	0.148	0.30	0.15
HMX	4.640	4.600	4.600	4.613	0.023	0.069	0.30	0.15
1,3,5-Trinitrobenzene	13.710	13.520	13.480	13.570	0.123	0.369	0.50	0.25
Tetryl	20.310	19.900	19.800	20.003	0.270	0.811	0.70	0.35
2,4,6-Trinitrotoluene	24.860	24.420	24.330	24.537	0.284	0.851	0.80	0.40
4-ADNT	26.730	26.210	26.090	26.343	0.340	1.021	0.80	0.40
2,6-Dinitrotoluene	31.490	30.900	30.800	31.063	0.373	1.119	0.80	0.40
4-Nitrotoluene	44.300	43.390	43.270	43.653	0.563	1.690	0.90	0.45
RDX	9.130	9.010	8.990	9.043	0.076	0.227	0.40	0.20
1,3-Dinitrobenzene	18.350	18.070	18.000	18.140	0.185	0.556	0.50	0.25
Nitrobenzene	22.370	22.010	21.930	22.103	0.234	0.703	0.50	0.25
2-ADNT	28.340	27.830	27.690	27.953	0.342	1.026	0.70	0.35
2,4-Dinitrotoluene	32.610	32.010	31.910	32.177	0.379	1.136	0.60	0.30
2-Nitrotoluene	41.130	40.290	40.180	40.533	0.520	1.559	0.80	0.40
3-Nitrotoluene	48.250	47.240	47.110	47.533	0.624	1.872	0.80	0.40

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT: LCA CA14453 LCA1447 CA14495
COLUMN: C8 ANALYST SS
DATE: 06/19/2006-06/21/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	7.09	7.07	7.07	0.31	7.09	0.30	7.083	0.035	2.56	1.28
Nitroglycerine	21.92	21.96	21.96	0.51	21.98	0.53	21.953	0.092	7.67	3.83

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Windows are the greater of 1/2 the average peak width,
or +/- 3 times the retention time standard deviation

LOW IMPACT EXPLOSIVES AND PROPELLANTS

GPL Laboratories

A. QC Summary

1. Surrogate Percent Recovery Summary

2. Matrix Spike/Matrix Spike Duplicate Summary

3. Laboratory Control Standard Summary (where applicable)

4. Method Blank Summary

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8330** **SDG No : 608163**

Surrogate	NO2ANIL4
Lower QC Limits	31
Upper QC Limits	129
Sample ID	
BKS93567	119
BLK93567	115
NWO-017-0024	77
NWO-017-0025	80
NWO-017-0033	89
NWO-017-0034	74
NWO-017-0034MS	80
NWO-017-0034MSD	86
NWO-017-1002	89
NWO-017-1004	82
NWO-017-1005	114
NWO-017-1006	124
NWO-017-1007	86

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-017-0034MSD

Lab Name : GPL Laboratories SDG NO : 608163 Method : SW8330

Lab Code : GPL Lab Sample ID : 608163-001-001-1/2MSD Matrix : SOIL Analysis Date : 09/18/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Nitroglycerine	10	10	0.0	10	10	100	100	0	25	50-150

SAMPLE NO
NWO-017-0034MSD

Lab Name : GPL Laboratories SDG NO : 608163 Method : SW8330

Lab Code : GPL Lab Sample ID : 608163-001-001-1/2MSD Matrix : SOIL Analysis Date : 09/20/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Pentaerythritol Tetranitrate	.4	.4	0.0	0.34	0.33	83	83	0	25	77-150

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 2 Outside Limit
Spike Recovery : 0 Out of 4 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93567

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608163
Lab Sample ID : BKS93567
Analysis Date : 09/20/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Pentaerythritol Tetranitrate	.4	0	0.50	125	46-134

* Values Outside of QC Limits.

Spike recovery : 0 out of 1 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93567

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93567
Lab File ID :	E37785.D	SDG NO :	608163
Date Analyzed	09/20/2006	Lab Sample ID :	BLK93567
Date Extracted :	09/05/2006	Time Analyzed :	16:37
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93567	BKS93567	E37786.D	09/20/2006
NWO-017-0034MS	608163-001-001-1/2MS	E37787.D	09/20/2006
NWO-017-0034MSD	608163-001-001-1/2MSD	E37788.D	09/20/2006
NWO-017-0034	608163-001-001-1/2	E37789.D	09/20/2006
NWO-017-1007	608163-002-003-1/2	E37790.D	09/20/2006
NWO-017-1002	608163-003-005-1/2	E37791.D	09/20/2006
NWO-017-0025	608163-004-007-1/2	E37792.D	09/20/2006
NWO-017-1005	608163-005-009-1/2	E37793.D	09/20/2006
NWO-017-1006	608163-006-011-1/2	E37794.D	09/20/2006
NWO-017-0033	608163-007-013-1/2	E37798.D	09/20/2006
NWO-017-0024	608163-008-015-1/2	E37799.D	09/20/2006
NWO-017-1004	608163-012-017-1/2	E37800.D	09/20/2006

B. Sample Data

1. TCL Results
2. Chromatographs from Primary and Confirmatory Analyses
3. Integration Report for Primary and Confirmatory Analyses

GPL Laboratories

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2
Sample Volume :	10.03	Lab File ID :	E37789.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37789.D Vial: 5
Acq On : 20 Sep 2006 18:49 Operator: ST.
Sample : 608163-001-001-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:55 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	28762411	111.560	PPB	
Spiked Amount 300.000	Recovery = 37.19%				
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	d

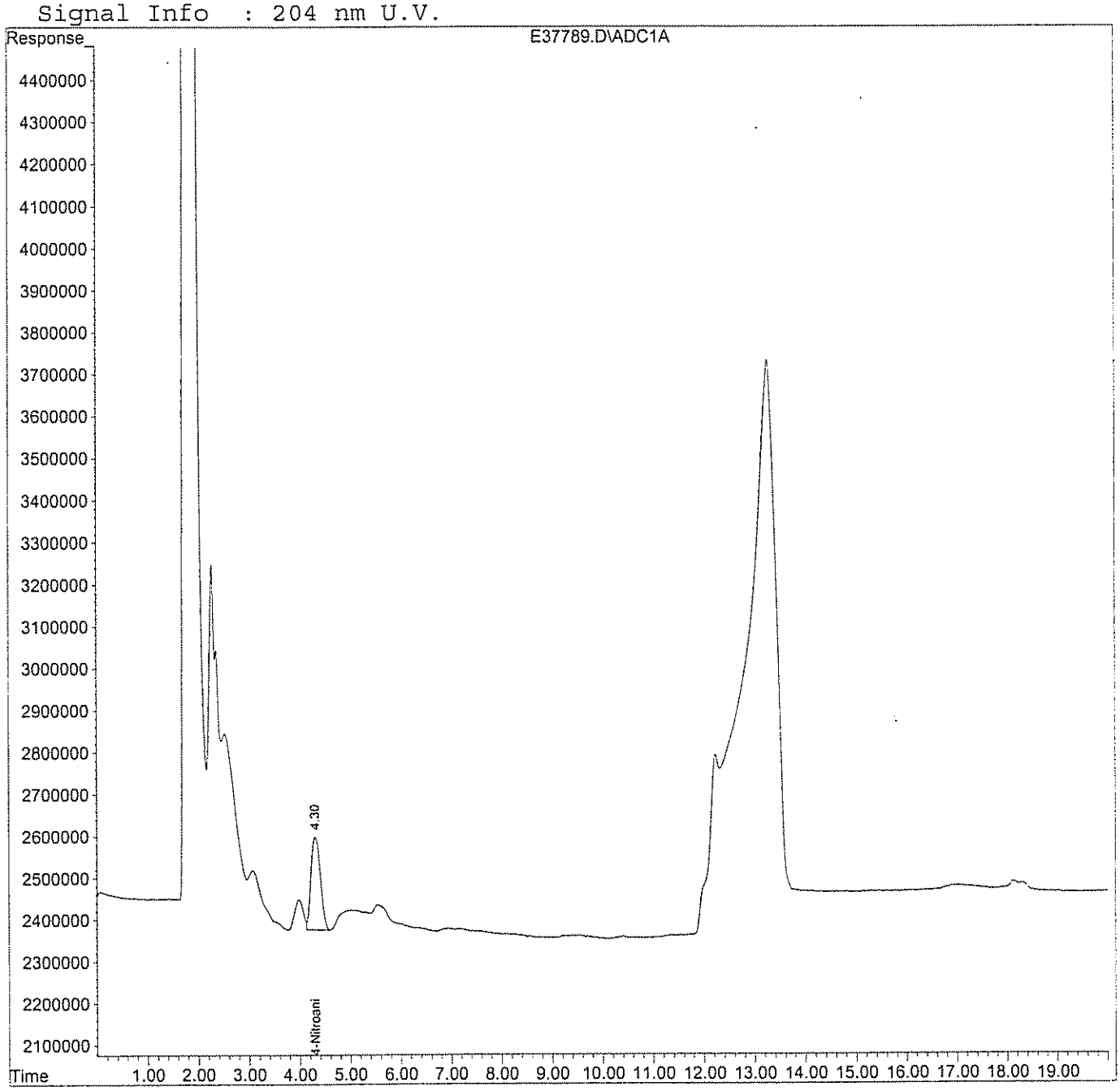
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37789.D Vial: 5
Acq On : 20 Sep 2006 18:49 Operator: ST.
Sample : 608163-001-001-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:55 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1007

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-002-003-1/2
Sample Volume :	10.03	Lab File ID :	E37790.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37790.D Vial: 6
Acq On : 20 Sep 2006 19:10 Operator: ST.
Sample : 608163-002-003-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:56 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.30	33246124	128.951	PPB
Spiked Amount 300.000		Recovery =	42.98%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

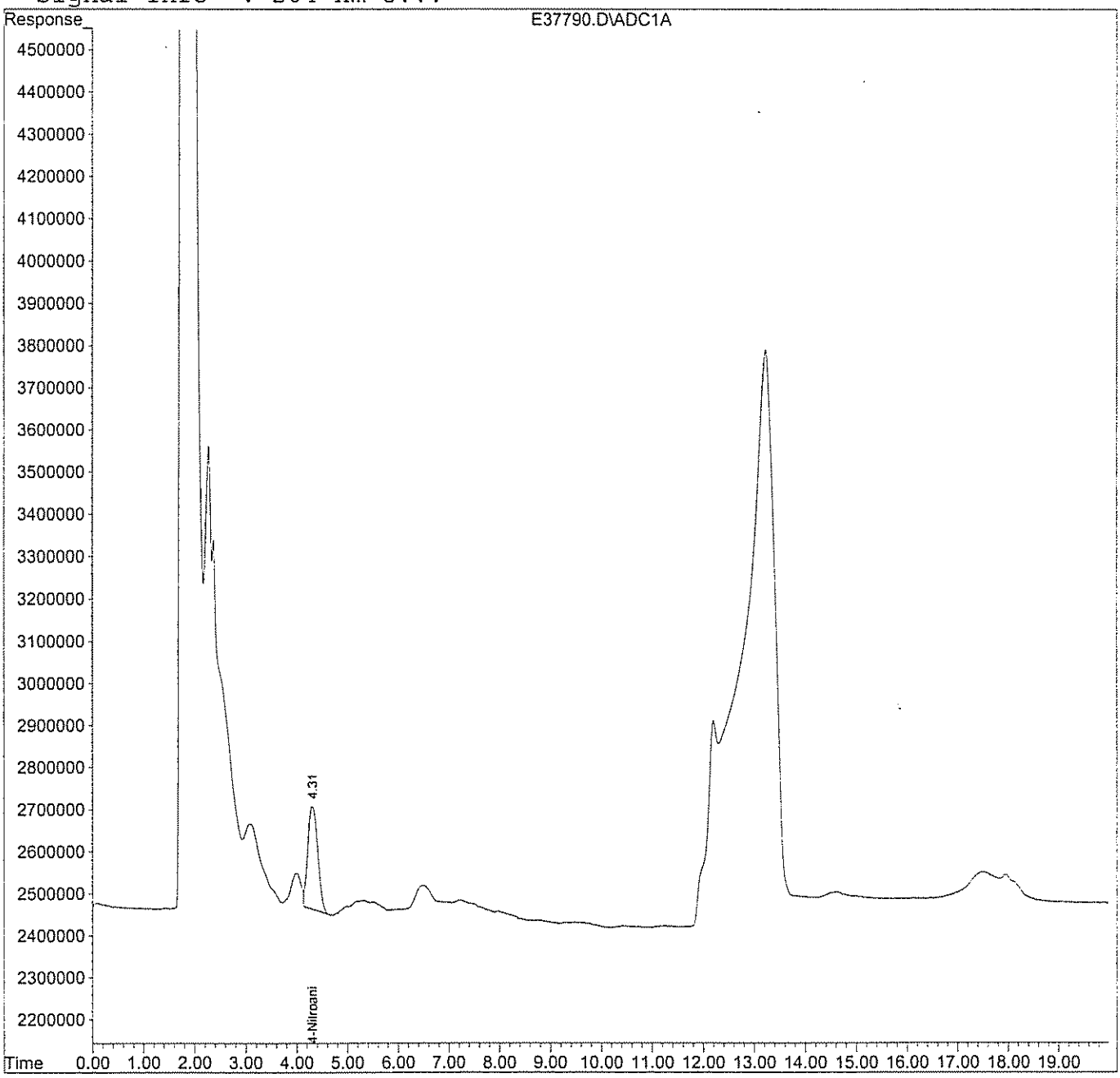
(f)=RT Delta > 1/2 Window (m)=manual int.
E37790.D 6920PETN.M Thu Sep 21 10:45:13 2006 RPT Page 1

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37790.D Vial: 6
Acq On : 20 Sep 2006 19:10 Operator: ST.
Sample : 608163-002-003-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:56 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1002

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-003-005-1/2
Sample Volume :	10.04	Lab File ID :	E37791.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37791.D Vial: 7
Acq On : 20 Sep 2006 19:32 Operator: ST.
Sample : 608163-003-005-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:56 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.31	34511469	133.859	PPB	m
Spiked Amount 300.000		Recovery =	44.62%		
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

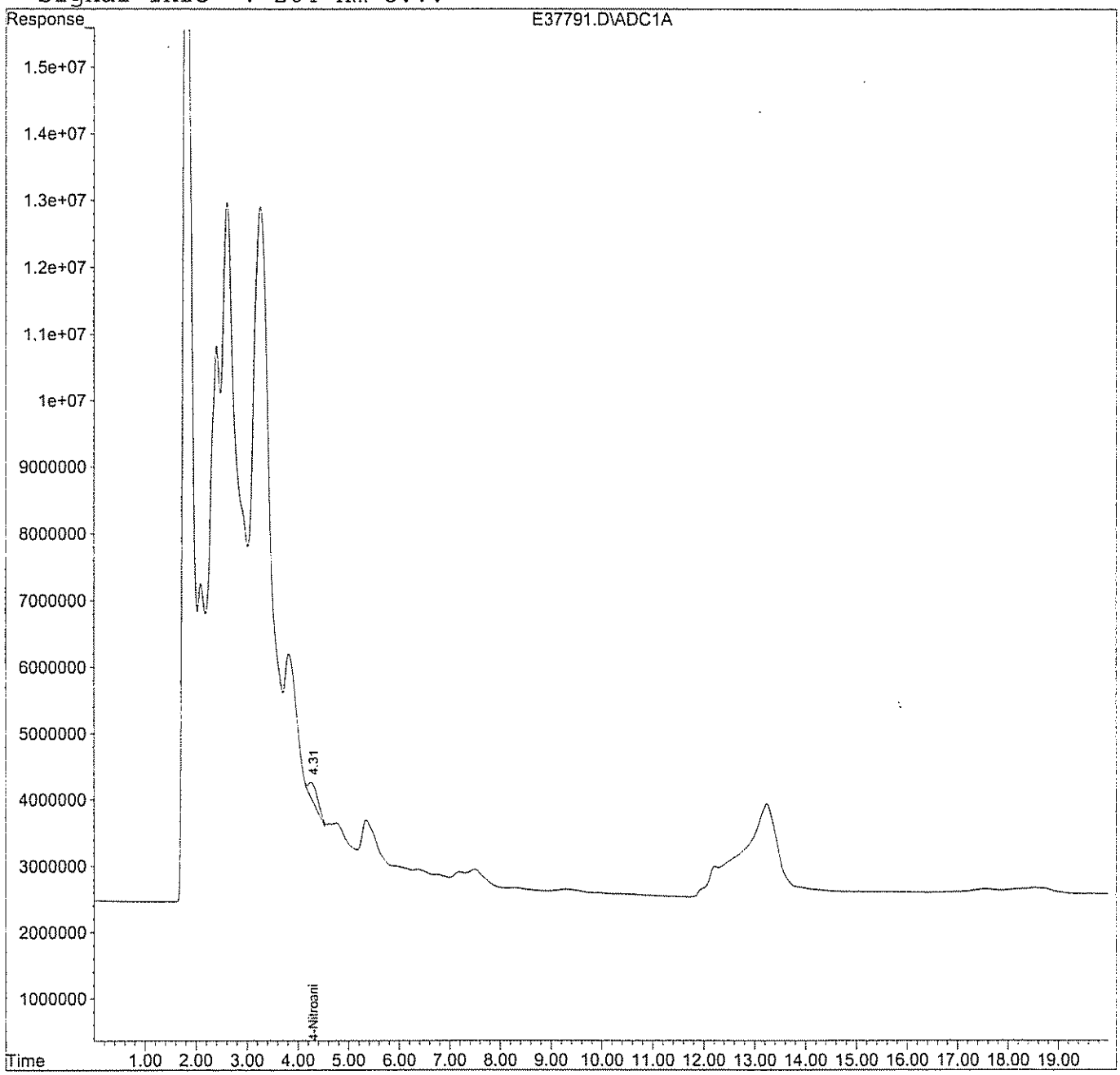
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37791.D Vial: 7
Acq On : 20 Sep 2006 19:32 Operator: ST.
Sample : 608163-003-005-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:56 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0025

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-004-007-1/2
Sample Volume :	10	Lab File ID :	E37792.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37792.D Vial: 8
Acq On : 20 Sep 2006 19:53 Operator: ST.
Sample : 608163-004-007-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:39 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.29	31001370	120.245	PPB
Spiked Amount 300.000		Recovery =	40.08%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

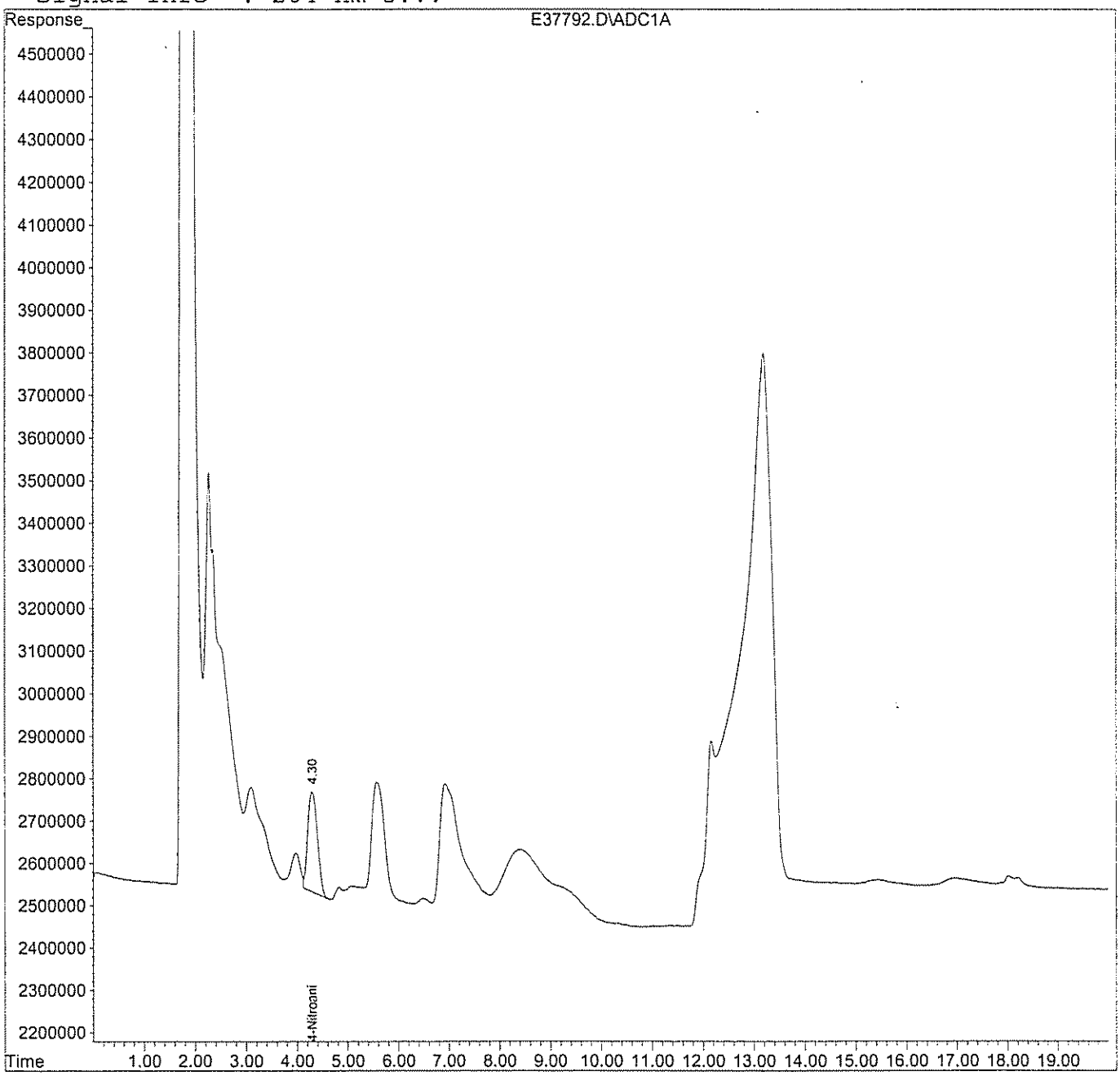
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37792.D Vial: 8
Acq On : 20 Sep 2006 19:53 Operator: ST.
Sample : 608163-004-007-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:39 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1005

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-005-009-1/2
Sample Volume :	10	Lab File ID :	E37793.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37793.D Vial: 9
Acq On : 20 Sep 2006 20:14 Operator: ST.
Sample : 608163-005-009-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	44073226	170.946	PPB	m
Spiked Amount 300.000	Recovery = 56.98%				
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

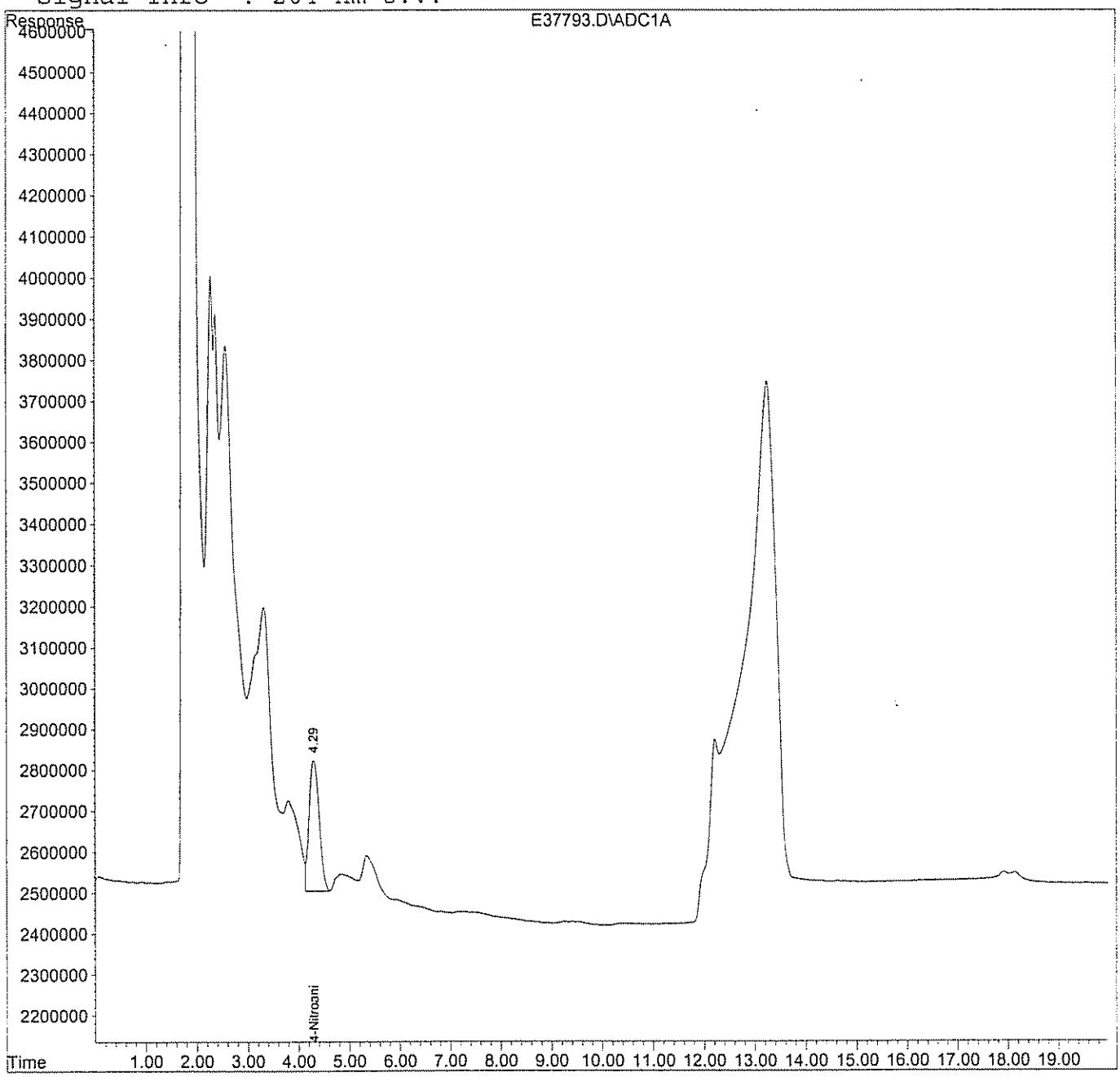
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37793.D Vial: 9
Acq On : 20 Sep 2006 20:14 Operator: ST.
Sample : 608163-005-009-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1006

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-006-011-1/2
Sample Volume :	10.01	Lab File ID :	E37794.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37794.D Vial: 10
Acq On : 20 Sep 2006 20:36 Operator: ST.
Sample : 608163-006-011-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.29	47998748	186.172	PPB
Spiked Amount 300.000	Recovery = 62.06%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

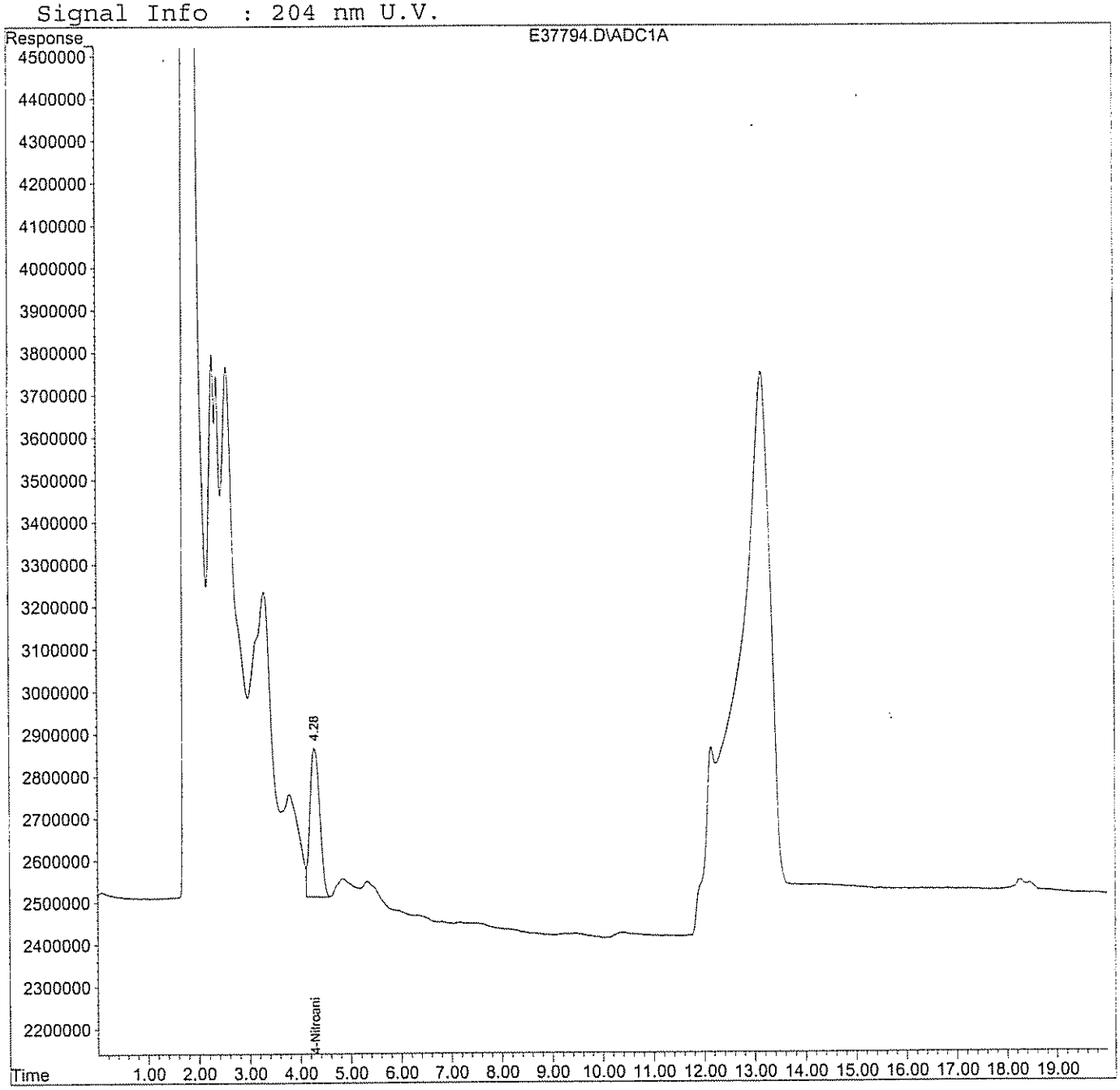
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37794.D Vial: 10
Acq On : 20 Sep 2006 20:36 Operator: ST.
Sample : 608163-006-011-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-007-013-1/2
Sample Volume :	10.03	Lab File ID :	E37798.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37798.D Vial: 14
Acq On : 20 Sep 2006 22:01 Operator: ST.
Sample : 608163-007-013-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.31	34439441	133.580	PPB
Spiked Amount 300.000	Recovery = 44.53%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

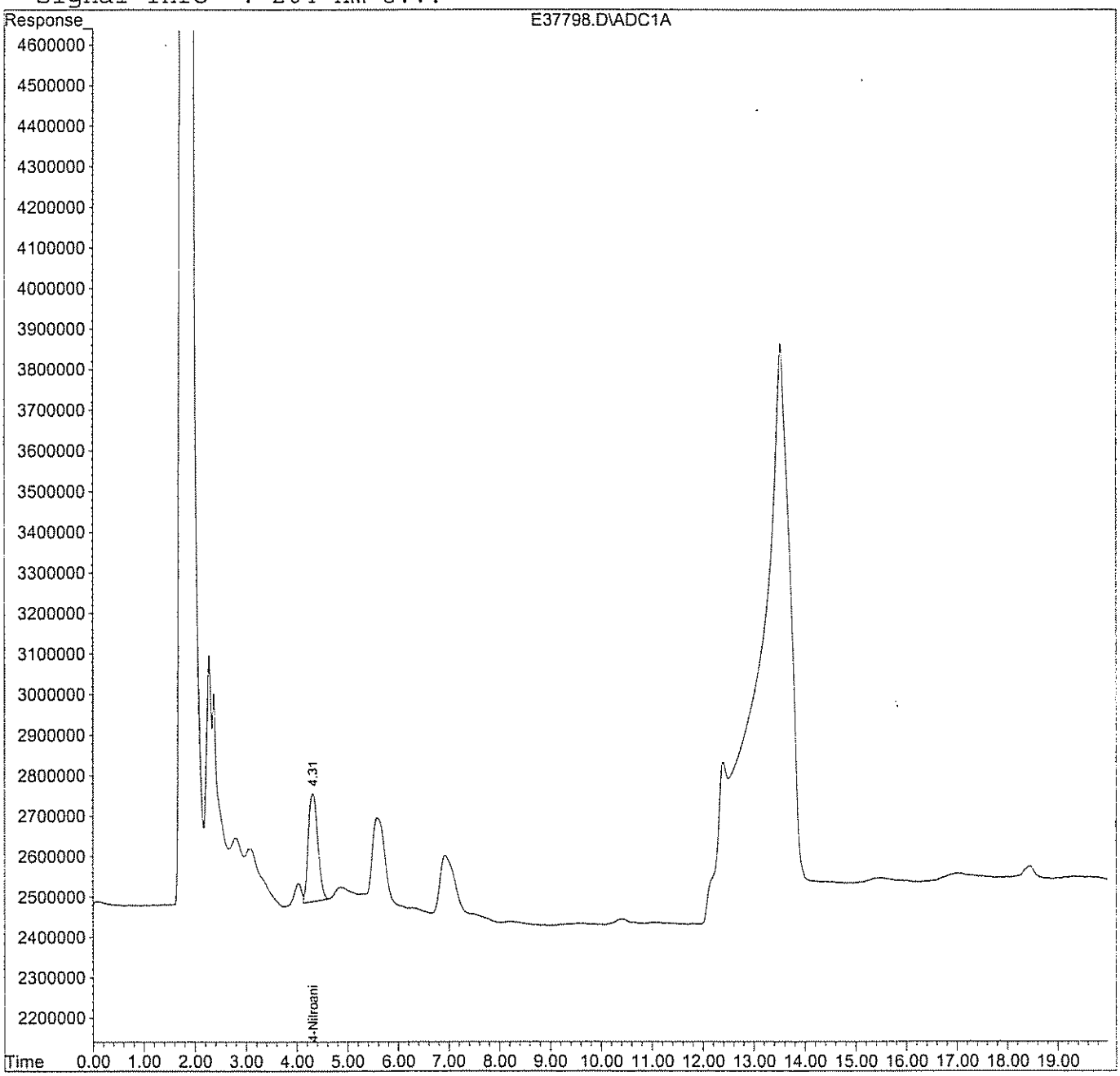
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37798.D Vial: 14
Acq On : 20 Sep 2006 22:01 Operator: ST.
Sample : 608163-007-013-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:40 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0024

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-008-015-1/2
Sample Volume :	10	Lab File ID :	E37799.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37799.D Vial: 15
Acq On : 20 Sep 2006 22:22 Operator: ST.
Sample : 608163-008-015-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:41 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.31	29750229	115.392	PPB
Spiked Amount 300.000		Recovery =	38.46%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

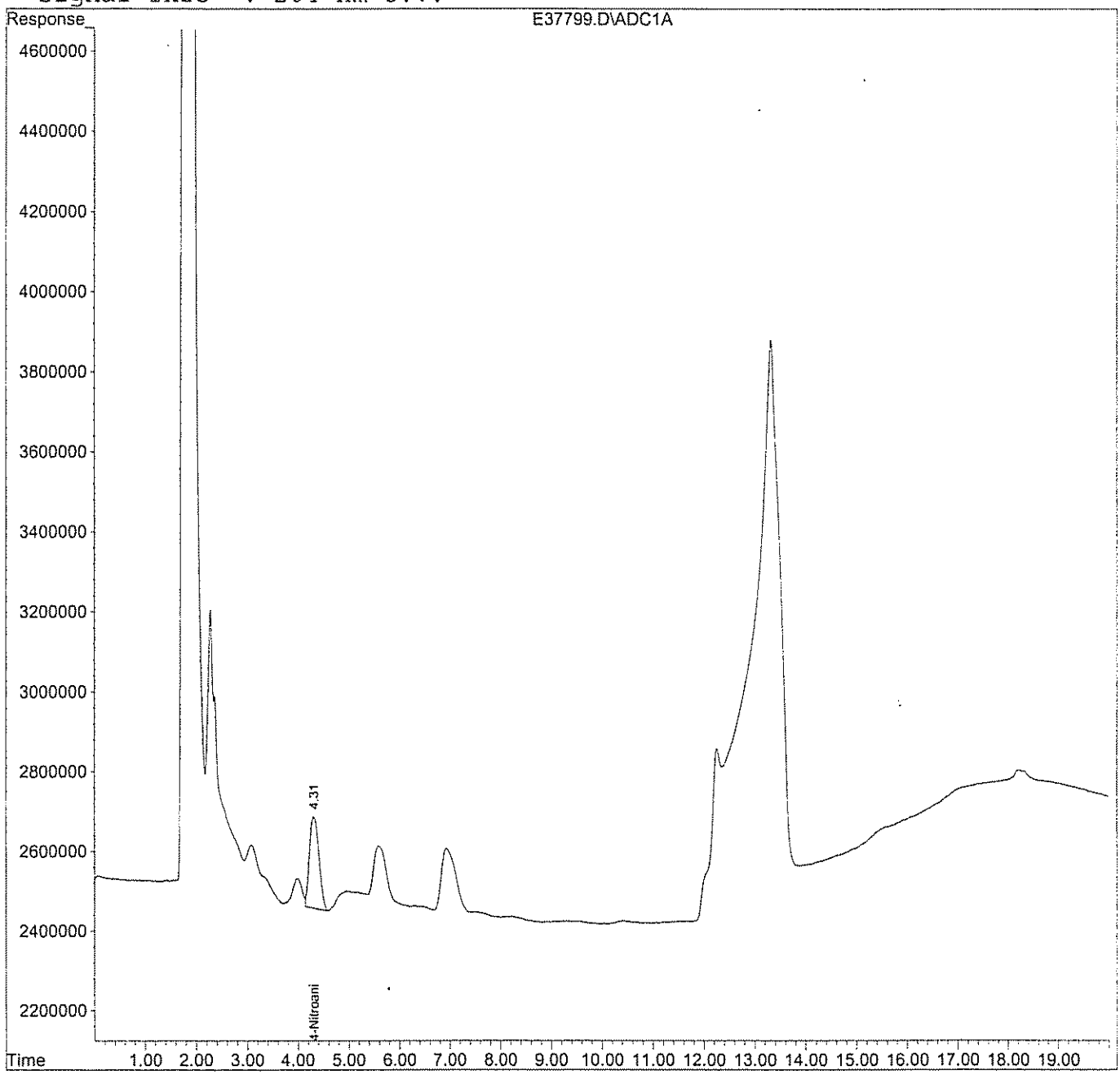
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37799.D Vial: 15
Acq On : 20 Sep 2006 22:22 Operator: ST.
Sample : 608163-008-015-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:41 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-1004

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-012-017-1/2
Sample Volume :	10.02	Lab File ID :	E37800.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37800.D Vial: 16
Acq On : 20 Sep 2006 22:44 Operator: ST.
Sample : 608163-012-017-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:42 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	31752985	123.160	PPB	m
Spiked Amount 300.000		Recovery =	41.05%		
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

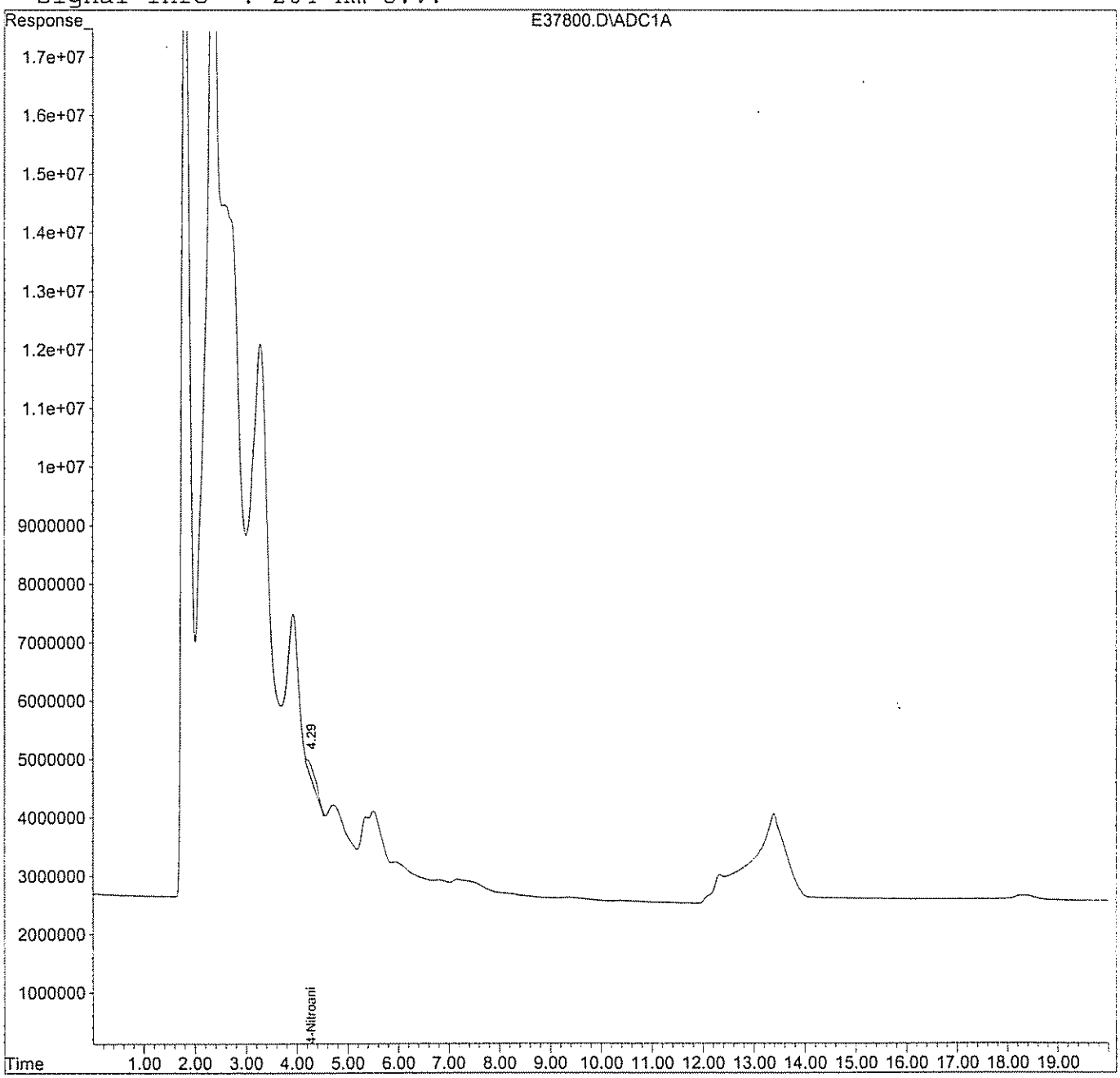
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37800.D Vial: 16
Acq On : 20 Sep 2006 22:44 Operator: ST.
Sample : 608163-012-017-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:42 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

Response Factor Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006

Calibration Files
LEV1 =E37777.D LEV2 =E37778.D LEV3 =E37779.D
LEV4 =E37780.D LEV5 =E37781.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-Nitroaniline	2.788	2.626	2.504	2.519	2.453	2.578	E5	5.17
2)	T	PETN	1.715	1.938	1.936	1.967	2.054	1.922	E5	6.51

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37776.D Vial: 1
Acq On : 20 Sep 2006 9:18 Operator: ST.
Sample : PETN BLK Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:49 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	0.00	0	N.D.	PPB
Spiked Amount 300.000	Recovery = 0.00%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

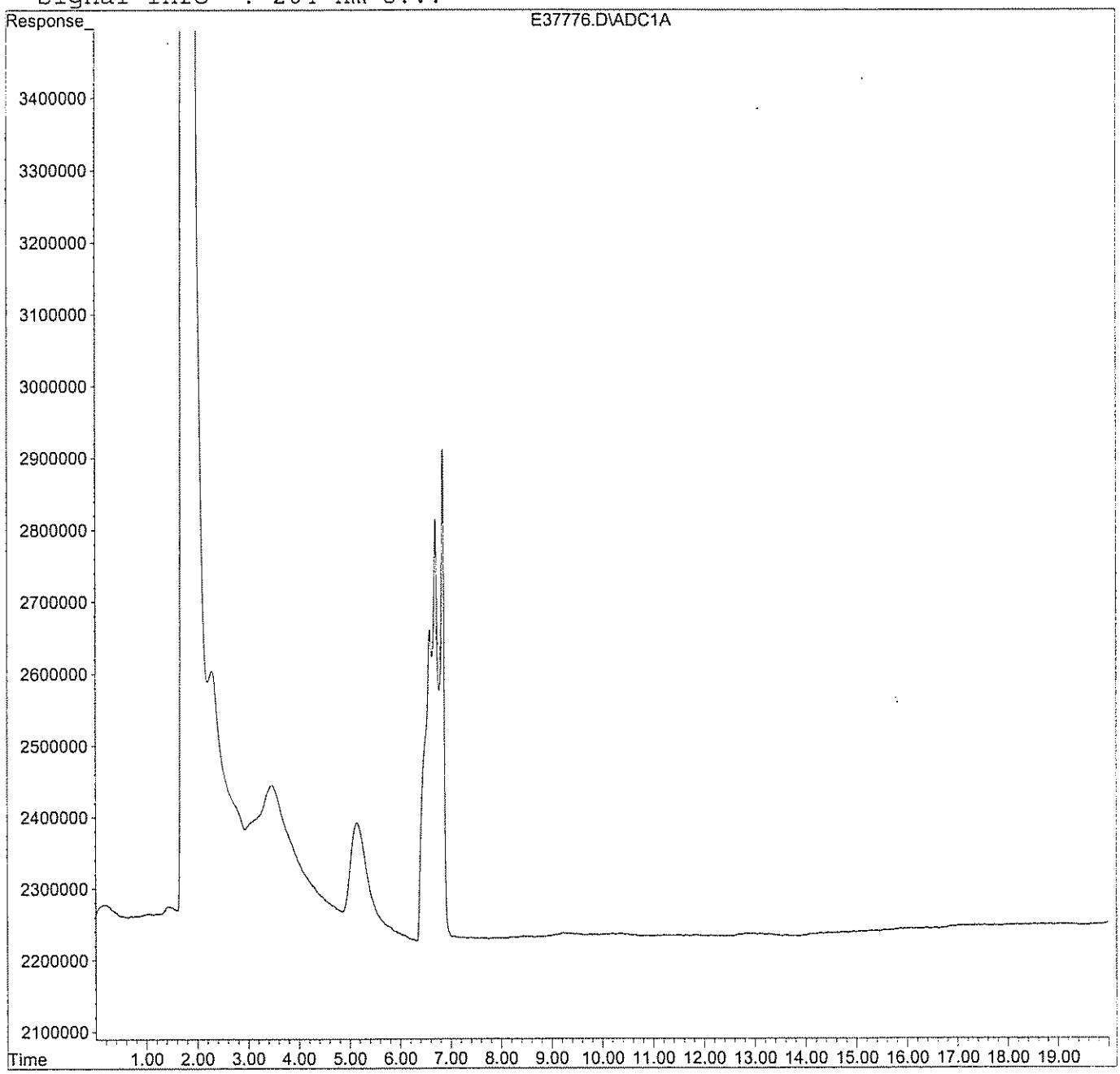
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37776.D Vial: 1
Acq On : 20 Sep 2006 9:18 Operator: ST.
Sample : PETN BLK Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:49 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37777.D Vial: 2
Acq On : 20 Sep 2006 9:39 Operator: ST.
Sample : PETN LEVEL-1 50PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.28	13942372	42.949	PPB	m
Spiked Amount 300.000		Recovery =	14.32%		
Target Compounds					
2) T PETN	17.08	8574675	49.843	PPB	m

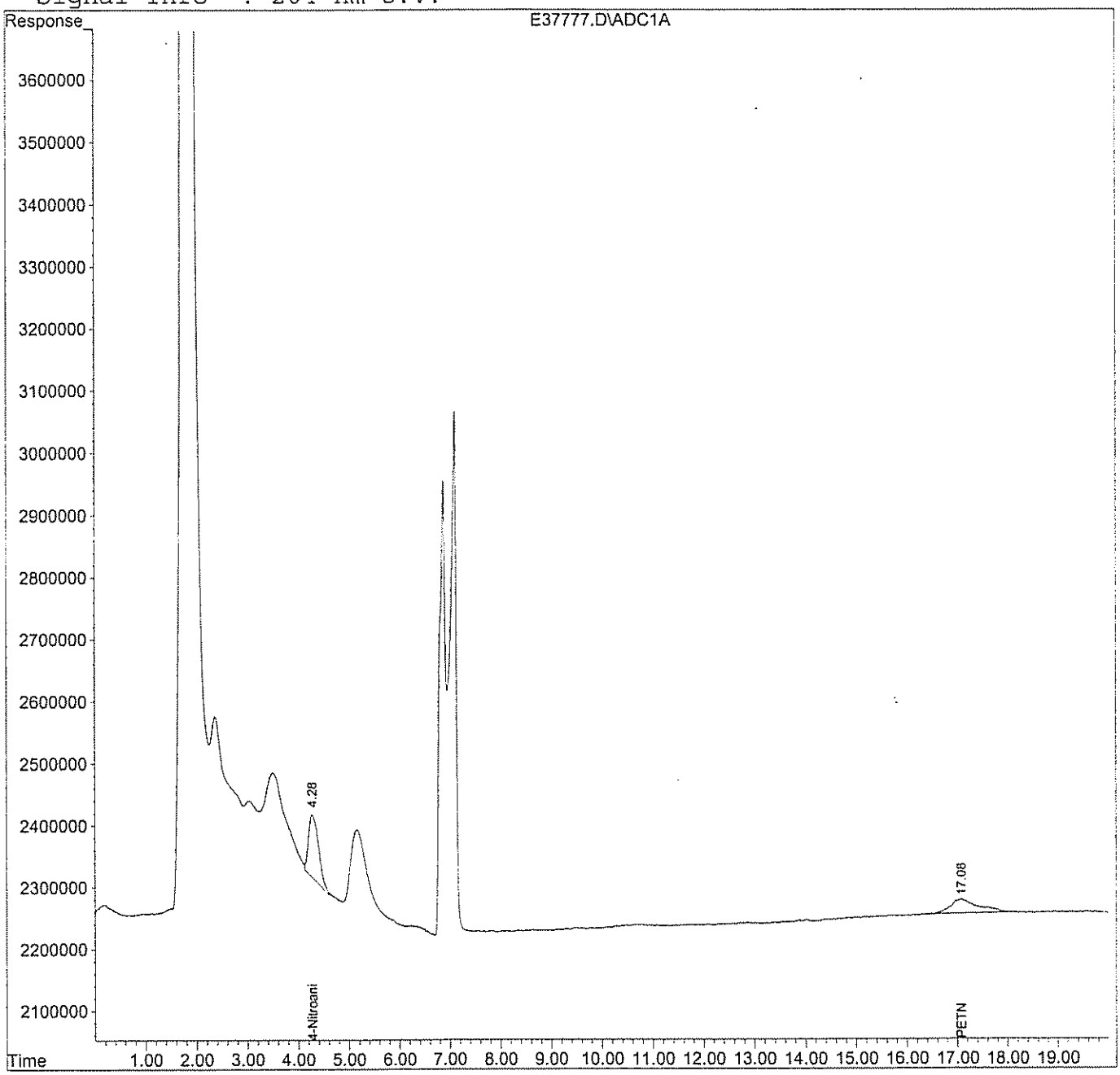
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37777.D Vial: 2
Acq On : 20 Sep 2006 9:39 Operator: ST.
Sample : PETN LEVEL-1 50PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37778.D Vial: 3
Acq On : 20 Sep 2006 10:00 Operator: ST.
Sample : PETN LEVEL-2 100PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:53 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-Nitroaniline	4.28	26263536	80.904 PPB
Spiked Amount 300.000		Recovery =	26.97%
Target Compounds			
2) T PETN	17.01	19383671	112.674 PPB m

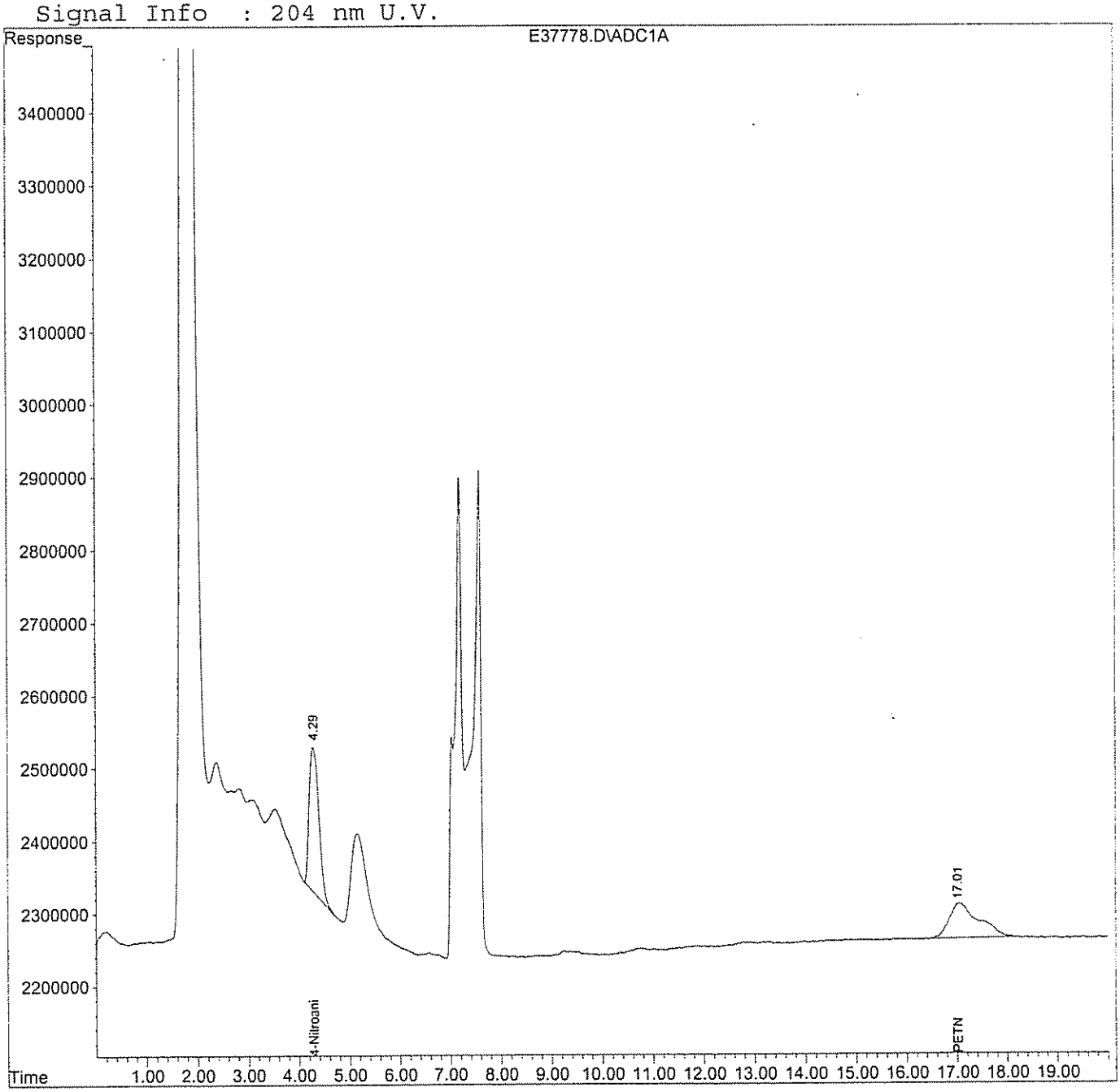
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37778.D Vial: 3
Acq On : 20 Sep 2006 10:00 Operator: ST.
Sample : PETN LEVEL-2 100PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:53 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37779.D Vial: 4
Acq On : 20 Sep 2006 10:22 Operator: ST.
Sample : PETN LEVEL-3 200PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:06 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	50070641	192.502	PPB	m
Spiked Amount 300.000		Recovery = 64.17%			
Target Compounds					
2) T PETN	17.05	38728102	201.268	PPB	m

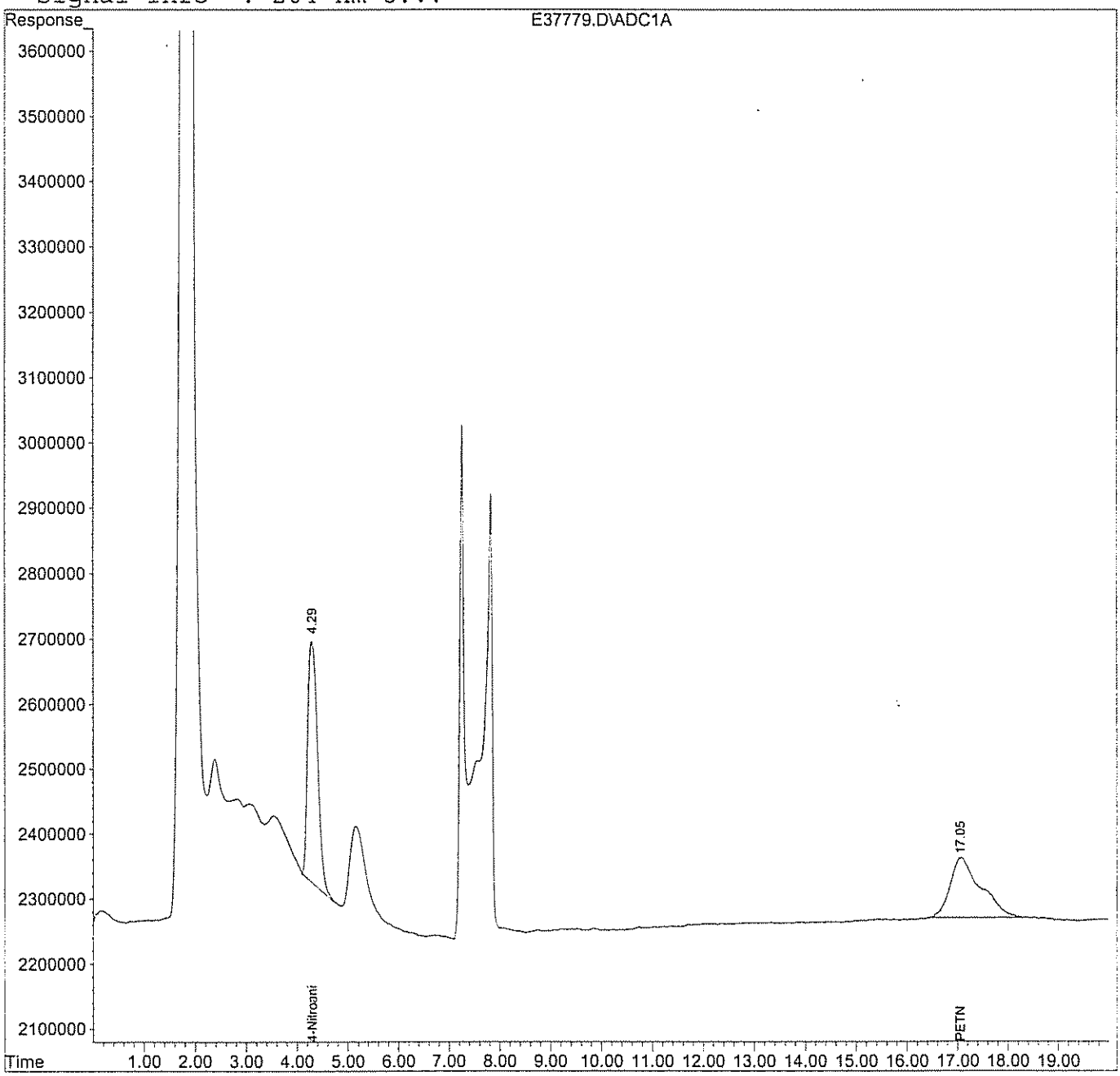
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37779.D Vial: 4
Acq On : 20 Sep 2006 10:22 Operator: ST.
Sample : PETN LEVEL-3 200PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:06 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37780.D Vial: 5
Acq On : 20 Sep 2006 10:43 Operator: ST.
Sample : PETN LEVEL-4 500PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:57 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

	Compound	R.T.	Response	Conc	Units	
	System Monitoring Compounds					
1) S	4-Nitroaniline	4.29	125966173	388.034	PPB	m
Spiked Amount	300.000		Recovery =	129.34%		
	Target Compounds					
2) T	PETN	17.07	98340090	571.636	PPB	m

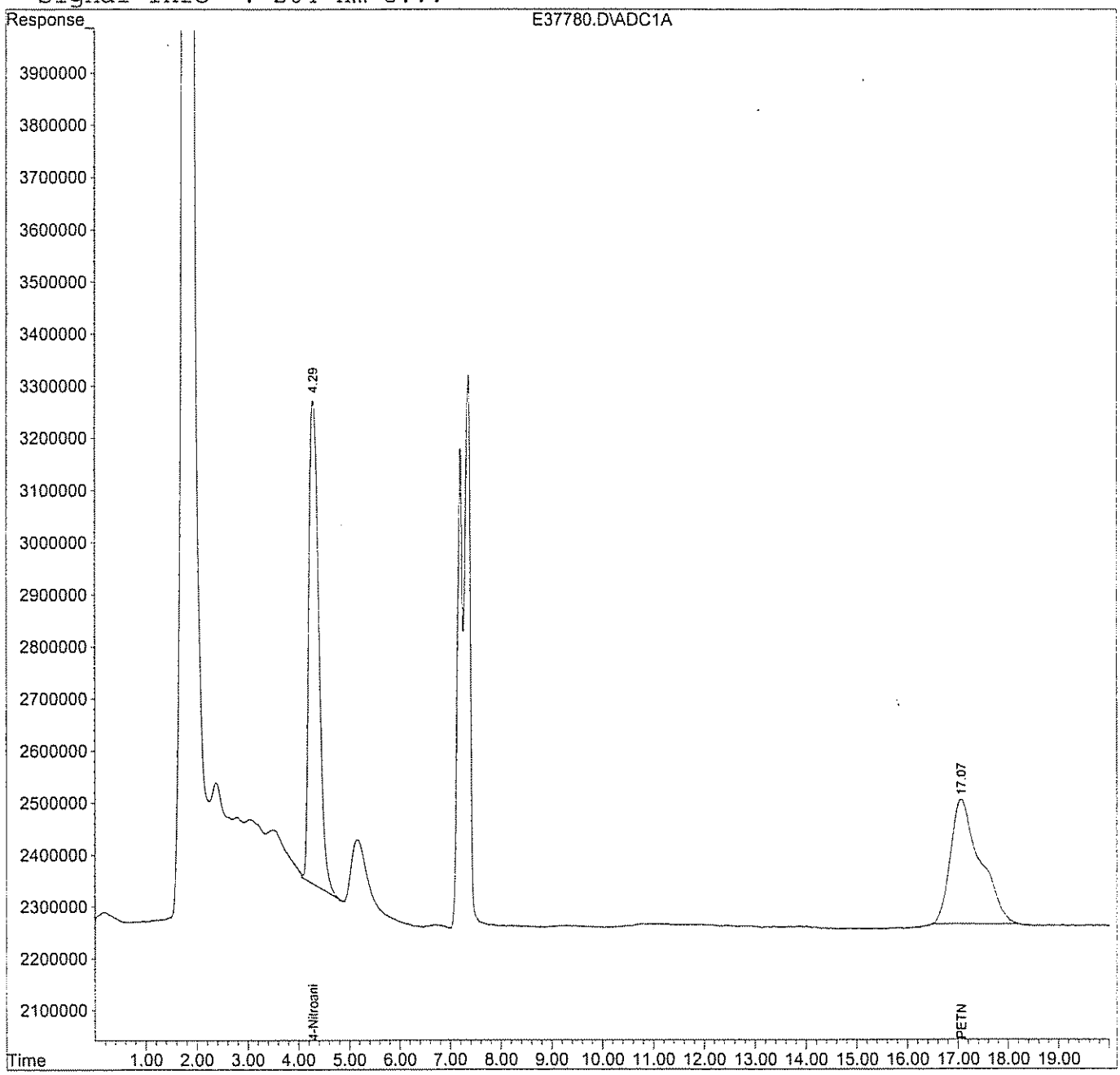
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37780.D Vial: 5
Acq On : 20 Sep 2006 10:43 Operator: ST.
Sample : PETN LEVEL-4 500PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:57 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37781.D Vial: 6
Acq On : 20 Sep 2006 11:04 Operator: ST.
Sample : PETN LEVEL-5 1000PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	245326842	755.720	PPB	m
Spiked Amount 300.000	Recovery = 251.91%				
Target Compounds					
2) T PETN	17.13f	203578311	1183.370	PPB	m

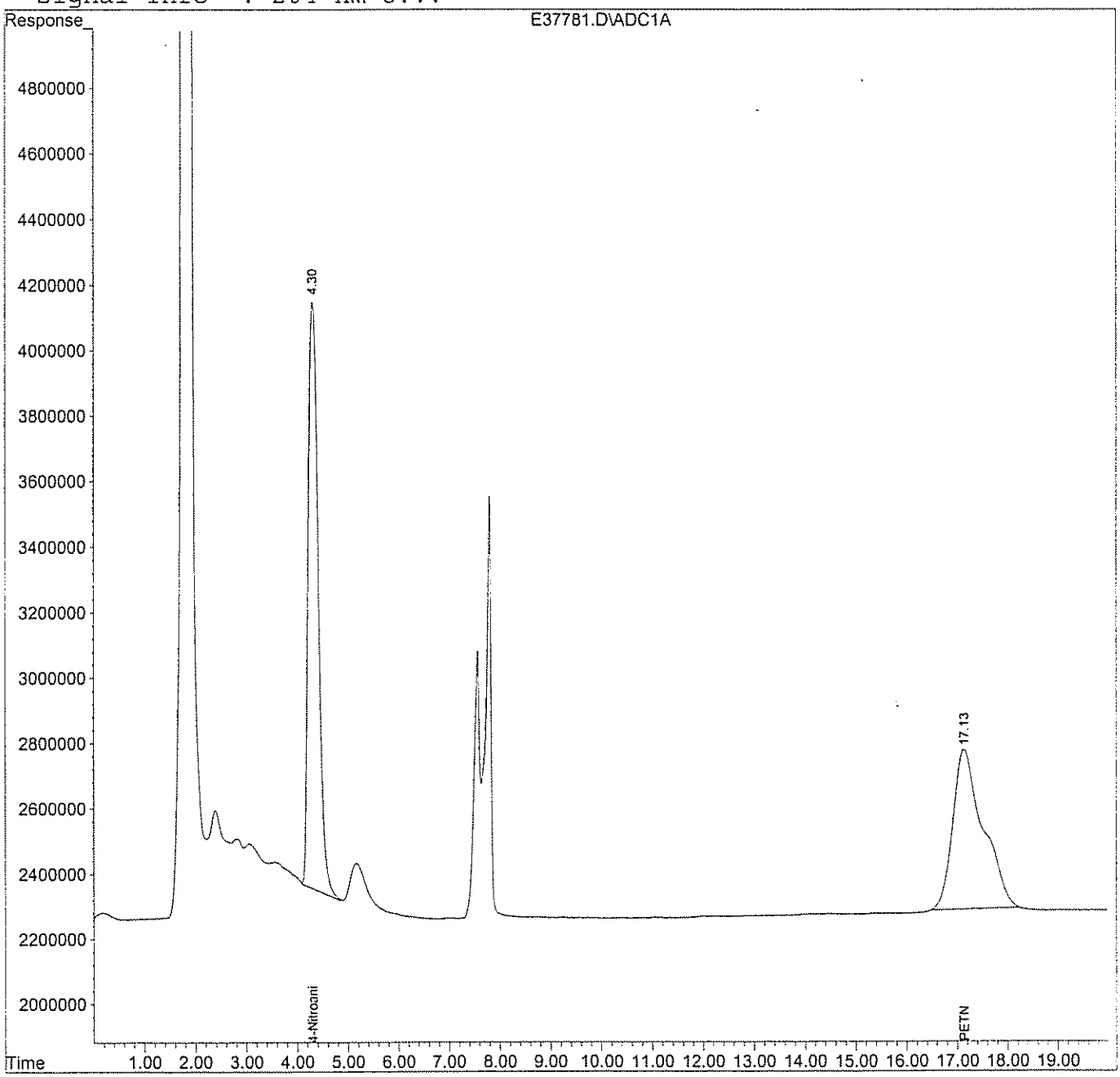
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37781.D Vial: 6
Acq On : 20 Sep 2006 11:04 Operator: ST.
Sample : PETN LEVEL-5 1000PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37782.D Vial: 7
Acq On : 20 Sep 2006 11:26 Operator: ST.
Sample : PETN ICV- 10PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	56124083	215.776	PPB	m
Spiked Amount 300.000	Recovery = 71.93%				
Target Compounds					
2) T PETN	17.11f	38884300	202.080	PPB	m

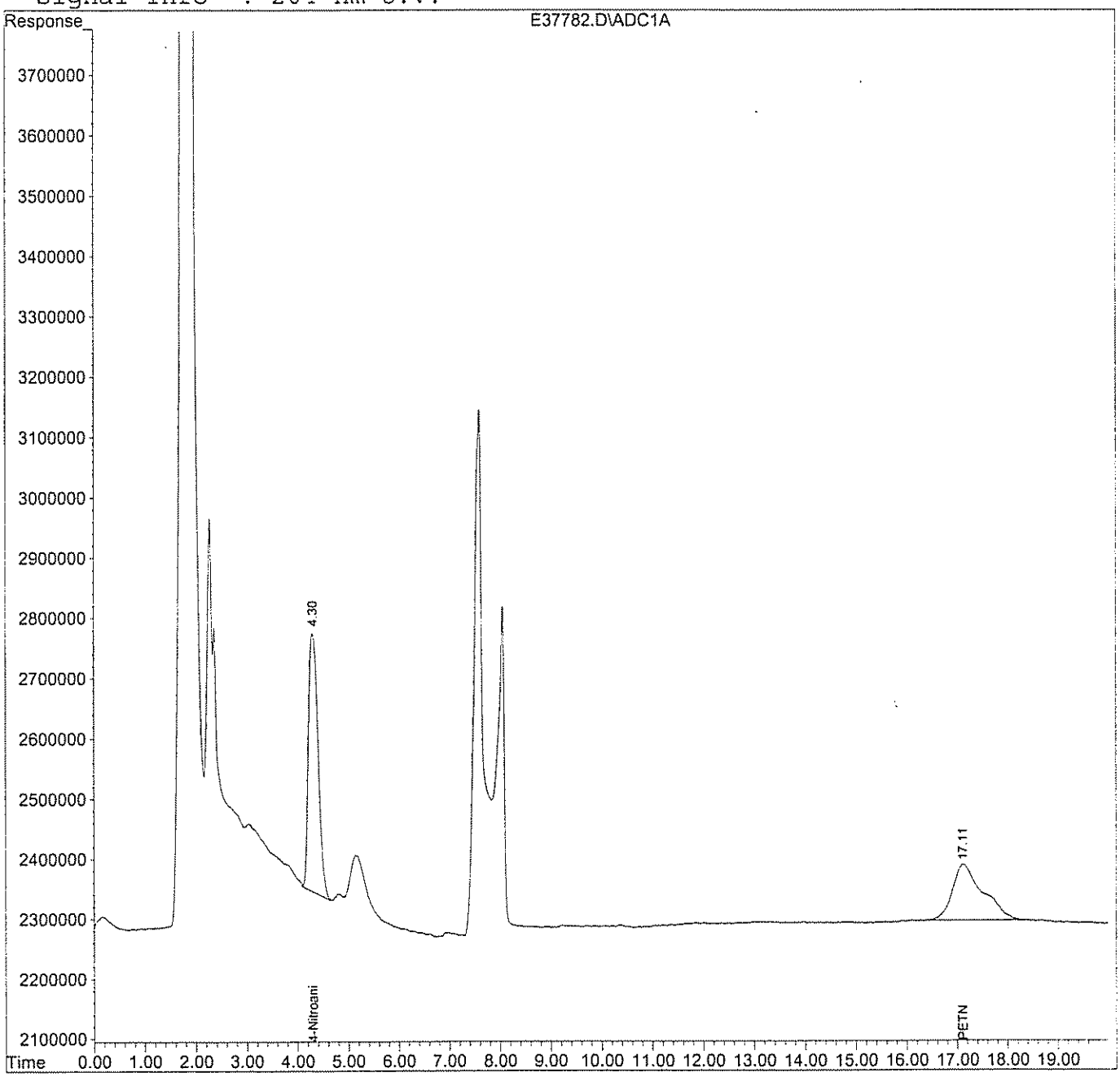
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37782.D Vial: 7
Acq On : 20 Sep 2006 11:26 Operator: ST.
Sample : PETN ICV- 10PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Thu Sep 21 10:47:20 2006
Response via : Initial Calibration

Continuing Calibration File: E37784.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	254.340	E3	1.3	102
2	T	PETN	192.201	200.528	E3	-4.3	104

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E37784.D 6920PETN.M Thu Sep 21 10:47:23 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37784.D Vial: 1
Acq On : 20 Sep 2006 15:59 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 16:30 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.31	50867974	197.301	PPB	m
Spiked Amount 300.000		Recovery =	65.77%		
Target Compounds					
2) T PETN	17.18f	40105525	208.664	PPB	m

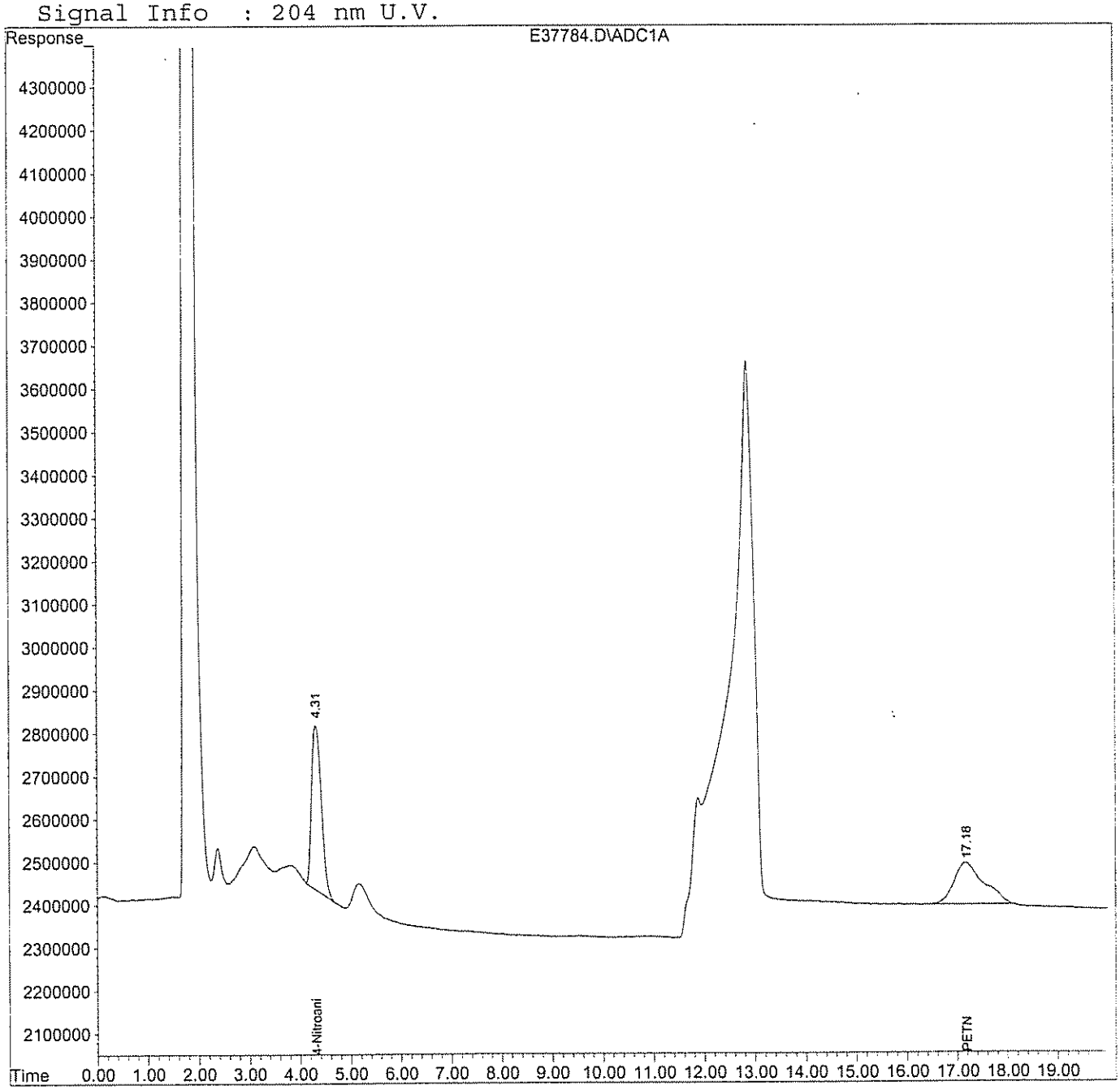
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37784.D Vial: 1
Acq On : 20 Sep 2006 15:59 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 16:30 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Thu Sep 21 10:47:38 2006
Response via : Initial Calibration

Continuing Calibration File: E37797.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	251.238	E3	2.6	100
2	T	PETN	192.201	215.781	E3	-12.3	111

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E37797.D 6920PETN.M Thu Sep 21 10:47:40 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37797.D Vial: 13
Acq On : 20 Sep 2006 21:40 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:19 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	50247571	194.895	PPB	m
Spiked Amount 300.000		Recovery =	64.97%		
Target Compounds					
2) T PETN	17.14	43156285	224.537	PPB	m

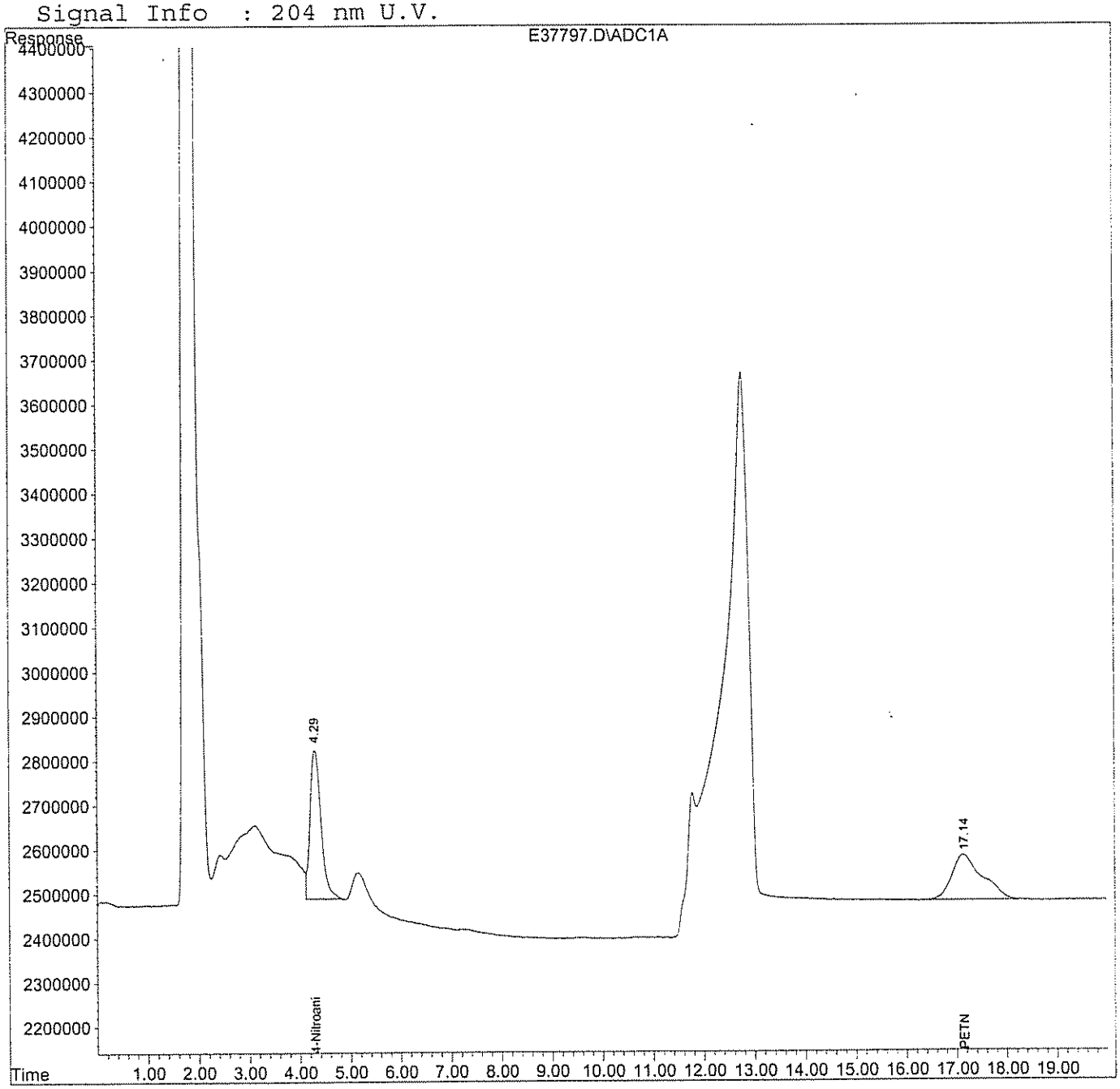
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37797.D Vial: 13
Acq On : 20 Sep 2006 21:40 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:19 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Thu Sep 21 10:47:55 2006
Response via : Initial Calibration

Continuing Calibration File: E37810.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	247.671	E3	3.9	99
2	T	PETN	192.201	215.987	E3	-12.4	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E37810.D 6920PETN.M Thu Sep 21 10:48:00 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37810.D Vial: 26
Acq On : 21 Sep 2006 2:17 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:22 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.32	49534270	192.128	PPB	m
Spiked Amount 300.000	Recovery = 64.04%				
Target Compounds					
2) T PETN	17.25f	43197328	224.751	PPB	m

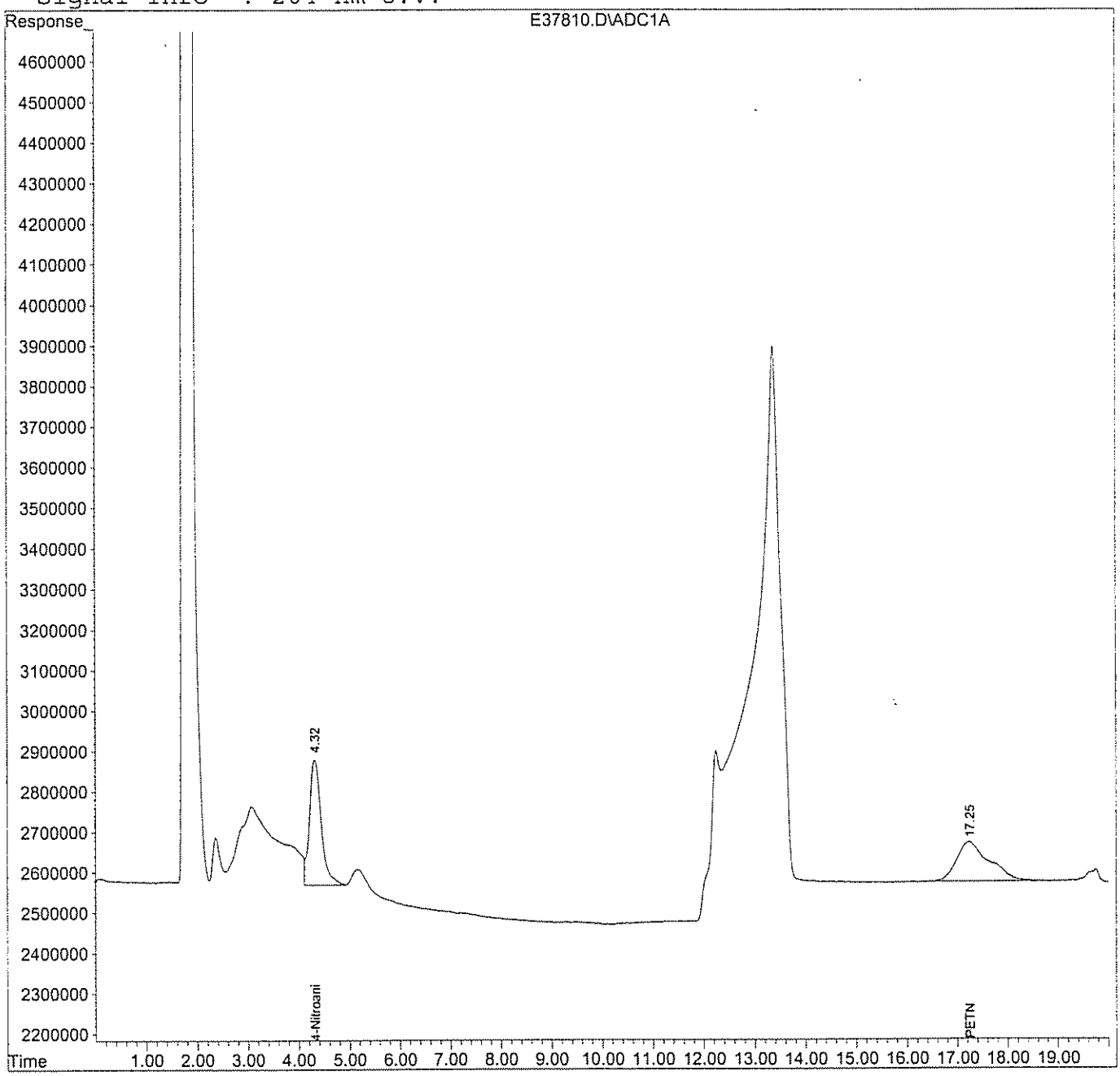
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37810.D Vial: 26
Acq On : 21 Sep 2006 2:17 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:22 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



D. Raw QC Data

1. Blank Data
2. Matrix Spike Data
3. Matrix Spike Duplicate Data
4. Laboratory Control Standard Data (where applicable)
5. Extraction Logsheet
6. Injection Logsheet

GPL Laboratories

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93567

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93567
Sample Volume :	10	Lab File ID :	E37785.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37785.D Vial: 1
Acq On : 20 Sep 2006 16:37 Operator: ST.
Sample : BLK93567 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	44495474	172.584	PPB	m
Spiked Amount 300.000	Recovery = 57.53%				
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

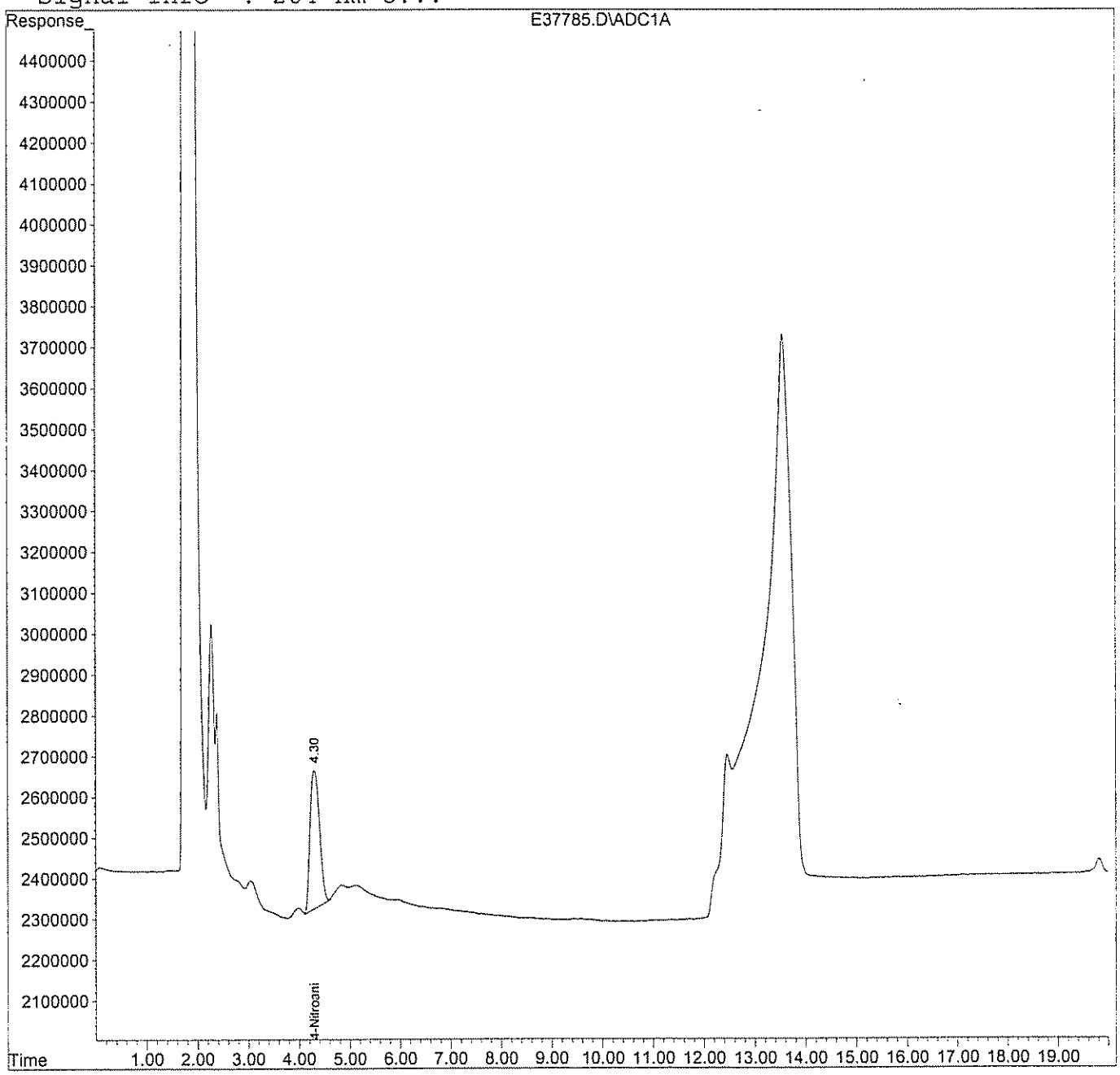
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37785.D Vial: 1
Acq On : 20 Sep 2006 16:37 Operator: ST.
Sample : BLK93567 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MS
Sample Volume :	10.02	Lab File ID :	E37787.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.33	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37787.D Vial: 3
Acq On : 20 Sep 2006 18:06 Operator: ST.
Sample : 608163-001-001-1/1MS Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:38 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	30757543	119.299	PPB	
Spiked Amount 300.000		Recovery =	39.77%		
Target Compounds					
2) T PETN	17.06	16111942	83.829	PPB	m

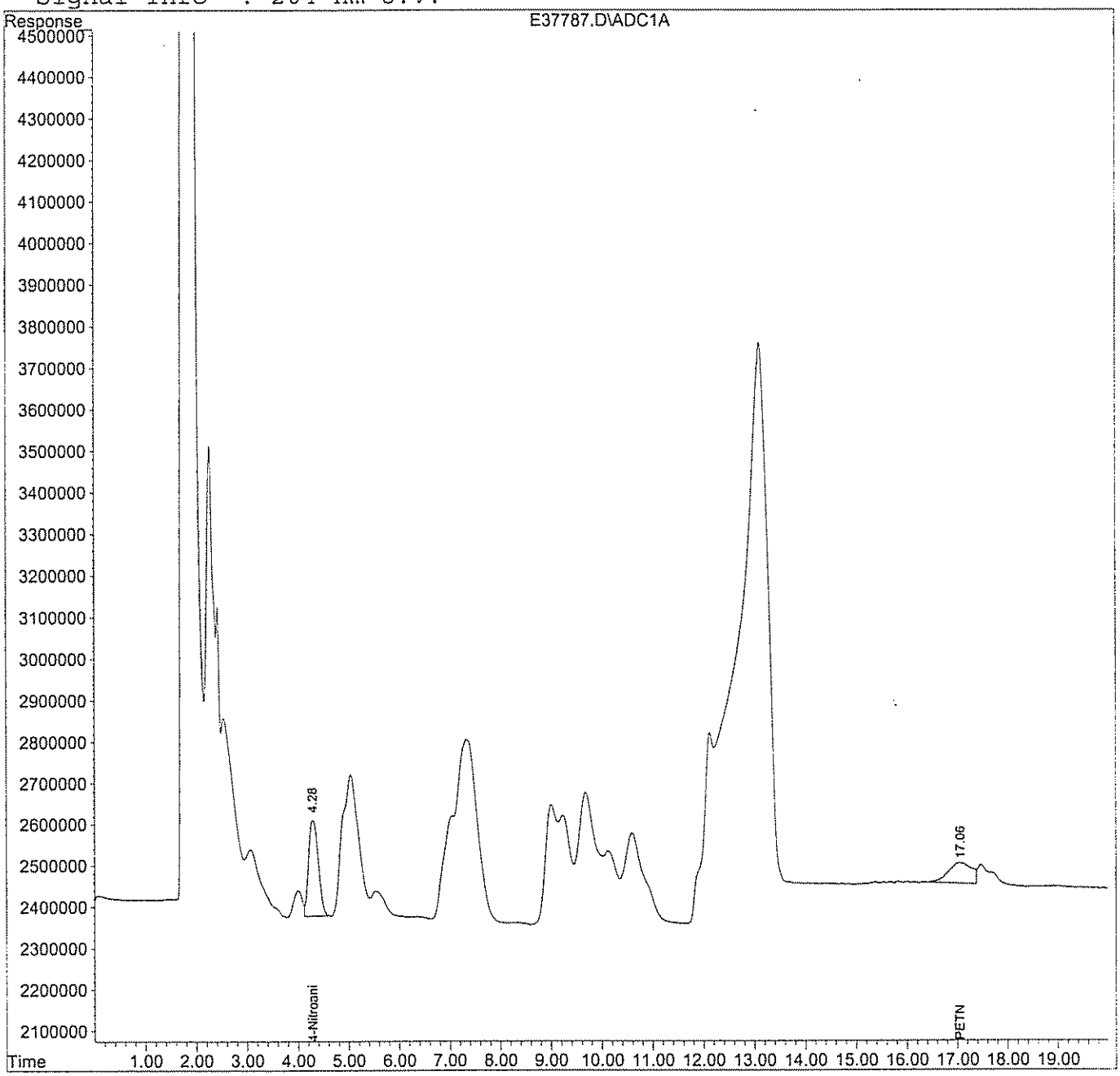
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37787.D Vial: 3
Acq On : 20 Sep 2006 18:06 Operator: ST.
Sample : 608163-001-001-1/1MS Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:38 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0034MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608163-001-001-1/2MSD
Sample Volume :	10	Lab File ID :	E37788.D
% Moisture:		Date Received	08/29/2006
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.33	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37788.D Vial: 4
Acq On : 20 Sep 2006 18:28 Operator: ST.
Sample : 608163-001-001-1/1MSD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:55 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-Nitroaniline	4.30	33138019	128.532 PPB
Spiked Amount 300.000		Recovery =	42.84%
Target Compounds			
2) T PETN	17.05	15849654	82.464 PPB m

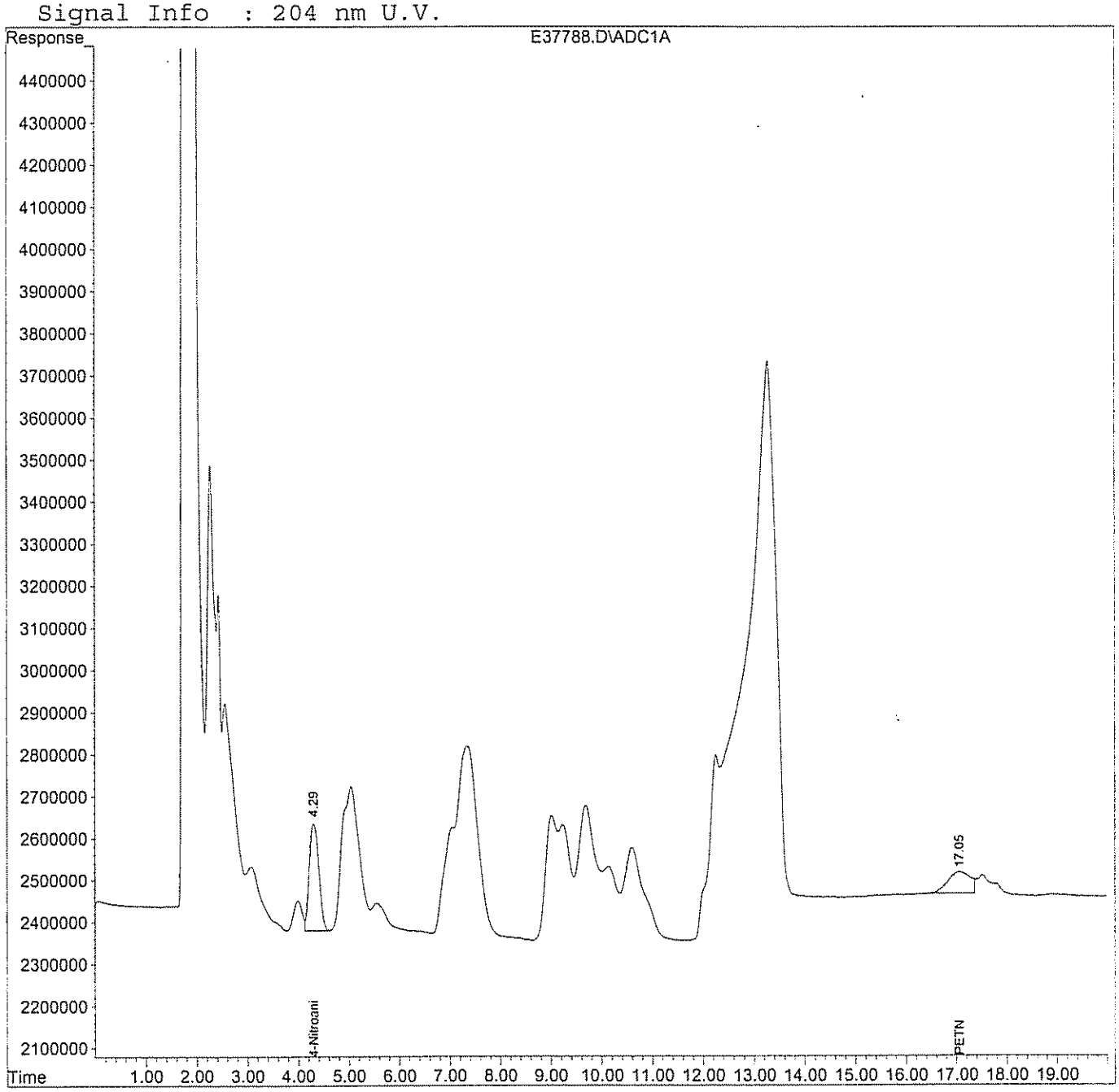
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37788.D Vial: 4
Acq On : 20 Sep 2006 18:28 Operator: ST.
Sample : 608163-001-001-1/1MSD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 19:55 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BKS93567

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608163
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93567
Sample Volume :	10	Lab File ID :	E37786.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/05/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.50	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37786.D Vial: 2
Acq On : 20 Sep 2006 16:58 Operator: ST.
Sample : BKS93567 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:03 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.31	46097737	178.799	PPB	m
Spiked Amount 300.000		Recovery = 59.60%			
Target Compounds					
2) T PETN	17.14f	23811853	123.890	PPB	m

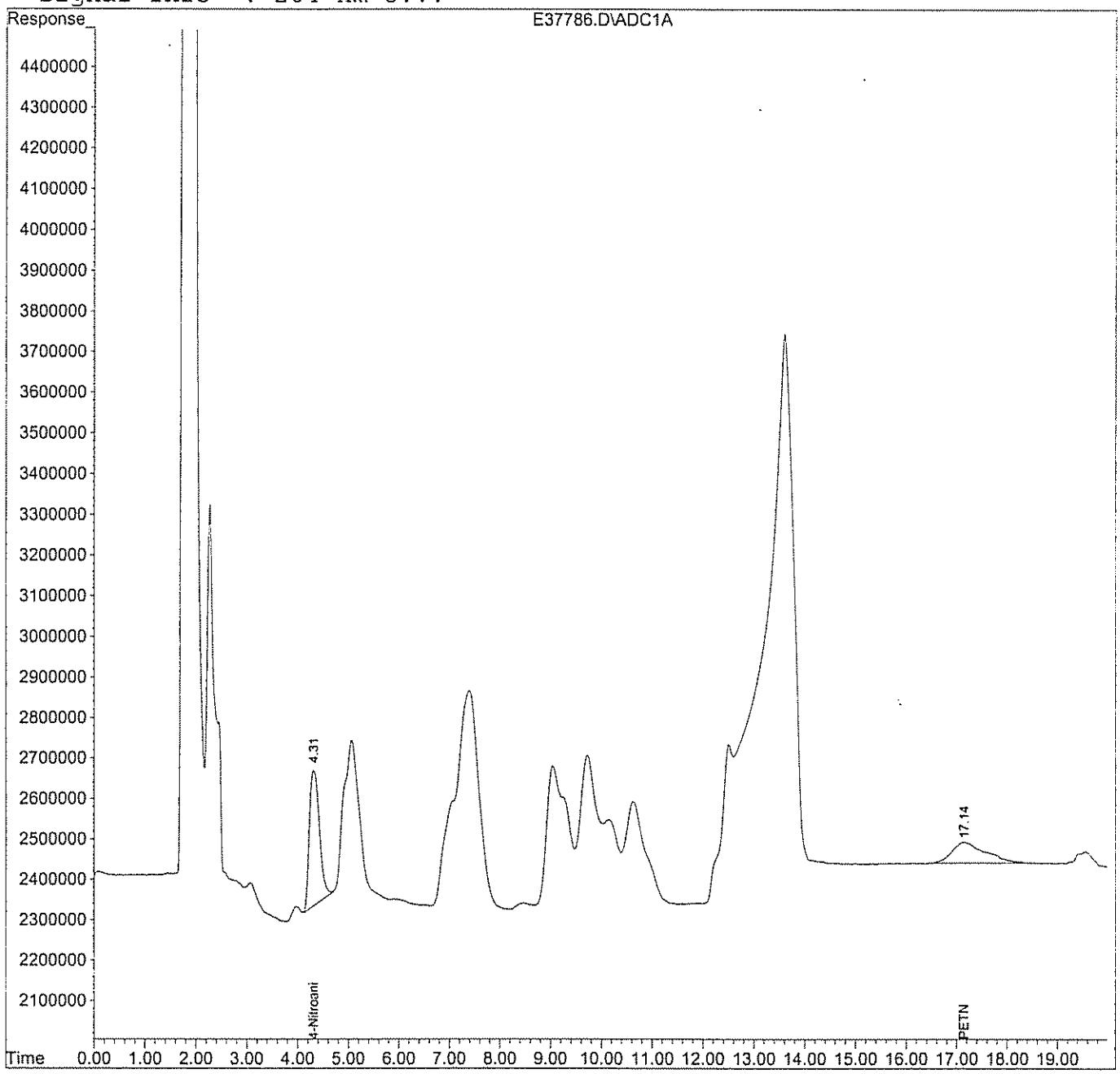
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37786.D Vial: 2
Acq On : 20 Sep 2006 16:58 Operator: ST.
Sample : BKS93567 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:03 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



EXPLOSIVES /NITROGUANIDINE /NITROGLYCERINE /PICRIC ACID /PETN EXTRACTION LOG

SOIL / WATER / WIPES

Approval / Date: ~~9/6/06~~ 9/6/06

Client: Shaw E & I Inc. USACE

Analysis Method: 8330 + PETN + NG

Extraction Chemist: N.P. Date: 9-5-06 Spike Witness: D S Sa

Work Order	Fraction	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
608163	BLK	10.00	1.0	—	40.0
	Blks 1	10.00		1.0 ① + 0.4 ②	
	001 ms 1	10.02			
	001 msD 1	10.00			
	001	10.03		—	
	002	10.03			
	003	10.04			
	004	10.00			
	005	10.00			
	006	10.01			
	007	10.03			
	008	10.00			
	012	10.02			
608169	001	10.02			
	002	10.00			
608170	001	10.00			
608163	Blks 2	10.00		1.0 *	
	001 ms 2	10.02			
	001 msD 2	10.01			
608182	001	10.00		—	
				N.P. 9-6-06	

Solvent: Acetonitrile / DI Water

Solvent Lot #: 061917 Matrix Spike #: 37629 ① Matrix Spike Conc.: 5.0 ppm

Surrogate Solution #: 37212 Matrix Spike #: 37354 * NG Matrix Spike Conc.: 100 ppm

Surrogate Conc.(s): 6 ppm Matrix Spike #: 36672 ② PETN Matrix Spike Conc.: 10 ppm

Calcium Chloride#: 37063 Sodium Sulfate#: — Sand#: 43007309

Sodium Chloride#: —

Comments & Observations: Xenco # 93563 for 608163, 608170 and 608182
Xenco # 93565 for 608169 only.
Xenco # 93567 for 8330 PETN for 608163, 608169, 608170 and 608182
Xenco # 93568 for 8330 NOS for 608163, 608169, 608170, 608182.

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # E (WATERS)

Method File: h:\lcdata\lce\methods	Data File Path: h:\lcdata\lce\092006
Detector/ Wavelength: UV	Mobile Phase: PETN-L49-62-13
Injection Volume: 100 uL	Flow Rate: 1.2 ml/min.

ICAL: 6920 PETN Analyst: ST. Reviewed by: S.S Date: 9/20/06

Injection Log

Directory: h:\lcdata\lce\092006

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	e37776.d	1.	PETN BLK	CONT CAL	20 Sep
2	2	e37777.d	1.	PETN LEVEL-1 50PPM	INIT CAL	20 Sep
3	3	e37778.d	1.	PETN LEVEL-2 100PPM	INIT CAL	20 Sep
4	4	e37779.d	1.	PETN LEVEL-3 200PPM	INIT CAL	20 Sep
5	5	e37780.d	1.	PETN LEVEL-4 500PPM	INIT CAL	20 Sep
6	6	e37781.d	1.	PETN LEVEL-5 1000PPM	INIT CAL	20 Sep
7	7	e37782.d	1.	PETN ICV- 10PPM	INIT CAL	20 Sep
8	8	e37783.d	1.	PETN STD 10PPM	CONT CAL	20 Sep

LCE							
LCE							
LCE							
LCE							
LCE							
LCE							
LCE							
LCE							
LCE							
LCE							
LCE							

ST. 09/20/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
# 91965 OK	8330 PETN STD	#38042	10ppm	09/04/06
	4-Nitroanaline	#37558	10ppm	07/27/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # E (WATERS)

Method File:	h:\lcdata\lce\metals
Detector/ Wavelength:	UV
Injection Volume:	100uL

Data File Path:	h:\lcdata\lce\0920a06
Mobile Phase:	PETN-L49-62-13
Flow Rate:	1.2ml/min

ICAL: 6920 PETM Analyst: ST.

Reviewed by: S.S. Date: 09/25/06

Directory: h:\lcdata\lce\0920a06

File	Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	mments
LCE	1	1	e37784.d	1.	PETN STD	CONT CAL	20 Sep	
LCE	2	1	e37785.d	1.	BLK93567	SOIL	20 Sep	
	3	2	e37786.d	1.	BKS93567	SOIL	20 Sep	
LCE	4	3	e37787.d	1.	608163-001-001-1/1MS	SOIL	20 Sep	
	5	4	e37788.d	1.	608163-001-001-1/1MSD	SOIL	20 Sep	
LCE	6	5	e37789.d	1.	608163-001-001-1/1	SOIL	20 Sep	
	7	6	e37790.d	1.	608163-002-003-1/2	SOIL	20 Sep	
LCE	8	7	e37791.d	1.	608163-003-005-1/2	SOIL	20 Sep	
	9	8	e37792.d	1.	608163-004-007-1/2	SOIL	20 Sep	
LCE	10	9	e37793.d	1.	608163-005-009-1/2	SOIL	20 Sep	
	11	10	e37794.d	1.	608163-006-011-1/2	SOIL	20 Sep	
LCE	12	11	e37795.d	1.	RINSE	ACN	20 Sep	
	13	12	e37796.d	1.	RINSE	ACN	20 Sep	
LCE	14	13	e37797.d	1.	PETN STD	CONT CAL	20 Sep	
	15	14	e37798.d	1.	608163-007-013-1/2	SOIL	20 Sep	
LCE	16	15	e37799.d	1.	608163-008-015-1/2	SOIL	20 Sep	
	17	16	e37800.d	1.	608163-012-017-1/2	SOIL	20 Sep	
LCE	18	17	e37801.d	1.	608169-001-003-1/1	SOIL	20 Sep	
	19	18	e37802.d	1.	608169-002-004-1/1	SOIL	20 Sep	
LCE	20	19	e37803.d	1.	608170-001-002-1/1	SOIL	20 Sep	
	21	20	e37804.d	1.	608182-001-001-1/2	SOIL	21 Sep	
LCE	22	21	e37805.d	1.	BLK93635	WATER	21 Sep	
	23	22	e37806.d	1.	BKS93635	WATER	21 Sep	
LCE	24	23	e37807.d	1.	BKSD93635	WATER	21 Sep	
	25	24	e37808.d	1.	RINSE	ACN	21 Sep	
LCE	26	25	e37809.d	1.	RINSE	ACN	21 Sep	
	27	26	e37810.d	1.	PETN STD	CONT CAL	21 Sep	
LCE	28	27	e37811.d	1.	608184-001-001-1/2	WATER	21 Sep	
	29	28	e37812.d	1.	BLK93644	SOIL	21 Sep	
LCE	30	29	e37813.d	1.	BKS93644	SOIL	21 Sep	
	31	30	e37814.d	1.	608187-005-004-1/3MS	SOIL	21 Sep	
LCE	32	31	e37815.d	1.	608187-005-004-1/3MSD	SOIL	21 Sep	
	33	32	e37816.d	1.	608187-001-014-1/1	SOIL	21 Sep	
LCE	34	33	e37817.d	1.	608187-002-015-1/1	SOIL	21 Sep	
	35	34	e37818.d	1.	608187-003-016-1/1	SOIL	21 Sep	
LCE	36	35	e37819.d	1.	608187-004-017-1/1	SOIL	21 Sep	
	37	36	e37820.d	1.	608187-005-018-1/1	SOIL	21 Sep	
LCE	38	37	e37821.d	1.	RINSE	ACN	21 Sep	
	39	38	e37822.d	1.	PETN STD	CONT CAL	21 Sep	
LCE	40	39	e37823.d	1.	PETN STD	CONT CAL	21 Sep	
	41	40	e37824.d	1.	608187-007-022-1/1	SOIL	21 Sep	
LCE	42	41	e37825.d	1.	608187-008-023-1/1	SOIL	21 Sep	
	43	42	e37826.d	1.	608187-013-ON HOLD	SOIL	21 Sep	
LCE	44	43	e37827.d	1.	RINSE	ACN	21 Sep	
	45	44	e37828.d	1.	PETN STD	CONT CAL	21 Sep	
LCE	46	45	e37829.d	1.	BKS93644	SOIL	21 Sep	
	47	46	e37831.d	1.	608187-005-004-1/3MS	SOIL	21 Sep	
LCE	48	47	e37832.d	1.	608187-005-004-1/3MSD	SOIL	21 Sep	
	49	1	e37833.d	1.	BKS93567-2	SOIL	21 Sep	
LCE	50	2	e37834.d	1.	608163-001-001-1/1MS-2	SOIL	21 Sep	
	51	3	e37835.d	1.	608163-001-001-1/1MSD-2	SOIL	21 Sep	
	52	4	e37836.d	1.	BLK93635-2	WATER	21 Sep	
	53	5	e37837.d	1.	BKS93635-2	WATER	21 Sep	
	54	6	e37838.d	1.	BKSD93635-2	WATER	21 Sep	
	55	7	e37839.d	1.	RINSE	ACN	21 Sep	
	56	8	e37840.d	1.	PETN STD	CONT CAL	21 Sep	
	57	9	e37841.d	1.	PETN STD	CONT CAL	21 Sep	

Rem

Date Prep.

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PETN STD	# 38042	10 ppm	09/04/06
4-Nitroanaline	# 37558	10 ppm	07/27/06

PETN RETENTION TIME WINDOW ESTABLISHMENT**

INTRUMENT: LCE
COLUMN: LC-18 ANALYST ST
DATE: 09/20/06

	E37783D		E337784D		E37841D					
COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std Dev	Avg PW	RT Window
PETN	17.09	0.71	17.18	0.74	17.21	0.69	17.16	0.187	0.72	0.375

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Windows are the greater of 1/2 the average peak width,
or +/- 3 times the retention time standard deviation

TRACE METALS

GPL Laboratories

USEPA - CLP

COVER PAGE

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 608163

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-017-0001	S 608163-010-020-1/1
NWO-017-0008	S 608163-011-021-1/1
NWO-017-0024	S 608163-008-015-1/2
NWO-017-0025	S 608163-004-007-1/2
NWO-017-0033	S 608163-007-013-1/2
NWO-017-0034	S 608163-001-001-1/2
NWO-017-0034 MS	SP608163-001-001-1/2
NWO-017-0034 MSD	SD608163-001-001-1/2
NWO-017-1002	S 608163-003-005-1/2
NWO-017-1004	S 608163-012-017-1/2
NWO-017-1005	S 608163-005-009-1/2
NWO-017-1006	S 608163-006-011-1/2
NWO-017-1007	S 608163-002-003-1/2
NWO-017-5008	S 608163-013-024-1/1
NWO-017-5009	S 608163-014-025-1/1
NWO-017-5010	S 608163-015-022-1/1
NWO-017-5010 MS	SP608163-015-022-1/1
NWO-017-5010 MSD	SD608163-015-022-1/1
NWO-017-5011	S 608163-016-023-1/1
NWO-017-5012	S 608163-009-019-1/1

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
if yes, were raw data generated before application of background corrections?	(Yes/No)	NO	YES

Comments:

I certify that this Sample Data Package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Sample Data Package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as referred by the following signature.

EPA Sample No.	Lab Sample ID

Signature:		Name:	Kelvin K-C. Chou
Date:	8/30/2006	Title:	

COVER PAGE SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0034	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	81.3	19500	D	10	09/11/06 22:30
Antimony	121	0.14	0.81	0.19	JND	10	09/11/06 22:30
Barium	137	0.19	4.1	154	DB	10	09/11/06 22:30
Cadmium	110	0.11	0.41	0.23	JD	10	09/11/06 22:30
Chromium	52	0.23	1.6	25.4	EDB	10	09/11/06 22:30
Cobalt	59	0.014	0.41	14.4	D	10	09/11/06 22:30
Copper	65	0.16	1.6	14.5	D	10	09/11/06 22:30
Iron	56	2.6	40.7	25200	D	10	09/11/06 22:30
Lead	208	0.064	1.6	14.3	D	10	09/11/06 22:30
Magnesium	25	1.5	81.3	3350	D	10	09/11/06 22:30
Manganese	55	0.046	1.6	833	DB	10	09/11/06 22:30
Molybdenum	95	0.24	4.1	0.26	JD	10	09/11/06 22:30
Nickel	60	0.072	0.81	13.5	D	10	09/11/06 22:30
Strontium	88	0.075	1.6	17.7	D	10	09/11/06 22:30
Titanium	47	0.24	1.6	800	D	10	09/11/06 22:30
Zinc	66	0.40	8.1	44.6	EDB	10	09/11/06 22:30

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0034	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0093	0.032	0.029	J	1	09/14/06 11:33

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1007	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	81.3	14400	D	10	09/11/06 23:13
Antimony	121	0.14	0.81	0.15	JND	10	09/11/06 23:13
Barium	137	0.19	4.1	202	DB	10	09/11/06 23:13
Cadmium	110	0.11	0.41	0.20	JD	10	09/11/06 23:13
Chromium	52	0.23	1.6	23.3	EDB	10	09/11/06 23:13
Cobalt	59	0.014	0.41	21.2	D	10	09/11/06 23:13
Copper	65	0.16	1.6	19.6	D	10	09/11/06 23:13
Iron	56	2.6	40.7	32500	D	10	09/11/06 23:13
Lead	208	0.064	1.6	15.7	D	10	09/11/06 23:13
Magnesium	25	1.5	81.3	2390	D	10	09/11/06 23:13
Manganese	55	0.046	1.6	794	DB	10	09/11/06 23:13
Molybdenum	95	0.24	4.1	0.56	JD	10	09/11/06 23:13
Nickel	60	0.072	0.81	13.3	D	10	09/11/06 23:13
Strontium	88	0.075	1.6	30.1	D	10	09/11/06 23:13
Titanium	47	0.24	1.6	434	D	10	09/11/06 23:13
Zinc	66	0.40	8.1	64.4	EDB	10	09/11/06 23:13

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1007	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0073	0.025	0.038		1	09/14/06 11:35

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1002	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	79.4	16800	D	10	09/11/06 23:20
Antimony	121	0.13	0.79	0.13	UND	10	09/11/06 23:20
Barium	137	0.18	4.0	163	DB	10	09/11/06 23:20
Cadmium	110	0.11	0.40	0.27	JD	10	09/11/06 23:20
Chromium	52	0.22	1.6	22.0	EDB	10	09/11/06 23:20
Cobalt	59	0.013	0.40	12.2	D	10	09/11/06 23:20
Copper	65	0.16	1.6	17.7	D	10	09/11/06 23:20
Iron	56	2.5	39.7	18700	D	10	09/11/06 23:20
Lead	208	0.063	1.6	13.8	D	10	09/11/06 23:20
Magnesium	25	1.4	79.4	2120	D	10	09/11/06 23:20
Manganese	55	0.045	1.6	375	DB	10	09/11/06 23:20
Molybdenum	95	0.23	4.0	0.30	JD	10	09/11/06 23:20
Nickel	60	0.070	0.79	12.7	D	10	09/11/06 23:20
Strontium	88	0.073	1.6	22.4	D	10	09/11/06 23:20
Titanium	47	0.24	1.6	489	D	10	09/11/06 23:20
Zinc	66	0.39	7.9	41.1	EDB	10	09/11/06 23:20

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1002	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0069	0.024	0.042		1	09/14/06 11:38

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-004-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0025	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.0	74.1	17100	D	10	09/11/06 23:26
Antimony	121	0.13	0.74	0.13	UND	10	09/11/06 23:26
Barium	137	0.17	3.7	123	DB	10	09/11/06 23:26
Cadmium	110	0.10	0.37	0.34	JD	10	09/11/06 23:26
Chromium	52	0.21	1.5	25.8	EDB	10	09/11/06 23:26
Cobalt	59	0.013	0.37	14.0	D	10	09/11/06 23:26
Copper	65	0.15	1.5	17.0	D	10	09/11/06 23:26
Iron	56	2.4	37.0	26700	D	10	09/11/06 23:26
Lead	208	0.059	1.5	9.8	D	10	09/11/06 23:26
Magnesium	25	1.3	74.1	1460	D	10	09/11/06 23:26
Manganese	55	0.042	1.5	613	DB	10	09/11/06 23:26
Molybdenum	95	0.21	3.7	0.35	JD	10	09/11/06 23:26
Nickel	60	0.065	0.74	11.4	D	10	09/11/06 23:26
Strontium	88	0.068	1.5	5.8	D	10	09/11/06 23:26
Titanium	47	0.22	1.5	341	D	10	09/11/06 23:26
Zinc	66	0.36	7.4	35.4	EDB	10	09/11/06 23:26

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-004-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0025	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0085	0.029	0.035		1	09/14/06 11:40

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-005-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1005	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	83.3	14500	D	10	09/11/06 23:32
Antimony	121	0.14	0.83	0.14	UND	10	09/11/06 23:32
Barium	137	0.19	4.2	125	DB	10	09/11/06 23:32
Cadmium	110	0.12	0.42	0.28	JD	10	09/11/06 23:32
Chromium	52	0.23	1.7	17.8	EDB	10	09/11/06 23:32
Cobalt	59	0.014	0.42	11.4	D	10	09/11/06 23:32
Copper	65	0.17	1.7	15.2	D	10	09/11/06 23:32
Iron	56	2.7	41.7	33000	D	10	09/11/06 23:32
Lead	208	0.066	1.7	9.9	D	10	09/11/06 23:32
Magnesium	25	1.5	83.3	3550	D	10	09/11/06 23:32
Manganese	55	0.048	1.7	419	DB	10	09/11/06 23:32
Molybdenum	95	0.24	4.2	0.33	JD	10	09/11/06 23:32
Nickel	60	0.073	0.83	14.4	D	10	09/11/06 23:32
Strontium	88	0.077	1.7	16.8	D	10	09/11/06 23:32
Titanium	47	0.25	1.7	729	D	10	09/11/06 23:32
Zinc	66	0.41	8.3	67.2	EDB	10	09/11/06 23:32

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-005-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1005	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0060	0.021	0.027		1	09/14/06 11:42

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-006-011-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1006	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.0	16000	D	10	09/11/06 23:38
Antimony	121	0.14	0.80	0.14	UND	10	09/11/06 23:38
Barium	137	0.18	4.0	135	DB	10	09/11/06 23:38
Cadmium	110	0.11	0.40	0.36	JD	10	09/11/06 23:38
Chromium	52	0.22	1.6	19.4	EDB	10	09/11/06 23:38
Cobalt	59	0.014	0.40	12.5	D	10	09/11/06 23:38
Copper	65	0.16	1.6	16.8	D	10	09/11/06 23:38
Iron	56	2.6	40.0	34400	D	10	09/11/06 23:38
Lead	208	0.063	1.6	10.2	D	10	09/11/06 23:38
Magnesium	25	1.4	80.0	3850	D	10	09/11/06 23:38
Manganese	55	0.046	1.6	475	DB	10	09/11/06 23:38
Molybdenum	95	0.23	4.0	0.33	JD	10	09/11/06 23:38
Nickel	60	0.070	0.80	15.5	D	10	09/11/06 23:38
Strontium	88	0.074	1.6	17.5	D	10	09/11/06 23:38
Titanium	47	0.24	1.6	742	D	10	09/11/06 23:38
Zinc	66	0.39	8.0	68.3	EDB	10	09/11/06 23:38

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-006-011-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1006	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0078	0.027	0.024	J	1	09/14/06 11:44

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-007-013-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0033	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	4.3	160	21800	D	20	09/12/06 22:02
Antimony	121	0.27	1.6	0.27	UND	20	09/12/06 22:02
Barium	137	0.37	8.0	182	D	20	09/12/06 22:02
Cadmium	110	0.22	0.80	0.39	JD	20	09/12/06 22:02
Chromium	52	0.45	3.2	32.2	EDB	20	09/12/06 22:02
Cobalt	59	0.027	0.80	16.4	DB	20	09/12/06 22:02
Copper	65	0.32	3.2	17.3	DB	20	09/12/06 22:02
Iron	56	5.1	80.0	30800	D	20	09/12/06 22:02
Lead	208	0.13	3.2	15.1	D	20	09/12/06 22:02
Magnesium	25	2.9	160	4000	D	20	09/12/06 22:02
Manganese	55	0.091	3.2	952	D	20	09/12/06 22:02
Molybdenum	95	0.46	8.0	0.46	UD	20	09/12/06 22:02
Nickel	60	0.14	1.6	17.9	DB	20	09/12/06 22:02
Strontium	88	0.15	3.2	25.3	D	20	09/12/06 22:02
Titanium	47	0.48	3.2	1490	D	20	09/12/06 22:02
Zinc	66	0.78	16.0	63.3	EDB	20	09/12/06 22:02

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-007-013-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0033	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0075	0.026	0.026		1	09/14/06 11:47

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-008-015-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0024	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	76.9	13500	D	10	09/11/06 23:51
Antimony	121	0.13	0.77	0.13	UND	10	09/11/06 23:51
Barium	137	0.18	3.8	77.4	DB	10	09/11/06 23:51
Cadmium	110	0.11	0.38	0.18	JD	10	09/11/06 23:51
Chromium	52	0.22	1.5	20.4	EDB	10	09/11/06 23:51
Cobalt	59	0.013	0.38	12.1	D	10	09/11/06 23:51
Copper	65	0.15	1.5	10.2	D	10	09/11/06 23:51
Iron	56	2.5	38.5	19900	D	10	09/11/06 23:51
Lead	208	0.061	1.5	9.1	D	10	09/11/06 23:51
Magnesium	25	1.4	76.9	696	D	10	09/11/06 23:51
Manganese	55	0.044	1.5	515	DB	10	09/11/06 23:51
Molybdenum	95	0.22	3.8	0.29	JD	10	09/11/06 23:51
Nickel	60	0.068	0.77	7.6	D	10	09/11/06 23:51
Strontium	88	0.071	1.5	3.5	D	10	09/11/06 23:51
Titanium	47	0.23	1.5	317	D	10	09/11/06 23:51
Zinc	66	0.38	7.7	22.6	EDB	10	09/11/06 23:51

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-008-015-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0024	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0074	0.026	0.028		1	09/14/06 11:51

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-009-019-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5012	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	82.6	36900	D	10	09/11/06 23:57
Antimony	121	0.14	0.83	0.14	UND	10	09/11/06 23:57
Barium	137	0.19	4.1	142	DB	10	09/11/06 23:57
Cadmium	110	0.12	0.41	0.85	D	10	09/11/06 23:57
Chromium	52	0.23	1.7	100	EDB	10	09/11/06 23:57
Cobalt	59	0.014	0.41	45.8	D	10	09/11/06 23:57
Copper	65	0.33	3.3	134	DB	20	09/12/06 22:08
Iron	56	2.6	41.3	76000	D	10	09/11/06 23:57
Lead	208	0.065	1.7	2.7	D	10	09/11/06 23:57
Magnesium	25	1.5	82.6	12000	D	10	09/11/06 23:57
Manganese	55	0.047	1.7	1290	DB	10	09/11/06 23:57
Molybdenum	95	0.24	4.1	0.40	JD	10	09/11/06 23:57
Nickel	60	0.073	0.83	44.2	D	10	09/11/06 23:57
Strontium	88	0.076	1.7	52.4	D	10	09/11/06 23:57
Titanium	47	0.50	3.3	4610	D	20	09/12/06 22:08
Zinc	66	0.40	8.3	81.2	EDB	10	09/11/06 23:57

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-009-019-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5012	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0074	0.026	0.049		1	09/14/06 11:58

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-010-020-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0001	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.062	1.6	45.5	D	10	09/12/06 0:04

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-011-021-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0008	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.12	3.1	6.4	D	20	09/12/06 22:20

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-012-017-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1004	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.3	84.0	21500	D	10	09/12/06 0:29
Antimony	121	0.14	0.84	0.14	UND	10	09/12/06 0:29
Barium	137	0.19	4.2	177	DB	10	09/12/06 0:29
Cadmium	110	0.12	0.42	0.43	D	10	09/12/06 0:29
Chromium	52	0.24	1.7	26.8	EDB	10	09/12/06 0:29
Cobalt	59	0.014	0.42	11.5	D	10	09/12/06 0:29
Copper	65	0.17	1.7	26.3	D	10	09/12/06 0:29
Iron	56	2.7	42.0	37400	D	10	09/12/06 0:29
Lead	208	0.066	1.7	11.2	D	10	09/12/06 0:29
Magnesium	25	1.5	84.0	5080	D	10	09/12/06 0:29
Manganese	55	0.048	1.7	284	DB	10	09/12/06 0:29
Molybdenum	95	0.24	4.2	0.40	JD	10	09/12/06 0:29
Nickel	60	0.074	0.84	20.8	D	10	09/12/06 0:29
Strontium	88	0.077	1.7	20.1	D	10	09/12/06 0:29
Titanium	47	0.25	1.7	662	D	10	09/12/06 0:29
Zinc	66	0.41	8.4	82.4	EDB	10	09/12/06 0:29

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-012-017-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1004	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0072	0.025	0.035		1	09/14/06 12:00

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-013-024-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5008	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.6	18800	D	10	09/12/06 0:35
Antimony	121	0.14	0.81	0.14	UND	10	09/12/06 0:35
Barium	137	0.19	4.0	154	DB	10	09/12/06 0:35
Cadmium	110	0.11	0.40	0.13	JD	10	09/12/06 0:35
Chromium	52	0.23	1.6	18.8	EDB	10	09/12/06 0:35
Cobalt	59	0.014	0.40	9.3	D	10	09/12/06 0:35
Copper	65	0.16	1.6	12.3	D	10	09/12/06 0:35
Iron	56	2.6	40.3	19300	D	10	09/12/06 0:35
Lead	208	0.064	1.6	8.8	D	10	09/12/06 0:35
Magnesium	25	1.5	80.6	1220	D	10	09/12/06 0:35
Manganese	55	0.046	1.6	998	DB	10	09/12/06 0:35
Molybdenum	95	0.23	4.0	0.30	JD	10	09/12/06 0:35
Nickel	60	0.071	0.81	7.4	D	10	09/12/06 0:35
Strontium	88	0.074	1.6	14.5	D	10	09/12/06 0:35
Titanium	47	0.24	1.6	381	D	10	09/12/06 0:35
Zinc	66	0.40	8.1	31.9	EDB	10	09/12/06 0:35

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-013-024-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5008	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0080	0.028	0.036		1	09/14/06 12:02

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-014-025-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5009	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.6	19400	D	10	09/12/06 0:41
Antimony	121	0.14	0.81	0.14	UND	10	09/12/06 0:41
Barium	137	0.19	4.0	99.1	DB	10	09/12/06 0:41
Cadmium	110	0.11	0.40	0.21	JD	10	09/12/06 0:41
Chromium	52	0.23	1.6	28.7	EDB	10	09/12/06 0:41
Cobalt	59	0.014	0.40	15.7	D	10	09/12/06 0:41
Copper	65	0.16	1.6	20.8	D	10	09/12/06 0:41
Iron	56	2.6	40.3	35000	D	10	09/12/06 0:41
Lead	208	0.064	1.6	7.5	D	10	09/12/06 0:41
Magnesium	25	1.5	80.6	2250	D	10	09/12/06 0:41
Manganese	55	0.046	1.6	668	DB	10	09/12/06 0:41
Molybdenum	95	0.23	4.0	0.37	JD	10	09/12/06 0:41
Nickel	60	0.071	0.81	10.7	D	10	09/12/06 0:41
Strontium	88	0.074	1.6	20.2	D	10	09/12/06 0:41
Titanium	47	0.24	1.6	292	D	10	09/12/06 0:41
Zinc	66	0.40	8.1	39.8	EDB	10	09/12/06 0:41

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-014-025-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5009	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0087	0.030	0.026	J	1	09/14/06 12:04

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-015-022-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5010	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	79.4	19700	D	10	09/12/06 0:47
Antimony	121	0.13	0.79	0.14	JND	10	09/12/06 0:47
Barium	137	0.18	4.0	117	DB	10	09/12/06 0:47
Cadmium	110	0.11	0.40	0.20	JD	10	09/12/06 0:47
Chromium	52	0.22	1.6	30.8	EDB	10	09/12/06 0:47
Cobalt	59	0.013	0.40	11.8	D	10	09/12/06 0:47
Copper	65	0.16	1.6	15.2	D	10	09/12/06 0:47
Iron	56	2.5	39.7	26600	D	10	09/12/06 0:47
Lead	208	0.063	1.6	17.2	D	10	09/12/06 0:47
Magnesium	25	1.4	79.4	2250	D	10	09/12/06 0:47
Manganese	55	0.045	1.6	623	DB	10	09/12/06 0:47
Molybdenum	95	0.23	4.0	0.40	JD	10	09/12/06 0:47
Nickel	60	0.070	0.79	10.9	D	10	09/12/06 0:47
Strontium	88	0.073	1.6	12.3	D	10	09/12/06 0:47
Titanium	47	0.24	1.6	645	D	10	09/12/06 0:47
Zinc	66	0.39	7.9	40.2	EDB	10	09/12/06 0:47

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-015-022-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5010	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0088	0.030	0.041		1	09/14/06 12:06

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-016-023-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5011	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.0	75.8	20400	D	10	09/12/06 0:54
Antimony	121	0.13	0.76	0.16	JND	10	09/12/06 0:54
Barium	137	0.17	3.8	121	DB	10	09/12/06 0:54
Cadmium	110	0.11	0.38	0.18	JD	10	09/12/06 0:54
Chromium	52	0.21	1.5	26.8	EDB	10	09/12/06 0:54
Cobalt	59	0.013	0.38	12.1	D	10	09/12/06 0:54
Copper	65	0.15	1.5	15.4	D	10	09/12/06 0:54
Iron	56	2.4	37.9	26700	D	10	09/12/06 0:54
Lead	208	0.060	1.5	17.6	D	10	09/12/06 0:54
Magnesium	25	1.4	75.8	2370	D	10	09/12/06 0:54
Manganese	55	0.043	1.5	643	DB	10	09/12/06 0:54
Molybdenum	95	0.22	3.8	0.42	JD	10	09/12/06 0:54
Nickel	60	0.067	0.76	11.5	D	10	09/12/06 0:54
Strontium	88	0.070	1.5	12.4	D	10	09/12/06 0:54
Titanium	47	0.23	1.5	658	D	10	09/12/06 0:54
Zinc	66	0.37	7.6	40.8	EDB	10	09/12/06 0:54

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-016-023-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5011	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0083	0.029	0.031		1	09/14/06 12:13

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Preparation Blank Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	BLK93679	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.7	100	4.8	JD	10	09/11/06 22:18
Antimony	121	0.17	1.0	0.17	UND	10	09/11/06 22:18
Barium	137	0.23	5.0	0.24	JD	10	09/11/06 22:18
Cadmium	110	0.14	0.50	0.14	UD	10	09/11/06 22:18
Chromium	52	0.28	2.0	1.0	JED	10	09/11/06 22:18
Cobalt	59	0.017	0.50	0.017	UD	10	09/11/06 22:18
Copper	65	0.20	2.0	0.20	UD	10	09/11/06 22:18
Iron	56	3.2	50.0	3.2	UD	10	09/11/06 22:18
Lead	208	0.079	2.0	0.079	UD	10	09/11/06 22:18
Magnesium	25	1.8	100	10.8	JD	10	09/11/06 22:18
Manganese	55	0.057	2.0	0.084	JD	10	09/11/06 22:18
Molybdenum	95	0.29	5.0	0.29	UD	10	09/11/06 22:18
Nickel	60	0.088	1.0	0.21	JD	10	09/11/06 22:18
Strontium	88	0.092	2.0	0.21	JD	10	09/11/06 22:18
Titanium	47	0.30	2.0	0.30	UD	10	09/11/06 22:18
Zinc	66	0.49	10.0	3.0	JED	10	09/11/06 22:18

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Preparation Blank Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	BLK93732	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0097	0.033	0.0097	U	1	09/14/06 11:28

U = The analyte concentration was less than the MDL
J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/11/2006 6:03:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	482.00	96						
Antimony	40.0	41.56	104						
Barium	40.0	42.02	105						
Chromium	40.0	39.68	99						
Cobalt	40.0	40.65	102						
Copper	40.0	40.79	102						
Iron	500.0	510.90	102						
Lead	40.0	41.08	103						
Magnesium	5000.0	4968.00	99						
Manganese	40.0	41.30	103						
Molybdenum	40.0	40.73	102						
Nickel	40.0	41.11	103						
Strontium	40.0	40.88	102						
Titanium	40.0	41.19	103						
Zinc	40.0	41.93	105						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(Cd) 9/11/2006 6:08:39 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	4.14	103						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/12/2006 5:34:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	498.30	100						
Antimony	40.0	42.79	107						
Barium	40.0	42.59	106						
Chromium	40.0	40.71	102						
Cobalt	40.0	41.53	104						
Copper	40.0	41.04	103						
Iron	500.0	524.70	105						
Lead	40.0	42.05	105						
Magnesium	5000.0	4962.00	99						
Manganese	40.0	42.50	106						
Molybdenum	40.0	41.55	104						
Nickel	40.0	42.03	105						
Strontium	40.0	41.75	104						
Titanium	40.0	41.88	105						
Zinc	40.0	41.63	104						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(Cd) 9/12/2006 5:40:38 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.98	100						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 9/14/2006 11:18:03 AM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.11	104						

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/11/2006 6:18:54 PM		CCV2 9/11/2006 7:12:24 PM		CCV3 9/11/2006 8:26:43 PM		CCV4 9/11/2006 9:41:02 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4899.00	98	4629.67	93	4752.33	95	4782.67	96
Antimony	50.0	48.62	97	49.48	99	49.55	99	50.02	100
Barium	50.0	49.67	99	48.96	98	49.24	98	48.78	98
Cadmium	50.0	49.47	99	49.73	99	49.31	99	49.41	99
Chromium	50.0	49.88	100	49.42	99	49.59	99	49.30	99
Cobalt	50.0	49.88	100	49.78	100	48.59	97	48.83	98
Copper	50.0	49.79	100	49.51	99	48.77	98	48.87	98
Iron	5000.0	4996.67	100	4889.00	98	4932.33	99	4968.33	99
Lead	50.0	50.24	100	49.89	100	49.54	99	49.88	100
Magnesium	10000.0	9982.00	100	9495.00	95	9753.33	98	9845.67	98
Manganese	50.0	49.55	99	49.55	99	49.24	98	49.69	99
Molybdenum	50.0	50.67	101	50.72	101	49.91	100	49.58	99
Nickel	50.0	50.19	100	49.52	99	48.91	98	48.88	98
Strontium	50.0	50.08	100	49.95	100	50.11	100	49.93	100
Titanium	50.0	50.10	100	50.20	100	50.40	101	48.64	97
Zinc	50.0	50.09	100	50.07	100	49.83	100	50.39	101

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/11/2006 11:01:30 PM		CCV6 9/12/2006 12:16:56 AM		CCV7 9/12/2006 1:18:41 AM			
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4795.00	96	4900.33	98	4627.00	93		
Antimony	50.0	50.20	100	49.58	99	49.92	100		
Barium	50.0	48.76	98	49.30	99	49.08	98		
Cadmium	50.0	48.83	98	49.49	99	49.06	98		
Chromium	50.0	48.94	98	50.52	101	48.77	98		
Cobalt	50.0	48.61	97	50.42	101	49.06	98		
Copper	50.0	49.19	98	50.63	101	48.98	98		
Iron	5000.0	4910.00	98	5007.00	100	4848.00	97		
Lead	50.0	49.26	99	50.02	100	49.15	98		
Magnesium	10000.0	9774.33	98	9861.33	99	9589.33	96		
Manganese	50.0	49.05	98	49.93	100	48.49	97		
Molybdenum	50.0	49.09	98	49.72	99	50.47	101		
Nickel	50.0	48.57	97	50.32	101	49.18	98		
Strontium	50.0	49.25	99	49.85	100	49.86	100		
Titanium	50.0	49.06	98	50.27	101	48.84	98		
Zinc	50.0	49.24	98	51.00	102	49.93	100		

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/12/2006 5:52:57 PM		CCV2 9/12/2006 6:56:35 PM		CCV3 9/12/2006 8:18:10 PM		CCV4 9/12/2006 9:31:49 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4970.00	99	4828.00	97	4942.33	99	5022.67	100
Antimony	50.0	51.28	103	51.58	103	51.89	104	52.04	104
Barium	50.0	50.67	101	50.56	101	50.74	101	51.04	102
Cadmium	50.0	49.73	99	49.87	100	50.98	102	50.11	100
Chromium	50.0	49.90	100	49.78	100	51.10	102	51.37	103
Cobalt	50.0	49.23	98	49.05	98	50.22	100	49.76	100
Copper	50.0	49.68	99	49.41	99	50.09	100	49.59	99
Iron	5000.0	5060.67	101	4956.33	99	5111.00	102	5147.67	103
Lead	50.0	50.28	101	49.13	98	50.41	101	50.81	102
Magnesium	10000.0	9679.33	97	9427.00	94	9696.67	97	9813.33	98
Manganese	50.0	50.26	101	49.86	100	50.48	101	51.39	103
Molybdenum	50.0	50.55	101	51.06	102	51.50	103	51.12	102
Nickel	50.0	49.11	98	49.50	99	49.97	100	49.62	99
Strontium	50.0	50.84	102	50.15	100	50.76	102	51.11	102
Titanium	50.0	49.75	100	49.82	100	51.31	103	50.41	101
Zinc	50.0	49.01	98	48.42	97	48.27	97	48.80	98

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/12/2006 10:45:28 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5029.00	101						
Antimony	50.0	52.20	104						
Barium	50.0	51.07	102						
Cadmium	50.0	50.34	101						
Chromium	50.0	51.08	102						
Cobalt	50.0	49.64	99						
Copper	50.0	49.37	99						
Iron	5000.0	5098.00	102						
Lead	50.0	50.73	101						
Magnesium	10000.0	9809.33	98						
Manganese	50.0	50.93	102						
Molybdenum	50.0	50.82	102						
Nickel	50.0	50.13	100						
Strontium	50.0	50.97	102						
Titanium	50.0	50.71	101						
Zinc	50.0	48.50	97						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 9/14/2006 11:24:40 AM		Ck5 CCV2 9/14/2006 11:53:41 AM		Ck5 CCV3 9/14/2006 12:20:40 PM			
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.09	102	5.06	101	5.09	102		

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/11/2006 6:29:14 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	95.24	95						
Antimony	1.0	1.13	113						
Barium	5.0	5.22	104						
Cadmium	0.5	0.57	113						
Chromium	2.0	2.21	111						
Copper	2.0	2.12	106						
Iron	50.0	46.55	93						
Lead	2.0	1.94	97						
Magnesium	100.0	102.90	103						
Manganese	2.0	2.08	104						
Molybdenum	5.0	5.04	101						
Nickel	1.0	1.09	109						
Strontium	2.0	1.99	100						
Titanium	2.0	1.96	98						
Zinc	10.0	11.29	113						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL(CoZr) 9/11/2006 6:35:23 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cobalt	0.5	0.51	102						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/12/2006 6:03:16 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.23	102						
Antimony	1.0	1.18	118						
Barium	5.0	5.17	103						
Cadmium	0.5	0.53	106						
Chromium	2.0	2.22	111						
Copper	2.0	2.14	107						
Iron	50.0	48.55	97						
Lead	2.0	1.99	100						
Magnesium	100.0	101.41	101						
Manganese	2.0	2.07	104						
Molybdenum	5.0	5.14	103						
Nickel	1.0	1.04	104						
Strontium	2.0	1.94	97						
Titanium	2.0	1.94	97						
Zinc	10.0	10.01	100						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL(CoZr) 9/12/2006 6:08:26 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cobalt	0.5	0.55	111						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck4 CRA 9/14/2006 11:22:29 AM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.19	93						

GPL Laboratories, LLLP

Initial Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/11/2006 6:13:47 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U						
Antimony	1.00	0.17	U						
Barium	5.00	0.23	U						
Cadmium	0.50	0.14	U						
Chromium	2.00	0.52	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.06	U						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Strontium	2.00	0.09	U						
Titanium	2.00	0.30	U						
Zinc	10.00	0.49	U						

GPL Laboratories, LLLP

Initial Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/12/2006 5:46:48 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U						
Antimony	1.00	0.17	U						
Barium	5.00	0.23	U						
Cadmium	0.50	0.14	U						
Chromium	2.00	0.42	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.06	U						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Strontium	2.00	0.09	U						
Titanium	2.00	0.30	U						
Zinc	10.00	0.49	U						

GPL Laboratories, LLLP

Initial Calibration Blanks

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 9/14/2006 11:20:22 AM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U						

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SW846

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/11/2006 6:24:01 PM		CCB2 9/11/2006 7:18:37 PM		CCB3 9/11/2006 8:32:54 PM		CCB4 9/11/2006 9:47:13 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	7.35	J	2.70	U
Antimony	1.00	0.17	U	0.17	U	0.17	U	0.17	U
Barium	5.00	0.23	U	0.23	U	0.23	U	0.23	U
Cadmium	0.50	0.14	U	0.14	U	0.14	U	0.14	U
Chromium	2.00	0.28	U	0.87	J	0.86	J	0.96	J
Cobalt	0.50	0.02	U	0.02	U	0.16	J	0.02	J
Copper	2.00	0.20	U	0.20	U	0.20	U	0.20	U
Iron	50.00	3.20	U	3.20	U	21.14	J	3.20	U
Lead	2.00	0.08	U	0.08	U	0.31	J	0.08	U
Magnesium	100.00	1.80	U	1.80	U	7.35	J	1.93	J
Manganese	2.00	0.06	U	0.06	U	0.24	J	0.07	J
Molybdenum	5.00	0.29	U	0.29	U	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.15	J	0.09	U
Strontium	2.00	0.09	U	0.09	U	0.17	J	0.09	U
Titanium	2.00	0.30	U	0.30	U	0.32	J	0.30	U
Zinc	10.00	0.49	U	0.49	U	0.49	U	0.49	U

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/11/2006 11:07:41 PM		CCB6 9/12/2006 12:23:04 AM		CCB7 9/12/2006 1:24:51 AM			
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U		
Antimony	1.00	0.17	U	0.17	U	0.17	U		
Barium	5.00	0.23	U	0.23	U	0.23	U		
Cadmium	0.50	0.14	U	0.14	U	0.14	U		
Chromium	2.00	0.85	J	0.97	J	0.28	U		
Cobalt	0.50	0.02	J	0.02	J	0.02	J		
Copper	2.00	0.20	U	0.20	U	0.20	U		
Iron	50.00	4.26	J	5.68	J	3.24	J		
Lead	2.00	0.08	U	0.08	U	0.08	U		
Magnesium	100.00	2.09	J	2.19	J	2.55	J		
Manganese	2.00	0.08	J	0.09	J	0.07	J		
Molybdenum	5.00	0.29	U	0.29	U	0.29	U		
Nickel	1.00	0.09	U	0.09	U	0.09	U		
Strontium	2.00	0.09	U	0.09	U	0.09	U		
Titanium	2.00	0.30	U	0.30	U	0.30	U		
Zinc	10.00	0.49	U	0.49	U	0.49	U		

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Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/12/2006 5:58:06 PM		CCB2 9/12/2006 7:01:48 PM		CCB3 9/12/2006 8:24:18 PM		CCB4 9/12/2006 9:37:57 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U	2.70	U
Antimony	1.00	0.17	U	0.17	U	0.17	U	0.17	U
Barium	5.00	0.23	U	0.23	U	0.23	U	0.23	U
Cadmium	0.50	0.14	U	0.14	U	0.14	U	0.14	U
Chromium	2.00	0.28	U	0.33	J	0.92	J	0.92	J
Cobalt	0.50	0.02	U	0.03	J	0.02	U	0.02	U
Copper	2.00	0.20	U	0.20	U	0.20	U	0.20	U
Iron	50.00	3.20	U	3.20	U	3.20	U	3.20	U
Lead	2.00	0.08	U	0.08	U	0.08	U	0.08	U
Magnesium	100.00	1.80	U	1.80	U	1.80	U	1.80	U
Manganese	2.00	0.06	U	0.06	U	0.06	U	0.07	J
Molybdenum	5.00	0.29	U	0.29	U	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.09	U	0.09	U
Strontium	2.00	0.09	U	0.09	U	0.09	U	0.09	U
Titanium	2.00	0.30	U	0.50	J	0.30	U	0.30	U
Zinc	10.00	0.49	U	0.49	U	0.49	U	3.15	J

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Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/12/2006 10:51:36 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	3.18	J						
Antimony	1.00	0.17	U						
Barium	5.00	0.23	U						
Cadmium	0.50	0.14	U						
Chromium	2.00	0.56	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.08	J						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Strontium	2.00	0.09	U						
Titanium	2.00	0.30	U						
Zinc	10.00	3.26	J						

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Continuing Calibration Blanks

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 9/14/2006 11:26:48 AM		Ck6 CCB2 9/14/2006 11:56:07 AM		Ck6 CCB3 9/14/2006 12:23:07 PM			
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U		

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Interference Check Standards

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/11/06 18:41	%R	ICSAB 09/11/06 18:47	%R		%R		%R
Aluminum	100		100000	97800	98	94500	95				
Antimony	1		20	0.20		19.1	95				
Barium	5		20	0.52		20.8	104				
Cadmium	0.5		20	-0.094		17.3	87				
Chromium	2		20	0.19		18.9	94				
Cobalt	0.5		20	0.36		18.8	94				
Copper	2		20	1.2		18.0	90				
Iron	50		250000	242000	97	239000	96				
Lead	2		20	0.14		21.3	107				
Magnesium	100		100000	101000	101	97900	98				
Manganese	2		20	0.28		19.6	98				
Molybdenum	5		2000	2020	101	2010	100				
Nickel	1		20	1.7		19.0	95				
Strontium	2		20	4.3		24.7	124				
Titanium	2		2000	2120		2090	105				
Zinc	10		20	2.6		19.4	97				

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Interference Check Standards

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/12/06 18:13	%R	ICSAB 09/12/06 18:18	%R		%R		%R
Aluminum	100		100000	101000	101	97400	97				
Antimony	1		20	0.18		19.2	96				
Barium	5		20	0.41		20.7	103				
Cadmium	0.5		20	-0.089		17.2	86				
Chromium	2		20	1.3		20.5	103				
Cobalt	0.5		20	0.080		18.7	94				
Copper	2		20	0.93		17.9	89				
Iron	50		250000	244000	98	242000	97				
Lead	2		20	0.14		21.8	109				
Magnesium	100		100000	99100	99	95400	95				
Manganese	2		20	0.018		19.6	98				
Molybdenum	5		2000	2020	101	2040	102				
Nickel	1		20	0.38		18.4	92				
Strontium	2		20	4.2		25.4	127				
Titanium	2		2000	2130		2130	106				
Zinc	10		20	2.0		18.6	93				

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Matrix Spike Recovery

Client ID:	NWO-017-0034 MS	Lab Sample ID:	SP608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:36		Sample Result 09/11/06 22:30		Spike Added	%R
Aluminum	26825.40		19485.09		793.65	925
Antimony	2.21		0.19	J	7.94	25
Barium	238.97		153.77		79.37	107
Cadmium	7.92		0.23	J	7.94	97
Chromium	66.53		25.39		39.68	104
Cobalt	50.75		14.39		39.68	92
Copper	51.03		14.47		39.68	92
Iron	27679.89		25241.19		793.65	307
Lead	92.67		14.33		79.37	99
Magnesium	4286.24		3350.41		793.65	118
Manganese	885.45		832.79		79.37	66
Molybdenum	33.49		0.26	J	39.68	84
Nickel	51.96		13.55		39.68	97
Strontium	87.17		17.68		79.37	88
Titanium	1009.79		799.51		158.73	132
Zinc	116.35		44.57		79.37	90

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Matrix Spike Recovery

Client ID:	NWO-017-5010 MS	Lab Sample ID:	SP608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 12:09	Sample Result 09/14/06 12:06	Spike Added	%R
Mercury	0.50	0.04	0.46	99

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-0034 MSD	Lab Sample ID:	SD608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:42		Sample Result 09/11/06 22:30		Spike Added	%R
Aluminum	28569.97		19485.09		763.36	1190
Antimony	2.16		0.19	J	7.63	26
Barium	240.00		153.77		76.34	113
Cadmium	7.55		0.23	J	7.63	96
Chromium	64.15		25.39		38.17	102
Cobalt	51.12		14.39		38.17	96
Copper	50.94		14.47		38.17	96
Iron	27679.39		25241.19		763.36	319
Lead	92.11		14.33		76.34	102
Magnesium	4482.19		3350.41		763.36	148
Manganese	893.38		832.79		76.34	79
Molybdenum	32.96		0.26	J	38.17	86
Nickel	52.17		13.55		38.17	101
Strontium	85.78		17.68		76.34	89
Titanium	1029.26		799.51		152.67	150
Zinc	115.70		44.57		76.34	93

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5010 MSD	Lab Sample ID:	SD608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 12:11		Sample Result 09/14/06 12:06		Spike Added	%R
Mercury	0.45		0.04		0.43	95

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Post Digestion Spike Recovery

Client ID:	NWO-017-0034	Lab Sample ID:	PS608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:49		Sample Result 09/11/06 22:30		Spike Added	%R
Antimony	77.72		0.23	J	80	97

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Duplicates (RPD)

Client ID:	NWO-017-0034 MSD	Lab Sample ID:	SD608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv

df 9/15/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results		MATRIX SPIKE ^ Duplicate Sample Results		RPD	Control Limit	Q
Aluminum	26825.40		28569.97		6	20	D
Antimony	2.21		2.16		2	20	ND
Barium	238.97		240.00		0	20	D
Cadmium	7.92		7.55		5	20	D
Chromium	66.53		64.15		4	20	ED
Cobalt	50.75		51.12		1	20	D
Copper	51.03		50.94		0	20	D
Iron	27679.89		27679.39		0	20	D
Lead	92.67		92.11		1	20	D
Magnesium	4286.24		4482.19		4	20	D
Manganese	885.45		893.38		1	20	D
Molybdenum	33.49		32.96		2	20	D
Nickel	51.96		52.17		0	20	D
Strontium	87.17		85.78		2	20	D
Titanium	1009.79		1029.26		2	20	D
Zinc	116.35		115.70		1	20	ED

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Duplicates (RPD)

Client ID:	NWO-017-5010 MSD	Lab Sample ID:	SD608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN

dg 9/15/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results	MATRIX SPIKE DUP Duplicate Sample Results	RPD	Control Limit	Q
Mercury	0.50	0.45	9	20	

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Laboratory Control Sample

Project:	608163	Lab Sample ID:	BKS93679
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:24		Spike Added	%R
Aluminum	944.43		1000.00	94
Antimony	9.85		10.00	98
Barium	102.23		100.00	102
Cadmium	10.23		10.00	102
Chromium	52.67		50.00	105
Cobalt	50.51		50.00	101
Copper	50.91		50.00	102
Iron	1006.33		1000.00	101
Lead	101.67		100.00	102
Magnesium	1015.00		1000.00	102
Manganese	102.13		100.00	102
Molybdenum	50.64		50.00	101
Nickel	50.94		50.00	102
Strontium	103.67		100.00	104
Titanium	205.77		200.00	103
Zinc	102.20		100.00	102

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Laboratory Control Sample

Project:	608163	Lab Sample ID:	BKS93732
Units:	mg/kg	Instrument:	7471H
		Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 11:31	Spike Added	%R
Mercury	0.49	0.50	99

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Serial Dilutions

Client ID:	NWO-017-0034	Lab Sample ID:	SE608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv

Analyte	Sample Result 09/11/06 22:30		Serial Dilution Result 09/11/06 22:55		Percent Difference	Flag
Aluminum	23966.67		23101.67		4	
Antimony	0.23	J	0.85	U	100	
Barium	189.13		183.60		3	
Cadmium	0.28	J	0.70	U	100	
Chromium	31.23		37.64		21	E
Cobalt	17.70		18.25		3	
Copper	17.80		18.63		5	
Iron	31046.67		30610.00		1	
Lead	17.62		16.79		5	
Magnesium	4121.00		4063.00		1	
Manganese	1024.33		1017.50		1	
Molybdenum	0.32	J	1.45	U	100	
Nickel	16.66		17.71		6	
Strontium	21.74		23.36		7	
Titanium	983.40		977.00		1	
Zinc	54.83		69.10		26	E

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Detection Limits

Project: 608163 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Aluminum	27	100	2.7	04/14/06
Antimony	121	1.0	0.17	04/14/06
Barium	137	5.0	0.23	04/14/06
Cadmium	110	0.50	0.14	04/14/06
Chromium	52	2.0	0.28	04/14/06
Cobalt	59	0.50	0.017	04/14/06
Copper	65	2.0	0.20	04/14/06
Iron	56	50.0	3.2	04/14/06
Lead	208	2.0	0.079	04/14/06
Magnesium	25	100	1.8	04/14/06
Manganese	55	2.0	0.057	04/14/06
Molybdenum	95	5.0	0.29	04/14/06
Nickel	60	1.0	0.088	04/14/06
Strontium	88	2.0	0.092	04/14/06
Titanium	47	2.0	0.30	04/14/06
Zinc	66	10.0	0.49	04/14/06

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Detection Limits

Project: 608163 Instrument: 7471H

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Mercury	253.7	0.20	0.058	08/10/06

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Linear Dynamic Ranges

Project: 608163 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR 9/15/06 AA
Aluminum	27	110000	~~04/14/06~~ 9/11/06
Antimony	121	550	04/14/06
Barium	137	5500	04/14/06
Cadmium	110	1100	04/14/06
Chromium	52	5500	04/14/06
Cobalt	59	5500	04/14/06
Copper	65	5500	04/14/06
Iron	56	275000	04/14/06
Lead	208	11000	04/14/06
Magnesium	25	110000	04/14/06
Manganese	55	5500	04/14/06
Molybdenum	95	5500	04/14/06
Nickel	60	4125	04/14/06
Strontium	88	6000	04/14/06
Titanium	47	5500	04/14/06
Zinc	66	2750	~~04/14/06~~

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Preparation Log

Project: 608163 Instrument: 3050X

Prep Method: Batch Number: 93679

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93679	BLK93679	09/11/2006	1.00	100
BKS93679	BKS93679	09/11/2006	1.00	100
S 608163-010-020-1/1	NWO-017-0001	09/11/2006	1.28	100
S 608163-011-021-1/1	NWO-017-0008	09/11/2006	1.27	100
S 608163-008-015-1/2	NWO-017-0024	09/11/2006	1.30	100
S 608163-004-007-1/2	NWO-017-0025	09/11/2006	1.35	100
S 608163-007-013-1/2	NWO-017-0033	09/11/2006	1.25	100
S 608163-001-001-1/2	NWO-017-0034	09/11/2006	1.23	100
SP608163-001-001-1/2	NWO-017-0034 MS	09/11/2006	1.26	100
S 608163-003-005-1/2	NWO-017-1002	09/11/2006	1.26	100
S 608163-012-017-1/2	NWO-017-1004	09/11/2006	1.19	100
S 608163-005-009-1/2	NWO-017-1005	09/11/2006	1.20	100
S 608163-006-011-1/2	NWO-017-1006	09/11/2006	1.25	100
S 608163-002-003-1/2	NWO-017-1007	09/11/2006	1.23	100
S 608163-013-024-1/1	NWO-017-5008	09/11/2006	1.24	100
S 608163-014-025-1/1	NWO-017-5009	09/11/2006	1.24	100
S 608163-015-022-1/1	NWO-017-5010	09/11/2006	1.26	100
S 608163-016-023-1/1	NWO-017-5011	09/11/2006	1.32	100
S 608163-009-019-1/1	NWO-017-5012	09/11/2006	1.21	100
SD608163-001-001-1/2	NWO-017-0034 MSD	09/11/2006	1.31	100

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Preparation Log

Project: 608163 Instrument: 7471H

Prep Method: Batch Number: 93732

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93732	BLK93732	09/13/2006	0.60	100
BKS93732	BKS93732	09/13/2006	0.60	100
S 608163-008-015-1/2	NWO-017-0024	09/13/2006	0.78	100
S 608163-004-007-1/2	NWO-017-0025	09/13/2006	0.68	100
S 608163-007-013-1/2	NWO-017-0033	09/13/2006	0.77	100
S 608163-001-001-1/2	NWO-017-0034	09/13/2006	0.62	100
S 608163-003-005-1/2	NWO-017-1002	09/13/2006	0.84	100
S 608163-012-017-1/2	NWO-017-1004	09/13/2006	0.80	100
S 608163-005-009-1/2	NWO-017-1005	09/13/2006	0.97	100
S 608163-006-011-1/2	NWO-017-1006	09/13/2006	0.75	100
S 608163-002-003-1/2	NWO-017-1007	09/13/2006	0.79	100
S 608163-013-024-1/1	NWO-017-5008	09/13/2006	0.72	100
S 608163-014-025-1/1	NWO-017-5009	09/13/2006	0.67	100
S 608163-015-022-1/1	NWO-017-5010	09/13/2006	0.66	100
SP608163-015-022-1/1	NWO-017-5010 MS	09/13/2006	0.65	100
S 608163-016-023-1/1	NWO-017-5011	09/13/2006	0.70	100
S 608163-009-019-1/1	NWO-017-5012	09/13/2006	0.78	100
SD608163-015-022-1/1	NWO-017-5010 MSD	09/13/2006	0.69	100

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Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060911MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/11/06	5:22 PM
STD1		09/11/06	5:27 PM
STD2		09/11/06	5:32 PM
STD7		09/11/06	5:37 PM
STD3		09/11/06	5:42 PM
STD4		09/11/06	5:47 PM
STD5		09/11/06	5:53 PM
STD6		09/11/06	5:58 PM
ICV		09/11/06	6:03 PM
ICV(Cd)		09/11/06	6:08 PM
ICB		09/11/06	6:13 PM
CCV1		09/11/06	6:18 PM
CCB1		09/11/06	6:24 PM
PQL		09/11/06	6:29 PM
PQL(CoZr)		09/11/06	6:35 PM
ICSA		09/11/06	6:41 PM
ICSAB		09/11/06	6:47 PM
CCV2		09/11/06	7:12 PM
CCB2		09/11/06	7:18 PM
CCV3		09/11/06	8:26 PM
CCB3		09/11/06	8:32 PM
CCV4		09/11/06	9:41 PM
CCB4		09/11/06	9:47 PM
BLK93679	BLK93679	09/11/06	10:18 PM
BKS93679	BKS93679	09/11/06	10:24 PM
S 608163-001-001-1/2	NWO-017-0034	09/11/06	10:30 PM
SP608163-001-001-1/2	NWO-017-0034 MS	09/11/06	10:36 PM
SD608163-001-001-1/2	NWO-017-0034 MSD	09/11/06	10:42 PM
PS608163-001-001-1/2	NWO-017-0034	09/11/06	10:49 PM
SE608163-001-001-1/2	NWO-017-0034	09/11/06	10:55 PM
CCV5		09/11/06	11:01 PM
CCB5		09/11/06	11:07 PM
S 608163-002-003-1/2	NWO-017-1007	09/11/06	11:13 PM
S 608163-003-005-1/2	NWO-017-1002	09/11/06	11:20 PM
S 608163-004-007-1/2	NWO-017-0025	09/11/06	11:26 PM
S 608163-005-009-1/2	NWO-017-1005	09/11/06	11:32 PM
S 608163-006-011-1/2	NWO-017-1006	09/11/06	11:38 PM
S 608163-008-015-1/2	NWO-017-0024	09/11/06	11:51 PM
S 608163-009-019-1/1	NWO-017-5012	09/11/06	11:57 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060911MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
S 608163-010-020-1/1	NWO-017-0001	09/12/06	12:04 AM
CCV6		09/12/06	12:16 AM
CCB6		09/12/06	12:23 AM
S 608163-012-017-1/2	NWO-017-1004	09/12/06	12:29 AM
S 608163-013-024-1/1	NWO-017-5008	09/12/06	12:35 AM
S 608163-014-025-1/1	NWO-017-5009	09/12/06	12:41 AM
S 608163-015-022-1/1	NWO-017-5010	09/12/06	12:47 AM
S 608163-016-023-1/1	NWO-017-5011	09/12/06	12:54 AM
CCV7		09/12/06	1:18 AM
CCB7		09/12/06	1:24 AM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060912MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/12/06	4:45 PM
STD1		09/12/06	4:51 PM
STD2		09/12/06	4:57 PM
STD7		09/12/06	5:03 PM
STD3		09/12/06	5:10 PM
STD4		09/12/06	5:16 PM
STD5		09/12/06	5:22 PM
STD6		09/12/06	5:28 PM
ICV		09/12/06	5:34 PM
ICV(Cd)		09/12/06	5:40 PM
ICB		09/12/06	5:46 PM
CCV1		09/12/06	5:52 PM
CCB1		09/12/06	5:58 PM
PQL		09/12/06	6:03 PM
PQL(CoZr)		09/12/06	6:08 PM
ICSA		09/12/06	6:13 PM
ICSAB		09/12/06	6:18 PM
CCV2		09/12/06	6:56 PM
CCB2		09/12/06	7:01 PM
CCV3		09/12/06	8:18 PM
CCB3		09/12/06	8:24 PM
CCV4		09/12/06	9:31 PM
CCB4		09/12/06	9:37 PM
S 608163-007-013-1/2	NWO-017-0033	09/12/06	10:02 PM
S 608163-009-019-1/1	NWO-017-5012	09/12/06	10:08 PM
S 608163-011-021-1/1	NWO-017-0008	09/12/06	10:20 PM
CCV5		09/12/06	10:45 PM
CCB5		09/12/06	10:51 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 7471H

Data File Name: Hg060914.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		09/14/06	10:31 AM
Std01Rep2		09/14/06	10:33 AM
Std01Rep3		09/14/06	10:36 AM
Std02Rep1		09/14/06	10:38 AM
Std02Rep2		09/14/06	10:40 AM
Std02Rep3		09/14/06	10:42 AM
Std03Rep1		09/14/06	10:45 AM
Std03Rep2		09/14/06	10:48 AM
Std03Rep3		09/14/06	10:50 AM
Std04Rep1		09/14/06	10:52 AM
Std04Rep2		09/14/06	10:54 AM
Std04Rep3		09/14/06	10:57 AM
Std05Rep1		09/14/06	10:59 AM
Std05Rep2		09/14/06	11:02 AM
Std05Rep3		09/14/06	11:05 AM
Std06Rep1		09/14/06	11:07 AM
Std06Rep2		09/14/06	11:10 AM
Std06Rep3		09/14/06	11:12 AM
Ck2 ICV		09/14/06	11:18 AM
Ck3 ICB		09/14/06	11:20 AM
Ck4 CRA		09/14/06	11:22 AM
Ck5 CCV1		09/14/06	11:24 AM
Ck6 CCB1		09/14/06	11:26 AM
BLK93732	BLK93732	09/14/06	11:28 AM
BKS93732	BKS93732	09/14/06	11:31 AM
S 608163-001-001-1/2	NWO-017-0034	09/14/06	11:33 AM
S 608163-002-003-1/2	NWO-017-1007	09/14/06	11:35 AM
S 608163-003-005-1/2	NWO-017-1002	09/14/06	11:38 AM
S 608163-004-007-1/2	NWO-017-0025	09/14/06	11:40 AM
S 608163-005-009-1/2	NWO-017-1005	09/14/06	11:42 AM
S 608163-006-011-1/2	NWO-017-1006	09/14/06	11:44 AM
S 608163-007-013-1/2	NWO-017-0033	09/14/06	11:47 AM
S 608163-008-015-1/2	NWO-017-0024	09/14/06	11:51 AM
Ck5 CCV2		09/14/06	11:53 AM
Ck6 CCB2		09/14/06	11:56 AM
S 608163-009-019-1/1	NWO-017-5012	09/14/06	11:58 AM
S 608163-012-017-1/2	NWO-017-1004	09/14/06	12:00 PM
S 608163-013-024-1/1	NWO-017-5008	09/14/06	12:02 PM
S 608163-014-025-1/1	NWO-017-5009	09/14/06	12:04 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 7471H

Data File Name: Hg060914.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
S 608163-015-022-1/1	NWO-017-5010	09/14/06	12:06 PM
SP608163-015-022-1/1	NWO-017-5010 MS	09/14/06	12:09 PM
SD608163-015-022-1/1	NWO-017-5010 MSD	09/14/06	12:11 PM
S 608163-016-023-1/1	NWO-017-5011	09/14/06	12:13 PM
Ck5 CCV3		09/14/06	12:20 PM
Ck6 CCB3		09/14/06	12:23 PM

ICPMS ANALYSIS LOG

Instrument ID: ICPMS (X0206) Inst. Method: 6020A Nebulizer:

Analytical Batch No: 060912MS

Workorder	Project/SDG #	Prep. Seq.	Batch #	Matrix s/w/e	Prep. Date	Method	Comments / Dilution
608038	ALION	83432	070	S	8.29.06	6020A	10x ON ALL
608163	SHAW	93679	111		9.11.06		20x ON 007,009-011 / 50x ON 011 (USE 20x FOR 011)
607217	EPA	93660	106		9.9.06		10x ON ALL
607218	↓	↓	↓	↓	↓	↓	↓
607219	↓	↓	↓	↓	↓	↓	↓

9.13.06

Source Solution Numbers			
Stds.	Number	Stds.	Number
S0	129-102-04	ICV	37877
S1	37871	CCV	38152
S2	37872	ICSA	37924
S3	37873	ICSAB	37925
S4	37874	CRI STD6	37876
S5	37875	Low Ck	38153
Ints	38154	LR	37926

Post Digestion Spikes

Spike 9.9 mls of sample with 0.1 mls of 35664

Samples:

608038-001-01B-2/3

607219-002-002-1/1

Analyst: Date: 9.13.06 Reviewed: KA Date: 9-13-06

ICP ANALYSIS LOG

GPL - Maryland Laboratory **ICPMS Analysis Log** **Data File: 060912MS.csv**

Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time
1	BLANK		12/12/2006	18:45	31	S 608038-003 002-1/1		12/12/2006	20:05	61	S 607217-003-003-1/1		12/12/2006	23:10	91	CCV		12/13/2006	2:14					
2	STD1		12/12/2006	18:51	32	S 608038-004-003-1/1		12/12/2006	20:12	62	S 607217-004-004-1/1		12/12/2006	23:16	92	CCB		12/13/2006	2:20					
3	STD2		12/12/2006	18:57	33	CCV		12/12/2006	20:18	63	S 607217-005-005-1/1		12/12/2006	23:22										
4	STD7		12/12/2006	17:03	34	CCB		12/12/2006	20:24	64	S 607217-006-006-1/1		12/12/2006	23:28										
5	STD3		12/12/2006	17:10	35	S 608038-005-004-1/1		12/12/2006	20:30	65	S 607217-007-007-1/1		12/12/2006	23:34										
6	STD4		12/12/2006	17:16	36	S 608038-006-005-1/1		12/12/2006	20:36	66	S 607217-008-008-1/1		12/12/2006	23:40										
7	STD5		12/12/2006	17:22	37	S 608038-007-006-1/1		12/12/2006	20:42	67	S 607217-009-009-1/1		12/12/2006	23:46										
8	STD6		12/12/2006	17:28	38	S 608038-008-007-1/1		12/12/2006	20:48	68	S 607218-001-001-1/1		12/12/2006	23:53										
9	ICV		12/12/2006	17:34	39	S 608038-009-008-1/1		12/12/2006	20:55	69	CCV		12/12/2006	23:59										
10	ICV(Cd)		12/12/2006	17:40	40	S 608038-010-009-1/1		12/12/2006	21:01	70	CCB		12/13/2006	0:05										
11	ICB		12/12/2006	17:46	41	S 608038-011-010-1/1		12/12/2006	21:07	71	S 607218-002-002-1/1		12/13/2006	0:11										
12	CCV		12/12/2006	17:52	42	S 608038-012-011-1/1		12/12/2006	21:13	72	S 607218-003-003-1/1		12/13/2006	0:17										
13	CCB		12/12/2006	17:58	43	S 608038-013-012-1/1		12/12/2006	21:19	73	S 607218-004-004-1/1		12/13/2006	0:23										
14	PQL		12/12/2006	18:03	44	S 608038-014-013-1/1		12/12/2006	21:25	74	S 607218-005-005-1/1		12/13/2006	0:29										
15	PQL(CeZr)		12/12/2006	18:09	45	CCV		12/12/2006	21:31	75	S 607218-006-006-1/1		12/13/2006	0:35										
16	ICSA		12/12/2006	18:13	46	CCB		12/12/2006	21:37	76	S 607218-007-007-1/1		12/13/2006	0:42										
17	ICSAB		12/12/2006	18:18	47	S 608038-016-014-1/1		12/12/2006	21:44	77	S 607219-001-001-1/1		12/13/2006	0:48										
18	ICSAB(ZR)		12/12/2006	18:23	48	S 608038-018-015-1/1		12/12/2006	21:50	78	S 607219-002-002-1/1		12/13/2006	0:54										
19	LR		12/12/2006	18:29	49	S 608038-018-016-1/1		12/12/2006	21:56	79	SP607219-002-002-1/		12/13/2006	1:00										
20	LR(Zr)		12/12/2006	18:34	50	S 608163-007-013-1/2	2	12/12/2006	22:02	80	SD607219-002-002-1/		12/13/2006	1:06										
21	CCV		12/12/2006	18:50	51	S 608163-008-019-1/1	2	12/12/2006	22:08	81	CCV		12/13/2006	1:12										
22	CCB		12/12/2006	19:01	52	S 608163-010-020-1/1	2	12/12/2006	22:14	82	CCB		12/13/2006	1:18										
23	BLK(070)		12/12/2006	19:06	53	S 608163-011-021-1/1	2	12/12/2006	22:20	83	PS607219-002-002-1/		12/13/2006	1:25										
24	BKS(070)		12/12/2006	19:22	54	S 608163-011-021-1/1	5	12/12/2006	22:27	84	SE607219-002-002-1/		12/13/2006	1:31										
25	S 608038-001-018-2/3		12/12/2006	19:29	55	BLK03060		12/12/2006	22:33	85	S 607219-003-003-1/1		12/13/2006	1:37										
26	SP608038-001-018-2/		12/12/2006	19:35	56	BKS03060		12/12/2006	22:39	86	S 607219-004-004-1/1		12/13/2006	1:43										
27	SD608038-001-018-2/		12/12/2006	19:41	57	CCV		12/12/2006	22:45	87	S SRM-100		12/13/2006	1:49										
28	PS608038-001-018-2/		12/12/2006	19:47	58	CCB		12/12/2006	22:51	88	ICSA		12/13/2006	1:55										
29	SE608038-001-018-2/		12/12/2006	19:53	59	S 607217-001-001-1/1		12/12/2006	22:57	89	ICSAB		12/13/2006	2:01										
30	S 608038-002-001-1/1		12/12/2006	19:59	60	S 607217-002-002-1/1		12/12/2006	23:03	90	ICSAB(ZR)		12/13/2006	2:06										

Analyst Signature: Date: 2-13-06 Analyst Signature: Date:

Sample Dilutions:	LR okay IS okay

USEPA - CLP

15 - IN

ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
BLANK	16:45	100		100		100		100		100	
STD1	16:51	101		98		106		101		100	
STD2	16:57	104		99		111		102		102	
STD7	17:03	105		101		111		105		103	
STD3	17:10	98		92		104		95		96	
STD4	17:16	102		96		105		99		100	
STD5	17:22	103		97		104		100		102	
STD6	17:28	99		96		103		99		102	
ICV	17:34	103		97		104		97		102	
ICV(Cd)	17:40	103		95		106		95		100	
ICB	17:46	99		94		103		94		98	
CCV	17:52	98		90		95		90		97	
CCB	17:58	103		95		102		94		100	
PQL	18:03	101		93		98		93		98	
PQL(CoZr)	18:08	101		94		103		94		99	
ICSA	18:13	76		76		72		73		83	
ICSAB	18:18	80		75		76		71		85	
ICSAB(ZR)	18:23	79		73		79		70		84	
LR	18:29	100		83		88		80		96	
LR(Zr)	18:34	103		89		99		87		98	
CCV	18:56	104		87		94		85		98	
CCB	19:01	102		87		93		85		96	
BLK(070)	19:08	106		90		95		86		99	
BKS(070)	19:22	104		88		90		83		98	
S 608038-001-018-2/3	19:29	102		86		89		90		98	
SP608038-001-018-2/3	19:35	99		84		89		89		96	
SD608038-001-018-2/3	19:41	95		82		85		86		93	
PS608038-001-018-2/3	19:47	98		82		87		86		95	
SE608038-001-018-2/3	19:53	97		82		84		79		92	
S 608038-002-001-1/1	19:59	96		82		88		87		94	
S 608038-003-002-1/1	20:05	100		85		89		88		96	
S 608038-004-003-1/1	20:12	94		84		88		88		94	
CCV	20:18	97		84		88		80		94	
CCB	20:24	96		86		92		81		92	
S 608038-005-004-1/1	20:30	97		84		87		87		95	
S 608038-006-005-1/1	20:36	96		83		87		87		95	
S 608038-007-006-1/1	20:42	95		83		84		85		93	
S 608038-008-007-1/1	20:48	98		85		88		88		96	

FORM XV - IN CLP_ILM05.3

USEPA - CLP

15 - IN

ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
S 608038-009-008-1/1	20:55	92		82		82		86		93	
S 608038-010-009-1/1	21:01	96		83		84		87		95	
S 608038-011-010-1/1	21:07	95		84		85		86		94	
S 608038-012-011-1/1	21:13	94		84		84		85		94	
S 608038-013-012-1/1	21:19	96		84		87		87		95	
S 608038-014-013-1/1	21:25	92		83		84		85		92	
CCV	21:31	96		84		85		79		94	
CCB	21:37	97		86		90		81		94	
S 608038-015-014-1/1	21:44	95		85		86		83		94	
S 608038-016-015-1/1	21:50	100		86		90		83		96	
S 608038-018-016-1/1	21:56	97		87		87		85		96	
S 608163-007-013-1/2	22:02	103		91		93		87		100	
S 608163-009-019-1/1	22:08	95		89		90		90		95	
S 608163-010-020-1/1	22:14	98		90		92		93		97	
S 608163-011-021-1/1	22:20	96		90		93		98		97	
S 608163-011-021-1/1	22:27	98		92		92		93		97	
BLK93660	22:33	101		89		91		84		97	
BKS93660	22:39	98		88		86		83		97	
CCV	22:45	98		85		84		79		95	
CCB	22:51	96		87		85		82		94	
S 607217-001-001-1/1	22:57	100		88		90		98		99	
S 607217-002-002-1/1	23:03	99		89		92		101		99	
S 607217-003-003-1/1	23:10	99		89		89		101		99	
S 607217-004-004-1/1	23:16	101		90		91		101		101	
S 607217-005-005-1/1	23:22	99		89		88		102		100	
S 607217-006-006-1/1	23:28	102		91		90		98		102	
S 607217-007-007-1/1	23:34	99		90		86		96		101	
S 607217-008-008-1/1	23:40	103		90		89		98		102	
S 607217-009-009-1/1	23:46	100		90		89		100		102	
S 607218-001-001-1/1	23:53	105		91		90		95		103	
CCV	23:59	102		91		86		83		101	
CCB	0:05	110		97		95		88		106	
S 607218-002-002-1/1	0:11	102		92		90		95		103	
S 607218-003-003-1/1	0:17	104		91		92		92		103	
S 607218-004-004-1/1	0:23	103		93		90		94		103	
S 607218-005-005-1/1	0:29	101		91		87		96		102	
S 607218-006-006-1/1	0:35	104		93		90		95		103	
S 607218-007-007-1/1	0:42	102		92		89		96		102	

USEPA - CLP

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
S 607219-001-001-1/1	0:48	102		92		88		95		103	
S 607219-002-002-1/1	0:54	99		91		87		96		101	
SP607219-002-002-1/1	1:00	104		92		87		94		104	
SD607219-002-002-1/1	1:06	102		92		87		95		103	
CCV	1:12	102		91		80		81		102	
CCB	1:18	108		98		89		87		106	
PS607219-002-002-1/1	1:25	101		92		87		98		103	
SE607219-002-002-1/1	1:31	110		96		90		87		107	
S 607219-003-003-1/1	1:37	99		92		83		97		102	
S 607219-004-004-1/1	1:43	104		94		89		98		105	
S SRM-106	1:49	103		93		85		95		104	
ICSA	1:55	79		82		65		74		88	
ICSAB	2:01	78		79		69		71		86	
ICSAB(ZR)	2:08	74		75		72		70		83	
CCV	2:14	95		84		88		78		94	
CCB	2:20	94		82		87		76		90	

USEPA - CLP

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
BLANK	16:45	100									
STD1	16:51	98									
STD2	16:57	99									
STD7	17:03	101									
STD3	17:10	91									
STD4	17:16	96									
STD5	17:22	97									
STD6	17:28	96									
ICV	17:34	96									
ICV(Cd)	17:40	94									
ICB	17:46	93									
CCV	17:52	88									
CCB	17:58	93									
PQL	18:03	92									
PQL(CoZr)	18:08	93									
ICSA	18:13	73									
ICSAB	18:18	71									
ICSAB(ZR)	18:23	69									
LR	18:29	80									
LR(Zr)	18:34	86									
CCV	18:56	85									
CCB	19:01	84									
BLK(070)	19:08	87									
BKS(070)	19:22	85									
S 608038-001-018-2/3	19:29	97									
SP608038-001-018-2/3	19:35	95									
SD608038-001-018-2/3	19:41	94									
PS608038-001-018-2/3	19:47	93									
SE608038-001-018-2/3	19:53	81									
S 608038-002-001-1/1	19:59	88									
S 608038-003-002-1/1	20:05	92									
S 608038-004-003-1/1	20:12	95									
CCV	20:18	81									
CCB	20:24	83									
S 608038-005-004-1/1	20:30	92									
S 608038-006-005-1/1	20:36	96									
S 608038-007-006-1/1	20:42	87									
S 608038-008-007-1/1	20:48	92									

FORM XV - IN CLP_ILM05.3

USEPA - CLP

15 - IN

ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
S 608038-009-008-1/1	20:55	91									
S 608038-010-009-1/1	21:01	92									
S 608038-011-010-1/1	21:07	91									
S 608038-012-011-1/1	21:13	87									
S 608038-013-012-1/1	21:19	95									
S 608038-014-013-1/1	21:25	90									
CCV	21:31	81									
CCB	21:37	83									
S 608038-015-014-1/1	21:44	84									
S 608038-016-015-1/1	21:50	85									
S 608038-018-016-1/1	21:56	87									
S 608163-007-013-1/2	22:02	101									
S 608163-009-019-1/1	22:08	96									
S 608163-010-020-1/1	22:14	101									
S 608163-011-021-1/1	22:20	110									
S 608163-011-021-1/1	22:27	99									
BLK93660	22:33	85									
BKS93660	22:39	84									
CCV	22:45	82									
CCB	22:51	83									
S 607217-001-001-1/1	22:57	84									
S 607217-002-002-1/1	23:03	86									
S 607217-003-003-1/1	23:10	85									
S 607217-004-004-1/1	23:16	86									
S 607217-005-005-1/1	23:22	85									
S 607217-006-006-1/1	23:28	87									
S 607217-007-007-1/1	23:34	85									
S 607217-008-008-1/1	23:40	86									
S 607217-009-009-1/1	23:46	86									
S 607218-001-001-1/1	23:53	90									
CCV	23:59	86									
CCB	0:05	92									
S 607218-002-002-1/1	0:11	87									
S 607218-003-003-1/1	0:17	86									
S 607218-004-004-1/1	0:23	89									
S 607218-005-005-1/1	0:29	86									
S 607218-006-006-1/1	0:35	90									
S 607218-007-007-1/1	0:42	90									

FORM XV - IN CLP_ILM05.3

USEPA - CLP

15 - IN

ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/12/2006 End Date: 09/13/2006

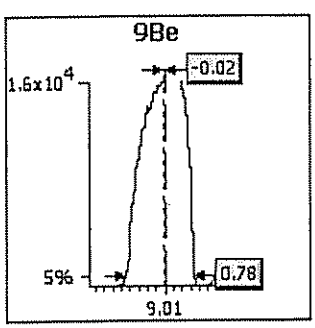
EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
S 607219-001-001-1/1	0:48	88									
S 607219-002-002-1/1	0:54	86									
SP607219-002-002-1/1	1:00	87									
SD607219-002-002-1/1	1:06	86									
CCV	1:12	86									
CCB	1:18	92									
PS607219-002-002-1/1	1:25	87									
SE607219-002-002-1/1	1:31	89									
S 607219-003-003-1/1	1:37	89									
S 607219-004-004-1/1	1:43	89									
S SRM-106	1:49	87									
ICSA	1:55	78									
ICSAB	2:01	75									
ICSAB(ZR)	2:08	71									
CCV	2:14	81									
CCB	2:20	78									

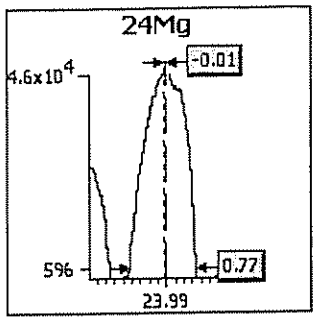
Performance Report

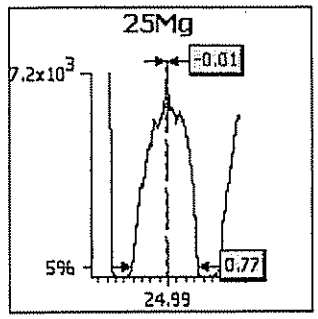
Sample details
Acquired at : 09/12/2006 02:01:22 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

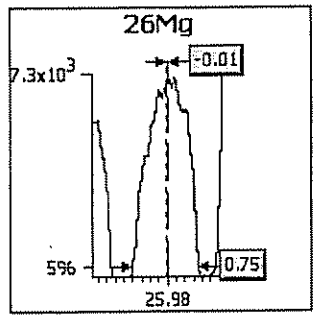
Mass Calibration verification

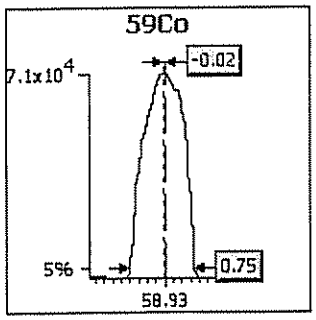
Acquisition parameters
Sweeps : 25
Dwell : 2.0 mSecs
Point spacing : 0.01 amu
Peak width measured at 5% of the peak maximum

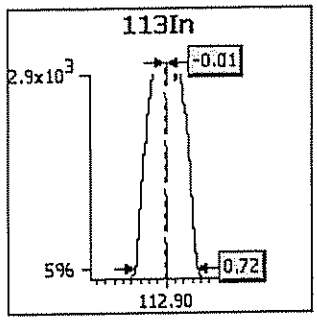


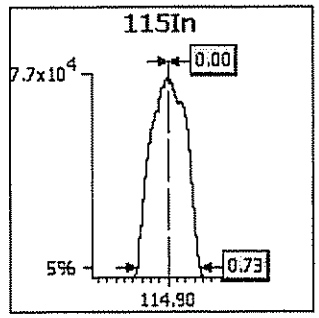


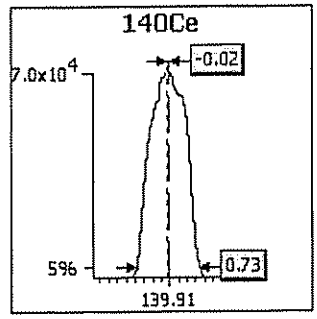


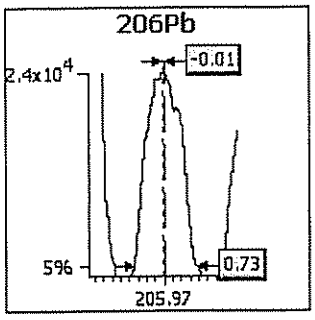


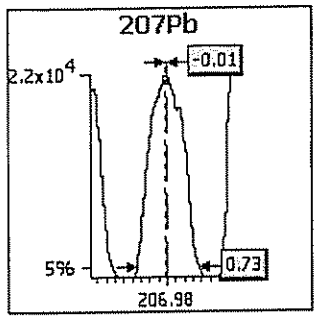


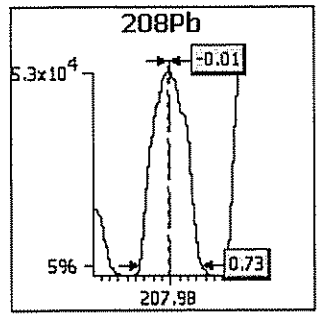












Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error

9Be	0.90	0.45	0.10	0.78	-0.02
24Mg	0.90	0.45	0.10	0.77	-0.01
25Mg	0.90	0.45	0.10	0.77	-0.01
26Mg	0.90	0.45	0.10	0.75	-0.01
59Co	0.90	0.45	0.10	0.75	-0.02
113In	0.90	0.45	0.10	0.72	-0.01
115In	0.90	0.45	0.10	0.73	0.00
140Ce	0.90	0.45	0.10	0.73	-0.02
206Pb	0.90	0.45	0.10	0.73	-0.01
207Pb	0.90	0.45	0.10	0.73	-0.01
208Pb	0.90	0.45	0.10	0.73	-0.01

Sample details
Acquired at : 09/12/2006 02:01:22 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Tune conditions

Major	
Extraction	-165
Lens 1	2.0
Focus	26.1
D1	-41.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.93
Sampling Depth	130

Minor	
Lens 2	-49.4
Lens 3	-134.1
Forward power	1451
Horizontal	105
Vertical	380
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	122
High resolution	125
Analogue Detector	2167
PC Detector	3471

Add. Gases

Sensitivity and stability results

Acquisition parameters

Sweeps : 180

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	113In	115In	140Ce
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Limits	%RSD	-	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
	Countrate	-	>4000	>5000	>1000	>1000	>10000	>1000	>50000	>50000
1	02:02:51 PM	0.000	15812.361	46085.061	6069.073	6865.236	71416.604	3437.281	76621.565	74568.903
2	02:04:01 PM	0.056	15726.236	46862.089	6313.533	7041.915	72181.041	3376.168	76333.011	74340.400
3	02:05:12 PM	0.111	15861.813	47215.588	6302.421	7082.473	72852.083	3365.057	75914.360	73667.124
4	02:06:23 PM	0.111	16044.620	47365.103	6207.970	7139.144	72726.436	3339.500	75556.867	73620.423
5	02:07:33 PM	0.167	15982.388	46883.210	6312.421	7095.807	72054.283	3345.056	75352.268	73364.680
x		0.089	15885.484	46882.210	6241.084	7044.915	72246.089	3372.612	75955.614	73912.306
σ		0.06	128.43	495.02	105.81	106.27	575.98	39.08	526.94	514.68
%RSD		71.261	0.809	1.056	1.695	1.508	0.797	1.159	0.694	0.696

Run	Time	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	2.0%	2.0%	2.0%	-
	Countrate	-	>10000	>10000	>25000	<2
1	02:02:51 PM	798.707	25866.678	21810.156	53038.506	0.111
2	02:04:01 PM	813.892	25532.704	21674.015	51764.505	0.167
3	02:05:12 PM	789.262	25389.889	21228.920	50973.544	0.000
4	02:06:23 PM	782.225	25025.909	21208.916	51065.257	0.056
5	02:07:33 PM	821.855	25039.801	21341.722	51835.098	0.000
x		801.188	25370.996	21452.746	51735.382	0.067
σ		16.56	353.90	273.21	827.40	0.07
%RSD		2.067	1.395	1.274	1.599	108.653

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0200
1	02:02:51 PM	0.011

2	02:04:01 PM	0.011
3	02:05:12 PM	0.011
4	02:06:23 PM	0.011
5	02:07:33 PM	0.011
x		0.0108
σ		0.00
%RSD		2.1718

Result : The performance report passed.

Dilution Corrected Concentrations

BLANK 09/12/2006 04:45:32 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.000%	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000	100.000%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	0.000	0.000	0.000	-0.000	100.000%	0.000	0.000	-0.000
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.000	0.000	100.000%	0.000	0.000	0.000	-0.000	-0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.000%	0.000	0.000	0.000	100.000%				

STD1 09/12/2006 04:51:40 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.169%	5.231	2.317	-0.230	-0.277	T 4978.000	1.436	33.220	101.413%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.560	51.230	50.180	-25150.000	49.150	T 4957.000	48.900	50.010	49.510
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.470	50.120	0.068	49.130	50.000	97.950%	48.480	49.390	49.880
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.525	50.070	49.200	97.875%	50.630	49.780	50.960	49.400	0.070
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.783%	49.350	49.800	48.780	100.770%				

STD2 09/12/2006 04:57:45 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.585%	10.330	1.438	-0.503	-0.471	TM 10010.000	1.556	66.270	102.277%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.970	101.000	99.890	-33650.000	98.630	TM 10020.000	98.490	100.100	99.700
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.350	101.100	0.055	102.300	100.500	98.799%	105.500	100.300	M 100.100
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.139	M 99.960	98.650	98.627%	102.800	100.400	101.500	100.500	0.106
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.840%	100.400	100.500	98.590	103.519%				

STD7 09/12/2006 05:03:54 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.350%	0.005	-0.837	-0.458	-0.363	0.175	1.875	1.163	105.419%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.952	0.649	0.638	-24830.000	0.005	4.664	-0.000	-0.001	0.033
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.633	0.122	0.082	0.069	0.009	101.385%	M 248.100	0.061	0.278
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.008	0.029	1.941	100.503%	0.001	0.014	0.007	-0.019	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		103.345%	0.316	0.323	0.005	104.853%				

STD3 09/12/2006 05:10:00 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.108%	M 49.910	4.232	0.018	-0.057	3.223	2.318	145.900	94.551%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1000.000	TM 999.800	TM 1000.000	-48920.000	TM 1000.000	TM 50460.000	TM 1000.000	M 750.000	M 1000.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 500.400	M 199.400	0.170	M 199.100	M 199.700	90.863%	M 561.800	M 1000.000	M 102.000
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-10.160	M 101.100	M 200.900	91.818%	M 999.700	M 499.900	M 499.600	M 1000.000	1.134
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.762%	M 200.000	M 199.800	TM 2000.000	98.350%				

STD4 09/12/2006 05:16:08 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.442%	0.004	T 1001.000	T 1000.000	1029.000	-0.151	T 1001.000	1016.000	99.400%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.130	0.072	1.043	-21330.000	0.138	3.631	0.053	0.275	0.379
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.140	-0.011	0.041	0.116	-0.043	95.841%	0.124	0.288	0.008
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.073	0.008	0.032	96.165%	0.400	0.314	0.314	-0.019	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.811%	0.508	0.506	0.145	102.034%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.499%	0.002	T 9991.000	T 9985.000	T 9878.000	-1.175	T 9972.000	9902.000	100.085%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.031	0.299	0.616	-28540.000	0.284	1.158	0.009	0.131	0.105
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.638	0.020	0.038	0.223	0.055	97.436%	0.044	0.102	0.010
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.038	0.008	0.016	96.700%	0.185	0.062	0.043	-0.044	-0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.298%	0.220	0.214	0.159	102.695%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.253%	0.003	TM 20000.000	TM 20010.000	TM 20060.000	-0.942	TM 20010.000	TM 20050.000	99.311%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.054	-0.060	0.501	-29860.000	0.518	1.193	-0.003	0.128	0.136
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.608	0.016	0.103	0.026	0.161	96.333%	0.047	0.058	0.013
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.013	0.013	-0.001	95.729%	0.150	0.029	0.010	-0.137	0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.556%	0.117	0.121	0.224	99.088%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.826%	4.358	T4956.000	T4990.000	T4962.000	T498.300	T4943.000	5050.000	97.020%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.880	43.470	40.710	-5190.000	42.500	T524.700	41.530	42.030	41.040
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.630	42.260	-0.035	42.220	41.750	95.800%	42.630	41.550	41.540
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.555	41.780	4.574	96.663%	43.410	42.790	42.240	42.590	0.047
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.657%	42.590	42.970	42.050	103.371%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.886%	-0.000	-0.067	-0.232	-0.275	0.380	1.102	0.598	95.293%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.080	0.128	0.242	3174.000	0.012	-2.615	0.004	-0.009	0.027
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.010	-0.007	-0.048	-0.259	-0.014	94.382%	0.088	0.025	0.003
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.037	0.002	3.983	95.434%	0.056	0.004	0.003	-0.075	0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		100.406%	0.223	0.205	0.010	102.588%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.392%	-0.003	-0.287	-0.341	-0.310	-0.393	1.482	0.463	94.477%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.013	-0.321	0.419	2853.000	0.006	-3.499	0.001	-0.019	0.005
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.381	0.103	-0.050	0.058	0.016	92.503%	0.045	0.012	0.003
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.016	0.001	-0.005	93.619%	0.024	0.003	-0.014	0.084	-0.001
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.705%	0.106	0.088	0.004	99.060%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.996%	4.973	T9778.000	T9721.000	T9679.000	T4970.000	T9733.000	9672.000	89.558%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.750	50.730	49.900	-28540.000	50.260	T5060.000	49.230	49.110	49.680
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.010	50.540	-0.062	50.190	50.840	88.414%	52.420	50.550	49.940
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.514	49.930	49.730	89.767%	51.310	51.280	49.610	50.670	0.054
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.707%	50.750	51.060	50.280	97.524%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.866%	-0.008	0.029	-0.206	-0.157	-0.158	1.247	-1.430	94.285%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.046	-0.339	0.212	-8171.000	-0.005	-3.814	0.002	-0.016	0.006
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.611	0.269	-0.093	-0.347	-0.010	93.361%	0.151	0.043	0.002
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.042	0.004	0.018	94.905%	0.035	-0.006	-0.016	0.091	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.833%	0.287	0.296	0.009	102.926%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.766%	0.221	r964.100	98.690	101.400	102.200	r959.200	987.700	92.970%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.945	11.070	2.221	-15170.000	2.071	48.550	1.028	1.040	2.139
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.010	5.158	-0.074	4.868	1.938	91.559%	0.145	5.143	0.312
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.100	0.320	0.529	93.360%	5.309	1.178	1.130	5.165	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.785%	2.044	2.061	1.992	100.607%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.665%	-0.005	0.094	-0.128	-0.244	-0.218	0.615	1.629	94.273%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.035	-0.348	0.206	-8027.000	0.003	-2.706	0.554	-0.025	0.033
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.115	0.001	-0.042	-0.303	-0.005	92.967%	9.142	0.011	0.013
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.088	0.003	0.031	94.371%	-0.006	-0.000	-0.009	0.052	0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.892%	0.079	0.080	0.010	101.378%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		72.118%	-0.006	TM 259600.000	TM 100100.000	TM 99050.000	TM 101000.000	TM 99510.000	TM 302500.000	72.947%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2135.000	0.172	1.268	-63750.000	0.018	TM 244100.000	0.080	0.375	0.928
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.981	0.555	0.451	1.500	4.206	72.597%	0.257	M 2021.000	0.096
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.187	0.104	-0.089	75.716%	0.157	0.184	0.176	0.406	0.040
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		83.199%	0.147	0.141	0.136	75.769%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		76.394%	17.510	TM 253000.000	TM 96610.000	TM 95440.000	TM 97350.000	TM 98380.000	TM 302200.000	71.442%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2130.000	20.360	20.510	-65580.000	19.650	TM 242100.000	18.700	18.420	17.860
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.590	19.270	0.294	17.640	25.430	70.923%	9.580	M 2036.000	17.600
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.713	17.570	17.240	74.974%	20.350	19.190	18.030	20.670	0.067
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		84.986%	21.700	22.080	21.750	79.534%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		78.557%	0.003	TM 250500.000	TM 95280.000	TM 94430.000	TM 95960.000	TM 97120.000	TM 301300.000	70.375%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2109.000	-0.564	0.841	-61000.000	-0.014	TM 239800.000	0.053	0.259	0.792
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.770	0.011	0.435	0.344	4.296	69.088%	21.630	M 2020.000	0.124
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.990	0.114	0.196	73.135%	0.135	0.235	0.186	0.571	0.056
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		83.754%	0.227	0.263	0.144	78.917%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.127%	M 228.900	34.230	6.055	5.571	7.442	12.670	3626.000	79.863%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4833.000	TM 4907.000	TM 4949.000	T 41370.000	TM 5002.000	TM 248000.000	TM 4871.000	TM 3748.000	TM 5010.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2364.000	M 959.500	-0.002	M 950.800	TM 6070.000	80.305%	M 562.200	TM 5285.000	M 498.700
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb12	3Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-23.710	M 499.100	M 969.400	83.051%	TM 4830.000	M 513.100	472.000	TM 5009.000	5.321
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.687%	TM 1015.000	TM 1010.000	TM 9830.000	99.883%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.064%	0.005	7.744	1.705	1.842	1.720	6.553	6.329	87.435%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.313	0.702	1.070	-32080.000	0.107	4.457	0.100	0.082	0.121
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.217	0.443	-0.123	-0.009	0.129	85.527%	TM 996.300	2.224	1.075
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-12.490	0.122	8.198	89.221%	1.163	0.023	0.000	0.115	-0.004
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.198%	1.726	1.726	0.252	103.029%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.033%	4.763	T9534.000	T9560.000	T9427.000	T4828.000	T9498.000	9744.000	84.744%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.820	50.490	49.780	3793.000	49.850	T4956.000	49.050	49.500	49.410
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.420	50.150	-0.026	48.890	50.150	84.696%	51.580	51.060	50.060
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.638	49.980	49.870	86.642%	52.180	51.580	47.930	50.560	0.064
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.226%	50.320	50.630	49.130	103.778%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.610%	0.000	5.160	1.171	0.992	2.385	2.671	55.430	84.977%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.502	1.158	0.330	-5809.000	0.036	2.166	0.027	-0.011	0.041
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.523	0.246	-0.064	-0.212	0.008	83.993%	0.218	0.123	0.008
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.041	0.007	-0.006	86.996%	0.253	0.036	0.010	0.045	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.766%	0.486	0.458	0.051	102.389%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.450%	0.003	12.830	5.300	5.278	17.150	4.528	105.000	85.918%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.621	1.639	0.387	-9521.000	0.081	5.795	0.037	0.031	0.121
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.655	-0.084	-0.005	0.059	0.628	86.917%	0.686	0.135	0.012
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.053	0.006	-0.001	89.925%	3.005	0.038	0.030	1.345	-0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.905%	0.196	0.202	0.106	105.571%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.316%	5.131	T984.500	T981.300	1028.000	T1004.000	T970.400	1172.000	83.276%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		213.000	55.300	54.060	-11460.000	107.900	T1041.000	53.070	53.930	53.470
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.800	10.740	-0.048	10.460	107.700	84.524%	46.620	54.050	10.770
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.741	10.790	10.920	88.036%	58.640	10.840	10.280	109.700	0.127
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.042%	10.790	10.950	106.000	103.602%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.965%	1.553	T 8765.000	T 6976.000	T 6894.000	TM 50840.000	T 14130.000	6907.000	89.579%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1829.000	74.270	64.380	-40180.000	T 592.400	TM 30950.000	10.620	23.560	24.760
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		119.000	12.900	-0.074	1.017	111.300	96.671%	48.070	0.764	0.260
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.557	0.230	0.696	85.705%	10.460	1.041	0.926	382.300	8.285
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.065%	0.563	0.575	76.890	102.391%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.816%	6.333	T 9759.000	T 8097.000	T 8047.000	TM 54120.000	T 15390.000	7671.000	88.692%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2045.000	120.000	112.700	-36360.000	T 707.200	TM 32380.000	55.690	68.970	68.840
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		209.000	20.980	-0.017	9.722	M 200.300	94.914%	86.880	46.600	9.841
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.340	9.831	10.210	84.176%	61.040	11.330	10.440	490.900	8.162
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.902%	10.780	10.800	190.800	99.198%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.957%	6.840	T 10870.000	T 8984.000	T 8891.000	TM 60780.000	T 17130.000	8269.000	86.470%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2231.000	133.000	122.900	-34580.000	T 792.900	TM 36200.000	59.770	73.890	73.980
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		217.300	23.700	-0.007	9.405	M 212.500	93.892%	94.030	48.950	10.320
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.477	10.390	11.360	82.267%	64.430	11.870	11.280	534.300	9.195
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		93.312%	11.590	11.600	197.100	94.975%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.567%	8.879	T 12300.000	T 10510.000	T 10500.000	TM 52470.000	T 17640.000	10360.000	86.146%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1855.000	89.210	78.950	-32060.000	T 652.800	TM 32740.000	31.340	52.020	45.240
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		168.800	64.230	0.026	44.180	125.000	92.882%	TM 414.700	22.190	30.300
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-6.287	30.270	18.840	82.258%	94.000	64.160	61.720	399.300	8.320
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.808%	81.420	82.510	140.600	97.893%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.090%	0.313	T 1790.000	T 1462.000	1476.000	TM 10850.000	T 3019.000	1521.000	79.409%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		396.100	17.070	15.280	-15640.000	134.200	T 6901.000	2.408	5.539	5.851
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		29.280	3.057	0.001	-0.092	25.520	81.340%	11.550	0.224	0.061
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.115	0.053	0.147	82.185%	2.177	0.270	0.212	77.100	1.682
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		92.014%	0.305	0.339	15.560	96.532%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.394%	0.851	T 9435.000	T 3395.000	3365.000	TM 34130.000	T 10360.000	6993.000	86.554%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1326.000	33.910	25.580	-28120.000	T 538.700	TM 14670.000	6.356	11.560	4.453
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		38.620	3.540	-0.008	0.844	129.400	88.293%	40.340	0.363	0.097
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.543	0.058	0.483	82.441%	3.724	0.238	0.222	321.400	5.515
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		93.897%	0.373	0.365	20.570	96.082%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.316%	1.005	T 7376.000	T 4631.000	T 4592.000	TM 36630.000	T 10590.000	6535.000	87.831%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1338.000	51.560	37.590	-29290.000	T 694.800	TM 19410.000	7.154	16.830	10.350
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		69.600	5.929	-0.017	0.554	107.700	91.556%	37.030	0.561	0.106
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.563	0.095	0.622	85.127%	4.604	0.608	0.538	301.600	5.705
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.454%	0.379	0.381	34.720	99.529%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.974%	1.650	T 7430.000	T 6650.000	T 6654.000	TM 54750.000	T 14720.000	7525.000	88.487%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1660.000	90.070	66.330	-30250.000	T 794.300	TM 30790.000	13.040	28.800	23.070
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.900	9.988	-0.002	1.411	105.400	95.225%	43.950	0.944	0.241
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.670	0.234	0.760	83.516%	8.587	1.458	1.405	387.100	8.298
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		93.963%	0.555	0.572	84.550	93.943%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.490%	5.056	T9523.000	T9702.000	T9697.000	T4942.000	T9591.000	9746.000	79.695%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.310	50.990	51.110	14680.000	50.480	T5111.000	50.230	49.970	50.090
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.270	51.100	-0.019	51.700	50.760	81.244%	50.440	51.500	50.420
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.982	50.570	50.980	84.122%	52.280	51.890	49.110	50.740	0.069
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.116%	50.550	50.990	50.410	97.387%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.128%	-0.007	1.996	0.097	0.077	2.013	2.243	1.360	81.117%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.026	-0.111	0.924	41450.000	0.056	-3.765	0.004	-0.013	0.003
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.745	0.059	-0.021	-0.126	0.012	82.536%	0.134	0.033	0.002
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.025	0.004	-0.007	85.581%	0.100	0.021	0.011	0.016	-0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.355%	0.247	0.263	0.012	96.331%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.506%	1.108	T 7978.000	T 4642.000	T 4625.000	TM 38480.000	T 11110.000	7624.000	87.162%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1461.000	53.300	37.290	-25650.000	T 699.300	TM 21720.000	7.487	18.110	26.720
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		166.200	5.262	0.009	0.717	118.600	91.814%	43.280	0.565	0.121
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.689	0.092	0.821	84.111%	6.075	0.464	0.444	325.500	5.984
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.032%	0.406	0.414	43.470	96.676%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.590%	1.589	T 9835.000	T 7655.000	T 7625.000	TM 55040.000	T 15200.000	9630.000	86.917%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1922.000	82.700	64.800	-27960.000	T 808.000	TM 32700.000	11.170	26.870	21.420
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		144.300	30.870	0.042	1.345	132.600	95.567%	53.590	0.861	0.190
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.806	0.160	0.994	83.266%	9.614	0.863	0.860	430.900	8.778
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.698%	0.518	0.510	198.800	95.767%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.851%	0.793	T 7992.000	T 3296.000	3267.000	TM 31500.000	T 10410.000	6429.000	84.724%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1412.000	42.270	25.500	-22280.000	T 410.000	TM 14290.000	5.123	11.800	5.120
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		43.230	4.486	0.052	0.506	114.800	86.672%	44.070	0.484	0.096
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.563	0.063	0.526	83.313%	5.064	0.519	0.477	315.600	4.881
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		93.466%	0.293	0.287	42.550	94.511%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.436%	1.001	T 9819.000	T 4506.000	T 4486.000	TM 40220.000	T 11640.000	7860.000	87.569%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1581.000	56.660	35.920	-25900.000	T 658.300	TM 19390.000	7.024	16.780	9.050
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.730	5.992	0.045	0.964	132.500	92.225%	47.460	0.571	0.134
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.664	0.093	0.673	85.175%	4.650	0.568	0.568	359.000	6.158
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.266%	0.341	0.377	32.500	97.558%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.453%	1.585	T 8056.000	T 7312.000	T 7295.000	TM 52350.000	T 14000.000	7009.000	85.709%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1705.000	89.230	60.190	-24740.000	TM 1050.000	TM 31360.000	10.980	26.940	15.100
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.530	8.988	0.040	0.927	112.100	91.408%	46.560	0.779	0.179
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.634	0.151	0.844	82.400%	5.452	0.647	0.613	365.400	7.133
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		92.938%	0.471	0.496	49.090	92.383%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.399%	1.454	T 7005.000	T 7171.000	T 7147.000	TM 49780.000	T 12910.000	5862.000	86.706%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1688.000	77.560	62.570	-26460.000	TM 1250.000	TM 31750.000	11.250	23.740	15.350
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.610	9.720	0.012	1.191	95.910	92.443%	44.950	0.655	0.153
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.653	0.116	0.704	83.004%	5.422	0.534	0.496	339.300	7.513
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.557%	0.448	0.436	35.060	96.313%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.459%	1.086	T 8306.000	T 5138.000	T 5120.000	TM 40540.000	T 11160.000	6562.000	86.204%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1444.000	60.490	43.250	-21080.000	T 856.100	TM 21740.000	8.074	18.080	11.530
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		64.370	6.766	0.035	0.921	110.700	90.977%	44.430	0.553	0.141
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.625	0.095	0.660	84.126%	5.323	0.506	0.462	317.700	6.321
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.466%	0.362	0.349	38.270	95.219%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.650%	0.836	T 8051.000	T 3165.000	3128.000	TM 31610.000	T 11010.000	6425.000	85.385%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1435.000	40.390	25.000	-18640.000	T 394.800	TM 13990.000	4.889	11.350	4.838
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.270	4.609	0.011	0.624	112.800	86.699%	43.310	0.375	0.090
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.605	0.076	0.485	83.698%	4.069	0.473	0.453	317.900	4.758
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		93.622%	0.272	0.285	41.130	94.364%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.640%	1.603	T 8766.000	T 7400.000	T 7393.000	TM 54900.000	T 15040.000	6943.000	86.971%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1859.000	76.800	70.410	-25550.000	T 646.600	TM 32820.000	11.580	25.230	27.160
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		128.100	13.520	0.002	1.399	113.700	95.170%	50.060	0.809	0.287
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.820	0.241	0.837	83.897%	7.790	1.066	0.995	402.900	8.564
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.153%	0.503	0.534	86.810	95.756%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.180%	1.336	T 7297.000	T 6116.000	T 6095.000	TM 42580.000	T 11260.000	5511.000	85.462%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1433.000	58.550	51.570	-18440.000	T 756.400	TM 25760.000	10.150	22.350	19.570
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		115.800	8.920	-0.006	1.013	93.150	90.412%	39.420	0.504	0.288
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.583	0.258	0.672	82.784%	5.608	0.444	0.431	294.300	6.416
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		92.493%	0.372	0.361	34.940	91.762%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.250%	4.941	T9619.000	T9848.000	T9813.000	T5023.000	T9701.000	9785.000	78.509%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.400	51.060	51.370	24790.000	51.390	T5148.000	49.760	49.620	49.600
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.810	50.390	0.072	50.590	51.110	80.666%	51.060	51.120	50.020
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.579	49.830	50.110	83.794%	52.450	52.040	49.220	51.040	0.063
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.588%	50.740	51.180	50.810	95.939%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.218%	-0.008	1.857	0.073	0.154	2.334	2.339	2.321	81.209%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.114	-0.402	0.922	50170.000	0.069	-4.335	0.002	-0.009	0.041
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.152	-0.147	0.031	-0.290	0.001	83.429%	0.134	0.024	0.001
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.024	0.002	0.010	86.239%	0.068	0.001	-0.004	-0.018	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.669%	0.231	0.214	0.010	96.738%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.506%	0.456	T 2729.000	T 3075.000	3108.000	TM 14040.000	T 5862.000	7694.000	83.123%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		957.900	18.420	15.200	-176.000	250.700	T 9662.000	3.934	6.884	8.394
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.300	2.646	0.032	0.355	49.710	84.473%	15.220	0.272	0.045
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.266	0.042	0.280	84.703%	3.613	0.198	0.173	167.300	1.891
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.024%	0.224	0.211	231.600	95.374%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.543%	0.354	T 1633.000	T 1163.000	1171.000	TM 10720.000	T 5866.000	1425.000	83.154%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		441.000	13.530	16.410	-4410.000	222.300	TM 15970.000	3.402	17.880	32.690
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.520	4.863	0.006	0.129	28.920	85.019%	15.030	0.342	0.037
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.204	0.036	0.163	86.081%	4.301	0.312	0.290	180.000	1.727
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.452%	0.158	0.159	14.020	99.625%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.702%	0.485	T 2601.000	T 3060.000	3078.000	TM 13890.000	T 5622.000	8290.000	85.057%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		750.000	18.830	15.520	-3569.000	239.100	TM 9954.000	3.876	7.847	4.797
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		71.570	3.652	-0.009	0.167	53.430	86.912%	15.050	0.239	0.046
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.176	0.042	0.223	87.049%	3.393	0.287	0.280	171.400	1.924
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.837%	0.173	0.172	T 511.700	96.817%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.478%	0.654	35.680	T 2502.000	2502.000	TM 13660.000	T 1633.000	1868.000	87.296%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		933.800	57.080	20.130	-639.500	T 595.000	TM 19270.000	10.240	11.180	10.820
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.530	4.401	0.062	0.670	15.830	101.059%	3.633	0.270	0.031
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.106	0.030	0.241	90.722%	1.329	0.131	0.112	113.600	5.780
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.503%	0.159	0.156	9.430	102.592%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.891%	0.451	265.000	T 7269.000	T 7325.000	TM 23490.000	337.100	5138.000	90.036%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2788.000	152.900	67.170	-8618.000	T 846.100	TM 50110.000	29.690	28.960	80.970
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.160	1.157	0.084	0.578	35.380	96.257%	36.540	0.239	0.067
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.754	0.028	0.436	89.280%	1.785	0.033	0.024	88.810	4.616
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.271%	0.035	0.036	1.679	95.050%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.546%	0.786	38.430	T 1617.000	1612.000	TM 29500.000	T 808.600	2855.000	92.592%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3703.000	190.500	65.680	-21320.000	TM 1743.000	TM 56020.000	33.320	20.640	74.020
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		63.440	2.074	0.109	0.740	15.110	101.165%	29.650	0.468	0.085
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.679	0.051	0.470	90.137%	1.448	0.135	0.112	173.600	6.708
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.009%	0.124	0.109	30.040	97.721%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.513%	0.624	28.680	T 1339.000	1331.000	TM 30930.000	403.700	1270.000	97.774%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3023.000	212.200	97.120	-27630.000	TM 1332.000	TM 58700.000	31.610	21.260	81.610
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		38.670	1.291	0.037	1.267	10.570	110.140%	33.670	0.314	0.073
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.736	0.032	0.502	90.454%	1.348	0.036	0.024	157.300	12.190
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.951%	0.078	0.073	4.066	95.814%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.275%	0.248	14.850	T 548.500	560.200	TM 12760.000	175.800	548.300	93.317%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1298.000	92.150	43.030	-21760.000	T 564.400	TM 25250.000	13.730	9.463	36.470
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.690	0.343	0.107	0.525	4.703	99.222%	15.180	0.145	0.035
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.437	0.016	0.264	92.338%	0.570	-0.001	0.001	63.720	4.940
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.432%	0.033	0.023	1.616	97.771%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.470%	-0.008	21.260	1.219	1.365	18.420	4.810	217.500	84.433%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.030	1.235	0.909	-24840.000	0.061	-4.184	0.005	-0.013	0.065
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.825	0.796	-0.135	-0.271	0.133	85.142%	1.258	0.031	0.001
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.017	0.000	-0.010	89.320%	2.839	0.005	-0.005	0.256	-0.001
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.815%	-0.006	-0.005	0.038	100.965%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.998%	5.509	T 1063.000	T 1024.000	1038.000	TM 10750.000	T 1005.000	1251.000	83.026%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		180.100	54.700	54.040	-26050.000	106.900	TM 10640.000	52.570	53.110	53.160
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.900	10.600	-0.076	10.220	109.000	83.591%	40.280	45.460	10.780
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.464	10.670	10.800	88.231%	50.540	9.169	9.072	111.500	0.106
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.945%	11.030	11.030	108.000	98.431%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.487%	5.055	₸9723.000	₸9858.000	₸9809.000	₸5029.000	₸9713.000	9838.000	79.372%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.710	50.520	51.080	31670.000	50.930	₸5098.000	49.640	50.130	49.370
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.500	51.790	-0.064	51.750	50.970	81.993%	50.970	50.820	50.060
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.705	49.790	50.340	85.296%	52.790	52.200	49.090	51.070	0.068
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.195%	50.220	50.960	50.730	97.817%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.419%	-0.007	1.837	0.189	0.184	3.177	1.586	25.600	81.572%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.285	-0.397	0.562	28460.000	0.076	-2.257	0.002	-0.016	0.032
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.262	-0.269	-0.029	0.009	0.015	83.225%	0.182	0.021	0.000
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.042	0.002	-0.016	86.827%	0.092	0.040	0.019	0.080	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.851%	0.246	0.244	0.012	96.349%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.037%	3.578	T 14200.000	97.300	97.490	TM 37240.000	T 17740.000	2603.000	98.098%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2797.000	57.290	85.520	-41240.000	T 398.600	TM 25170.000	6.136	18.230	16.580
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.340	11.220	-0.218	0.675	73.870	84.090%	68.710	1.474	0.383
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.755	0.416	0.913	87.889%	10.670	0.370	0.352	164.600	0.429
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.800%	0.820	0.851	49.110	99.786%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.504%	3.257	T 14880.000	124.700	128.000	TM 25380.000	T 16430.000	3676.000	100.955%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2796.000	50.260	69.300	-50670.000	T 407.300	TM 22830.000	5.348	15.690	12.450
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.210	9.213	-0.218	0.935	103.100	85.654%	76.540	0.860	0.324
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.834	0.341	0.862	89.214%	8.888	0.284	0.303	160.400	0.826
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.452%	0.714	0.739	42.150	98.682%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.288%	3.959	T 17160.000	105.000	105.000	TM 42590.000	T 19810.000	2589.000	100.577%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2912.000	67.560	100.100	-55900.000	T 487.000	TM 32200.000	8.468	23.240	24.450
Run	Time	66Zn75	As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		129.500	14.560	-0.261	0.757	70.510	85.495%	63.200	1.908	0.524
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.668	0.541	0.935	89.152%	15.990	0.415	0.361	169.300	0.448
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.136%	0.863	0.917	71.020	98.799%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.395%	3.475	T 14500.000	107.000	108.800	TM 38710.000	T 18870.000	2290.000	T 101.222%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2736.000	64.390	95.330	-57170.000	T 390.900	TM 29190.000	7.352	20.760	19.830
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.400	12.990	-0.207	0.623	62.270	86.310%	61.920	1.447	0.471
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.440	0.456	0.786	90.133%	11.800	0.348	0.350	177.900	0.406
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.198%	0.826	0.793	56.470	101.006%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.940%	3.317	T 15780.000	58.220	58.810	TM 29720.000	T 16160.000	2910.000	T 101.835%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2667.000	44.620	58.820	-65730.000	T 386.300	TM 18980.000	4.505	13.360	10.130
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		69.080	7.824	-0.304	0.895	89.220	84.961%	81.680	0.944	0.297
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.694	0.277	0.850	89.316%	7.982	0.274	0.256	166.400	0.634
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		100.044%	0.632	0.668	38.890	99.346%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.672%	3.559	T 15070.000	126.400	127.600	TM 37760.000	T 18630.000	2494.000	98.422%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2817.000	57.240	84.170	-65560.000	T 407.200	TM 24530.000	6.223	17.920	16.230
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.680	9.583	-0.248	0.509	75.720	86.571%	70.480	1.860	0.391
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.510	0.396	0.763	91.057%	10.580	0.353	0.336	191.000	0.518
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.366%	0.736	0.763	48.720	102.433%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.400%	2.708	T 12490.000	74.740	75.150	TM 32110.000	T 15120.000	2111.000	95.742%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2043.000	37.370	98.670	-70190.000	T 325.000	TM 17130.000	4.682	12.770	16.240
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		77.730	9.378	-0.341	0.725	86.580	85.383%	47.560	1.579	0.376
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.436	0.346	0.874	89.658%	11.980	0.571	0.506	185.900	0.407
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.723%	0.599	0.591	43.550	99.235%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.883%	3.691	T 12820.000	98.480	98.280	TM 41700.000	TM 20220.000	2473.000	98.129%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 3199.000	71.030	101.700	-68620.000	T 411.500	TM 29510.000	7.326	20.890	19.630
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.300	11.300	-0.246	0.676	70.310	85.806%	70.590	1.033	0.478
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.564	0.485	0.589	90.194%	11.850	0.392	0.380	195.100	0.482
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.373%	0.819	0.842	58.150	102.656%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.074%	2.951	T 16910.000	68.480	69.760	TM 32310.000	T 16750.000	2402.000	T 100.472%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1828.000	39.170	54.390	-75040.000	247.100	TM 15580.000	4.323	13.730	11.490
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		68.410	6.860	-0.322	0.594	98.090	85.656%	46.100	0.964	0.416
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.383	0.418	0.641	90.327%	7.612	0.310	0.272	173.400	0.378
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.610%	0.804	0.771	39.230	99.514%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.509%	0.532	T 4417.000	T 1161.000	1149.000	TM 12500.000	T 3837.000	6267.000	94.958%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1326.000	24.590	13.330	-80300.000	169.600	TM 12610.000	2.281	4.111	2.343
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.790	6.428	-0.343	0.256	49.810	90.289%	12.520	0.782	0.032
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.007	0.047	0.077	91.081%	3.354	0.148	0.147	100.500	2.278
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		103.117%	0.119	0.134	8.145	104.512%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.342%	5.069	T9969.000	T10030.000	T9965.000	T5123.000	T9844.000	9923.000	82.607%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.540	50.610	51.010	4809.000	50.800	T5106.000	49.630	49.700	49.200
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.630	49.930	-0.001	50.400	51.060	86.104%	50.970	51.680	49.910
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.286	49.880	50.780	90.761%	53.090	52.290	49.570	51.830	0.091
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.953%	50.830	51.540	51.390	102.002%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.721%	-0.008	0.464	0.069	0.045	2.932	-3.047	42.240	87.942%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.731	0.147	0.129	-44300.000	0.028	-6.422	0.000	-0.020	0.038
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.289	-0.015	-0.231	-0.197	0.002	92.228%	0.171	0.035	0.002
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.112	0.003	-0.030	96.988%	0.091	0.038	0.009	0.028	-0.002
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.918%	0.204	0.219	0.007	110.431%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.063%	0.743	T 7232.000	430.700	438.400	T 8872.000	T 4513.000	4702.000	95.116%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1541.000	37.330	25.090	-79140.000	225.300	TM 12790.000	3.272	7.255	4.644
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		30.050	5.712	-0.340	0.548	95.230	87.235%	18.150	1.102	0.044
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.073	0.036	0.179	92.188%	3.560	0.150	0.160	83.590	0.412
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.607%	0.269	0.278	10.390	102.453%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.086%	0.742	T 6656.000	435.500	446.600	TM 14030.000	T 4878.000	3914.000	92.480%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2201.000	35.020	23.230	-78100.000	208.700	TM 14790.000	3.701	6.660	4.563
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.050	5.526	-0.286	0.427	73.210	85.830%	27.310	0.821	0.056
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.128	0.054	0.220	90.859%	3.652	0.171	0.149	111.200	0.569
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.581%	0.244	0.242	10.640	103.688%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.430%	0.408	T 3871.000	T 770.900	769.800	TM 11280.000	T 2964.000	1773.000	94.289%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		569.600	18.040	10.220	-83050.000	49.460	T 8105.000	1.628	3.326	2.019
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		14.880	3.308	-0.390	0.489	26.630	89.104%	9.950	0.449	0.018
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.067	0.020	0.032	92.579%	3.235	0.125	0.087	83.870	1.582
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.822%	0.109	0.135	5.312	102.885%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.369%	1.695	T 16420.000	98.530	99.560	TM 24770.000	T 8799.000	3160.000	95.540%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3801.000	82.920	57.290	-70690.000	T 451.300	TM 29820.000	7.314	16.240	9.230
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		62.660	12.320	-0.262	0.944	74.030	86.468%	51.750	1.517	0.091
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.466	0.087	0.412	91.230%	4.707	0.292	0.276	106.500	0.730
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.100%	0.407	0.407	22.460	100.704%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.972%	0.152	T 3552.000	T 555.900	561.500	T 5889.000	T 3473.000	6377.000	95.148%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		647.900	4.503	3.748	-85190.000	57.950	T 1561.000	0.425	0.569	0.874
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.930	1.047	-0.374	0.098	48.800	90.355%	5.175	0.231	0.019
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.087	0.019	-0.001	92.809%	2.863	0.051	0.035	125.000	1.565
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		103.349%	0.083	0.098	4.514	103.981%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.988%	0.349	T 6055.000	T 1086.000	1088.000	TM 11190.000	T 4306.000	5777.000	95.630%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1753.000	14.870	10.130	-85840.000	129.300	T 5453.000	1.273	2.081	1.225
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		12.780	2.095	-0.394	0.518	67.850	89.737%	12.480	0.305	0.027
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.046	0.035	0.080	91.696%	3.252	0.100	0.083	153.500	2.004
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.246%	0.110	0.124	6.776	101.700%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.529%	1.646	T 8517.000	130.100	131.200	TM 43200.000	T 7666.000	2372.000	95.436%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3310.000	79.910	47.610	-75480.000	T 538.800	TM 40340.000	13.570	21.800	25.790
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		163.200	9.670	-0.294	2.251	54.380	87.761%	64.650	3.754	0.495
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.460	0.485	1.054	91.796%	6.331	0.903	0.788	146.800	0.865
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.690%	0.591	0.558	45.850	102.149%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.360%	0.367	T 6663.000	T 1085.000	1078.000	TM 11060.000	T 5582.000	7823.000	96.268%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2468.000	12.640	9.041	-85970.000	104.700	T 4287.000	0.890	1.470	0.782
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.660	2.439	-0.377	0.698	105.300	85.803%	20.210	0.385	0.033
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.060	0.031	0.144	90.780%	3.110	0.125	0.086	227.600	1.438
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.837%	0.148	0.159	6.672	99.272%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.016%	5.323	T 7560.000	T 921.100	907.800	TM 14900.000	T 6027.000	6317.000	94.151%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2570.000	57.940	53.230	-85200.000	190.200	TM 13310.000	45.170	46.140	45.610
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.800	11.230	-0.353	9.731	192.000	86.657%	59.830	50.710	9.865
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.644	9.842	10.250	92.404%	56.790	10.720	10.190	282.800	0.737
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.217%	10.170	10.430	108.700	103.998%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.940%	5.488	T 8017.000	T 947.300	939.100	TM 16010.000	T 6429.000	6511.000	94.966%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2936.000	61.110	56.580	-84550.000	215.700	TM 14310.000	47.880	48.460	48.500
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.100	11.920	-0.320	9.747	M 202.600	86.317%	64.390	53.320	10.350
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.613	10.360	10.490	92.167%	59.770	11.060	10.610	301.200	0.829
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		103.050%	10.990	11.080	116.200	101.685%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.428%	5.296	T10250.000	T10210.000	T10100.000	T5151.000	T9902.000	9828.000	80.953%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.020	51.300	50.410	-3299.000	50.550	T5108.000	49.300	49.020	48.660
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.030	49.640	-0.020	50.930	50.880	85.792%	50.830	49.900	49.300
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.522	49.430	50.530	91.295%	53.440	52.130	49.850	51.700	0.059
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		101.672%	51.040	51.790	51.330	101.634%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.907%	-0.009	0.539	0.125	0.053	4.305	-3.985	43.800	86.977%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.691	0.620	0.098	-52090.000	0.030	-6.539	0.001	-0.029	0.045
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.115	-0.363	-0.218	-0.231	0.000	91.674%	0.247	0.026	0.004
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.140	0.003	-0.041	97.524%	0.092	0.043	0.031	0.122	-0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		106.460%	0.222	0.221	0.010	108.077%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.998%	10.650	T 11530.000	T 5817.000	T 5648.000	TM 11740.000	T 9798.000	11780.000	T 97.643%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2405.000	30.910	26.610	-84480.000	172.500	T 6008.000	27.490	37.350	27.500
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.570	76.360	-0.415	64.510	123.400	87.041%	M 564.100	31.400	40.400
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-5.031	40.240	22.770	92.400%	112.000	79.520	77.880	242.600	1.391
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		103.279%	108.900	109.000	90.920	100.865%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.647%	0.070	T 1365.000	221.100	225.700	T 2283.000	T 1201.000	1795.000	87.078%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		555.900	3.063	1.565	-82430.000	23.050	T 920.000	0.190	0.308	0.288
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.890	0.593	-0.387	0.003	21.390	89.270%	4.074	0.138	0.010
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.165	0.007	-0.019	96.364%	0.684	0.187	0.181	45.700	0.272
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		107.271%	0.092	0.097	1.285	110.391%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.431%	2.210	T 5813.000	279.500	283.800	TM 70010.000	T 9573.000	2079.000	96.775%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 4106.000	101.200	60.790	-78980.000	238.800	TM 42170.000	10.570	21.760	21.510
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.300	8.742	-0.265	1.128	31.370	89.306%	72.150	1.849	0.260
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.549	0.238	1.178	92.120%	6.153	0.752	0.729	137.500	1.378
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.294%	0.752	0.739	44.450	99.377%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.874%	0.614	T 7160.000	269.200	270.900	TM 25210.000	T 9458.000	3771.000	T 97.868%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 2837.000	27.790	18.190	-86740.000	195.000	TM 9994.000	3.047	5.494	3.480
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		36.840	3.048	-0.381	0.454	89.790	88.991%	69.200	0.657	0.088
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.431	0.058	0.495	93.876%	3.641	0.239	0.230	316.400	1.777
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		105.391%	0.268	0.296	14.030	104.288%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.276%	M 83.950	T 13000.000	306.000	310.100	TM 18620.000	T 16410.000	4795.000	94.861%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1780.000	98.100	149.900	-77860.000	T 756.800	TM 19800.000	129.400	89.060	92.030
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		297.200	M 417.700	-0.346	121.400	157.100	86.831%	70.680	274.900	89.370
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.328	89.260	133.200	92.629%	221.800	196.300	184.200	564.800	0.882
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.131%	143.600	144.700	90.590	102.542%				

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User Pre-dilution: 1.000

RunTime	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	65.038%	-0.000	TM 270100.000	TM 106400.000	TM 106700.000	TM 109300.000	TM 104400.000	TM 309200.000	73.602%
RunTime	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	M 2161.000	-0.191	1.775	-54240.000	0.149	TM 248900.000	0.173	0.781	1.061
RunTime	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.235	-0.213	0.729	-0.141	4.347	77.559%	-2.139	M 2026.000	0.103
RunTime	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.329	0.104	0.036	82.057%	0.268	0.286	0.271	0.565	0.036
RunTime	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
	ppb	ppb	ppb	ppb	ppb				
x	88.467%	0.550	0.543	0.146	78.808%				

ICSAB 09/13/2006 02:01:55 AM

User Pre-dilution: 1.000

RunTime	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	69.263%	18.540	T 258400.000	T 102600.000	T 103000.000	T 106500.000	T 102600.000	T 308800.000	71.179%
RunTime	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	M 2183.000	20.450	21.700	-56250.000	20.240	T 250300.000	19.330	19.370	18.330
RunTime	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	18.140	18.980	0.479	17.480	25.580	75.177%	8.699	M 2044.000	17.380
RunTime	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	1.937	17.490	16.710	79.207%	21.060	19.610	18.850	21.390	0.058
RunTime	159Tb	203Tl	205Tl	208Pb	209Bi				
	ppb	ppb	ppb	ppb	ppb				
x	86.431%	21.640	22.130	22.020	78.032%				

ICSAB(ZR) 09/13/2006 02:08:02 AM

User Pre-dilution: 1.000

RunTime	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	72.113%	0.013	T 253200.000	T 100700.000	T 100900.000	T 104300.000	T 102000.000	T 304000.000	70.031%
RunTime	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	M 2161.000	0.137	1.830	-52350.000	0.204	T 247900.000	0.188	1.101	0.931
RunTime	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.167	0.178	0.595	1.284	4.345	71.485%	20.800	M 2027.000	0.141
RunTime	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.135	0.110	0.083	75.434%	0.223	0.260	0.262	0.677	0.058
RunTime	159Tb	203Tl	205Tl	208Pb	209Bi				
	ppb	ppb	ppb	ppb	ppb				
x	82.689%	0.311	0.315	0.141	73.565%				

CCV 09/13/2006 02:14:10 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.655%	4.896	τ9435.000	τ9680.000	τ9655.000	τ4994.000	τ9649.000	9753.000	78.203%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.020	51.580	51.080	-17960.000	50.950	τ5044.000	50.280	50.980	50.930
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.650	50.220	-0.137	49.860	50.510	81.070%	51.730	51.440	49.780
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.905	50.010	49.960	84.262%	52.770	51.770	48.650	51.330	0.068
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.267%	50.780	51.440	51.250	94.976%				

CCB 09/13/2006 02:20:17 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.644%	-0.011	10.810	1.162	1.020	5.437	2.429	13.690	75.954%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.377	-0.677	0.524	5910.000	0.070	-1.821	0.002	-0.019	0.037
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.361	-0.249	-0.100	-0.233	0.000	77.865%	0.322	0.275	0.004
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.026	0.002	-0.008	81.846%	0.025	0.043	0.029	0.008	-0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.276%	0.277	0.284	0.006	93.886%				

ICPMS ANALYSIS LOG

Instrument ID: ICPMS (X0206)	Inst. Method: 6020A	Nebulizer:

Analytical Batch No: 060911MS

Workorder	Project/SDG #	Prep. Seq.	Batch #	Matrix s/w/e	Prep. Date	Method	Comments / Dilution
608038	ALION	83432	070	S	8.29.06	6020A	10x ON ALL BLK 83432: Zr FAILED
608163	SHAW	93679	111	↓	9.11.06	↓	10x ON ALL
		9.12.06					

Source Solution Numbers				Post Digestion Spikes
Stds.	Number	Stds.	Number	Spike 2.9 mls of sample with 0.1 mls of 35664
S0	129-102-04	ICV	37877	Samples:
S1	37871	CCV	38152	608038-001-01B-2/3
S2	37872	ICSA	37924	608163-001-001-1/1
S3	37873	ICSAB	37925	
S4	37874	CRK mix	37876	
S5	37875	Low Ck	38153	
Ints	38154	LR	37926	

Analyst: Date: 9.12.06 Reviewed: RA Date: 9-12-06

ICP ANALYSIS LOG

GPL - Maryland Laboratory **ICPMS Analysis Log** **Data File: 060911MS.csv**

Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time
1	BLANK		10/11/2006	17:22	31	S 608038-004-003-1/1		10/11/2006	20:20	61	S 608163-005-009-1/2		10/11/2006	23:32										
2	STD1		10/11/2006	17:27	32	CCV		10/11/2006	20:26	62	S 608163-006-011-1/2		10/11/2006	23:38										
3	STD2		10/11/2006	17:32	33	CCB		10/11/2006	20:32	63	S 608163-007-013-1/2		10/11/2006	23:44										
4	STD7		10/11/2006	17:37	34	S 608038-005-004-1/1		10/11/2006	20:39	64	S 608163-008-015-1/2		10/11/2006	23:51										
5	STD3		10/11/2006	17:42	35	S 608038-006-005-1/1		10/11/2006	20:45	65	S 608163-009-019-1/1		10/11/2006	23:57										
6	STD4		10/11/2006	17:47	36	S 608038-007-006-1/1		10/11/2006	20:51	66	S 608163-010-020-1/1		10/12/2006	0:04										
7	STD5		10/11/2006	17:53	37	S 608038-008-007-1/1		10/11/2006	20:57	67	S 608163-011-021-1/1		10/12/2006	0:10										
8	STD8		10/11/2006	17:58	38	S 608038-009-008-1/1		10/11/2006	21:03	68	CCV		10/12/2006	0:16										
9	ICV		10/11/2006	18:03	39	S 608038-010-009-1/1		10/11/2006	21:10	69	CCB		10/12/2006	0:23										
10	ICV(Cd)		10/11/2006	18:08	40	S 608038-011-010-1/1		10/11/2006	21:16	70	S 608163-012-017-1/2		10/12/2006	0:29										
11	ICB		10/11/2006	18:13	41	S 608038-012-011-1/1		10/11/2006	21:22	71	S 608163-013-024-1/1		10/12/2006	0:35										
12	CCV		10/11/2006	18:18	42	S 608038-013-012-1/1		10/11/2006	21:28	72	S 608163-014-025-1/1		10/12/2006	0:41										
13	CCB		10/11/2006	18:24	43	S 608038-014-013-1/1		10/11/2006	21:34	73	S 608163-015-022-1/1		10/12/2006	0:47										
14	PQL		10/11/2006	18:29	44	CCV		10/11/2006	21:41	74	S 608163-016-023-1/1		10/12/2006	0:54										
15	PQL(CoZr)		10/11/2006	18:35	45	CCB		10/11/2006	21:47	75	ICSA		10/12/2006	1:00										
16	ICSA		10/11/2006	18:41	46	S 608038-015-014-1/1		10/11/2006	21:53	76	ICSAB Zr		10/12/2006	1:12										
17	ICSAB Zr		10/11/2006	18:47	47	S 608038-016-015-1/1		10/11/2006	21:59	77	CCV -K		10/12/2006	1:18										
18	LR		10/11/2006	18:53	48	S 608038-018-016-1/1		10/11/2006	22:05	78	CCB		10/12/2006	1:24										
19	LR(Zr)		10/11/2006	19:00	49	BLK(111)		10/11/2006	22:18															
20	CCV Zr		10/11/2006	19:12	50	BKS(111)		10/11/2006	22:24															
21	CCB		10/11/2006	19:18	51	S 608163-001-001-1/1		10/11/2006	22:30															
22	BLK(070)		10/11/2006	19:24	52	SP608163-001-001-1/		10/11/2006	22:36															
23	BKS(070)		10/11/2006	19:31	53	SD608163-001-001-1/		10/11/2006	22:42															
24	S 608038-001-018-2/3		10/11/2006	19:37	54	PS608163-001-001-1/		10/11/2006	22:49															
25	SP608038-001-018-2/		10/11/2006	19:43	55	SE608163-001-001-1/		10/11/2006	22:55															
26	SD608038-001-018-2/		10/11/2006	19:49	56	CCV		10/11/2006	23:01															
27	PS608038-001-018-2/		10/11/2006	19:55	57	CCB		10/11/2006	23:07															
28	SE608038-001-018-2/		10/11/2006	20:01	58	S 608163-002-003-1/2		10/11/2006	23:13															
29	S 608038-002-001-1/1		10/11/2006	20:08	59	S 608163-003-005-1/2		10/11/2006	23:20															
30	S 608038-003-002-1/1		10/11/2006	20:14	60	S 608163-004-007-1/1		10/11/2006	23:26															

Analyst Signature: Date: 9.12.06 Analyst Signature: Date:

Sample Dilutions:

608163-007-013-1/2: 2x For Y (I.S.↑) — I.S okay

608163-011-021-1/1: 2x, 5x For Sc, Y (I.S.↑), Ti (Co) — LR okay

608163-009-019-1/1: 2x For Ti (Co)

608163-010-020-1/1: 2x For Ti (Co)

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
BLANK	17:22	100		100		100		100		100	
STD1	17:27	105		103		110		105		104	
STD2	17:32	100		100		108		105		101	
STD7	17:37	104		101		110		103		102	
STD3	17:42	99		95		103		97		97	
STD4	17:47	98		93		101		94		96	
STD5	17:53	99		95		103		96		99	
STD6	17:58	97		96		105		99		100	
ICV	18:03	103		97		105		96		101	
ICV(Cd)	18:08	96		92		102		93		95	
ICB	18:13	101		95		105		95		99	
CCV	18:18	92		88		95		89		93	
CCB	18:24	101		95		104		94		98	
PQL	18:29	97		92		100		91		95	
PQL(CoZr)	18:35	101		96		105		96		99	
ICSA	18:41	77		76		76		74		83	
ICSAB	18:47	83		78		79		74		87	
LR	18:53	98		88		92		84		96	
LR(Zr)	19:00	107		98		109		96		103	
CCV	19:12	99		89		103		86		96	
CCB	19:18	101		96		110		96		99	
BLK(070)	19:24	106		96		113		95		101	
BKS(070)	19:31	103		96		107		96		100	
S 608038-001-018-2/3	19:37	109		97		108		104		105	
SP608038-001-018-2/3	19:43	104		93		103		102		102	
SD608038-001-018-2/3	19:49	107		94		102		100		103	
PS608038-001-018-2/3	19:55	105		93		102		101		102	
SE608038-001-018-2/3	20:01	109		96		107		94		103	
S 608038-002-001-1/1	20:08	108		96		109		103		105	
S 608038-003-002-1/1	20:14	111		99		110		105		107	
S 608038-004-003-1/1	20:20	109		99		110		107		107	
CCV	20:26	103		93		105		91		100	
CCB	20:32	110		101		114		99		105	
S 608038-005-004-1/1	20:39	108		98		109		105		106	
S 608038-006-005-1/1	20:45	107		97		109		105		106	
S 608038-007-006-1/1	20:51	108		97		110		103		106	
S 608038-008-007-1/1	20:57	109		97		110		103		107	
S 608038-009-008-1/1	21:03	106		96		108		104		105	

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
S 608038-010-009-1/1	21:10	107		96		107		103		105	
S 608038-011-010-1/1	21:16	105		96		108		103		104	
S 608038-012-011-1/1	21:22	110		97		109		101		107	
S 608038-013-012-1/1	21:28	102		95		104		104		103	
S 608038-014-013-1/1	21:34	108		96		108		102		106	
CCV	21:41	99		91		99		88		98	
CCB	21:47	111		99		110		95		105	
S 608038-015-014-1/1	21:53	104		95		107		97		102	
S 608038-016-015-1/1	21:59	110		96		108		95		105	
S 608038-018-016-1/1	22:05	107		97		108		97		105	
BLK(111)	22:18	104		94		107		92		100	
BKS(111)	22:24	107		95		108		91		102	
S 608163-001-001-1/1	22:30	106		100		115		104		106	
SP608163-001-001-1/1	22:36	105		99		113		102		105	
SD608163-001-001-1/1	22:42	101		98		109		102		102	
PS608163-001-001-1/1	22:49	100		94		106		98		100	
SE608163-001-001-1/1	22:55	108		102		116		103		105	
CCV	23:01	96		88		99		86		94	
CCB	23:07	106		100		115		100		103	
S 608163-002-003-1/2	23:13	102		97		111		101		101	
S 608163-003-005-1/2	23:20	103		97		112		101		102	
S 608163-004-007-1/1	23:26	101		97		115		103		100	
S 608163-005-009-1/2	23:32	102		98		114		103		102	
S 608163-006-011-1/2	23:38	99		96		110		103		99	
S 608163-007-013-1/2	23:44	99		94		108		99		99	
S 608163-008-015-1/2	23:51	100		97		112		103		100	
S 608163-009-019-1/1	23:57	96		94		108		108		98	
S 608163-010-020-1/1	0:04	92		91		104		111		95	
S 608163-011-021-1/1	0:10	96		94		106		123		99	
CCV	0:16	89		85		97		86		89	
CCB	0:23	101		97		112		98		98	
S 608163-012-017-1/2	0:29	95		94		106		103		97	
S 608163-013-024-1/1	0:35	99		95		109		100		98	
S 608163-014-025-1/1	0:41	96		93		108		101		96	
S 608163-015-022-1/1	0:47	99		95		109		101		99	
S 608163-016-023-1/1	0:54	97		94		106		101		97	
ICSA	1:06	75		75		78		73		82	
ICSAB	1:12	78		76		79		73		83	

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
CCV	1:18	101		88		103		85		97	
CCB	1:24	100		92		109		92		96	

USEPA - CLP

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
BLANK	17:22	100									
STD1	17:27	103									
STD2	17:32	101									
STD7	17:37	101									
STD3	17:42	95									
STD4	17:47	93									
STD5	17:53	95									
STD6	17:58	96									
ICV	18:03	96									
ICV(Cd)	18:08	92									
ICB	18:13	95									
CCV	18:18	88									
CCB	18:24	95									
PQL	18:29	91									
PQL(CoZr)	18:35	96									
ICSA	18:41	74									
ICSAB	18:47	75									
LR	18:53	86									
LR(Zr)	19:00	96									
CCV	19:12	88									
CCB	19:18	95									
BLK(070)	19:24	95									
BKS(070)	19:31	95									
S 608038-001-018-2/3	19:37	112									
SP608038-001-018-2/3	19:43	109									
SD608038-001-018-2/3	19:49	110									
PS608038-001-018-2/3	19:55	108									
SE608038-001-018-2/3	20:01	98									
S 608038-002-001-1/1	20:08	105									
S 608038-003-002-1/1	20:14	109									
S 608038-004-003-1/1	20:20	116									
CCV	20:26	92									
CCB	20:32	100									
S 608038-005-004-1/1	20:39	109									
S 608038-006-005-1/1	20:45	114									
S 608038-007-006-1/1	20:51	104									
S 608038-008-007-1/1	20:57	108									
S 608038-009-008-1/1	21:03	109									

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ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
S 608038-010-009-1/1	21:10	110									
S 608038-011-010-1/1	21:16	107									
S 608038-012-011-1/1	21:22	104									
S 608038-013-012-1/1	21:28	111									
S 608038-014-013-1/1	21:34	108									
CCV	21:41	90									
CCB	21:47	98									
S 608038-015-014-1/1	21:53	97									
S 608038-016-015-1/1	21:59	97									
S 608038-018-016-1/1	22:05	99									
BLK(111)	22:18	93									
BKS(111)	22:24	93									
S 608163-001-001-1/1	22:30	116									
SP608163-001-001-1/1	22:36	114									
SD608163-001-001-1/1	22:42	114									
PS608163-001-001-1/1	22:49	109									
SE608163-001-001-1/1	22:55	105									
CCV	23:01	88									
CCB	23:07	99									
S 608163-002-003-1/2	23:13	116									
S 608163-003-005-1/2	23:20	114									
S 608163-004-007-1/1	23:26	111									
S 608163-005-009-1/2	23:32	109									
S 608163-006-011-1/2	23:38	109									
S 608163-007-013-1/2	23:44	124									
S 608163-008-015-1/2	23:51	106									
S 608163-009-019-1/1	23:57	115									
S 608163-010-020-1/1	0:04	120									
S 608163-011-021-1/1	0:10	143									
CCV	0:16	85									
CCB	0:23	96									
S 608163-012-017-1/2	0:29	111									
S 608163-013-024-1/1	0:35	102									
S 608163-014-025-1/1	0:41	104									
S 608163-015-022-1/1	0:47	107									
S 608163-016-023-1/1	0:54	107									
ICSA	1:06	73									
ICSAB	1:12	73									

FORM XV - IN CLP_ILM05.3

USEPA - CLP

15 - IN

ICP-MS Internal Standards Relative Intensity Summary

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: DHJK

ICP-MS Instrument ID: SEDI Start Date: 09/11/2006 End Date: 09/12/2006

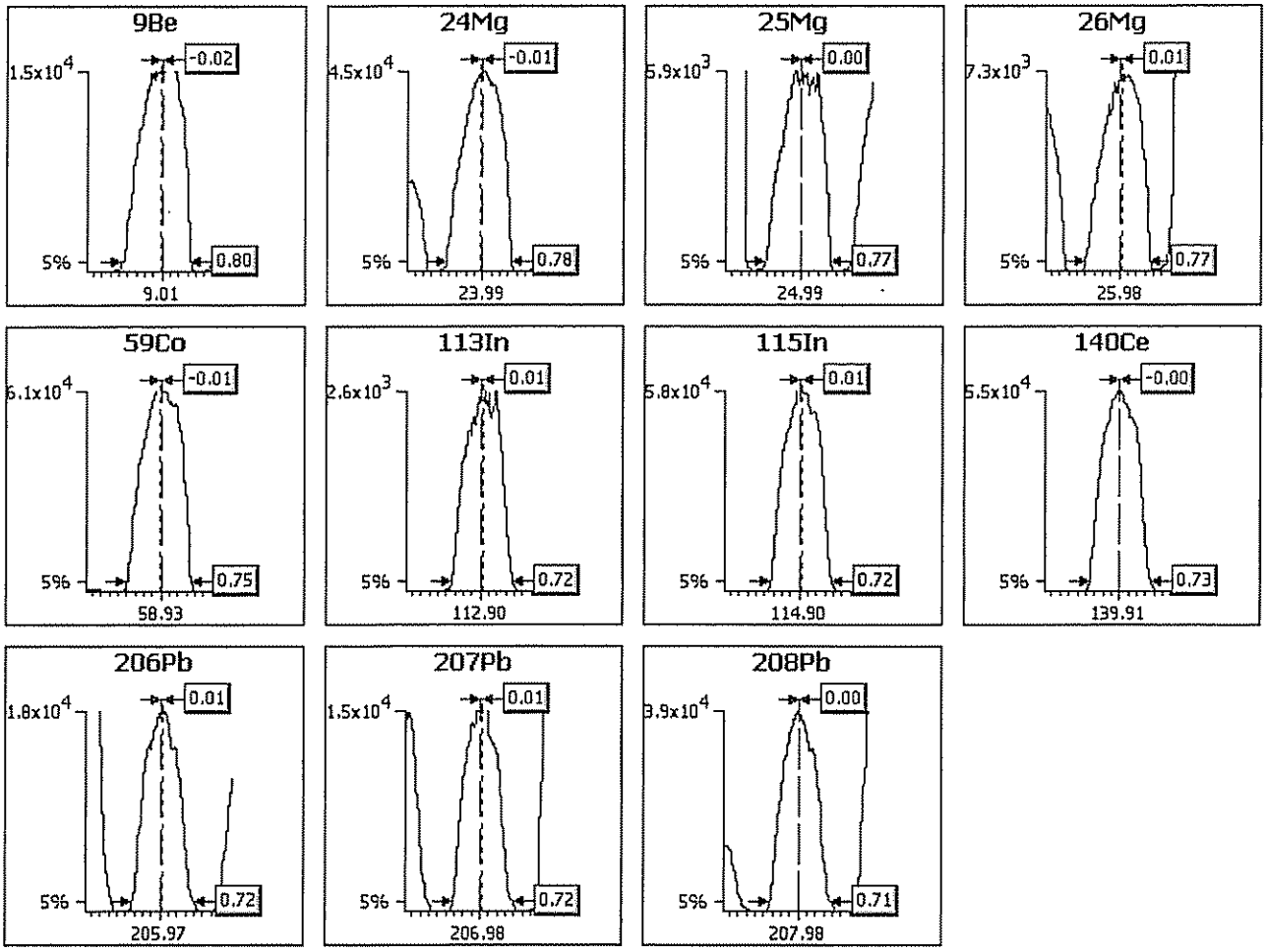
EPA Sample No.	Time	Internal Standards %RI For:									
		Y (89)	Q								
CCV	1:18	86									
CCB	1:24	91									

Performance Report

Sample details
Acquired at : 09/11/2006 02:38:19 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Mass Calibration verification

Acquisition parameters
Sweeps : 25
Dwell : 2.0 mSecs
Point spacing : 0.01 amu
Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error

9Be	0.90	0.45	0.10	0.80	-0.02
24Mg	0.90	0.45	0.10	0.78	-0.01
25Mg	0.90	0.45	0.10	0.77	0.00
26Mg	0.90	0.45	0.10	0.77	0.01
59Co	0.90	0.45	0.10	0.75	-0.01
113In	0.90	0.45	0.10	0.72	0.01
115In	0.90	0.45	0.10	0.72	0.01
140Ce	0.90	0.45	0.10	0.73	-0.00
206Pb	0.90	0.45	0.10	0.72	0.01
207Pb	0.90	0.45	0.10	0.72	0.01
208Pb	0.90	0.45	0.10	0.71	0.00

Sample details
Acquired at : 09/11/2006 02:38:19 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Tune conditions

Major	
Extraction	-145
Lens 1	2.0
Focus	27.1
D1	-41.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.93
Sampling Depth	130

Minor	
Lens 2	-49.4
Lens 3	-134.1
Forward power	1451
Horizontal	105
Vertical	400
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	122
High resolution	125
Analogue Detector	2167
PC Detector	3471

Add. Gases

Sensitivity and stability results

Acquisition parameters

Sweeps : 180

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	113In	115In	140Ce
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Limits	%RSD	-	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
	Countrate	-	>4000	>5000	>1000	>1000	>10000	>1000	>50000	>50000
1	02:39:48 PM	0.222	13448.682	42074.405	6070.184	6820.233	64774.861	2748.927	62082.599	61230.407
2	02:41:00 PM	0.056	13357.003	42007.710	6060.184	6931.907	63994.359	2786.705	61814.099	61009.160
3	02:42:10 PM	0.167	13165.867	42216.687	5945.732	7007.468	63464.577	2741.704	61855.236	60862.404
4	02:43:21 PM	0.278	13180.313	42305.058	6086.852	6890.793	63544.072	2773.372	63061.544	61704.031
5	02:44:32 PM	0.333	13113.082	41898.776	5995.180	6899.127	63431.778	2829.484	62325.527	61114.225
x		0.211	13252.989	42100.527	6031.626	6909.905	63841.929	2776.039	62227.801	61184.045
σ		0.11	142.79	162.27	59.28	68.05	568.54	34.97	508.85	320.72
%RSD		50.619	1.077	0.385	0.983	0.985	0.891	1.260	0.818	0.524

Run	Time	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	2.0%	2.0%	2.0%	-
	Countrate	-	>10000	>10000	>25000	<2
1	02:39:48 PM	740.743	19976.440	16860.866	41068.431	0.000
2	02:41:00 PM	744.818	20196.484	17048.675	41054.537	0.056
3	02:42:10 PM	720.929	20009.780	17173.697	41890.439	0.111
4	02:43:21 PM	728.521	20323.176	17478.194	42265.597	0.167
5	02:44:32 PM	735.743	20238.159	17513.200	42431.778	0.056
x		734.151	20148.808	17214.926	41742.156	0.078
σ		9.57	149.75	279.72	651.59	0.06
%RSD		1.303	0.743	1.625	1.561	81.441

Ratio results

Run	Time	156Ce O/140Ce
	Ratio limits	<0.0200
1	02:39:48 PM	0.012

2	02:41:00 PM	0.012
3	02:42:10 PM	0.012
4	02:43:21 PM	0.012
5	02:44:32 PM	0.012
x		0.0120
σ		0.00
%RSD		1.4176

Result : The performance report passed.

Dilution Corrected Concentrations

BLANK 09/11/2006 05:22:05 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.000%	-0.000	-0.000	0.000	-0.000	0.000	0.000	0.000	100.000%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	0.000	0.000	-0.000	-0.000	100.000%	-0.000	0.000	-0.000
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.000	-0.000	100.000%	0.000	-0.000	0.000	-0.000	0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.000%	0.000	-0.000	-0.000	100.000%				

STD1 09/11/2006 05:27:13 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.368%	5.033	0.758	0.169	0.207	T 4903.000	0.978	30.620	104.826%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.500	52.020	50.240	-10820.000	49.190	T 4975.000	49.210	49.660	48.970
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.340	50.360	0.010	51.160	49.890	103.218%	48.910	49.860	49.940
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.784	49.890	48.290	102.827%	50.550	50.560	50.080	50.390	0.070
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		103.918%	48.780	49.230	49.070	105.385%				

STD2 09/11/2006 05:32:23 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.475%	10.270	0.188	-0.006	-0.034	TM 10050.000	1.016	66.200	104.766%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.040	100.700	99.960	-7666.000	98.140	TM 10010.000	98.830	99.650	100.100
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.370	99.100	0.150	99.020	99.730	101.005%	102.800	100.100	M 100.000
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.857	M 100.100	98.420	99.858%	101.900	100.300	M 99.960	100.700	0.159
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		100.601%	100.600	101.000	98.480	100.178%				

STD7 09/11/2006 05:37:36 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.247%	-0.001	-0.701	-0.079	0.005	0.398	-0.487	-2.497	102.972%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.085	0.717	1.334	1574.000	0.021	1.825	0.002	0.020	-0.003
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.516	0.337	0.059	0.105	-0.015	101.203%	M 249.100	0.060	0.320
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.246	0.058	2.243	101.304%	0.013	0.001	-0.005	-0.029	-0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.027%	0.232	0.246	0.005	103.638%				

STD3 09/11/2006 05:42:46 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.594%	M 49.940	4.209	0.549	0.510	4.556	2.384	145.300	97.489%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1000.000	TM 999.800	TM 1000.000	-16550.000	TM 1000.000	TM 50840.000	TM 1000.000	M 750.100	M 1000.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 500.300	M 200.400	0.081	M 200.200	M 200.200	95.321%	M 546.500	M 1000.000	M 101.800
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-10.900	M 101.400	M 201.200	95.293%	M 999.800	M 499.900	M 496.900	M 999.900	1.638
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.122%	M 200.000	M 199.700	TM 2000.000	98.766%				

STD4 09/11/2006 05:47:56 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.922%	0.001	T 999.200	T 1003.000	1034.000	1.473	T 1012.000	1028.000	94.149%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	1.583	1.338	-7001.000	0.094	0.281	0.049	0.245	0.317
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.684	0.328	-0.041	-0.300	0.016	93.103%	0.116	0.311	0.009
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.140	0.009	0.058	93.361%	0.463	0.313	0.285	0.137	0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.617%	0.462	0.463	0.123	97.701%				

STD5 09/11/2006 05:53:09 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.005%	0.001	T 10040.000	T 10110.000	T 10180.000	0.399	T 10200.000	10070.000	96.103%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.007	0.700	1.023	-12030.000	0.257	0.800	0.023	0.164	0.081
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.202	0.314	0.038	-0.059	0.110	95.371%	0.041	0.092	0.008
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.162	0.010	0.054	95.119%	0.208	0.058	0.036	0.108	0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.817%	0.148	0.146	0.156	98.535%				

STD6 09/11/2006 05:58:21 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.647%	0.001	TM 19980.000	TM 19940.000	TM 19910.000	0.597	TM 19900.000	TM 19960.000	98.504%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.086	1.491	1.056	-11780.000	0.493	0.791	0.025	0.266	0.114
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.394	0.001	0.126	-0.223	0.225	96.431%	0.035	0.032	0.008
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.164	0.009	0.049	95.551%	0.156	0.020	-0.006	0.154	-0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.923%	0.102	0.082	0.224	96.741%				

ICV 09/11/2006 06:03:32 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.384%	4.017	T4933.000	T4967.000	T4968.000	T482.000	T4972.000	5018.000	95.571%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.190	42.770	39.680	6317.000	41.300	T510.900	40.650	41.100	40.790
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.930	40.860	0.039	40.080	40.880	96.173%	40.380	40.730	40.540
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.722	40.560	4.392	96.563%	41.910	41.560	40.390	42.020	0.065
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		100.771%	41.130	41.710	41.070	102.721%				

ICV(Cd) 09/11/2006 06:08:39 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.744%	0.001	0.136	0.158	0.142	0.020	-0.576	-2.158	93.362%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.115	0.233	0.759	13310.000	0.036	-2.778	0.008	0.027	0.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.516	0.539	-0.048	-0.154	-0.007	91.803%	0.119	0.035	0.007
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.205	0.004	4.138	92.268%	0.071	-0.010	-0.023	0.060	-0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.991%	0.188	0.182	0.014	96.058%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.024%	-0.003	-1.273	-0.098	0.010	-0.433	-2.461	-6.727	94.799%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.037	0.488	0.522	8284.000	0.008	-3.539	0.004	-0.013	-0.022
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.016	-0.215	-0.000	0.007	-0.004	94.779%	0.044	0.008	0.003
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.120	0.001	0.037	95.181%	0.038	-0.001	-0.029	-0.030	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.621%	0.061	0.061	0.011	100.621%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.029%	5.011	↑9945.000	↑9974.000	↑9982.000	↑4899.000	↑9936.000	9801.000	88.659%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.100	52.070	49.880	-17260.000	49.550	↑4996.000	49.880	50.190	49.790
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.090	49.590	-0.033	50.360	50.080	88.013%	49.040	50.670	49.420
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.862	50.010	49.470	88.030%	50.420	48.620	46.720	49.670	0.076
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.819%	51.370	51.560	50.240	92.398%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.891%	-0.003	-0.789	0.119	0.199	-0.299	-1.003	-5.930	93.831%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.010	0.203	0.263	6846.000	0.002	-2.687	0.006	0.004	-0.008
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.161	0.368	-0.094	-0.106	-0.009	94.730%	0.363	0.030	0.004
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.075	0.003	0.026	95.077%	0.057	0.095	0.079	-0.072	0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.169%	0.084	0.080	0.010	100.683%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.823%	0.198	T966.600	95.260	102.900	95.240	T970.200	993.500	91.348%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.962	11.070	2.212	-8308.000	2.075	46.550	1.040	1.089	2.119
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.280	5.079	-0.120	4.719	1.994	90.877%	0.232	5.037	0.317
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.063	0.315	0.567	91.775%	5.109	1.129	1.195	5.224	0.007
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.831%	2.013	1.986	1.937	97.484%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.332%	-0.003	-0.599	-0.084	-0.132	0.793	-1.731	-4.395	95.996%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.038	-0.368	0.634	5164.000	0.003	-2.554	0.512	0.003	0.008
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.401	0.314	-0.066	0.025	-0.005	96.072%	9.133	0.020	0.013
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.274	0.004	0.145	95.675%	0.048	0.010	-0.029	0.008	-0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.584%	0.038	0.034	0.003	101.397%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		75.906%	0.002	TM 266200.000	TM 102600.000	TM 101200.000	TM 97760.000	TM 99780.000	TM 304600.000	74.152%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2120.000	0.176	0.194	-42030.000	0.278	TM 242300.000	0.356	1.740	1.247
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.639	0.403	0.527	0.557	4.258	73.901%	3.032	M 2019.000	0.098
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.149	0.106	-0.094	76.132%	0.152	0.204	0.238	0.523	0.043
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		83.336%	0.103	0.097	0.138	76.761%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.242%	17.540	TM 261400.000	TM 99550.000	TM 97880.000	TM 94540.000	TM 98040.000	TM 303900.000	73.903%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2090.000	20.330	18.880	-46210.000	19.630	TM 239100.000	18.760	19.020	18.010
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.400	18.280	0.394	17.590	24.740	75.248%	14.200	M 2007.000	17.400
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.853	17.530	17.340	77.901%	20.250	19.060	17.340	20.750	0.048
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		87.500%	21.020	21.420	21.340	82.754%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.318%	M 231.300	30.660	4.679	4.332	6.927	10.000	3550.000	84.375%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4819.000	TM 4906.000	TM 4966.000	T 62490.000	TM 4956.000	TM 248300.000	TM 4883.000	TM 3780.000	TM 5068.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2378.000	M 962.000	0.292	M 944.600	TM 6006.000	85.759%	M 548.300	TM 5296.000	M 491.300
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb12**	**3Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-24.350	M 495.000	M 957.900	87.753%	TM 4735.000	M 505.500	M 470.900	TM 4934.000	7.293
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.751%	TM 995.600	TM 984.500	TM 9787.000	98.366%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.844%	0.002	5.680	0.484	0.493	0.276	2.341	-2.846	95.961%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.809	1.139	1.009	-20470.000	0.125	1.502	0.054	0.042	0.077
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.711	0.367	-0.076	-0.338	0.057	96.167%	TM 945.300	0.955	1.209
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-12.140	0.136	8.399	98.234%	0.857	-0.012	-0.015	0.052	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.977%	0.881	0.862	0.157	106.955%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.029%	4.696	T 9608.000	T 9531.000	T 9495.000	T 4630.000	T 9518.000	9773.000	86.191%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.200	52.230	49.420	-22310.000	49.550	T 4889.000	49.780	49.520	49.510
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.070	50.390	-0.133	50.650	49.950	87.976%	55.360	50.730	49.260
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.848	49.430	49.720	89.251%	51.440	49.480	46.450	48.960	0.076
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.400%	50.370	50.690	49.890	98.847%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.423%	-0.004	3.040	1.370	1.543	0.143	0.688	-4.151	95.769%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.133	0.245	0.870	7448.000	0.034	0.516	0.013	0.039	0.016
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.065	0.274	-0.028	-0.228	-0.003	95.053%	0.418	0.118	0.004
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.160	0.004	0.048	95.690%	0.224	0.044	0.033	0.079	0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.114%	0.189	0.192	0.032	101.189%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.084%	-0.004	7.864	10.600	11.530	14.000	0.088	69.600	94.859%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.351	1.176	1.026	13580.000	0.076	1.361	0.016	0.191	0.038
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.797	0.313	-0.039	1.018	0.613	95.257%	32.970	0.243	0.040
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.466	0.010	0.281	95.951%	3.059	0.076	0.039	1.306	0.001
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.038%	0.093	0.095	0.040	106.195%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.532%	4.914	T 989.200	T 990.300	1040.000	T 966.100	T 956.000	1120.000	95.801%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		204.700	52.930	52.960	8227.000	102.400	T 1004.000	51.450	52.210	52.110
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.400	10.130	-0.018	10.070	103.100	95.311%	48.180	51.790	10.360
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.915	10.380	10.270	95.689%	55.110	10.150	10.220	103.900	0.161
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.943%	10.440	10.480	101.500	102.575%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.705%	1.469	T 8802.000	T 7025.000	T 6940.000	TM 48950.000	T 14030.000	6746.000	104.441%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		N 1779.000	72.710	62.360	-22270.000	T 573.500	TM 30050.000	10.380	23.130	24.270
Run	Time	66Zn	75 As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		122.800	12.790	-0.101	1.269	108.800	112.115%	47.740	0.822	0.243
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.969	0.224	0.851	97.092%	9.920	1.033	0.929	368.500	8.148
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		105.297%	0.518	0.528	74.080	109.347%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.489%	6.227	T 10210.000	T 8370.000	T 8320.000	TM 52910.000	T 15580.000	7656.000	102.342%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2018.000	118.800	110.800	-21550.000	T 690.700	TM 31610.000	55.030	68.040	68.030
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		214.400	21.640	-0.053	9.930	198.300	108.632%	85.990	46.040	9.671
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.427	9.724	10.360	93.402%	59.700	10.880	10.350	481.100	8.512
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		101.655%	10.660	10.620	186.500	103.779%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.391%	6.253	T 10810.000	T 8793.000	T 8689.000	TM 55450.000	T 16490.000	8066.000	99.733%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2153.000	125.500	116.400	-22510.000	T 755.700	TM 34350.000	56.540	70.390	70.570
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		222.800	22.610	-0.027	9.235	N 206.000	110.111%	90.730	47.160	10.040
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.673	9.979	10.920	93.848%	62.380	11.470	11.000	515.000	9.194
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		103.359%	10.810	10.990	188.300	107.438%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.796%	10.750	T 13680.000	T 11760.000	T 11650.000	TN 49500.000	T 18330.000	11170.000	101.241%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1769.000	88.940	79.770	-20440.000	T 636.500	TN 31380.000	37.170	58.340	49.700
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		187.500	79.560	0.034	57.690	125.500	108.088%	M 507.700	28.900	39.230
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.559	39.270	23.970	93.105%	117.100	80.350	78.430	385.700	8.144
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		101.832%	104.400	104.500	154.500	104.574%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.642%	0.303	T 1781.000	T 1439.000	1451.000	TN 10040.000	T 2926.000	1490.000	94.444%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		388.900	16.420	14.330	-11910.000	127.800	T 6580.000	2.342	5.481	5.685
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		31.380	2.676	-0.001	-0.262	24.920	97.822%	10.990	0.198	0.053
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.306	0.043	0.168	96.019%	2.120	0.321	0.304	74.810	1.696
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.684%	0.216	0.229	14.940	108.899%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.902%	0.843	T 9809.000	T 3430.000	T 3380.000	TM 32460.000	T 10320.000	6894.000	103.096%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1323.000	33.760	24.340	-20550.000	T 524.000	TM 14290.000	6.209	11.180	4.446
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		38.080	3.429	-0.005	0.584	128.500	105.458%	40.000	0.373	0.102
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.764	0.064	0.498	96.355%	3.694	0.277	0.215	314.000	5.535
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.966%	0.331	0.318	20.080	108.042%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.970%	1.013	T 7757.000	T 4748.000	T 4666.000	TM 35290.000	T 10640.000	6500.000	104.617%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1337.000	50.890	35.780	-24580.000	T 681.300	TM 18990.000	7.115	16.490	10.250
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		70.920	5.702	-0.018	0.530	107.900	109.142%	37.670	0.458	0.105
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.618	0.082	0.617	98.814%	4.537	0.575	0.521	302.000	5.913
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		107.293%	0.350	0.344	34.160	110.837%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.876%	1.660	T 7779.000	T 6803.000	T 6659.000	TM 51990.000	T 14620.000	7458.000	107.441%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		N 1651.000	88.680	63.750	-27410.000	T 773.800	TM 29800.000	12.640	27.820	22.210
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.800	9.710	-0.031	1.327	103.900	115.712%	44.140	0.891	0.262
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.829	0.229	0.727	98.647%	8.250	1.553	1.387	378.800	8.361
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		107.137%	0.537	0.537	82.260	108.726%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.516%	4.770	T 9746.000	T 9717.000	T 9753.000	T 4752.000	T 9635.000	9687.000	91.167%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.400	50.510	49.590	7139.000	49.240	T 4932.000	48.590	48.910	48.770
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.820	49.130	0.046	48.170	50.110	92.449%	47.170	49.920	49.440
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-2.113	49.510	49.310	93.442%	50.550	49.550	47.260	49.230	0.084
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.047%	50.070	50.400	49.540	103.055%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.345%	0.006	12.870	6.879	7.349	7.351	5.229	9.636	99.369%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.321	0.467	0.863	43050.000	0.236	21.140	0.157	0.147	0.164
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.048	0.468	0.076	0.021	0.170	100.002%	0.263	0.239	0.025
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.111	0.022	0.068	101.424%	0.254	0.078	0.050	0.172	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		105.128%	0.142	0.139	0.311	110.155%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.262%	1.040	T 8291.000	T 4745.000	T 4658.000	TM 36620.000	T 11110.000	7588.000	104.921%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1454.000	52.380	35.680	-24610.000	T 683.200	TM 21220.000	7.223	17.730	26.310
Run	Time	66Zn75	As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		168.300	5.798	-0.051	0.224	118.100	109.192%	43.450	0.554	0.127
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.882	0.089	0.942	97.673%	6.057	0.461	0.421	321.000	6.370
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		105.790%	0.355	0.347	42.860	107.528%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.649%	1.486	T 10110.000	T 7673.000	T 7562.000	TM 51300.000	T 14860.000	9437.000	104.573%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1877.000	79.820	61.530	-26120.000	T 772.500	TM 31230.000	10.750	25.550	20.630
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		146.800	30.130	0.028	0.577	129.700	113.943%	52.870	0.816	0.177
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.978	0.161	0.984	96.582%	9.326	0.846	0.796	414.900	8.764
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.561%	0.482	0.474	192.300	106.830%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.782%	0.760	T 8261.000	T 3350.000	T 3279.000	TM 30010.000	T 10320.000	6467.000	102.525%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1416.000	43.010	24.730	-23350.000	T 406.800	TM 14100.000	5.084	11.730	5.198
Run	**Time**	**66Zn75 As**		**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		43.790	4.907	-0.035	0.447	116.300	104.088%	44.440	0.434	0.112
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.729	0.069	0.573	97.060%	5.177	0.482	0.446	317.300	5.089
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.603%	0.278	0.263	42.490	108.005%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		109.547%	0.981	T 10340.000	T 4652.000	T 4576.000	TM 38750.000	T 11780.000	7823.000	103.145%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		M 1573.000	56.080	34.830	-24970.000	T 642.800	TM 18790.000	6.914	16.430	9.021
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		56.360	6.792	-0.036	0.630	132.000	108.148%	49.880	0.569	0.128
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		-0.811	0.091	0.682	97.279%	4.757	0.621	0.537	354.700	6.341
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
X		106.634%	0.351	0.341	32.190	108.708%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		107.798%	1.380	T 8031.000	T 7162.000	T 7057.000	TM 47750.000	T 13500.000	6720.000	104.249%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		M 1648.000	85.510	56.890	-25210.000	TM 987.000	TM 29520.000	10.470	26.200	14.270
Run	**Time**	**66Zn**	**75 As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		88.920	8.998	-0.037	0.917	109.300	109.272%	45.470	0.767	0.174
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
X		-0.862	0.144	0.900	96.368%	5.448	0.624	0.550	352.700	7.284
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
X		104.850%	0.432	0.452	47.180	105.665%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.048%	1.323	T 7219.000	T 7224.000	T 7135.000	TM 47060.000	T 12760.000	5839.000	103.196%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1677.000	76.930	60.310	-25120.000	TM 1221.000	TM 31020.000	11.170	23.350	14.860
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.690	9.880	-0.031	0.815	94.800	109.795%	45.120	0.642	0.160
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.879	0.138	0.678	95.674%	5.347	0.512	0.376	333.800	7.645
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.973%	0.435	0.432	34.540	106.887%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.686%	1.034	T 8521.000	T 5162.000	T 5076.000	TM 37930.000	T 10860.000	6312.000	103.284%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1390.000	58.420	40.500	-22540.000	T 814.900	TM 20770.000	7.826	17.800	11.130
Run	**Time**	**66Zn**	**75 As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		63.310	7.345	-0.026	0.832	107.400	106.857%	43.710	0.527	0.123
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.605	0.095	0.664	95.698%	4.716	0.446	0.413	305.800	6.012
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.037%	0.348	0.342	36.960	104.827%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.909%	0.832	T 8335.000	T 3209.000	T 3097.000	TM 29890.000	T 11060.000	6518.000	101.463%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1449.000	40.960	23.720	-22250.000	T 387.500	TM 13710.000	4.847	11.320	4.850
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		42.480	4.681	-0.012	0.642	114.800	104.052%	44.280	0.377	0.094
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.572	0.062	0.477	96.858%	4.295	0.486	0.416	318.900	5.049
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		107.365%	0.286	0.263	41.580	109.617%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.237%	1.601	T 9430.000	T 7756.000	T 7625.000	TM 53580.000	T 15160.000	6901.000	104.481%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1833.000	75.740	67.360	-25290.000	T 623.900	TM 31720.000	11.460	24.790	26.570
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		133.600	13.910	-0.046	1.095	113.200	111.440%	50.260	0.842	0.280
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.773	0.239	0.785	94.585%	7.671	1.032	0.937	396.700	8.646
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.904%	0.531	0.514	86.190	102.308%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.310%	1.262	T 7402.000	T 5969.000	T 5934.000	TM 38980.000	T 11010.000	5362.000	101.995%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1421.000	57.600	48.810	-22790.000	T 725.900	TM 24620.000	9.716	21.010	18.840
Run	**Time**	**66Zn75**	**As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		116.800	9.112	-0.052	1.320	92.180	108.043%	39.480	0.533	0.290
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.637	0.241	0.696	95.841%	5.670	0.382	0.349	288.400	6.500
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.891%	0.330	0.349	34.270	107.720%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.370%	4.830	T 10050.000	T 9967.000	T 9845.000	T 4782.000	T 9614.000	9764.000	88.026%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.640	49.560	49.300	18890.000	49.690	T 4968.000	48.830	48.890	48.870
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.390	48.690	0.156	50.200	49.930	89.540%	47.450	49.580	49.230
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.878	49.230	49.410	90.692%	51.020	50.020	46.910	48.780	0.069
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.850%	50.620	50.780	49.880	99.425%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		110.447%	-0.006	1.203	1.735	1.933	1.294	-2.539	-3.709	95.399%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.043	-0.349	0.959	52370.000	0.074	3.000	0.017	0.042	0.017
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.088	0.054	0.141	-0.305	0.013	98.059%	0.154	0.041	0.002
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.167	0.004	0.051	99.484%	0.106	0.007	-0.013	-0.026	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.193%	0.126	0.123	0.043	110.908%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.255%	0.425	T 2814.000	T 3071.000	3043.000	TM 13210.000	T 5771.000	7604.000	96.872%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		934.200	18.170	14.120	-7791.000	239.700	T 9249.000	3.883	6.675	8.336
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.930	2.963	0.023	-0.008	49.030	97.040%	15.870	0.218	0.039
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.295	0.038	0.289	94.927%	3.920	0.180	0.139	163.100	1.977
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.049%	0.198	0.195	225.300	104.397%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.628%	0.335	T 1692.000	T 1168.000	1164.000	T 9918.000	T 5776.000	1375.000	95.070%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		430.300	12.740	14.880	-12310.000	211.500	TM 15320.000	3.317	17.060	31.360
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.830	4.566	-0.016	0.396	28.760	96.771%	14.960	0.319	0.045
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.270	0.038	0.191	96.206%	4.328	0.299	0.226	175.500	1.810
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.231%	0.144	0.140	13.820	109.511%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.616%	0.464	T 2724.000	T 3089.000	T 3046.000	TM 13160.000	T 5639.000	8459.000	97.401%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		746.400	18.470	14.570	-11350.000	236.400	T 9863.000	3.824	7.841	4.791
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		71.910	3.286	-0.001	0.317	54.710	99.346%	15.480	0.204	0.046
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.226	0.043	0.287	96.929%	3.550	0.254	0.211	170.000	2.031
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.068%	0.173	0.163	T 516.700	107.498%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.410%	-0.005	6.599	9.825	10.780	4.801	-2.404	34.780	92.489%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.022	0.438	1.044	20350.000	0.085	1.437	0.011	0.212	0.017
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.964	0.316	0.091	-0.100	0.214	93.207%	-0.002	0.004	0.001
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.005	0.001	0.002	94.370%	2.797	-0.028	-0.047	0.239	-0.000
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.833%	0.016	0.008	0.032	103.592%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.106%	4.624	T983.500	T986.600	1015.000	T944.400	T951.400	1128.000	90.675%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		205.800	52.050	52.670	31600.000	102.100	T1006.000	50.500	50.940	50.910
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.200	10.160	0.162	10.420	103.700	93.449%	40.630	50.640	10.200
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.703	10.260	10.230	94.897%	55.750	9.847	9.657	102.200	0.201
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.904%	10.290	10.340	101.700	107.173%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		115.392%	1.129	58.000	T 4159.000	T 4121.000	TM 23970.000	T 1708.000	1265.000	104.271%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		983.400	79.570	31.230	-5535.000	TM 1024.000	TM 31050.000	17.700	16.670	17.800
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.820	6.585	0.241	0.255	21.740	116.289%	7.421	0.317	0.037
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.344	0.032	0.280	100.037%	2.565	0.233	0.183	189.100	8.630
Run	**Time**	**159Tb**	**203Tl20**	**5Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.911%	0.280	0.280	17.620	106.114%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.360%	5.860	T 1082.000	T 5459.000	T 5401.000	TM 33800.000	T 3072.000	2375.000	102.034%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1272.000	135.900	83.830	-3388.000	TM 1116.000	TM 34870.000	63.950	65.460	64.300
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		146.600	15.630	0.274	8.597	109.800	114.478%	35.650	42.190	9.379
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.020	9.468	9.974	98.758%	51.990	2.789	2.912	301.100	8.863
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		104.834%	10.220	10.330	116.800	105.064%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.252%	6.205	T 1109.000	T 5855.000	T 5872.000	TM 37430.000	T 3295.000	2495.000	102.121%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1348.000	138.600	84.030	-1778.000	TM 1170.000	TM 36260.000	66.970	68.340	66.740
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		151.600	16.110	0.228	8.602	112.400	114.282%	36.940	43.180	9.582
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.035	9.704	9.890	97.500%	53.260	2.830	2.961	314.400	9.426
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.064%	10.470	10.720	120.700	101.104%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.254%	10.250	T 4870.000	T 8716.000	T 8718.000	TM 24310.000	T 6319.000	5892.000	98.251%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		984.200	95.730	49.240	10650.000	TM 1061.000	TM 31960.000	44.180	52.900	43.810
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		121.700	74.350	0.194	56.940	38.540	109.305%	M 450.000	27.220	37.530
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.284	37.840	22.520	94.388%	104.300	77.720	77.980	203.000	8.332
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.413%	99.340	100.000	95.340	100.271%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		116.240%	0.213	11.570	T798.400	812.600	T4620.000	T322.600	249.300	102.591%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		195.400	16.700	7.527	1127.000	203.500	T6122.000	3.650	3.541	3.725
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		13.820	1.697	0.177	-0.179	4.671	105.249%	1.736	0.060	0.011
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.155	0.008	0.069	102.204%	0.542	0.000	-0.009	36.720	1.664
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		105.294%	0.228	0.223	3.359	108.250%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.554%	4.684	T9834.000	T9773.000	T9774.000	T4795.000	T9616.000	9682.000	86.016%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.060	50.120	48.930	2941.000	49.050	T4910.000	48.610	48.570	49.190
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.240	49.630	-0.095	50.720	49.250	87.818%	48.830	49.090	48.650
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.616	49.090	48.830	88.329%	50.530	50.200	47.650	48.760	0.074
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		94.443%	49.690	49.820	49.260	96.318%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.827%	-0.005	0.450	1.905	2.093	1.825	-1.150	-3.153	99.906%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.032	0.043	0.853	42080.000	0.078	4.265	0.021	0.028	0.003
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.094	0.457	0.035	-0.032	0.005	99.363%	0.135	0.030	0.004
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.118	0.004	0.041	99.825%	0.045	-0.022	-0.023	0.090	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.601%	0.158	0.160	0.038	105.818%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.035%	1.244	89.140	T 2989.000	T 2945.000	TM 17750.000	T 1711.000	2599.000	100.907%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		533.800	81.600	28.610	-5958.000	T 976.900	TM 39940.000	26.030	16.410	24.160
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.160	10.090	0.125	0.832	36.970	115.969%	4.335	0.689	0.048
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.359	0.055	0.251	97.241%	2.527	0.187	0.189	248.700	8.771
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.456%	0.263	0.258	19.280	102.279%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.560%	0.897	96.660	T 2717.000	2671.000	TM 21190.000	T 1502.000	3015.000	100.819%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		616.400	63.600	27.690	7049.000	T 472.700	TM 23530.000	15.390	16.050	22.280
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.810	3.739	0.242	0.401	28.250	113.619%	8.941	0.373	0.057
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.427	0.042	0.346	97.149%	2.590	0.103	0.082	205.500	8.306
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		102.203%	0.275	0.263	17.390	102.780%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.641%	0.816	35.940	T 1998.000	1976.000	TM 23040.000	T 1671.000	1219.000	103.408%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		460.000	79.960	34.850	-7585.000	T 827.300	TM 36000.000	18.870	15.410	23.000
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.840	7.468	0.171	0.288	7.782	110.770%	8.081	0.472	0.051
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.480	0.042	0.454	97.223%	2.619	0.131	0.110	165.600	6.257
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		100.447%	0.305	0.292	13.220	100.661%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.671%	0.702	T 156.500	T 4208.000	T 4258.000	TM 17410.000	T 1289.000	3285.000	103.237%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		875.000	56.450	21.350	-3846.000	T 503.100	TM 39600.000	13.690	17.240	18.270
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.610	5.476	0.272	0.420	20.170	108.869%	12.540	0.401	0.052
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.413	0.044	0.336	97.887%	2.986	0.076	0.048	150.100	4.523
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.576%	0.183	0.176	11.830	102.081%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.655%	0.792	T 169.300	T 4791.000	T 4813.000	TM 20050.000	T 1454.000	3702.000	103.191%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		928.100	63.050	24.300	-4384.000	T 593.400	TM 42980.000	15.600	19.370	21.050
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.370	6.484	0.199	0.608	21.870	109.166%	13.700	0.417	0.064
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.589	0.047	0.446	96.338%	3.171	0.089	0.089	168.400	5.165
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.337%	0.188	0.194	12.780	98.534%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.397%	1.247	70.610	T 5244.000	T 5231.000	TM 27590.000	T 3430.000	3783.000	99.282%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1850.000	111.600	38.940	-1490.000	TM 1157.000	TM 37230.000	19.700	22.530	20.690
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		78.090	7.504	0.113	0.502	28.400	124.160%	8.701	0.457	0.059
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.571	0.055	0.562	93.624%	2.405	0.237	0.184	227.800	11.860
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.087%	0.285	0.304	19.240	99.119%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		112.292%	0.578	27.910	T 903.100	905.300	TM 17500.000	T 973.800	1281.000	102.833%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		412.200	61.220	26.480	-4419.000	T 669.600	TM 25870.000	15.730	9.850	13.280
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		29.370	5.435	0.213	0.043	4.492	105.532%	5.481	0.382	0.024
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.346	0.022	0.231	96.562%	2.357	0.075	0.066	100.600	4.730
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		99.510%	0.239	0.242	11.850	99.604%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.092%	0.895	T 584.500	T 14400.000	T 14520.000	TM 44650.000	T 687.300	9752.000	107.847%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 5651.000	T 295.500	121.500	-8413.000	TM 1563.000	TM 92000.000	55.380	53.530	149.700
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.250	1.927	0.217	1.242	63.420	114.811%	72.620	0.490	0.158
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.585	0.062	1.024	94.077%	3.177	0.005	-0.001	172.100	9.083
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		97.528%	0.058	0.051	3.287	95.859%				

S 608163-010-020-1/1 09/12/2006 12:04:08 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.881%	1.473	74.550	T 3141.000	T 3086.000	TM 55250.000	T 1550.000	5197.000	111.049%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7164.000	T 352.500	114.600	-22280.000	TM 3036.000	TM 97780.000	58.890	36.790	128.900
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		112.000	3.791	0.106	1.122	25.570	119.796%	56.250	0.847	0.136
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.470	0.077	1.119	91.382%	2.609	0.200	0.207	328.300	13.250
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.178%	0.229	0.240	58.270	91.915%				

S 608163-011-021-1/1 09/12/2006 12:10:47 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.153%	1.242	55.990	T 2702.000	2618.000	TM 59310.000	T 812.500	2348.000	122.887%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 5916.000	T 391.000	169.300	-31330.000	TM 2326.000	TM 102500.000	55.290	37.420	141.700
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		68.930	2.276	-0.009	1.425	17.690	142.896%	61.720	0.543	0.155
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.774	0.068	1.184	94.022%	2.508	0.026	0.027	319.000	25.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.921%	0.170	0.154	8.369	95.584%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.698%	4.815	T 9734.000	T 9743.000	T 9863.000	T 4900.000	T 9805.000	9757.000	85.613%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.270	51.710	50.520	-8442.000	49.930	T 5007.000	50.420	50.320	50.630
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.000	50.130	-0.051	49.940	49.850	84.504%	51.090	49.720	49.270
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.796	49.330	49.490	85.259%	50.430	49.580	48.640	49.300	0.086
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		89.053%	50.210	50.240	50.020	88.784%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.665%	-0.005	0.246	1.927	2.189	2.000	0.298	-4.046	97.713%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.016	0.520	0.972	36110.000	0.094	5.676	0.020	0.028	0.001
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.270	0.155	0.064	0.237	0.017	96.459%	0.138	0.038	0.005
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.156	0.008	0.048	96.596%	0.007	-0.028	-0.055	-0.001	-0.003
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.426%	0.120	0.134	0.039	101.203%				

S 608163-012-017-1/2 09/12/2006 12:29:16 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.852%	1.039	160.900	T 6001.000	T 6047.000	TM 25640.000	T 1903.000	2773.000	102.930%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		787.900	70.600	31.940	-1746.000	T 337.800	TM 44510.000	13.680	24.740	31.270
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.110	5.237	0.219	0.557	23.970	110.936%	16.910	0.480	0.088
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.603	0.078	0.511	94.151%	3.083	0.095	0.054	211.000	7.547
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.626%	0.297	0.298	13.380	95.280%				

S 608163-013-024-1/1 09/12/2006 12:35:29 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.261%	0.531	36.820	T 1517.000	1510.000	TM 23320.000	T 1372.000	2411.000	99.902%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		473.000	56.230	23.300	5897.000	TM 1238.000	TM 23900.000	11.560	9.221	15.220
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.540	4.096	0.284	0.374	17.930	102.244%	4.846	0.368	0.044
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.336	0.034	0.162	95.167%	2.277	0.053	0.064	190.700	4.029
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		98.415%	0.332	0.317	10.880	99.154%				

S 608163-014-025-1/1 09/12/2006 12:41:40 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.111%	0.880	44.360	T 2839.000	2795.000	TM 24080.000	T 1983.000	2160.000	100.822%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		362.700	68.980	35.550	-6388.000	T 828.700	TM 43420.000	19.420	13.300	25.750
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.300	8.890	0.235	0.234	25.080	103.681%	13.250	0.458	0.038
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.422	0.028	0.259	93.418%	2.439	0.078	0.056	122.900	4.484
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		95.967%	0.186	0.186	9.259	95.752%				

S 608163-015-022-1/1 09/12/2006 12:47:54 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.663%	0.845	44.150	T 2869.000	2832.000	TM 24810.000	T 1445.000	1701.000	100.783%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		812.300	75.830	38.790	-2049.000	T 785.400	TM 33510.000	14.860	13.690	19.150
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.630	7.351	0.246	0.290	15.450	106.774%	4.743	0.502	0.032
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.421	0.040	0.246	95.158%	2.582	0.175	0.158	147.000	6.470
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.534%	0.245	0.238	21.620	98.593%				

S 608163-016-023-1/1 09/12/2006 12:54:08 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.459%	0.903	48.420	T 3118.000	T 3123.000	TM 26890.000	T 1575.000	1798.000	100.537%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		867.900	83.640	35.380	-2382.000	T 848.300	TM 35250.000	15.960	15.160	20.270
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	90Zr	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.850	7.760	0.238	0.663	16.430	107.387%	4.443	0.553	0.038
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.358	0.035	0.241	94.144%	2.737	0.211	0.211	160.000	6.793
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		97.187%	0.229	0.245	23.260	97.179%				

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User Pre-dilution: 1.000

RunTime	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	78.250%	-0.005	TM 267300.000	TM 103100.000	TM 102400.000	TM 99410.000	TM 100200.000	TM 307900.000	73.359%
RunTime	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	M 2105.000	0.217	0.455	-39400.000	0.336	TM 243400.000	0.374	1.674	1.129
RunTime	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.956	1.282	0.559	-0.366	4.264	73.027%	0.523	M 2020.000	0.099
RunTime	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x	2.091	0.099	0.004	74.950%	0.149	0.168	0.118	0.551	0.061
RunTime	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
	ppb	ppb	ppb	ppb	ppb				
x	81.581%	0.086	0.081	0.147	75.398%				

ICSAB 09/12/2006 01:12:30 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.243%	17.620	TM 265900.000	TM 102300.000	TM 101500.000	TM 97950.000	TM 99280.000	TM 302800.000	73.434%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2095.000	20.460	19.040	-43530.000	19.520	TM 240900.000	18.760	19.210	17.770
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.360	19.040	0.438	16.690	24.700	73.294%	13.360	M 2003.000	17.150
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.583	17.130	16.960	75.642%	20.100	18.660	17.510	20.610	0.071
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		83.257%	21.100	21.330	21.250	77.615%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.563%	4.702	↓9683.000	↓9667.000	↓9590.000	↓4627.000	↓9358.000	9771.000	84.836%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.840	51.310	48.780	-22600.000	48.490	↓4848.000	49.060	49.180	48.970
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.930	49.450	-0.121	50.630	49.860	85.972%	49.810	50.470	49.180
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.789	49.550	49.060	87.989%	50.400	49.910	46.790	49.080	0.070
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.674%	48.980	49.580	49.160	100.616%				

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	27Al	39K	44Ca	45Sc
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.595%	-0.007	7.418	2.428	2.545	2.314	0.253	-1.230	91.585%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.025	0.667	-0.159	3265.000	0.072	3.240	0.023	0.026	0.011
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**90Zr**	**95Mo**	**107Ag**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.404	0.177	-0.062	-0.465	0.009	90.787%	0.131	0.181	0.003
Run	**Time**	**108Mo O**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.031	0.007	0.019	92.018%	-0.001	-0.038	-0.056	0.060	0.000
Run	**Time**	**159Tb**	**203Tl**	**205Tl**	**208Pb**	**209Bi**				
		ppb	ppb	ppb	ppb	ppb				
x		96.462%	0.202	0.197	0.036	100.049%				

Instrument ID: HYDRA AA		Method: 7471	Start Seq #: 461	Traceability-Solutions	
Corr. Coef.	0.999825	Data File: Hg060914	End Seq #: 539	Rinse 10% HCL Bath:	129-124-01
Test Optics Sample:	967864	Rack 1: 060914	Folder: 06SEP	Stannous CL 10%:	128-114-08
Hg Lamp:	8.573 V	Rack 2:	Batch Name:		

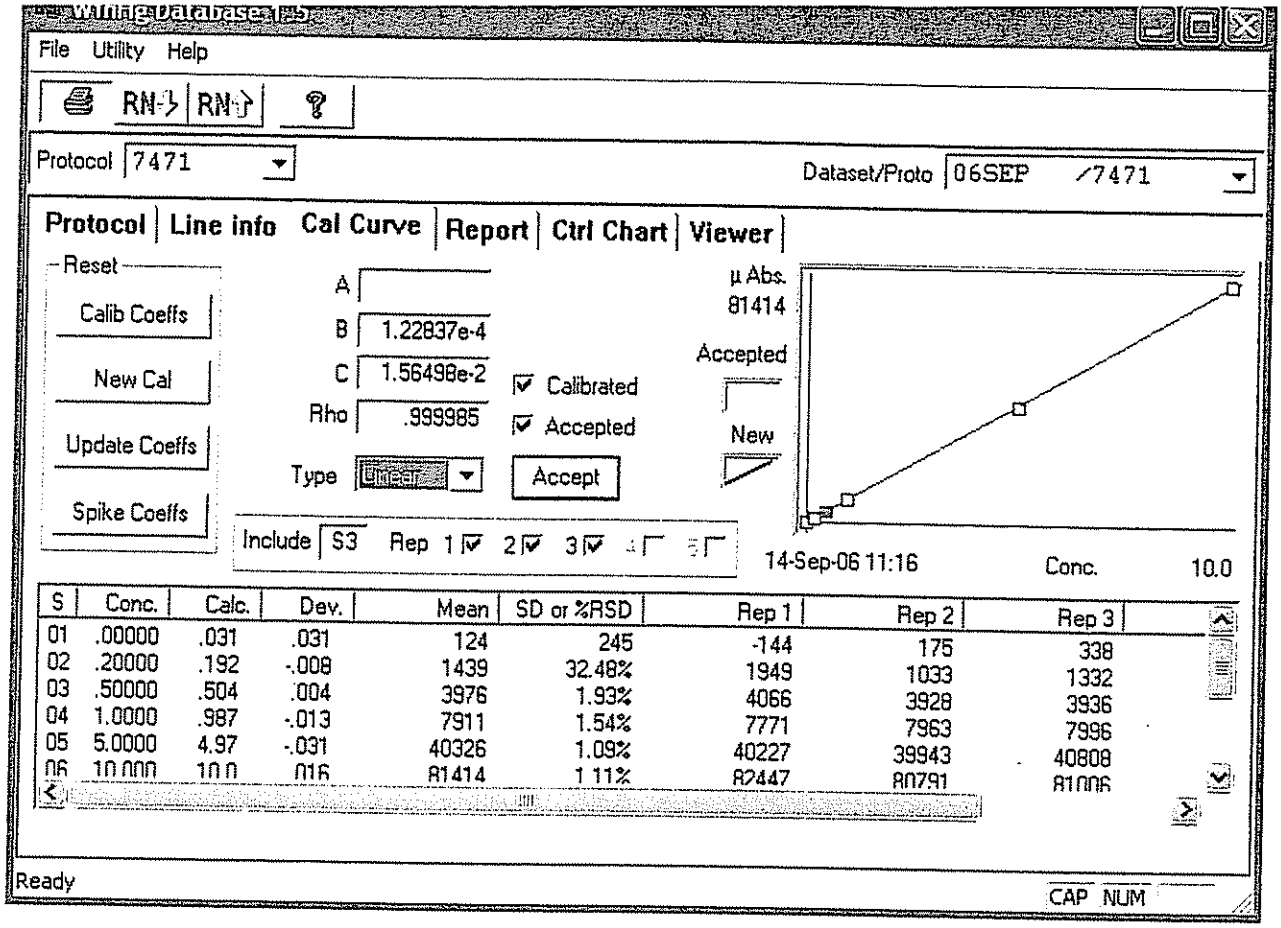
GPL - Maryland Laboratory — CVAA Analysis Log

Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time
1	Std01Rep1	1	1/14/2006	10:31	31	S 608163-009-011-1/2	1	1/14/2006	11:44	51	S 608187-004-010-1/1	1	1/14/2006	12:55
2	Std01Rep2	1	1/14/2006	10:33	32	S 608163-007-013-1/2	1	1/14/2006	11:47	52	S 608187-005-001-1/3	1	1/14/2006	12:57
3	Std01Rep3	1	1/14/2006	10:35	33	S 608163-008-015-1/2	1	1/14/2006	11:51	53	SP608187-005-001-1/	1	1/14/2006	13:00
4	Std02Rep1	1	1/14/2006	10:38	34	Ck5 CCV2	1	1/14/2006	11:53	54	SD608187-005-001-1/	1	1/14/2006	13:02
5	Std02Rep2	1	1/14/2006	10:40	35	Ck6 CCB2	1	1/14/2006	11:56	55	S 608187-006-025-1/1	1	1/14/2006	13:04
6	Std02Rep3	1	1/14/2006	10:42	36	S 608163-009-019-1/1	1	1/14/2006	11:58	56	S 608187-007-011-1/1	1	1/14/2006	13:06
7	Std03Rep1	1	1/14/2006	10:45	37	S 608163-012-017-1/2	1	1/14/2006	12:00	57	S 608187-008-012-1/1	1	1/14/2006	13:09
8	Std03Rep2	1	1/14/2006	10:48	38	S 608163-013-024-1/1	1	1/14/2006	12:02	58	S 608187-009-018-1/1	1	1/14/2006	13:11
9	Std03Rep3	1	1/14/2006	10:50	39	S 608163-014-025-1/1	1	1/14/2006	12:04	59	S 608187-010-019-1/1	1	1/14/2006	13:13
10	Std04Rep1	1	1/14/2006	10:52	40	S 608163-015-022-1/1	1	1/14/2006	12:06	70	Ck5 CCV5	1	1/14/2006	13:15
11	Std04Rep2	1	1/14/2006	10:54	41	SP608163-015-022-1/	1	1/14/2006	12:09	71	Ck6 CCB5	1	1/14/2006	13:18
12	Std04Rep3	1	1/14/2006	10:57	42	SD608163-015-022-1/	1	1/14/2006	12:11	72	S 608187-011-020-1/1	1	1/14/2006	13:20
13	Std05Rep1	1	1/14/2006	10:59	43	S 608163-016-023-1/1	1	1/14/2006	12:13	73	S 608187-012-021-1/1	1	1/14/2006	13:22
14	Std05Rep2	1	1/14/2006	11:02	44	BLK93733	1	1/14/2006	12:16	74	Ck5 CCV6	1	1/14/2006	13:24
15	Std05Rep3	1	1/14/2006	11:05	45	BKS93733	1	1/14/2006	12:18	75	Ck6 CCB6	1	1/14/2006	13:25
16	Std06Rep1	1	1/14/2006	11:07	46	Ck5 CCV3	1	1/14/2006	12:20	76	S CVAA#2	1	1/14/2006	13:38
17	Std06Rep2	1	1/14/2006	11:10	47	Ck6 CCB3	1	1/14/2006	12:23	77	S DIG S	1	1/14/2006	13:40
18	Std06Rep3	1	1/14/2006	11:12	48	S 608144-001-010-1/2	1	1/14/2006	12:25	78	S DIG S DF=10	1	1/14/2006	13:47
19	Ck2 ICV	1	1/14/2006	11:18	49	S 608144-003-014-1/3	1	1/14/2006	12:28					
20	Ck3 ICB	1	1/14/2006	11:20	50	S 608144-005-014-1/2	1	1/14/2006	12:30					
21	Ck4 CRA	1	1/14/2006	11:22	51	S 608150-001-001-1/1	1	1/14/2006	12:32					
22	Ck5 CCV1	1	1/14/2006	11:24	52	S 608150-002-002-1/1	1	1/14/2006	12:34					
23	Ck6 CCB1	1	1/14/2006	11:25	53	S 608169-001-001-1/1	1	1/14/2006	12:36					
24	BLK93732	1	1/14/2006	11:29	54	S 608169-002-002-1/1	1	1/14/2006	12:38					
25	BKS93732	1	1/14/2006	11:31	55	S 608170-001-001-1/1	1	1/14/2006	12:41					
26	S 608163-001-001-1/2	1	1/14/2006	11:33	56	S 608187-001-007-1/1	1	1/14/2006	12:43					
27	S 608163-002-003-1/2	1	1/14/2006	11:35	57	S 608187-002-008-1/1	1	1/14/2006	12:45					
28	S 608163-003-005-1/2	1	1/14/2006	11:38	58	Ck5 CCV4	1	1/14/2006	12:48					
29	S 608163-004-007-1/2	1	1/14/2006	11:40	59	Ck6 CCB4	1	1/14/2006	12:50					
30	S 608163-005-009-1/2	1	1/14/2006	11:42	60	S 608187-003-009-1/1	1	1/14/2006	12:52					

Analyst Signature: [signature] Date: 14/Sep/2006 Analyst Signature:

Workorders	Dilutions/Reanalyses/Comments	Source Solutions	
608163		Stds	Numbers
608144		S0	—
608150		S1	38100
608169		S2	↓
608170		S3	↓
608187		S4	↓
		S5	↓
	[signature] 14/Sep/2006	CRA	↓
		ICV	38097
		CCV	38100

Analyst: [signature] Date: 14/Sep/2006 Reviewed: RA Date: 9-15-06


File Utility Help
Protocol 7471
Dataset/Proto 06SEP /7471
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 1.22837e-4
C 1.56498e-2
Rho .999985
Type Linear
Calibrated
Accepted
Accept
µ Abs.
81414
Accepted
New
Include S3 Rep 1 2 3
14-Sep-06 11:16
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %RSD Rep 1 Rep 2 Rep 3
01 .00000 .031 .031 124 245 -144 175 338
02 .20000 .192 -.008 1439 32.48% 1949 1033 1332
03 .50000 .504 .004 3976 1.93% 4066 3928 3936
04 1.0000 .987 -.013 7911 1.54% 7771 7963 7996
05 5.0000 4.97 -.031 40326 1.09% 40227 39943 40808
Ready
CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 465	10:31:50 14 Sep 06				HG
Hg	.000	ppb	-144						
*** Standard: 1 Rep: 2				Seq: 466	10:33:59 14 Sep 06				HG
Hg	.000	ppb	175						
*** Standard: 1 Rep: 3				Seq: 467	10:36:05 14 Sep 06				HG
Hg	.000	ppb	338						
*** Standard: 2 Rep: 1				Seq: 468	10:38:24 14 Sep 06				HG
Hg	.200	ppb	1949						
*** Standard: 2 Rep: 2				Seq: 469	10:40:33 14 Sep 06				HG
Hg	.200	ppb	1033						
*** Standard: 2 Rep: 3				Seq: 470	10:42:40 14 Sep 06				HG
Hg	.200	ppb	1332						
*** Standard: 3 Rep: 1				Seq: 471	10:45:46 14 Sep 06				HG
Hg	.500	ppb	4065						
*** Standard: 3 Rep: 2				Seq: 472	10:48:24 14 Sep 06				HG
Hg	.500	ppb	3928						
*** Standard: 3 Rep: 3				Seq: 473	10:50:41 14 Sep 06				HG
Hg	.500	ppb	3936						
*** Standard: 4 Rep: 1				Seq: 474	10:52:47 14 Sep 06				HG
Hg	1.00	ppb	7771						
*** Standard: 4 Rep: 2				Seq: 475	10:54:58 14 Sep 06				HG
Hg	1.00	ppb	7963						
*** Standard: 4 Rep: 3				Seq: 476	10:57:16 14 Sep 06				HG
Hg	1.00	ppb	7996						
*** Standard: 5 Rep: 1				Seq: 477	10:59:33 14 Sep 06				HG
Hg	5.00	ppb	40227						
*** Standard: 5 Rep: 2				Seq: 478	11:02:41 14 Sep 06				HG
Hg	5.00	ppb	39943						
*** Standard: 5 Rep: 3				Seq: 479	11:05:37 14 Sep 06				HG
Hg	5.00	ppb	40808						

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

*** Standard: 6 Rep: 1 Seq: 480 11:07:49 14 Sep 06 HG

Hg 10.0 ppb 82447

*** Standard: 6 Rep: 2 Seq: 481 11:10:01 14 Sep 06 HG

Hg 10.0 ppb 80791

*** Standard: 6 Rep: 3 Seq: 482 11:12:30 14 Sep 06 HG

Hg 10.0 ppb 81006

*** Check Standard: 2 Ck2 ICV Seq: 483 11:18:03 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	3.11	3.00	ppb	.000

*** Check Standard: 3 Ck3 ICB Seq: 484 11:20:22 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	3.54	.002	.050	ppb	.000

*** Check Standard: 4 Ck4 CRA Seq: 485 11:22:29 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		92.4	.185	.200	ppb	.000

*** Check Standard: 5 Ck5 CCV Seq: 486 11:24:40 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.09	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 487 11:26:48 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		68.4	.034	.050	ppb	.000

*** Sample ID: BLK93732 Seq: 488 11:28:55 14 Sep 06 HG

Hg .050 ppb .000 .050

*** Sample ID: BKS93732 Seq: 489 11:31:50 14 Sep 06 HG

Hg 2.96 ppb .000 2.96

*** Sample ID: S 608163-0 Seq: 490 11:33:55 14 Sep 06 HG
01-001-1/2
Hg .181 ppb .000 .181

*** Sample ID: S 608163-0 Seq: 491 11:35:59 14 Sep 06 HG
02-003-1/2
Hg .302 ppb .000 .302

*** Sample ID: S 608163-0 Seq: 492 11:38:05 14 Sep 06 HG
03-005-1/2
Hg .351 ppb .000 .351

*** Sample ID: S 608163-0 Seq: 493 11:40:32 14 Sep 06 HG
04-007-1/2
Hg .241 ppb .000 .241

*** Sample ID: S 608163-0 Seq: 494 11:42:39 14 Sep 06 HG
05-009-1/2
Hg .263 ppb .000 .263

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

*** Sample ID: S 608163-0 Seq: 495 11:44:56 14 Sep 06 HG
06-011-1/2
Hg .180 ppb .000 .180

*** Sample ID: S 608163-0 Seq: 496 11:47:34 14 Sep 06 HG
07-013-1/2
Hg .201 ppb .000 .201

*** Sample ID: S 608163-0 Seq: 497 11:51:20 14 Sep 06 HG
08-015-1/2
Hg .220 ppb .000 .220

*** Check Standard: 5 Ck5 CCV Seq: 498 11:53:41 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.06	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 499 11:56:07 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	49.7	.025	.050	ppb	.000

*** Sample ID: S 608163-0 Seq: 500 11:58:19 14 Sep 06 HG
09-019-1/1
Hg .385 ppb .000 .385

*** Sample ID: S 608163-0 Seq: 501 12:00:27 14 Sep 06 HG
12-017-1/2
Hg .282 ppb .000 .282

*** Sample ID: S 608163-0 Seq: 502 12:02:35 14 Sep 06 HG
13-024-1/1
Hg .261 ppb .000 .261

*** Sample ID: S 608163-0 Seq: 503 12:04:43 14 Sep 06 HG
14-025-1/1
Hg .171 ppb .000 .171

*** Sample ID: S 608163-0 Seq: 504 12:06:50 14 Sep 06 HG
15-022-1/1
Hg .273 ppb .000 .273

*** Sample ID: SP608163-0 Seq: 505 12:09:26 14 Sep 06 HG
15-022-1/1
Hg 3.24 ppb .000 3.24

*** Sample ID: SD608163-0 Seq: 506 12:11:51 14 Sep 06 HG
15-022-1/1
Hg 3.13 ppb .000 3.13

*** Sample ID: S 608163-0 Seq: 507 12:13:58 14 Sep 06 HG
16-023-1/1
Hg .217 ppb .000 .217

*** Sample ID: BLK93733 Seq: 508 12:16:06 14 Sep 06 HG

Hg .088 ppb .000 .088

*** Sample ID: BKS93733 Seq: 509 12:18:23 14 Sep 06 HG

Hg 3.05 ppb .000 3.05

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

*** Check Standard: 5 Ck5 CCV Seq: 510 12:20:40 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.09	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 511 12:23:07 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-66.2	-.033	.050	ppb	.000

*** Sample ID: S 608144-0 Seq: 512 12:25:54 14 Sep 06 HG

01-010-1/2

Hg	.245	ppb	.000	.245

*** Sample ID: S 608144-0 Seq: 513 12:28:04 14 Sep 06 HG

03-014-1/3

Hg	.624	ppb	.000	.624

*** Sample ID: S 608144-0 Seq: 514 12:30:25 14 Sep 06 HG

05-014-1/2

Hg	.365	ppb	.000	.365

*** Sample ID: S 608150-0 Seq: 515 12:32:36 14 Sep 06 HG

01-001-1/1

Hg	.105	ppb	.000	.105

*** Sample ID: S 608150-0 Seq: 516 12:34:41 14 Sep 06 HG

02-002-1/1

Hg	.429	ppb	.000	.429

*** Sample ID: S 608169-0 Seq: 517 12:36:47 14 Sep 06 HG

01-001-1/1

Hg	.070	ppb	.000	.070

*** Sample ID: S 608169-0 Seq: 518 12:38:59 14 Sep 06 HG

02-002-1/1

Hg	.082	ppb	.000	.082

*** Sample ID: S 608170-0 Seq: 519 12:41:08 14 Sep 06 HG

01-001-1/1

Hg	.206	ppb	.000	.206

*** Sample ID: S 608187-0 Seq: 520 12:43:15 14 Sep 06 HG

01-007-1/1

Hg	.201	ppb	.000	.201

*** Sample ID: S 608187-0 Seq: 521 12:45:25 14 Sep 06 HG

02-008-1/1

Hg	.264	ppb	.000	.264

*** Check Standard: 5 Ck5 CCV Seq: 522 12:48:35 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.9	4.99	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 523 12:50:41 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		84.6	.042	.050	ppb	.000

*** Sample ID: S 608187-0 Seq: 524 12:52:57 14 Sep 06 HG

03-009-1/1

Hg	.383	ppb	.000	.383

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

*** Sample ID: S 608187-0 Seq: 525 12:55:06 14 Sep 06 HG
04-010-1/1

Hg	.182	ppb	.000	.182				

*** Sample ID: S 608187-0 Seq: 526 12:57:54 14 Sep 06 HG
05-001-1/3

Hg	.230	ppb	.000	.230				

*** Sample ID: SP608187-0 Seq: 527 13:00:10 14 Sep 06 HG
05-001-1/3

Hg	3.17	ppb	.000	3.17				

*** Sample ID: SD608187-0 Seq: 528 13:02:16 14 Sep 06 HG
05-001-1/3

Hg	3.17	ppb	.000	3.17				

*** Sample ID: S 608187-0 Seq: 529 13:04:43 14 Sep 06 HG
06-025-1/1

Hg	.261	ppb	.000	.261				

*** Sample ID: S 608187-0 Seq: 530 13:06:59 14 Sep 06 HG
07-011-1/1

Hg	.195	ppb	.000	.195				

*** Sample ID: S 608187-0 Seq: 531 13:09:06 14 Sep 06 HG
08-012-1/1

Hg	.269	ppb	.000	.269				

*** Sample ID: S 608187-0 Seq: 532 13:11:28 14 Sep 06 HG
09-018-1/1

Hg	.343	ppb	.000	.343				

*** Sample ID: S 608187-0 Seq: 533 13:13:39 14 Sep 06 HG
10-019-1/1

Hg	.237	ppb	.000	.237				

*** Check Standard: 5 Ck5 CCV Seq: 534 13:15:55 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.3	4.97	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 535 13:18:06 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-.147	-.000	.050	ppb	.000

*** Sample ID: S 608187-0 Seq: 536 13:20:14 14 Sep 06 HG
11-020-1/1

Hg	.339	ppb	.000	.339				

*** Sample ID: S 608187-0 Seq: 537 13:22:31 14 Sep 06 HG
12-021-1/1

Hg	.140	ppb	.000	.140				

*** Check Standard: 5 Ck5 CCV Seq: 538 13:24:38 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.03	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 539 13:26:53 14 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		90.8	.045	.050	ppb	.000

Metals Preparation & Sample Description Log

Date: 09-11-06 Prep: 200.7 / 3005A / 3020A / (3050B) / 3010A / ILC03.1 / ILM04.1 / ILM05.3 Batch No: 180- 111

Analyst: HH Comments: MOD BLOCK DIGESTION (6ml)

Reviewed by: Date: Spike Witness: KC Pep. Seq: 93629

	GPL Work Order No.	Sample	Frac	Size mL (g)	Final Vol. (mL)	Matrix S, W Other	Color Before	Color After	Clarity Before or Soil Texture	Clarity After Clear, Cloudy, Opaque	Soil Artifacts or Water pH
							R, Bl, Y, G, O, V, W Colorless, Br, Grey, Bk				
1	BLK	111		1.00	100	S				Clear	-
2	BKS	111		1.00							C
3	608163	001	-001-½	1.23		Soil	Brown	Yellow	Medium		-
4		MS	↓	1.26		↓	↓	↓	↓	↓	↓
5		MD	↓	1.31							
6		002	-003-½	1.23							
7		003	-005-½	1.26							
8		004	-007-½	1.35							
9		005	-009-½	1.20							
10		006	-011-½	1.25							
11		007	-013-½	1.25							
12		008	-015-½	1.30							
13		009	-019-½	1.21							
14		010	-020-½	1.28							
15		011	-021-½	1.27							
16		012	-017-½	1.19							
17		013	-024-½	1.24							
18		014	-025-½	1.24							
19		015	-022-½	1.26							
20	↓	016	-023-½	1.32	↓	↓	↓	↓	↓	↓	↓
21											
22					HH	09-11-06					
23											
24											

LCS ID/ Amt. Added (ml ,g) : 0.2 ml (37361, 37362, 37363)

Spiking ID / Amt. Added (ml) 0.2 ml (37361, 37362, 37363)

10ML 1:1 NA, 10ML NA CNC, 7ML Peroxide, 10ML HCL CNC

Temperature, C: 94°C

HNO3(1+1) ID: GP-05)-115-10

HNO3(conc) ID: GP-129-08-11

HCl(conc) ID: GP-129-08-10

HCl(1+1) ID: C

Peroxide ID: GP-129-08-02

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 176- 1 of 2

Digestion Date: 9-13-06 Analyst: David Huh

Reviewed By / Date: [illegible] 14/Sep/06

GPL Workorder	Frac	Client ID	Matrix	SIZE (mL/g)	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		S 0.0 / ICB / CCB	Water	10 mL	100	—	1t
		S 0.2 / CRA				0.2	
		S 0.5				0.5	
		S 1.0				1.0	
		S 5.0 / CCV				5.0	
		S 10.0				10.0	
		ICV		10 mL		.3	
		Blk 93732	Soil	0.600		—	
		BKS 93732		0.600		3.0	
608163- 001	001-1/2			0.624		—	
002	002-			0.792		—	
003	003-			0.838		—	
004	007-			0.682		—	
005	007-			0.966		—	
006	011-			0.747		—	
007	013-			0.772		—	
008	018-1/2			0.779		—	
009	019-1/1			0.779		—	
012	017-1/2			0.802		—	
013	024-1/1			0.722		—	
014	025-1/1			0.667		—	
015	022-1/1			0.660		—	
		Spk		0.654		3.0	
		MSD		0.691	↓	3.0	↓
↓ 016	023-1/1		Soil	0.696	100	—	1t
		pk 9-14-06					

50% Aqua regia: 129-124-01 Spiking Solution Conc: 0.1 PPM Hg

HNO3: Std/CRA/BKS/Spk: 38100

H2SO4: (2nd source) ICV: 38097

KMnO4: 129-121-01 H2O Bath Temp: 95 In Time: 10:58 PM

K2S2O8: H2O Bath Temp: 95 Out Time: 11:00

NH2OH*HCl: 129-109-10 H2O Bath Temp: 95 In Time: 11:45

Comments: H2O Bath Temp: 95 Out Time: 12:15 AM

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 176- 2 of 2

Digestion Date: 9-13-06 Analyst: DH

Reviewed By / Date: 14/Sep/06

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		BLK 93733	Soil	0.60	100	—	1
		BKS 93733		0.602		3.0	
608144-001	01-1/2			0.953		—	
003	14-1/3			0.826		—	
005	24-1/2			0.816		—	
608150-001	01-1/4			0.923		—	
002	02-1/4			0.739		—	
608169-001	01-1/4			0.714		—	
002	02-1/4			0.740		—	
608170-001	01-1/4			0.837		—	
608187-001	07-			0.646		—	
002	08-			0.807		—	
003	09-			0.850		—	
004	10-			0.673		—	
005	01-1/3			0.804		—	
		SPK		0.712		3.0	
		MSD		0.776		3.0	
006	22-1/4			0.758		—	
007	01-			0.725		—	
008	02-	0.630		~~0.630~~		—	
009	18-			0.674		—	
010	19-			0.679		—	
011	20-			0.649		—	
012	21-1/4		Soil	0.733	100	—	1

DW 9-14-06

50% Aqua regia: GP-129-124-01 Spiking Solution Conc: 0.1 PPM Hg

HNO3: Std/CRA/BKS/Spk: 36/80

H2SO4: (2nd source) ICV: 38.97

KMnO4: 129-121-01 H2O Bath Temp: 95°C In Time: 10:48 DH

K2S2O8: H2O Bath Temp: 95°C Out Time: 11:00

NH2OH*HCl: 129-109-10 H2O Bath Temp: 95°C In Time: 11:45

Comments: H2O Bath Temp: 95°C Out Time: 12:45

USEPA - CLP

COVER PAGE

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 608163

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-017-0001	S 608163-010-020-1/1
NWO-017-0008	S 608163-011-021-1/1
NWO-017-0024	S 608163-008-015-1/2
NWO-017-0025	S 608163-004-007-1/2
NWO-017-0033	S 608163-007-013-1/2
NWO-017-0034	S 608163-001-001-1/2
NWO-017-0034 MS	SP608163-001-001-1/2
NWO-017-0034 MSD	SD608163-001-001-1/2
NWO-017-1002	S 608163-003-005-1/2
NWO-017-1004	S 608163-012-017-1/2
NWO-017-1005	S 608163-005-009-1/2
NWO-017-1006	S 608163-006-011-1/2
NWO-017-1007	S 608163-002-003-1/2
NWO-017-5008	S 608163-013-024-1/1
NWO-017-5009	S 608163-014-025-1/1
NWO-017-5010	S 608163-015-022-1/1
NWO-017-5010 MS	SP608163-015-022-1/1
NWO-017-5010 MSD	SD608163-015-022-1/1
NWO-017-5011	S 608163-016-023-1/1
NWO-017-5012	S 608163-009-019-1/1

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	YES	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	YES	YES
if yes, were raw data generated before application of background corrections?	(Yes/No)	NO	YES

Comments:

I certify that this Sample Data Package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Sample Data Package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as referred by the following signature.

EPA Sample No.	Lab Sample ID

Signature: Rita Amin Name: RITA AMIN

Date: ~~8/30/2006~~ RA 10/12/2006 Title: Metals Reposting

COVER PAGE SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0034	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	81.3	19500	D	10	09/11/06 22:30
Antimony	121	0.14	0.81	0.19	JND	10	09/11/06 22:30
Arsenic	75	0.50	4.1	5.4	D	10	09/11/06 22:30
Barium	137	0.19	4.1	154	DB	10	09/11/06 22:30
Beryllium	9	0.026	0.16	0.92	D	10	09/11/06 22:30
Cadmium	110	0.11	0.41	0.23	JD	10	09/11/06 22:30
Calcium	44	4.6	813	1030	D	10	09/11/06 22:30
Chromium	52	0.23	1.6	25.4	EDB	10	09/11/06 22:30
Cobalt	59	0.014	0.41	14.4	D	10	09/11/06 22:30
Copper	65	0.16	1.6	14.5	D	10	09/11/06 22:30
Iron	56	2.6	40.7	25200	D	10	09/11/06 22:30
Lead	208	0.064	1.6	14.3	D	10	09/11/06 22:30
Magnesium	25	1.5	81.3	3350	D	10	09/11/06 22:30
Manganese	55	0.046	1.6	833	DB	10	09/11/06 22:30
Molybdenum	95	0.24	4.1	0.26	JD	10	09/11/06 22:30
Nickel	60	0.072	0.81	13.5	D	10	09/11/06 22:30
Potassium	39	1.6	813	1390	ND	10	09/11/06 22:30
Selenium	82	0.79	4.1	0.79	UD	10	09/11/06 22:30
Silver	107	0.015	0.24	0.030	JDB	10	09/11/06 22:30
Sodium	23	7.6	813	47.2	JD	10	09/11/06 22:30
Strontium	88	0.075	1.6	17.7	D	10	09/11/06 22:30
Thallium	203	0.14	1.6	0.23	JD	10	09/11/06 22:30
Titanium	47	0.24	1.6	800	D	10	09/11/06 22:30
Vanadium	51	2.0	8.1	64.7	D	10	09/11/06 22:30
Zinc	66	0.40	8.1	44.6	EDB	10	09/11/06 22:30

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0034	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0093	0.032	0.029	J	1	09/14/06 11:33

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1007	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	81.3	14400	D	10	09/11/06 23:13
Antimony	121	0.14	0.81	0.15	JND	10	09/11/06 23:13
Barium	137	0.19	4.1	202	DB	10	09/11/06 23:13
Cadmium	110	0.11	0.41	0.20	JD	10	09/11/06 23:13
Chromium	52	0.23	1.6	23.3	EDB	10	09/11/06 23:13
Cobalt	59	0.014	0.41	21.2	D	10	09/11/06 23:13
Copper	65	0.16	1.6	19.6	D	10	09/11/06 23:13
Iron	56	2.6	40.7	32500	D	10	09/11/06 23:13
Lead	208	0.064	1.6	15.7	D	10	09/11/06 23:13
Magnesium	25	1.5	81.3	2390	D	10	09/11/06 23:13
Manganese	55	0.046	1.6	794	DB	10	09/11/06 23:13
Molybdenum	95	0.24	4.1	0.56	JD	10	09/11/06 23:13
Nickel	60	0.072	0.81	13.3	D	10	09/11/06 23:13
Strontium	88	0.075	1.6	30.1	D	10	09/11/06 23:13
Titanium	47	0.24	1.6	434	D	10	09/11/06 23:13
Zinc	66	0.40	8.1	64.4	EDB	10	09/11/06 23:13

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1007	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0073	0.025	0.038		1	09/14/06 11:35

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

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Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1002	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	79.4	16800	D	10	09/11/06 23:20
Antimony	121	0.13	0.79	0.13	UND	10	09/11/06 23:20
Barium	137	0.18	4.0	163	DB	10	09/11/06 23:20
Cadmium	110	0.11	0.40	0.27	JD	10	09/11/06 23:20
Chromium	52	0.22	1.6	22.0	EDB	10	09/11/06 23:20
Cobalt	59	0.013	0.40	12.2	D	10	09/11/06 23:20
Copper	65	0.16	1.6	17.7	D	10	09/11/06 23:20
Iron	56	2.5	39.7	18700	D	10	09/11/06 23:20
Lead	208	0.063	1.6	13.8	D	10	09/11/06 23:20
Magnesium	25	1.4	79.4	2120	D	10	09/11/06 23:20
Manganese	55	0.045	1.6	375	DB	10	09/11/06 23:20
Molybdenum	95	0.23	4.0	0.30	JD	10	09/11/06 23:20
Nickel	60	0.070	0.79	12.7	D	10	09/11/06 23:20
Strontium	88	0.073	1.6	22.4	D	10	09/11/06 23:20
Titanium	47	0.24	1.6	489	D	10	09/11/06 23:20
Zinc	66	0.39	7.9	41.1	EDB	10	09/11/06 23:20

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

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Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1002	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0069	0.024	0.042		1	09/14/06 11:38

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

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Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-004-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0025	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.0	74.1	17100	D	10	09/11/06 23:26
Antimony	121	0.13	0.74	0.13	UND	10	09/11/06 23:26
Barium	137	0.17	3.7	123	DB	10	09/11/06 23:26
Cadmium	110	0.10	0.37	0.34	JD	10	09/11/06 23:26
Chromium	52	0.21	1.5	25.8	EDB	10	09/11/06 23:26
Cobalt	59	0.013	0.37	14.0	D	10	09/11/06 23:26
Copper	65	0.15	1.5	17.0	D	10	09/11/06 23:26
Iron	56	2.4	37.0	26700	D	10	09/11/06 23:26
Lead	208	0.059	1.5	9.8	D	10	09/11/06 23:26
Magnesium	25	1.3	74.1	1460	D	10	09/11/06 23:26
Manganese	55	0.042	1.5	613	DB	10	09/11/06 23:26
Molybdenum	95	0.21	3.7	0.35	JD	10	09/11/06 23:26
Nickel	60	0.065	0.74	11.4	D	10	09/11/06 23:26
Strontium	88	0.068	1.5	5.8	D	10	09/11/06 23:26
Titanium	47	0.22	1.5	341	D	10	09/11/06 23:26
Zinc	66	0.36	7.4	35.4	EDB	10	09/11/06 23:26

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-004-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0025	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0085	0.029	0.035		1	09/14/06 11:40

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-005-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1005	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	83.3	14500	D	10	09/11/06 23:32
Antimony	121	0.14	0.83	0.14	UND	10	09/11/06 23:32
Barium	137	0.19	4.2	125	DB	10	09/11/06 23:32
Cadmium	110	0.12	0.42	0.28	JD	10	09/11/06 23:32
Chromium	52	0.23	1.7	17.8	EDB	10	09/11/06 23:32
Cobalt	59	0.014	0.42	11.4	D	10	09/11/06 23:32
Copper	65	0.17	1.7	15.2	D	10	09/11/06 23:32
Iron	56	2.7	41.7	33000	D	10	09/11/06 23:32
Lead	208	0.066	1.7	9.9	D	10	09/11/06 23:32
Magnesium	25	1.5	83.3	3550	D	10	09/11/06 23:32
Manganese	55	0.048	1.7	419	DB	10	09/11/06 23:32
Molybdenum	95	0.24	4.2	0.33	JD	10	09/11/06 23:32
Nickel	60	0.073	0.83	14.4	D	10	09/11/06 23:32
Strontium	88	0.077	1.7	16.8	D	10	09/11/06 23:32
Titanium	47	0.25	1.7	729	D	10	09/11/06 23:32
Zinc	66	0.41	8.3	67.2	EDB	10	09/11/06 23:32

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

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Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-005-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1005	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0060	0.021	0.027		1	09/14/06 11:42

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-006-011-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1006	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.0	16000	D	10	09/11/06 23:38
Antimony	121	0.14	0.80	0.14	UND	10	09/11/06 23:38
Barium	137	0.18	4.0	135	DB	10	09/11/06 23:38
Cadmium	110	0.11	0.40	0.36	JD	10	09/11/06 23:38
Chromium	52	0.22	1.6	19.4	EDB	10	09/11/06 23:38
Cobalt	59	0.014	0.40	12.5	D	10	09/11/06 23:38
Copper	65	0.16	1.6	16.8	D	10	09/11/06 23:38
Iron	56	2.6	40.0	34400	D	10	09/11/06 23:38
Lead	208	0.063	1.6	10.2	D	10	09/11/06 23:38
Magnesium	25	1.4	80.0	3850	D	10	09/11/06 23:38
Manganese	55	0.046	1.6	475	DB	10	09/11/06 23:38
Molybdenum	95	0.23	4.0	0.33	JD	10	09/11/06 23:38
Nickel	60	0.070	0.80	15.5	D	10	09/11/06 23:38
Strontium	88	0.074	1.6	17.5	D	10	09/11/06 23:38
Titanium	47	0.24	1.6	742	D	10	09/11/06 23:38
Zinc	66	0.39	8.0	68.3	EDB	10	09/11/06 23:38

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-006-011-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1006	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0078	0.027	0.024	J	1	09/14/06 11:44

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-007-013-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0033	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	4.3	160	21800	D	20	09/12/06 22:02
Antimony	121	0.27	1.6	0.27	UND	20	09/12/06 22:02
Barium	137	0.37	8.0	182	D	20	09/12/06 22:02
Cadmium	110	0.22	0.80	0.39	JD	20	09/12/06 22:02
Chromium	52	0.45	3.2	32.2	EDB	20	09/12/06 22:02
Cobalt	59	0.027	0.80	16.4	DB	20	09/12/06 22:02
Copper	65	0.32	3.2	17.3	DB	20	09/12/06 22:02
Iron	56	5.1	80.0	30800	D	20	09/12/06 22:02
Lead	208	0.13	3.2	15.1	D	20	09/12/06 22:02
Magnesium	25	2.9	160	4000	D	20	09/12/06 22:02
Manganese	55	0.091	3.2	952	D	20	09/12/06 22:02
Molybdenum	95	0.46	8.0	0.46	UD	20	09/12/06 22:02
Nickel	60	0.14	1.6	17.9	DB	20	09/12/06 22:02
Strontium	88	0.15	3.2	25.3	D	20	09/12/06 22:02
Titanium	47	0.48	3.2	1490	D	20	09/12/06 22:02
Zinc	66	0.78	16.0	63.3	EDB	20	09/12/06 22:02

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

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Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-007-013-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0033	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0075	0.026	0.026		1	09/14/06 11:47

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-008-015-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0024	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	76.9	13500	D	10	09/11/06 23:51
Antimony	121	0.13	0.77	0.13	UND	10	09/11/06 23:51
Barium	137	0.18	3.8	77.4	DB	10	09/11/06 23:51
Cadmium	110	0.11	0.38	0.18	JD	10	09/11/06 23:51
Chromium	52	0.22	1.5	20.4	EDB	10	09/11/06 23:51
Cobalt	59	0.013	0.38	12.1	D	10	09/11/06 23:51
Copper	65	0.15	1.5	10.2	D	10	09/11/06 23:51
Iron	56	2.5	38.5	19900	D	10	09/11/06 23:51
Lead	208	0.061	1.5	9.1	D	10	09/11/06 23:51
Magnesium	25	1.4	76.9	696	D	10	09/11/06 23:51
Manganese	55	0.044	1.5	515	DB	10	09/11/06 23:51
Molybdenum	95	0.22	3.8	0.29	JD	10	09/11/06 23:51
Nickel	60	0.068	0.77	7.6	D	10	09/11/06 23:51
Strontium	88	0.071	1.5	3.5	D	10	09/11/06 23:51
Titanium	47	0.23	1.5	317	D	10	09/11/06 23:51
Zinc	66	0.38	7.7	22.6	EDB	10	09/11/06 23:51

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-008-015-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0024	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0074	0.026	0.028		1	09/14/06 11:51

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-009-019-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5012	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	82.6	36900	D	10	09/11/06 23:57
Antimony	121	0.14	0.83	0.14	UND	10	09/11/06 23:57
Arsenic	75	0.50	4.1	1.6	JD	10	09/11/06 23:57
Barium	137	0.19	4.1	142	DB	10	09/11/06 23:57
Beryllium	9	0.026	0.17	0.74	D	10	09/11/06 23:57
Cadmium	110	0.12	0.41	0.85	D	10	09/11/06 23:57
Calcium	44	4.6	826	8060	D	10	09/11/06 23:57
Chromium	52	0.23	1.7	100	EDB	10	09/11/06 23:57
Cobalt	59	0.014	0.41	45.8	D	10	09/11/06 23:57
Copper	65	0.33	3.3	134	DB	20	09/12/06 22:08
Iron	56	2.6	41.3	76000	D	10	09/11/06 23:57
Lead	208	0.065	1.7	2.7	D	10	09/11/06 23:57
Magnesium	25	1.5	82.6	12000	D	10	09/11/06 23:57
Manganese	55	0.047	1.7	1290	DB	10	09/11/06 23:57
Molybdenum	95	0.24	4.1	0.40	JD	10	09/11/06 23:57
Nickel	60	0.073	0.83	44.2	D	10	09/11/06 23:57
Potassium	39	1.7	826	568	JND	10	09/11/06 23:57
Selenium	82	0.80	4.1	1.0	JD	10	09/11/06 23:57
Silver	107	0.016	0.25	0.13	JDB	10	09/11/06 23:57
Sodium	23	7.8	826	483	JD	10	09/11/06 23:57
Strontium	88	0.076	1.7	52.4	D	10	09/11/06 23:57
Thallium	203	0.14	1.7	0.14	UD	10	09/11/06 23:57
Titanium	47	0.50	3.3	4610	D	20	09/12/06 22:08
Vanadium	51	2.1	8.3	244	D	10	09/11/06 23:57
Zinc	66	0.40	8.3	81.2	EDB	10	09/11/06 23:57

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-009-019-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5012	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0074	0.026	0.049		1	09/14/06 11:58

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-010-020-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0001	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.062	1.6	45.5	D	10	09/12/06 0:04

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-011-021-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0008	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.12	3.1	6.4	D	20	09/12/06 22:20

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-012-017-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1004	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.3	84.0	21500	D	10	09/12/06 0:29
Antimony	121	0.14	0.84	0.14	UND	10	09/12/06 0:29
Barium	137	0.19	4.2	177	DB	10	09/12/06 0:29
Cadmium	110	0.12	0.42	0.43	D	10	09/12/06 0:29
Chromium	52	0.24	1.7	26.8	EDB	10	09/12/06 0:29
Cobalt	59	0.014	0.42	11.5	D	10	09/12/06 0:29
Copper	65	0.17	1.7	26.3	D	10	09/12/06 0:29
Iron	56	2.7	42.0	37400	D	10	09/12/06 0:29
Lead	208	0.066	1.7	11.2	D	10	09/12/06 0:29
Magnesium	25	1.5	84.0	5080	D	10	09/12/06 0:29
Manganese	55	0.048	1.7	284	DB	10	09/12/06 0:29
Molybdenum	95	0.24	4.2	0.40	JD	10	09/12/06 0:29
Nickel	60	0.074	0.84	20.8	D	10	09/12/06 0:29
Strontium	88	0.077	1.7	20.1	D	10	09/12/06 0:29
Titanium	47	0.25	1.7	662	D	10	09/12/06 0:29
Zinc	66	0.41	8.4	82.4	EDB	10	09/12/06 0:29

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-012-017-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1004	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0072	0.025	0.035		1	09/14/06 12:00

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-013-024-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5008	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.6	18800	D	10	09/12/06 0:35
Antimony	121	0.14	0.81	0.14	UND	10	09/12/06 0:35
Arsenic	75	0.49	4.0	3.3	JD	10	09/12/06 0:35
Barium	137	0.19	4.0	154	DB	10	09/12/06 0:35
Beryllium	9	0.026	0.16	0.43	D	10	09/12/06 0:35
Cadmium	110	0.11	0.40	0.13	JD	10	09/12/06 0:35
Calcium	44	4.5	806	1940	D	10	09/12/06 0:35
Chromium	52	0.23	1.6	18.8	EDB	10	09/12/06 0:35
Cobalt	59	0.014	0.40	9.3	D	10	09/12/06 0:35
Copper	65	0.16	1.6	12.3	D	10	09/12/06 0:35
Iron	56	2.6	40.3	19300	D	10	09/12/06 0:35
Lead	208	0.064	1.6	8.8	D	10	09/12/06 0:35
Magnesium	25	1.5	80.6	1220	D	10	09/12/06 0:35
Manganese	55	0.046	1.6	998	DB	10	09/12/06 0:35
Molybdenum	95	0.23	4.0	0.30	JD	10	09/12/06 0:35
Nickel	60	0.071	0.81	7.4	D	10	09/12/06 0:35
Potassium	39	1.6	806	1110	ND	10	09/12/06 0:35
Selenium	82	0.78	4.0	0.78	UD	10	09/12/06 0:35
Silver	107	0.015	0.24	0.035	JDB	10	09/12/06 0:35
Sodium	23	7.6	806	29.7	JD	10	09/12/06 0:35
Strontium	88	0.074	1.6	14.5	D	10	09/12/06 0:35
Thallium	203	0.14	1.6	0.27	JD	10	09/12/06 0:35
Titanium	47	0.24	1.6	381	D	10	09/12/06 0:35
Vanadium	51	2.0	8.1	45.3	D	10	09/12/06 0:35
Zinc	66	0.40	8.1	31.9	EDB	10	09/12/06 0:35

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-013-024-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5008	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0080	0.028	0.036		1	09/14/06 12:02

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-014-025-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5009	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.2	80.6	19400	D	10	09/12/06 0:41
Antimony	121	0.14	0.81	0.14	UND	10	09/12/06 0:41
Arsenic	75	0.49	4.0	7.2	D	10	09/12/06 0:41
Barium	137	0.19	4.0	99.1	DB	10	09/12/06 0:41
Beryllium	9	0.026	0.16	0.71	D	10	09/12/06 0:41
Cadmium	110	0.11	0.40	0.21	JD	10	09/12/06 0:41
Calcium	44	4.5	806	1740	D	10	09/12/06 0:41
Chromium	52	0.23	1.6	28.7	EDB	10	09/12/06 0:41
Cobalt	59	0.014	0.40	15.7	D	10	09/12/06 0:41
Copper	65	0.16	1.6	20.8	D	10	09/12/06 0:41
Iron	56	2.6	40.3	35000	D	10	09/12/06 0:41
Lead	208	0.064	1.6	7.5	D	10	09/12/06 0:41
Magnesium	25	1.5	80.6	2250	D	10	09/12/06 0:41
Manganese	55	0.046	1.6	668	DB	10	09/12/06 0:41
Molybdenum	95	0.23	4.0	0.37	JD	10	09/12/06 0:41
Nickel	60	0.071	0.81	10.7	D	10	09/12/06 0:41
Potassium	39	1.6	806	1600	ND	10	09/12/06 0:41
Selenium	82	0.78	4.0	0.78	UD	10	09/12/06 0:41
Silver	107	0.015	0.24	0.031	JDB	10	09/12/06 0:41
Sodium	23	7.6	806	35.8	JD	10	09/12/06 0:41
Strontium	88	0.074	1.6	20.2	D	10	09/12/06 0:41
Thallium	203	0.14	1.6	0.15	JD	10	09/12/06 0:41
Titanium	47	0.24	1.6	292	D	10	09/12/06 0:41
Vanadium	51	2.0	8.1	55.6	D	10	09/12/06 0:41
Zinc	66	0.40	8.1	39.8	EDB	10	09/12/06 0:41

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-014-025-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5009	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0087	0.030	0.026	J	1	09/14/06 12:04

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-015-022-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5010	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.1	79.4	19700	D	10	09/12/06 0:47
Antimony	121	0.13	0.79	0.14	JND	10	09/12/06 0:47
Arsenic	75	0.48	4.0	5.8	D	10	09/12/06 0:47
Barium	137	0.18	4.0	117	DB	10	09/12/06 0:47
Beryllium	9	0.025	0.16	0.67	D	10	09/12/06 0:47
Cadmium	110	0.11	0.40	0.20	JD	10	09/12/06 0:47
Calcium	44	4.4	794	1350	D	10	09/12/06 0:47
Chromium	52	0.22	1.6	30.8	EDB	10	09/12/06 0:47
Cobalt	59	0.013	0.40	11.8	D	10	09/12/06 0:47
Copper	65	0.16	1.6	15.2	D	10	09/12/06 0:47
Iron	56	2.5	39.7	26600	D	10	09/12/06 0:47
Lead	208	0.063	1.6	17.2	D	10	09/12/06 0:47
Magnesium	25	1.4	79.4	2250	D	10	09/12/06 0:47
Manganese	55	0.045	1.6	623	DB	10	09/12/06 0:47
Molybdenum	95	0.23	4.0	0.40	JD	10	09/12/06 0:47
Nickel	60	0.070	0.79	10.9	D	10	09/12/06 0:47
Potassium	39	1.6	794	1150	ND	10	09/12/06 0:47
Selenium	82	0.77	4.0	0.77	UD	10	09/12/06 0:47
Silver	107	0.015	0.24	0.026	JDB	10	09/12/06 0:47
Sodium	23	7.5	794	35.0	JD	10	09/12/06 0:47
Strontium	88	0.073	1.6	12.3	D	10	09/12/06 0:47
Thallium	203	0.13	1.6	0.19	JD	10	09/12/06 0:47
Titanium	47	0.24	1.6	645	D	10	09/12/06 0:47
Vanadium	51	2.0	7.9	60.2	D	10	09/12/06 0:47
Zinc	66	0.39	7.9	40.2	EDB	10	09/12/06 0:47

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-015-022-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5010	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0088	0.030	0.041		1	09/14/06 12:06

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-016-023-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5011	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.0	75.8	20400	D	10	09/12/06 0:54
Antimony	121	0.13	0.76	0.16	JND	10	09/12/06 0:54
Arsenic	75	0.46	3.8	5.9	D	10	09/12/06 0:54
Barium	137	0.17	3.8	121	DB	10	09/12/06 0:54
Beryllium	9	0.024	0.15	0.68	D	10	09/12/06 0:54
Cadmium	110	0.11	0.38	0.18	JD	10	09/12/06 0:54
Calcium	44	4.2	758	1360	D	10	09/12/06 0:54
Chromium	52	0.21	1.5	26.8	EDB	10	09/12/06 0:54
Cobalt	59	0.013	0.38	12.1	D	10	09/12/06 0:54
Copper	65	0.15	1.5	15.4	D	10	09/12/06 0:54
Iron	56	2.4	37.9	26700	D	10	09/12/06 0:54
Lead	208	0.060	1.5	17.6	D	10	09/12/06 0:54
Magnesium	25	1.4	75.8	2370	D	10	09/12/06 0:54
Manganese	55	0.043	1.5	643	DB	10	09/12/06 0:54
Molybdenum	95	0.22	3.8	0.42	JD	10	09/12/06 0:54
Nickel	60	0.067	0.76	11.5	D	10	09/12/06 0:54
Potassium	39	1.5	758	1190	ND	10	09/12/06 0:54
Selenium	82	0.73	3.8	0.73	UD	10	09/12/06 0:54
Silver	107	0.014	0.23	0.029	JDB	10	09/12/06 0:54
Sodium	23	7.1	758	36.7	JD	10	09/12/06 0:54
Strontium	88	0.070	1.5	12.4	D	10	09/12/06 0:54
Thallium	203	0.13	1.5	0.17	JD	10	09/12/06 0:54
Titanium	47	0.23	1.5	658	D	10	09/12/06 0:54
Vanadium	51	1.9	7.6	63.4	D	10	09/12/06 0:54
Zinc	66	0.37	7.6	40.8	EDB	10	09/12/06 0:54

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

SW846

URIT Version 4.3.4

GPL Laboratories, LLLP

Sample Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	S 608163-016-023-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5011	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0083	0.029	0.031		1	09/14/06 12:13

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/11/2006 6:03:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	482.00	96						
Antimony	40.0	41.56	104						
Arsenic	40.0	40.86	102						
Barium	40.0	42.02	105						
Beryllium	4.0	4.02	100						
Calcium	5000.0	5017.67	100						
Chromium	40.0	39.68	99						
Cobalt	40.0	40.65	102						
Copper	40.0	40.79	102						
Iron	500.0	510.90	102						
Lead	40.0	41.08	103						
Magnesium	5000.0	4968.00	99						
Manganese	40.0	41.30	103						
Molybdenum	40.0	40.73	102						
Nickel	40.0	41.11	103						
Potassium	5000.0	4972.00	99						
Selenium	40.0	40.08	100						
Silver	40.0	40.54	101						
Sodium	5000.0	4932.33	99						
Strontium	40.0	40.88	102						
Thallium	40.0	41.13	103						
Titanium	40.0	41.19	103						
Vanadium	40.0	42.77	107						
Zinc	40.0	41.93	105						

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Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(Cd) 9/12/2006 5:40:38 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.98	100						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/12/2006 5:34:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	498.30	100						
Antimony	40.0	42.79	107						
Barium	40.0	42.59	106						
Chromium	40.0	40.71	102						
Cobalt	40.0	41.53	104						
Copper	40.0	41.04	103						
Iron	500.0	524.70	105						
Lead	40.0	42.05	105						
Magnesium	5000.0	4962.00	99						
Manganese	40.0	42.50	106						
Molybdenum	40.0	41.55	104						
Nickel	40.0	42.03	105						
Strontium	40.0	41.75	104						
Titanium	40.0	41.88	105						
Zinc	40.0	41.63	104						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(Cd) 9/11/2006 6:08:39 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	4.14	103						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 9/14/2006 11:18:03 AM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.11	104						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/11/2006 6:18:54 PM		CCV2 9/11/2006 7:12:24 PM		CCV3 9/11/2006 8:26:43 PM		CCV4 9/11/2006 9:41:02 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4899.00	98	4629.67	93	4752.33	95	4782.67	96
Antimony	50.0	48.62	97	49.48	99	49.55	99	50.02	100
Arsenic	50.0	49.59	99	50.39	101	49.13	98	48.69	97
Barium	50.0	49.67	99	48.96	98	49.24	98	48.78	98
Beryllium	5.0	5.01	100	4.70	94	4.77	95	4.83	97
Cadmium	50.0	49.47	99	49.73	99	49.31	99	49.41	99
Calcium	10000.0	9800.67	98	9772.67	98	9687.00	97	9764.33	98
Chromium	50.0	49.88	100	49.42	99	49.59	99	49.30	99
Cobalt	50.0	49.88	100	49.78	100	48.59	97	48.83	98
Copper	50.0	49.79	100	49.51	99	48.77	98	48.87	98
Iron	5000.0	4996.67	100	4889.00	98	4932.33	99	4968.33	99
Lead	50.0	50.24	100	49.89	100	49.54	99	49.88	100
Magnesium	10000.0	9982.00	100	9495.00	95	9753.33	98	9845.67	98
Manganese	50.0	49.55	99	49.55	99	49.24	98	49.69	99
Molybdenum	50.0	50.67	101	50.72	101	49.91	100	49.58	99
Nickel	50.0	50.19	100	49.52	99	48.91	98	48.88	98
Potassium	10000.0	9936.00	99	9518.33	95	9635.00	96	9614.33	96
Selenium	50.0	50.36	101	50.65	101	48.17	96	50.20	100
Silver	50.0	49.43	99	49.26	99	49.44	99	49.23	98
Sodium	10000.0	9943.67	99	9607.67	96	9746.00	97	10046.33	100
Strontium	50.0	50.08	100	49.95	100	50.11	100	49.93	100
Thallium	50.0	51.37	103	50.37	101	50.07	100	50.62	101
Titanium	50.0	50.10	100	50.20	100	50.40	101	48.64	97
Vanadium	50.0	52.07	104	52.23	104	50.51	101	49.56	99
Zinc	50.0	50.09	100	50.07	100	49.83	100	50.39	101

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/11/2006 11:01:30 PM		CCV6 9/12/2006 12:16:56 AM		CCV7 9/12/2006 1:18:41 AM			
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4795.00	96	4900.33	98	4627.00	93		
Antimony	50.0	50.20	100	49.58	99	49.92	100		
Arsenic	50.0	49.63	99	50.13	100	49.45	99		
Barium	50.0	48.76	98	49.30	99	49.08	98		
Beryllium	5.0	4.68	94	4.82	96	4.70	94		
Cadmium	50.0	48.83	98	49.49	99	49.06	98		
Calcium	10000.0	9682.33	97	9756.67	98	9770.67	98		
Chromium	50.0	48.94	98	50.52	101	48.77	98		
Cobalt	50.0	48.61	97	50.42	101	49.06	98		
Copper	50.0	49.19	98	50.63	101	48.98	98		
Iron	5000.0	4910.00	98	5007.00	100	4848.00	97		
Lead	50.0	49.26	99	50.02	100	49.15	98		
Magnesium	10000.0	9774.33	98	9861.33	99	9589.33	96		
Manganese	50.0	49.05	98	49.93	100	48.49	97		
Molybdenum	50.0	49.09	98	49.72	99	50.47	101		
Nickel	50.0	48.57	97	50.32	101	49.18	98		
Potassium	10000.0	9615.33	96	9805.33	98	9358.33	94		
Selenium	50.0	50.72	101	49.94	100	50.63	101		
Silver	50.0	48.66	97	49.27	99	49.18	98		
Sodium	10000.0	9834.00	98	9734.33	97	9683.00	97		
Strontium	50.0	49.25	99	49.85	100	49.86	100		
Thallium	50.0	49.69	99	50.20	100	48.98	98		
Titanium	50.0	49.06	98	50.27	101	48.84	98		
Vanadium	50.0	50.12	100	51.72	103	51.31	103		
Zinc	50.0	49.24	98	51.00	102	49.93	100		

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/12/2006 5:52:57 PM		CCV2 9/12/2006 6:56:35 PM		CCV3 9/12/2006 8:18:10 PM		CCV4 9/12/2006 9:31:49 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4970.00	99	4828.00	97	4942.33	99	5022.67	100
Antimony	50.0	51.28	103	51.58	103	51.89	104	52.04	104
Barium	50.0	50.67	101	50.56	101	50.74	101	51.04	102
Cadmium	50.0	49.73	99	49.87	100	50.98	102	50.11	100
Chromium	50.0	49.90	100	49.78	100	51.10	102	51.37	103
Cobalt	50.0	49.23	98	49.05	98	50.22	100	49.76	100
Copper	50.0	49.68	99	49.41	99	50.09	100	49.59	99
Iron	5000.0	5060.67	101	4956.33	99	5111.00	102	5147.67	103
Lead	50.0	50.28	101	49.13	98	50.41	101	50.81	102
Magnesium	10000.0	9679.33	97	9427.00	94	9696.67	97	9813.33	98
Manganese	50.0	50.26	101	49.86	100	50.48	101	51.39	103
Molybdenum	50.0	50.55	101	51.06	102	51.50	103	51.12	102
Nickel	50.0	49.11	98	49.50	99	49.97	100	49.62	99
Strontium	50.0	50.84	102	50.15	100	50.76	102	51.11	102
Titanium	50.0	49.75	100	49.82	100	51.31	103	50.41	101
Zinc	50.0	49.01	98	48.42	97	48.27	97	48.80	98

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/12/2006 10:45:28 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5029.00	101						
Antimony	50.0	52.20	104						
Barium	50.0	51.07	102						
Cadmium	50.0	50.34	101						
Chromium	50.0	51.08	102						
Cobalt	50.0	49.64	99						
Copper	50.0	49.37	99						
Iron	5000.0	5098.00	102						
Lead	50.0	50.73	101						
Magnesium	10000.0	9809.33	98						
Manganese	50.0	50.93	102						
Molybdenum	50.0	50.82	102						
Nickel	50.0	50.13	100						
Strontium	50.0	50.97	102						
Titanium	50.0	50.71	101						
Zinc	50.0	48.50	97						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 9/14/2006 11:24:40 AM		Ck5 CCV2 9/14/2006 11:53:41 AM		Ck5 CCV3 9/14/2006 12:20:40 PM			
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.09	102	5.06	101	5.09	102		

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/11/2006 6:29:14 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	95.24	95						
Antimony	1.0	1.13	113						
Arsenic	5.0	5.08	102						
Barium	5.0	5.22	104						
Beryllium	0.2	0.20	99						
Cadmium	0.5	0.57	113						
Calcium	1000.0	993.60	99						
Chromium	2.0	2.21	111						
Copper	2.0	2.12	106						
Iron	50.0	46.55	93						
Lead	2.0	1.94	97						
Magnesium	100.0	102.90	103						
Manganese	2.0	2.08	104						
Molybdenum	5.0	5.04	101						
Nickel	1.0	1.09	109						
Potassium	1000.0	970.23	97						
Selenium	5.0	4.72	94						
Silver	0.3	0.32	106						
Sodium	1000.0	966.57	97						
Strontium	2.0	1.99	100						
Thallium	2.0	2.01	101						
Titanium	2.0	1.96	98						
Vanadium	10.0	11.07	111						
Zinc	10.0	11.29	113						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL(CoZr) 9/11/2006 6:35:23 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cobalt	0.5	0.51	102						

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/12/2006 6:03:16 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.23	102						
Antimony	1.0	1.18	118						
Barium	5.0	5.17	103						
Cadmium	0.5	0.53	106						
Chromium	2.0	2.22	111						
Copper	2.0	2.14	107						
Iron	50.0	48.55	97						
Lead	2.0	1.99	100						
Magnesium	100.0	101.41	101						
Manganese	2.0	2.07	104						
Molybdenum	5.0	5.14	103						
Nickel	1.0	1.04	104						
Strontium	2.0	1.94	97						
Titanium	2.0	1.94	97						
Zinc	10.0	10.01	100						

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL(CoZr) 9/12/2006 6:08:26 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cobalt	0.5	0.55	111						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck4 CRA 9/14/2006 11:22:29 AM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.19	93						

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP
Initial Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/11/2006 6:13:47 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U						
Antimony	1.00	0.17	U						
Arsenic	5.00	0.61	U						
Barium	5.00	0.23	U						
Beryllium	0.20	0.03	U						
Cadmium	0.50	0.14	U						
Calcium	1000.00	5.60	U						
Chromium	2.00	0.52	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.06	U						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Potassium	1000.00	2.00	U						
Selenium	5.00	0.97	U						
Silver	0.30	0.02	U						
Sodium	1000.00	9.40	U						
Strontium	2.00	0.09	U						
Thallium	2.00	0.17	U						
Titanium	2.00	0.30	U						
Vanadium	10.00	2.50	U						
Zinc	10.00	0.49	U					-	

GPL Laboratories, LLLP
Initial Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/12/2006 5:46:48 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U						
Antimony	1.00	0.17	U						
Barium	5.00	0.23	U						
Cadmium	0.50	0.14	U						
Chromium	2.00	0.42	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.06	U						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Strontium	2.00	0.09	U						
Titanium	2.00	0.30	U						
Zinc	10.00	0.49	U						

GPL Laboratories, LLLP

Initial Calibration Blanks

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 9/14/2006 11:20:22 AM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U						

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Preparation Blank Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	BLK93679	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93679
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.7	100	4.8	JD	10	09/11/06 22:18
Antimony	121	0.17	1.0	0.17	UND	10	09/11/06 22:18
Arsenic	75	0.61	5.0	0.61	UD	10	09/11/06 22:18
Barium	137	0.23	5.0	0.24	JD	10	09/11/06 22:18
Beryllium	9	0.032	0.20	0.032	UD	10	09/11/06 22:18
Cadmium	110	0.14	0.50	0.14	UD	10	09/11/06 22:18
Calcium	44	5.6	1000	34.8	JD	10	09/11/06 22:18
Chromium	52	0.28	2.0	1.0	JED	10	09/11/06 22:18
Cobalt	59	0.017	0.50	0.017	UD	10	09/11/06 22:18
Copper	65	0.20	2.0	0.20	UD	10	09/11/06 22:18
Iron	56	3.2	50.0	3.2	UD	10	09/11/06 22:18
Lead	208	0.079	2.0	0.079	UD	10	09/11/06 22:18
Magnesium	25	1.8	100	10.8	JD	10	09/11/06 22:18
Manganese	55	0.057	2.0	0.084	JD	10	09/11/06 22:18
Molybdenum	95	0.29	5.0	0.29	UD	10	09/11/06 22:18
Nickel	60	0.088	1.0	0.21	JD	10	09/11/06 22:18
Potassium	39	2.0	1000	2.0	UND	10	09/11/06 22:18
Selenium	82	0.97	5.0	0.97	UD	10	09/11/06 22:18
Silver	107	0.019	0.30	0.019	UD	10	09/11/06 22:18
Sodium	23	9.4	1000	9.4	UD	10	09/11/06 22:18
Strontium	88	0.092	2.0	0.21	JD	10	09/11/06 22:18
Thallium	203	0.17	2.0	0.17	UD	10	09/11/06 22:18
Titanium	47	0.30	2.0	0.30	UD	10	09/11/06 22:18
Vanadium	51	2.5	10.0	2.5	UD	10	09/11/06 22:18
Zinc	66	0.49	10.0	3.0	JED	10	09/11/06 22:18

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Preparation Blank Results

Project:	608163	Matrix:	Soil
Lab Sample ID:	BLK93732	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93732
Analysis Method:	Mercury (7471A, Cold Vapor)	Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.0097	0.033	0.0097	U	1	09/14/06 11:28

U = The analyte concentration was less than the MDL

J = Reported value was less than the CRQL but greater than or equal to the MDL

URIT Version 4.3.4

SW846

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/11/2006 6:24:01 PM		CCB2 9/11/2006 7:18:37 PM		CCB3 9/11/2006 8:32:54 PM		CCB4 9/11/2006 9:47:13 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	7.35	J	2.70	U
Antimony	1.00	0.17	U	0.17	U	0.17	U	0.17	U
Arsenic	5.00	0.61	U	0.61	U	0.61	U	0.61	U
Barium	5.00	0.23	U	0.23	U	0.23	U	0.23	U
Beryllium	0.20	0.03	U	0.03	U	0.03	U	0.03	U
Cadmium	0.50	0.14	U	0.14	U	0.14	U	0.14	U
Calcium	1000.00	5.60	U	5.60	U	9.64	J	5.60	U
Chromium	2.00	0.28	U	0.87	J	0.86	J	0.96	J
Cobalt	0.50	0.02	U	0.02	U	0.16	J	0.02	J
Copper	2.00	0.20	U	0.20	U	0.20	U	0.20	U
Iron	50.00	3.20	U	3.20	U	21.14	J	3.20	U
Lead	2.00	0.08	U	0.08	U	0.31	J	0.08	U
Magnesium	100.00	1.80	U	1.80	U	7.35	J	1.93	J
Manganese	2.00	0.06	U	0.06	U	0.24	J	0.07	J
Molybdenum	5.00	0.29	U	0.29	U	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.15	J	0.09	U
Potassium	1000.00	2.00	U	2.00	U	5.23	J	2.00	U
Selenium	5.00	0.97	U	0.97	U	0.97	U	0.97	U
Silver	0.30	0.02	U	0.02	U	0.03	J	0.02	U
Sodium	1000.00	9.40	U	9.40	U	12.88	J	9.40	U
Strontium	2.00	0.09	U	0.09	U	0.17	J	0.09	U
Thallium	2.00	0.17	U	0.19	J	0.17	U	0.17	U
Titanium	2.00	0.30	U	0.30	U	0.32	J	0.30	U
Vanadium	10.00	2.50	U	2.50	U	2.50	U	2.50	U
Zinc	10.00	0.49	U	0.49	U	0.49	U	0.49	U

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/11/2006 11:07:41 PM		CCB6 9/12/2006 12:23:04 AM		CCB7 9/12/2006 1:24:51 AM			
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U		
Antimony	1.00	0.17	U	0.17	U	0.17	U		
Arsenic	5.00	0.61	U	0.61	U	0.61	U		
Barium	5.00	0.23	U	0.23	U	0.23	U		
Beryllium	0.20	0.03	U	0.03	U	0.03	U		
Cadmium	0.50	0.14	U	0.14	U	0.14	U		
Calcium	1000.00	5.60	U	5.60	U	5.60	U		
Chromium	2.00	0.85	J	0.97	J	0.28	U		
Cobalt	0.50	0.02	J	0.02	J	0.02	J		
Copper	2.00	0.20	U	0.20	U	0.20	U		
Iron	50.00	4.26	J	5.68	J	3.24	J		
Lead	2.00	0.08	U	0.08	U	0.08	U		
Magnesium	100.00	2.09	J	2.19	J	2.55	J		
Manganese	2.00	0.08	J	0.09	J	0.07	J		
Molybdenum	5.00	0.29	U	0.29	U	0.29	U		
Nickel	1.00	0.09	U	0.09	U	0.09	U		
Potassium	1000.00	2.00	U	2.00	U	2.00	U		
Selenium	5.00	0.97	U	0.97	U	0.97	U		
Silver	0.30	0.02	U	0.02	U	0.02	U		
Sodium	1000.00	9.40	U	9.40	U	9.40	U		
Strontium	2.00	0.09	U	0.09	U	0.09	U		
Thallium	2.00	0.17	U	0.17	U	0.20	J		
Titanium	2.00	0.30	U	0.30	U	0.30	U		
Vanadium	10.00	2.50	U	2.50	U	2.50	U		
Zinc	10.00	0.49	U	0.49	U	0.49	U		

URIT Version 4.3.4

SW846

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Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/12/2006 5:58:06 PM		CCB2 9/12/2006 7:01:48 PM		CCB3 9/12/2006 8:24:18 PM		CCB4 9/12/2006 9:37:57 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U	2.70	U
Antimony	1.00	0.17	U	0.17	U	0.17	U	0.17	U
Barium	5.00	0.23	U	0.23	U	0.23	U	0.23	U
Cadmium	0.50	0.14	U	0.14	U	0.14	U	0.14	U
Chromium	2.00	0.28	U	0.33	J	0.92	J	0.92	J
Cobalt	0.50	0.02	U	0.03	J	0.02	U	0.02	U
Copper	2.00	0.20	U	0.20	U	0.20	U	0.20	U
Iron	50.00	3.20	U	3.20	U	3.20	U	3.20	U
Lead	2.00	0.08	U	0.08	U	0.08	U	0.08	U
Magnesium	100.00	1.80	U	1.80	U	1.80	U	1.80	U
Manganese	2.00	0.06	U	0.06	U	0.06	U	0.07	J
Molybdenum	5.00	0.29	U	0.29	U	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.09	U	0.09	U
Strontium	2.00	0.09	U	0.09	U	0.09	U	0.09	U
Titanium	2.00	0.30	U	0.50	J	0.30	U	0.30	U
Zinc	10.00	0.49	U	0.49	U	0.49	U	3.15	J

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SW846

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Continuing Calibration Blanks

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/12/2006 10:51:36 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	3.18	J						
Antimony	1.00	0.17	U						
Barium	5.00	0.23	U						
Cadmium	0.50	0.14	U						
Chromium	2.00	0.56	J						
Cobalt	0.50	0.02	U						
Copper	2.00	0.20	U						
Iron	50.00	3.20	U						
Lead	2.00	0.08	U						
Magnesium	100.00	1.80	U						
Manganese	2.00	0.08	J						
Molybdenum	5.00	0.29	U						
Nickel	1.00	0.09	U						
Strontium	2.00	0.09	U						
Titanium	2.00	0.30	U						
Zinc	10.00	3.26	J						

URIT Version 4.3.4

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Continuing Calibration Blanks

Project:	608163	Instrument:	7471H
Units:	ug/L	Data File Name:	Hg060914.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 9/14/2006 11:26:48 AM		Ck6 CCB2 9/14/2006 11:56:07 AM		Ck6 CCB3 9/14/2006 12:23:07 PM			
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U		

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SW846

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Interference Check Standards

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P. /AB.ST.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/11/06 18:41	%R	ICSAB 09/11/06 18:47	%R		%R		%R
Aluminum	100		100000	97800	98	94500	95				
Antimony	1		20	0.20		19.1	95				
Arsenic	5		20	0.40		18.3	91				
Barium	5		20	0.52		20.8	104				
Beryllium	0.2		20	0.0027		17.5	88				
Cadmium	0.5		20	-0.094		17.3	87				
Calcium	1000		300000	305000	102	304000	101				
Chromium	2		20	0.19		18.9	94				
Cobalt	0.5		20	0.36		18.8	94				
Copper	2		20	1.2		18.0	90				
Iron	50		250000	242000	97	239000	96				
Lead	2		20	0.14		21.3	107				
Magnesium	100		100000	101000	101	97900	98				
Manganese	2		20	0.28		19.6	98				
Molybdenum	5		2000	2020	101	2010	100				
Nickel	1		20	1.7		19.0	95				
Potassium	1000		100000	99800	100	98000	98				
Selenium	5		20	0.56		17.6	88				
Silver	0.3		20	0.098		17.4	87				
Sodium	1000		250000	266000	106	261000	105				
Strontium	2		20	4.3		24.7	124				
Thallium	2		20	0.10		21.0	105				
Titanium	2		2000	2120		2090	105				
Vanadium	10		20	0.18		20.3	102				
Zinc	10		20	2.6		19.4	97				

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Interference Check Standards

Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060912MS.csv
Standard Source:	H.P. / ABST.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/12/06 18:13	%R	ICSAB 09/12/06 18:18	%R		%R		%R
Aluminum	100		100000	101000	101	97400	97				
Antimony	1		20	0.18		19.2	96				
Barium	5		20	0.41		20.7	103				
Cadmium	0.5		20	-0.089		17.2	86				
Chromium	2		20	1.3		20.5	103				
Cobalt	0.5		20	0.080		18.7	94				
Copper	2		20	0.93		17.9	89				
Iron	50		250000	244000	98	242000	97				
Lead	2		20	0.14		21.8	109				
Magnesium	100		100000	99100	99	95400	95				
Manganese	2		20	0.018		19.6	98				
Molybdenum	5		2000	2020	101	2040	102				
Nickel	1		20	0.38		18.4	92				
Strontium	2		20	4.2		25.4	127				
Titanium	2		2000	2130		2130	106				
Zinc	10		20	2.0		18.6	93				

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Matrix Spike Recovery

Client ID:	NWO-017-0034 MS	Lab Sample ID:	SP608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:36		Sample Result 09/11/06 22:30		Spike Added	%R
Aluminum	26825.40		19485.09		793.65	925
Antimony	2.21		0.19	J	7.94	25
Arsenic	12.40		5.35		7.94	89
Barium	238.97		153.77		79.37	107
Beryllium	4.65		0.92		3.97	94
Cadmium	7.92		0.23	J	7.94	97
Calcium	1885.19		1028.73		793.65	108
Chromium	66.53		25.39		39.68	104
Cobalt	50.75		14.39		39.68	92
Copper	51.03		14.47		39.68	92
Iron	27679.89		25241.19		793.65	307
Lead	92.67		14.33		79.37	99
Magnesium	4286.24		3350.41		793.65	118
Manganese	885.45		832.79		79.37	66
Molybdenum	33.49		0.26	J	39.68	84
Nickel	51.96		13.55		39.68	97
Potassium	2438.10		1388.89		793.65	132
Selenium	6.82		0.79	U	7.94	86
Silver	7.44		0.03	J	7.94	93
Sodium	858.99		47.15	J	793.65	102
Strontium	87.17		17.68		79.37	88
Thallium	8.11		0.23	J	7.94	99
Titanium	1009.79		799.51		158.73	132
Vanadium	107.86		64.69		39.68	109
Zinc	116.35		44.57		79.37	90

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Matrix Spike Recovery

Client ID:	NWO-017-5010 MS	Lab Sample ID:	SP608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 12:09	Sample Result 09/14/06 12:06	Spike Added	%R
Mercury	0.50	0.04	0.46	99

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-0034 MSD	Lab Sample ID:	SD608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:42		Sample Result 09/11/06 22:30		Spike Added	%R
Aluminum	28569.97		19485.09		763.36	1190
Antimony	2.16		0.19	J	7.63	26
Arsenic	12.30		5.35		7.63	91
Barium	240.00		153.77		76.34	113
Beryllium	4.74		0.92		3.82	100
Cadmium	7.55		0.23	J	7.63	96
Calcium	1904.33		1028.73		763.36	115
Chromium	64.15		25.39		38.17	102
Cobalt	51.12		14.39		38.17	96
Copper	50.94		14.47		38.17	96
Iron	27679.39		25241.19		763.36	319
Lead	92.11		14.33		76.34	102
Magnesium	4482.19		3350.41		763.36	148
Manganese	893.38		832.79		76.34	79
Molybdenum	32.96		0.26	J	38.17	86
Nickel	52.17		13.55		38.17	101
Potassium	2515.01		1388.89		763.36	148
Selenium	6.57		0.79	U	7.63	86
Silver	7.31		0.03	J	7.63	95
Sodium	846.56		47.15	J	763.36	105
Strontium	85.78		17.68		76.34	89
Thallium	7.99		0.23	J	7.63	102
Titanium	1029.26		799.51		152.67	150
Vanadium	105.83		64.69		38.17	108
Zinc	115.70		44.57		76.34	93

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5010 MSD	Lab Sample ID:	SD608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 12:11	Sample Result 09/14/06 12:06	Spike Added	%R
Mercury	0.45	0.04	0.43	95

URIT Version 4.3.4

SW846

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Post Digestion Spike Recovery

Client ID:	NWO-017-0034	Lab Sample ID:	PS608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:49		Sample Result 09/11/06 22:30		Spike Added	%R
Antimony	77.72		0.23	J	80	97
Potassium	6319.33		1708.33		5000	92

URIT Version 4.3.4

SW846

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Duplicates RPD

Client ID:	NWO-017-0034 MSD	Lab Sample ID:	SD608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	mg/kg	Data File Name:	060911MS.csv

Analyte	Matrix Spike ~~Original Sample~~ Results RA 10-12		Matrix Spike Duplicate Sample Results		RPD	Control Limit	Q
Aluminum	26825.40		28569.97		6	20	D
Antimony	2.21		2.16		2	20	ND
Arsenic	12.40		12.30		1	20	D
Barium	238.97		240.00		0	20	D
Beryllium	4.65		4.74		2	20	D
Cadmium	7.92		7.55		5	20	D
Calcium	1885.19		1904.33		1	20	D
Chromium	66.53		64.15		4	20	ED
Cobalt	50.75		51.12		1	20	D
Copper	51.03		50.94		0	20	D
Iron	27679.89		27679.39		0	20	D
Lead	92.67		92.11		1	20	D
Magnesium	4286.24		4482.19		4	20	D
Manganese	885.45		893.38		1	20	D
Molybdenum	33.49		32.96		2	20	D
Nickel	51.96		52.17		0	20	D
Potassium	2438.10		2515.01		3	20	ND
Selenium	6.82		6.57		4	20	D
Silver	7.44		7.31		2	20	D
Sodium	858.99		846.56		1	20	D
Strontium	87.17		85.78		2	20	D
Thallium	8.11		7.99		1	20	D
Titanium	1009.79		1029.26		2	20	D
Vanadium	107.86		105.83		2	20	D
Zinc	116.35		115.70		1	20	ED

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Duplicates RPD

Client ID:	NWO-017-5010 MSD	Lab Sample ID:	SD608163-015-022-1/1
Project:	608163	Instrument:	7471H
Units:	mg/kg	Data File Name:	Hg060914.PRN

Analyte	Matrix Spike ~~Original~~ Sample Results RA 10-12	Matrix Spike Duplicate Sample Results	RPD	Control Limit	Q
Mercury	0.50	0.45	9	20	

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SW846

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Laboratory Control Sample

Project:	608163	Lab Sample ID:	BKS93679
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060911MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/11/06 22:24		Spike Added	%R
Aluminum	944.43		1000.00	94
Antimony	9.85		10.00	98
Arsenic	10.16		10.00	102
Barium	102.23		100.00	102
Beryllium	4.62		5.00	92
Cadmium	10.23		10.00	102
Calcium	1128.00		1000.00	113
Chromium	52.67		50.00	105
Cobalt	50.51		50.00	101
Copper	50.91		50.00	102
Iron	1006.33		1000.00	101
Lead	101.67		100.00	102
Magnesium	1015.00		1000.00	102
Manganese	102.13		100.00	102
Molybdenum	50.64		50.00	101
Nickel	50.94		50.00	102
Potassium	951.43	J	1000.00	95
Selenium	10.42		10.00	104
Silver	10.20		10.00	102
Sodium	983.50	J	1000.00	98
Strontium	103.67		100.00	104
Thallium	10.29		10.00	103
Titanium	205.77		200.00	103
Vanadium	52.05		50.00	104
Zinc	102.20		100.00	102

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Laboratory Control Sample

Project:	608163	Lab Sample ID:	BKS93732
Units:	mg/kg	Instrument:	7471H
		Data File Name:	Hg060914.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/14/06 11:31	Spike Added	%R
Mercury	0.49	0.50	99

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Serial Dilutions

Client ID:	NWO-017-0034	Lab Sample ID:	SE608163-001-001-1/2
Project:	608163	Instrument:	3050X
Units:	ug/L	Data File Name:	060911MS.csv

Analyte	Sample Result 09/11/06 22:30		Serial Dilution Result 09/11/06 22:55		Percent Difference	Flag
Aluminum	23966.67		23101.67		4	
Antimony	0.23	J	0.85	U	100	
Arsenic	6.58		8.48	J	29	
Barium	189.13		183.60		3	
Beryllium	1.13		1.07		6	
Cadmium	0.28	J	0.70	U	100	
Calcium	1265.33		1246.50	J	1	
Chromium	31.23		37.64		21	E
Cobalt	17.70		18.25		3	
Copper	17.80		18.63		5	
Iron	31046.67		30610.00		1	
Lead	17.62		16.79		5	
Magnesium	4121.00		4063.00		1	
Manganese	1024.33		1017.50		1	
Molybdenum	0.32	J	1.45	U	100	
Nickel	16.66		17.71		6	
Potassium	1708.33		1613.17	J	6	
Selenium	0.97	U	4.85	U		
Silver	0.04	J	0.10	U	100	
Sodium	58.00	J	57.85	J	0	
Strontium	21.74		23.36		7	
Thallium	0.28	J	1.14	J	306	
Titanium	983.40		977.00		1	
Vanadium	79.57		83.52		5	
Zinc	54.83		69.10		26	E

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Detection Limits

Project: 608163 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Aluminum	27	100	2.7	04/14/06
Antimony	121	1.0	0.17	04/14/06
Arsenic	75	5.0	0.61	04/14/06
Barium	137	5.0	0.23	04/14/06
Beryllium	9	0.20	0.032	04/14/06
Cadmium	110	0.50	0.14	04/14/06
Calcium	44	1000	5.6	04/14/06
Chromium	52	2.0	0.28	04/14/06
Cobalt	59	0.50	0.017	04/14/06
Copper	65	2.0	0.20	04/14/06
Iron	56	50.0	3.2	04/14/06
Lead	208	2.0	0.079	04/14/06
Magnesium	25	100	1.8	04/14/06
Manganese	55	2.0	0.057	04/14/06
Molybdenum	95	5.0	0.29	04/14/06
Nickel	60	1.0	0.088	04/14/06
Potassium	39	1000	2.0	04/14/06
Selenium	82	5.0	0.97	04/14/06
Silver	107	0.30	0.019	04/14/06
Sodium	23	1000	9.4	04/14/06
Strontium	88	2.0	0.092	04/14/06
Thallium	203	2.0	0.17	04/14/06
Titanium	47	2.0	0.30	04/14/06
Vanadium	51	10.0	2.5	04/14/06
Zinc	66	10.0	0.49	04/14/06

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Detection Limits

Project: 608163 Instrument: 7471H

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Mercury	253.7	0.20	0.058	08/10/06

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Linear Dynamic Ranges

Project: 608163 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR
Aluminum	27	110000	04/14/06
Antimony	121	550	04/14/06
Arsenic	75	1100	04/14/06
Barium	137	5500	04/14/06
Beryllium	9	275	04/14/06
Cadmium	110	1100	04/14/06
Calcium	44	330000	04/14/06
Chromium	52	5500	04/14/06
Cobalt	59	5500	04/14/06
Copper	65	5500	04/14/06
Iron	56	275000	04/14/06
Lead	208	11000	04/14/06
Magnesium	25	110000	04/14/06
Manganese	55	5500	04/14/06
Molybdenum	95	5500	04/14/06
Nickel	60	4125	04/14/06
Potassium	39	110000	04/14/06
Selenium	82	1100	04/14/06
Silver	107	550	04/14/06
Sodium	23	275000	04/14/06
Strontium	88	6000	04/14/06
Thallium	203	1100	04/14/06
Titanium	47	5500	04/14/06
Vanadium	51	5500	04/14/06
Zinc	66	2750	04/14/06

4/11/06

RA 10-12

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Preparation Log

Project: 608163 Instrument: 3050X

Prep Method: Batch Number: 93679

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93679	BLK93679	09/11/2006	1.00	100
BKS93679	BKS93679	09/11/2006	1.00	100
S 608163-010-020-1/1	NWO-017-0001	09/11/2006	1.28	100
S 608163-011-021-1/1	NWO-017-0008	09/11/2006	1.27	100
S 608163-008-015-1/2	NWO-017-0024	09/11/2006	1.30	100
S 608163-004-007-1/2	NWO-017-0025	09/11/2006	1.35	100
S 608163-007-013-1/2	NWO-017-0033	09/11/2006	1.25	100
S 608163-001-001-1/2	NWO-017-0034	09/11/2006	1.23	100
SP608163-001-001-1/2	NWO-017-0034 MS	09/11/2006	1.26	100
S 608163-003-005-1/2	NWO-017-1002	09/11/2006	1.26	100
S 608163-012-017-1/2	NWO-017-1004	09/11/2006	1.19	100
S 608163-005-009-1/2	NWO-017-1005	09/11/2006	1.20	100
S 608163-006-011-1/2	NWO-017-1006	09/11/2006	1.25	100
S 608163-002-003-1/2	NWO-017-1007	09/11/2006	1.23	100
S 608163-013-024-1/1	NWO-017-5008	09/11/2006	1.24	100
S 608163-014-025-1/1	NWO-017-5009	09/11/2006	1.24	100
S 608163-015-022-1/1	NWO-017-5010	09/11/2006	1.26	100
S 608163-016-023-1/1	NWO-017-5011	09/11/2006	1.32	100
S 608163-009-019-1/1	NWO-017-5012	09/11/2006	1.21	100
SD608163-001-001-1/2	NWO-017-0034 MSD	09/11/2006	1.31	100

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Preparation Log

Project: 608163 Instrument: 7471H

Prep Method: Batch Number: 93732

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93732	BLK93732	09/13/2006	0.60	100
BKS93732	BKS93732	09/13/2006	0.60	100
S 608163-008-015-1/2	NWO-017-0024	09/13/2006	0.78	100
S 608163-004-007-1/2	NWO-017-0025	09/13/2006	0.68	100
S 608163-007-013-1/2	NWO-017-0033	09/13/2006	0.77	100
S 608163-001-001-1/2	NWO-017-0034	09/13/2006	0.62	100
S 608163-003-005-1/2	NWO-017-1002	09/13/2006	0.84	100
S 608163-012-017-1/2	NWO-017-1004	09/13/2006	0.80	100
S 608163-005-009-1/2	NWO-017-1005	09/13/2006	0.97	100
S 608163-006-011-1/2	NWO-017-1006	09/13/2006	0.75	100
S 608163-002-003-1/2	NWO-017-1007	09/13/2006	0.79	100
S 608163-013-024-1/1	NWO-017-5008	09/13/2006	0.72	100
S 608163-014-025-1/1	NWO-017-5009	09/13/2006	0.67	100
S 608163-015-022-1/1	NWO-017-5010	09/13/2006	0.66	100
SP608163-015-022-1/1	NWO-017-5010 MS	09/13/2006	0.65	100
S 608163-016-023-1/1	NWO-017-5011	09/13/2006	0.70	100
S 608163-009-019-1/1	NWO-017-5012	09/13/2006	0.78	100
SD608163-015-022-1/1	NWO-017-5010 MSD	09/13/2006	0.69	100

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060911MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/11/06	5:22 PM
STD1		09/11/06	5:27 PM
STD2		09/11/06	5:32 PM
STD7		09/11/06	5:37 PM
STD3		09/11/06	5:42 PM
STD4		09/11/06	5:47 PM
STD5		09/11/06	5:53 PM
STD6		09/11/06	5:58 PM
ICV		09/11/06	6:03 PM
ICV(Cd)		09/11/06	6:08 PM
ICB		09/11/06	6:13 PM
CCV1		09/11/06	6:18 PM
CCB1		09/11/06	6:24 PM
PQL		09/11/06	6:29 PM
PQL(CoZr)		09/11/06	6:35 PM
ICSA		09/11/06	6:41 PM
ICSAB		09/11/06	6:47 PM
CCV2		09/11/06	7:12 PM
CCB2		09/11/06	7:18 PM
CCV3		09/11/06	8:26 PM
CCB3		09/11/06	8:32 PM
CCV4		09/11/06	9:41 PM
CCB4		09/11/06	9:47 PM
BLK93679	BLK93679	09/11/06	10:18 PM
BKS93679	BKS93679	09/11/06	10:24 PM
S 608163-001-001-1/2	NWO-017-0034	09/11/06	10:30 PM
SP608163-001-001-1/2	NWO-017-0034 MS	09/11/06	10:36 PM
SD608163-001-001-1/2	NWO-017-0034 MSD	09/11/06	10:42 PM
PS608163-001-001-1/2	NWO-017-0034	09/11/06	10:49 PM
SE608163-001-001-1/2	NWO-017-0034	09/11/06	10:55 PM
CCV5		09/11/06	11:01 PM
CCB5		09/11/06	11:07 PM
S 608163-002-003-1/2	NWO-017-1007	09/11/06	11:13 PM
S 608163-003-005-1/2	NWO-017-1002	09/11/06	11:20 PM
S 608163-004-007-1/2	NWO-017-0025	09/11/06	11:26 PM
S 608163-005-009-1/2	NWO-017-1005	09/11/06	11:32 PM
S 608163-006-011-1/2	NWO-017-1006	09/11/06	11:38 PM
S 608163-008-015-1/2	NWO-017-0024	09/11/06	11:51 PM
S 608163-009-019-1/1	NWO-017-5012	09/11/06	11:57 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060911MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
S 608163-010-020-1/1	NWO-017-0001	09/12/06	12:04 AM
CCV6		09/12/06	12:16 AM
CCB6		09/12/06	12:23 AM
S 608163-012-017-1/2	NWO-017-1004	09/12/06	12:29 AM
S 608163-013-024-1/1	NWO-017-5008	09/12/06	12:35 AM
S 608163-014-025-1/1	NWO-017-5009	09/12/06	12:41 AM
S 608163-015-022-1/1	NWO-017-5010	09/12/06	12:47 AM
S 608163-016-023-1/1	NWO-017-5011	09/12/06	12:54 AM
CCV7		09/12/06	1:18 AM
CCB7		09/12/06	1:24 AM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 3050X

Data File Name: 060912MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/12/06	4:45 PM
STD1		09/12/06	4:51 PM
STD2		09/12/06	4:57 PM
STD7		09/12/06	5:03 PM
STD3		09/12/06	5:10 PM
STD4		09/12/06	5:16 PM
STD5		09/12/06	5:22 PM
STD6		09/12/06	5:28 PM
ICV		09/12/06	5:34 PM
ICV(Cd)		09/12/06	5:40 PM
ICB		09/12/06	5:46 PM
CCV1		09/12/06	5:52 PM
CCB1		09/12/06	5:58 PM
PQL		09/12/06	6:03 PM
PQL(CoZr)		09/12/06	6:08 PM
ICSA		09/12/06	6:13 PM
ICSAB		09/12/06	6:18 PM
CCV2		09/12/06	6:56 PM
CCB2		09/12/06	7:01 PM
CCV3		09/12/06	8:18 PM
CCB3		09/12/06	8:24 PM
CCV4		09/12/06	9:31 PM
CCB4		09/12/06	9:37 PM
S 608163-007-013-1/2	NWO-017-0033	09/12/06	10:02 PM
S 608163-009-019-1/1	NWO-017-5012	09/12/06	10:08 PM
S 608163-011-021-1/1	NWO-017-0008	09/12/06	10:20 PM
CCV5		09/12/06	10:45 PM
CCB5		09/12/06	10:51 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163 Instrument: 7471H

Data File Name: Hg060914.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		09/14/06	10:31 AM
Std01Rep2		09/14/06	10:33 AM
Std01Rep3		09/14/06	10:36 AM
Std02Rep1		09/14/06	10:38 AM
Std02Rep2		09/14/06	10:40 AM
Std02Rep3		09/14/06	10:42 AM
Std03Rep1		09/14/06	10:45 AM
Std03Rep2		09/14/06	10:48 AM
Std03Rep3		09/14/06	10:50 AM
Std04Rep1		09/14/06	10:52 AM
Std04Rep2		09/14/06	10:54 AM
Std04Rep3		09/14/06	10:57 AM
Std05Rep1		09/14/06	10:59 AM
Std05Rep2		09/14/06	11:02 AM
Std05Rep3		09/14/06	11:05 AM
Std06Rep1		09/14/06	11:07 AM
Std06Rep2		09/14/06	11:10 AM
Std06Rep3		09/14/06	11:12 AM
Ck2 ICV		09/14/06	11:18 AM
Ck3 ICB		09/14/06	11:20 AM
Ck4 CRA		09/14/06	11:22 AM
Ck5 CCV1		09/14/06	11:24 AM
Ck6 CCB1		09/14/06	11:26 AM
BLK93732	BLK93732	09/14/06	11:28 AM
BKS93732	BKS93732	09/14/06	11:31 AM
S 608163-001-001-1/2	NWO-017-0034	09/14/06	11:33 AM
S 608163-002-003-1/2	NWO-017-1007	09/14/06	11:35 AM
S 608163-003-005-1/2	NWO-017-1002	09/14/06	11:38 AM
S 608163-004-007-1/2	NWO-017-0025	09/14/06	11:40 AM
S 608163-005-009-1/2	NWO-017-1005	09/14/06	11:42 AM
S 608163-006-011-1/2	NWO-017-1006	09/14/06	11:44 AM
S 608163-007-013-1/2	NWO-017-0033	09/14/06	11:47 AM
S 608163-008-015-1/2	NWO-017-0024	09/14/06	11:51 AM
Ck5 CCV2		09/14/06	11:53 AM
Ck6 CCB2		09/14/06	11:56 AM
S 608163-009-019-1/1	NWO-017-5012	09/14/06	11:58 AM
S 608163-012-017-1/2	NWO-017-1004	09/14/06	12:00 PM
S 608163-013-024-1/1	NWO-017-5008	09/14/06	12:02 PM
S 608163-014-025-1/1	NWO-017-5009	09/14/06	12:04 PM

URIT Version 4.3.4 SW846

GPL Laboratories, LLLP

Analysis Run Log

Project: 608163

Instrument: 7471H

Data File Name: Hg060914.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
S 608163-015-022-1/1	NWO-017-5010	09/14/06	12:06 PM
SP608163-015-022-1/1	NWO-017-5010 MS	09/14/06	12:09 PM
SD608163-015-022-1/1	NWO-017-5010 MSD	09/14/06	12:11 PM
S 608163-016-023-1/1	NWO-017-5011	09/14/06	12:13 PM
Ck5 CCV3		09/14/06	12:20 PM
Ck6 CCB3		09/14/06	12:23 PM

Analytical Report For 608187

for

Shaw E&I, Inc

Project Manager: Tim Roth

Project Name: Camp Addair - Shaw FUDS MMRP Site - 017

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Thirteen soil samples were received on 08/31/2006. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

PETN Analysis.

Eight soil samples were extracted and analyzed for PETN using the modified SW846 method 8330.

All extraction and analysis holding times were met.

The surrogate recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analysis were performed on sample NWO-037-1008. The percent recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with the batch. The percent recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

8330

Eight soil samples were extracted and analyzed for explosive compounds, including Nitroglycerine, using SW846 method 8330.

All extraction and analysis holding times were met.

All surrogate recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analyses were performed on sample NWO-037-1008. One spike recovery in MS was slightly above the QC limits.

A laboratory control sample was extracted and analyzed along with the batch. All recoveries were within the limits.

For Nitroglycerine, the recovery was within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Metals

Four soil samples were analyzed for aluminum, antimony, barium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, strontium, titanium, and zinc; nine soil samples were analyzed for HSL metals plus molybdenum, strontium and titanium. EPA SW846 methods were used. The samples were analyzed by ICPMS in order to meet the required reporting limits.

The samples were air dried, crushed, and then sieved. The sieved samples were digested for all analytes. All the samples are assumed one hundred percent solid because dried samples were used for the digestions.

On form one, The software flags all results for specific elements with a B qualifier if they have a result above two times the MDL and less than ½ the reporting limit for a continuing calibration blank, initial calibration blank or interference check solution A.

Sample NWO-017-0033 was analyzed for mercury two days past the holding time.

A matrix spike for sample NWO-037-1008 was spiked incorrectly, therefore the QC sample was redigested and reanalyzed by ICPMS.

A matrix spike, matrix spike duplicate, and serial dilutions were performed on sample NWO-037-1008 for all required analytes. The matrix spike was outside of the control limits for antimony, molybdenum, potassium, selenium, titanium and vanadium; matrix spike duplicate for antimony barium, potassium, selenium, titanium, and vanadium all associated data were flagged with an "N". A post digestion analytical spike was performed with recoveries within 20% of the true value (except vanadium). Post digestion analytical spike failed for vanadium. No control limits were applied to the matrix spike and matrix spike duplicate for aluminum, iron, magnesium, manganese due to an insignificant spike addition. The serial dilution was outside of the control limits for chromium and zinc; all associated data were flagged with an "E".

A matrix spike and matrix spike duplicate were performed on samples NWO-037-1008, and NWO-017-0033 for mercury. They were within the control limits.

Calibration standards are verified against independent check standards purchased from a commercial vendor of environmental standards.

All GPL QA/QC criteria were met with the exceptions of those mentioned above.

Pat Wiederhorn

Reviewed By,

Project Manager

Approved By

Laboratory Director

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
NWO-017-0031	608187-008-023-1/1	SW8330	SOIL	08/29/2006	08/31/2006
	608187-008-023-1/1	SW8330A			
	608187-008-012-1/1	SW6020			
	608187-008-012-1/1	SW7471A			
	608187-008-012-1/1	CLP_SOLIDS			
NWO-017-0032	608187-007-022-1/1	SW8330	SOIL	08/29/2006	08/31/2006
	608187-007-022-1/1	SW8330A			
	608187-007-011-1/1	SW6020			
	608187-007-011-1/1	SW7471A			
	608187-007-011-1/1	CLP_SOLIDS			
NWO-017-0033	608187-013-024-1/1	SW8330	SOIL	08/28/2006	08/31/2006
	608187-013-024-1/1	SW8330A			
	608187-013-013-1/1	SW6020			
	608187-013-013-1/1	SW7471A			
	608187-013-013-1/1	CLP_SOLIDS			
NWO-017-0035	608187-001-014-1/1	SW8330	SOIL	08/28/2006	08/31/2006
	608187-001-014-1/1	SW8330A			
	608187-001-007-1/1	SW6020_MM			
	608187-001-007-1/1	SW7471A			
	608187-001-007-1/1	CLP_SOLIDS			
NWO-017-0036	608187-002-015-1/1	SW8330	SOIL	08/28/2006	08/31/2006
	608187-002-015-1/1	SW8330A			
	608187-002-008-1/1	SW6020_MM			
	608187-002-008-1/1	SW7471A			
	608187-002-008-1/1	CLP_SOLIDS			
NWO-017-0037	608187-003-016-1/1	SW8330	SOIL	08/28/2006	08/31/2006
	608187-003-016-1/1	SW8330A			
	608187-003-009-1/1	SW6020			
	608187-003-009-1/1	SW7471A			
	608187-003-009-1/1	CLP_SOLIDS			
NWO-017-5005	608187-010-019-1/1	SW6020	SOIL	08/28/2006	08/31/2006
	608187-010-019-1/1	SW7471A			
	608187-010-019-1/1	CLP_SOLIDS			

Sample Summary Report

Shaw E&I, Inc

Work Order: 608187

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
NWO-017-5006	608187-006-025-1/1	SW6020	SOIL	08/29/2006	08/31/2006
	608187-006-025-1/1	SW7471A			
	608187-006-025-1/1	CLP_SOLIDS			
NWO-017-5007	608187-011-020-1/1	SW6020	SOIL	08/28/2006	08/31/2006
	608187-011-020-1/1	SW7471A			
	608187-011-020-1/1	CLP_SOLIDS			
NWO-017-5013	608187-012-021-1/1	SW6020	SOIL	08/28/2006	08/31/2006
	608187-012-021-1/1	SW7471A			
	608187-012-021-1/1	CLP_SOLIDS			
NWO-017-5014	608187-009-018-1/1	SW6020	SOIL	08/29/2006	08/31/2006
	608187-009-018-1/1	SW7471A			
	608187-009-018-1/1	CLP_SOLIDS			
NWO-037-0038	608187-004-017-1/1	SW8330	SOIL	08/28/2006	08/31/2006
	608187-004-017-1/1	SW8330A			
	608187-004-010-1/1	SW6020_MM			
	608187-004-010-1/1	SW7471A			
	608187-004-010-1/1	CLP_SOLIDS			
NWO-037-1008	608187-005-004-1/3	SW8330	SOIL	08/28/2006	08/31/2006
	608187-005-004-1/3	SW8330A			
	608187-005-001-1/3	SW6020_MM			
	608187-005-001-1/3	SW7471A			
	608187-005-001-1/3	CLP_SOLIDS			

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0035	Lab Sample ID:	608187-001-007-1/1
Sample Date/Time:	08/28/2006 15:30	Percent Moisture:	11.37
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**27800**	**D**	**80**	**10**	**mg/kg**	**09/14/06**	**23:27**
2)	Antimony	0.27	JD	0.8	10	mg/kg	09/14/06	23:27
3)	**Barium**	**168**	**D**	**4**	**10**	**mg/kg**	**09/14/06**	**23:27**
4)	Cadmium	0.21	JD	0.4	10	mg/kg	09/14/06	23:27
5)	**Chromium**	**40.6**	**DB**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
6)	**Cobalt**	**17.9**	**DB**	**0.8**	**10**	**mg/kg**	**09/14/06**	**23:27**
7)	**Copper**	**36.4**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
8)	**Iron**	**43300**	**D**	**40**	**10**	**mg/kg**	**09/14/06**	**23:27**
9)	**Lead**	**16.5**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
10)	**Magnesium**	**4820**	**D**	**80**	**10**	**mg/kg**	**09/14/06**	**23:27**
11)	**Manganese**	**529**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
12)	Molybdenum	0.73	JD	4	10	mg/kg	09/14/06	23:27
13)	**Nickel**	**26.8**	**D**	**0.8**	**10**	**mg/kg**	**09/14/06**	**23:27**
14)	**Strontium**	**27.8**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
15)	**Titanium**	**320**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:27**
16)	**Zinc**	**75.1**	**DB**	**8**	**10**	**mg/kg**	**09/14/06**	**23:27**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0035	Lab Sample ID:	608187-001-007-1/1
Sample Date/Time:	08/28/2006 15:30	Percent Moisture:	11.37
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	0.031		0.031	1	mg/kg	09/14/06	12:43

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0035	Lab Sample ID:	608187-001-007-1/1
Sample Date/Time:	08/28/2006 15:30	Percent Moisture:	11.37
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**89**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0035	Lab Sample ID:	608187-001-014-1/1
Sample Date/Time:	08/28/2006 15:30	Percent Moisture:	11.37
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	09:00
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	04:25

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	90 %	31 - 129	1	09/21/06	04:25

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0035	Lab Sample ID:	608187-001-014-1/1
Sample Date/Time:	08/28/2006 15:30	Percent Moisture:	11.37
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	09:00
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	09:00
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	09:00
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	09:00
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	09:00
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	09:00
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	09:00

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	86 %	31 - 129	1	09/20/06	09:00

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0036	Lab Sample ID:	608187-002-008-1/1
Sample Date/Time:	08/28/2006 14:50	Percent Moisture:	12.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**33300**	**D**	**78.7**	**10**	**mg/kg**	**09/14/06**	**23:33**
2)	Antimony	0.26	JD	0.79	10	mg/kg	09/14/06	23:33
3)	**Barium**	**257**	**D**	**3.9**	**10**	**mg/kg**	**09/14/06**	**23:33**
4)	Cadmium	0.21	JD	0.39	10	mg/kg	09/14/06	23:33
5)	**Chromium**	**73.6**	**DB**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
6)	**Cobalt**	**15.1**	**DB**	**0.79**	**10**	**mg/kg**	**09/14/06**	**23:33**
7)	**Copper**	**43.7**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
8)	**Iron**	**44100**	**D**	**39.4**	**10**	**mg/kg**	**09/14/06**	**23:33**
9)	**Lead**	**15.4**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
10)	**Magnesium**	**4950**	**D**	**78.7**	**10**	**mg/kg**	**09/14/06**	**23:33**
11)	**Manganese**	**559**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
12)	**Molybdenum**	**5.7**	**D**	**3.9**	**10**	**mg/kg**	**09/14/06**	**23:33**
13)	**Nickel**	**47.9**	**D**	**0.79**	**10**	**mg/kg**	**09/14/06**	**23:33**
14)	**Strontium**	**55.0**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
15)	**Titanium**	**262**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:33**
16)	**Zinc**	**88.2**	**DB**	**7.9**	**10**	**mg/kg**	**09/14/06**	**23:33**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0036	Lab Sample ID:	608187-002-008-1/1
Sample Date/Time:	08/28/2006 14:50	Percent Moisture:	12.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.033**		**0.025**	**1**	**mg/kg**	**09/14/06**	**12:45**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0036	Lab Sample ID:	608187-002-008-1/1
Sample Date/Time:	08/28/2006 14:50	Percent Moisture:	12.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**87**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0036	Lab Sample ID:	608187-002-015-1/1
Sample Date/Time:	08/28/2006 14:50	Percent Moisture:	12.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	10:00
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	04:46

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	93 %	31 - 129	1	09/21/06	04:46

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0036	Lab Sample ID:	608187-002-015-1/1
Sample Date/Time:	08/28/2006 14:50	Percent Moisture:	12.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
5)	2,6-Dinitrotoluene	0.021	J	0.040	1	mg/kg	09/20/06	10:00
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	10:00
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:00
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	10:00
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	10:00
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:00
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:00
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:00

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100 %	31 - 129	1	09/20/06	10:00

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0037	Lab Sample ID:	608187-003-009-1/1
Sample Date/Time:	08/28/2006 13:35	Percent Moisture:	15.24
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**30300**	**D**	**78.1**	**10**	**mg/kg**	**09/14/06**	**23:40**
2)	Antimony	0.26	JD	0.78	10	mg/kg	09/14/06	23:40
3)	**Barium**	**258**	**D**	**3.9**	**10**	**mg/kg**	**09/14/06**	**23:40**
4)	Cadmium	0.18	JD	0.39	10	mg/kg	09/14/06	23:40
5)	**Chromium**	**36.4**	**DB**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
6)	**Cobalt**	**19.0**	**DB**	**0.78**	**10**	**mg/kg**	**09/14/06**	**23:40**
7)	**Copper**	**40.5**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
8)	**Iron**	**46000**	**D**	**39.1**	**10**	**mg/kg**	**09/14/06**	**23:40**
9)	**Lead**	**17.0**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
10)	**Magnesium**	**3980**	**D**	**78.1**	**10**	**mg/kg**	**09/14/06**	**23:40**
11)	**Manganese**	**1100**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
12)	Molybdenum	0.86	JD	3.9	10	mg/kg	09/14/06	23:40
13)	**Nickel**	**20.5**	**D**	**0.78**	**10**	**mg/kg**	**09/14/06**	**23:40**
14)	**Strontium**	**35.1**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
15)	**Titanium**	**332**	**D**	**1.6**	**10**	**mg/kg**	**09/14/06**	**23:40**
16)	**Zinc**	**72.6**	**DB**	**7.8**	**10**	**mg/kg**	**09/14/06**	**23:40**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0037	Lab Sample ID:	608187-003-009-1/1
Sample Date/Time:	08/28/2006 13:35	Percent Moisture:	15.24
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.045**		**0.024**	**1**	**mg/kg**	**09/14/06**	**12:52**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0037	Lab Sample ID:	608187-003-009-1/1
Sample Date/Time:	08/28/2006 13:35	Percent Moisture:	15.24
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**85**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0037	Lab Sample ID:	608187-003-016-1/1
Sample Date/Time:	08/28/2006 13:35	Percent Moisture:	15.24
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	10:59
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	05:08

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	93 %	31 - 129	1	09/21/06	05:08

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0037	Lab Sample ID:	608187-003-016-1/1
Sample Date/Time:	08/28/2006 13:35	Percent Moisture:	15.24
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
5)	2,6-Dinitrotoluene	0.020	J	0.040	1	mg/kg	09/20/06	10:59
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	10:59
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	10:59
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	10:59
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	10:59
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:59
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:59
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	10:59

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	95 %	31 - 129	1	09/20/06	10:59

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-0038	Lab Sample ID:	608187-004-010-1/1
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	9.06
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**26900**	**D**	**83.3**	**10**	**mg/kg**	**09/14/06**	**23:46**
2)	Antimony	0.18	JD	0.83	10	mg/kg	09/14/06	23:46
3)	**Arsenic**	**12.7**	**D**	**4.2**	**10**	**mg/kg**	**09/14/06**	**23:46**
4)	**Barium**	**200**	**D**	**4.2**	**10**	**mg/kg**	**09/14/06**	**23:46**
5)	**Beryllium**	**0.97**	**D**	**0.17**	**10**	**mg/kg**	**09/14/06**	**23:46**
6)	Cadmium	0.19	JD	0.42	10	mg/kg	09/14/06	23:46
7)	**Calcium**	**3000**	**D**	**833**	**10**	**mg/kg**	**09/14/06**	**23:46**
8)	**Chromium**	**31.2**	**DB**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
9)	**Cobalt**	**20.1**	**DB**	**0.83**	**10**	**mg/kg**	**09/14/06**	**23:46**
10)	**Copper**	**43.2**	**D**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
11)	**Iron**	**45000**	**D**	**41.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
12)	**Lead**	**13.5**	**D**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
13)	**Magnesium**	**3710**	**D**	**83.3**	**10**	**mg/kg**	**09/14/06**	**23:46**
14)	**Manganese**	**793**	**D**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
15)	Molybdenum	0.71	JD	4.2	10	mg/kg	09/14/06	23:46
16)	**Nickel**	**16.4**	**D**	**0.83**	**10**	**mg/kg**	**09/14/06**	**23:46**
17)	**Potassium**	**2040**	**D**	**833**	**10**	**mg/kg**	**09/14/06**	**23:46**
18)	Selenium	0.84	JD	4.2	10	mg/kg	09/14/06	23:46
19)	Silver	0.043	JDB	0.25	10	mg/kg	09/14/06	23:46
20)	Sodium	34.5	JD	833	10	mg/kg	09/14/06	23:46
21)	**Strontium**	**33.5**	**D**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
22)	Thallium	0.18	JD	1.7	10	mg/kg	09/14/06	23:46
23)	**Titanium**	**314**	**D**	**1.7**	**10**	**mg/kg**	**09/14/06**	**23:46**
24)	**Vanadium**	**92.9**	**D**	**8.3**	**10**	**mg/kg**	**09/14/06**	**23:46**
25)	**Zinc**	**54.8**	**DB**	**8.3**	**10**	**mg/kg**	**09/14/06**	**23:46**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-0038	Lab Sample ID:	608187-004-010-1/1
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	9.06
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	0.027	J	0.03	1	mg/kg	09/14/06	12:55

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-0038	Lab Sample ID:	608187-004-010-1/1
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	9.06
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**91**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-0038	Lab Sample ID:	608187-004-017-1/1
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	9.06
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	11:59
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	05:29

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	87 %	31 - 129	1	09/21/06	05:29

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-0038	Lab Sample ID:	608187-004-017-1/1
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	9.06
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	11:59
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	11:59
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	11:59
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	11:59
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	11:59
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	11:59
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	11:59

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	88 %	31 - 129	1	09/20/06	11:59

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-1008	Lab Sample ID:	608187-005-001-1/3
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	13.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/20/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**25100**	**D**	**81.3**	**10**	**mg/kg**	**09/27/06**	**23:31**
2)	Antimony	0.27	JND	0.81	10	mg/kg	09/27/06	23:31
3)	**Arsenic**	**12.4**	**D**	**4.1**	**10**	**mg/kg**	**09/27/06**	**23:31**
4)	**Barium**	**151**	**ND**	**4.1**	**10**	**mg/kg**	**09/27/06**	**23:31**
5)	**Beryllium**	**1.0**	**D**	**0.16**	**10**	**mg/kg**	**09/27/06**	**23:31**
6)	Cadmium	0.23	JD	0.41	10	mg/kg	09/27/06	23:31
7)	**Calcium**	**2330**	**D**	**813**	**10**	**mg/kg**	**09/27/06**	**23:31**
8)	**Chromium**	**35.0**	**ED**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
9)	**Cobalt**	**18.4**	**D**	**0.81**	**10**	**mg/kg**	**09/27/06**	**23:31**
10)	**Copper**	**30.2**	**DB**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
11)	**Iron**	**42800**	**DB**	**40.7**	**10**	**mg/kg**	**09/27/06**	**23:31**
12)	**Lead**	**17.5**	**D**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
13)	**Magnesium**	**3830**	**DB**	**81.3**	**10**	**mg/kg**	**09/27/06**	**23:31**
14)	**Manganese**	**712**	**DB**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
15)	Molybdenum	0.62	JND	4.1	10	mg/kg	09/27/06	23:31
16)	**Nickel**	**20.4**	**D**	**0.81**	**10**	**mg/kg**	**09/27/06**	**23:31**
17)	**Potassium**	**1760**	**ND**	**813**	**10**	**mg/kg**	**09/27/06**	**23:31**
18)	Selenium	0.99	JND	4.1	10	mg/kg	09/27/06	23:31
19)	Silver	0.033	JDB	0.24	10	mg/kg	09/27/06	23:31
20)	Sodium	72.2	JD	813	10	mg/kg	09/27/06	23:31
21)	**Strontium**	**25.8**	**D**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
22)	Thallium	0.27	JD	1.6	10	mg/kg	09/27/06	23:31
23)	**Titanium**	**318**	**ND**	**1.6**	**10**	**mg/kg**	**09/27/06**	**23:31**
24)	**Vanadium**	**85.3**	**ND**	**8.1**	**10**	**mg/kg**	**09/27/06**	**23:31**
25)	**Zinc**	**62.5**	**ED**	**8.1**	**10**	**mg/kg**	**09/27/06**	**23:31**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-1008	Lab Sample ID:	608187-005-001-1/3
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	13.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.029**		**0.025**	**1**	**mg/kg**	**09/14/06**	**12:57**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-1008	Lab Sample ID:	608187-005-001-1/3
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	13.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**86**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-1008	Lab Sample ID:	608187-005-004-1/3
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	13.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06 12:58
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06 05:50

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time
3)	4-Nitroaniline	85 %	31 - 129	1	09/21/06 05:50

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-037-1008	Lab Sample ID:	608187-005-004-1/3
Sample Date/Time:	08/28/2006 11:50	Percent Moisture:	13.76
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	12:58
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	12:58
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	12:58
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	12:58
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	12:58
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	12:58
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	12:58

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	91 %	31 - 129	1	09/20/06	12:58

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5006	Lab Sample ID:	608187-006-025-1/1
Sample Date/Time:	08/29/2006 12:20	Percent Moisture:	10.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**29900**	**D**	**80**	**10**	**mg/kg**	**09/15/06**	**00:41**
2)	Antimony	0.22	JD	0.8	10	mg/kg	09/15/06	00:41
3)	**Arsenic**	**11.5**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**00:41**
4)	**Barium**	**198**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**00:41**
5)	**Beryllium**	**1.1**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**00:41**
6)	Cadmium	0.16	JD	0.4	10	mg/kg	09/15/06	00:41
7)	**Calcium**	**2300**	**D**	**800**	**10**	**mg/kg**	**09/15/06**	**00:41**
8)	**Chromium**	**43.0**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
9)	**Cobalt**	**19.4**	**DB**	**0.8**	**10**	**mg/kg**	**09/15/06**	**00:41**
10)	**Copper**	**36.8**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
11)	**Iron**	**43200**	**D**	**40**	**10**	**mg/kg**	**09/15/06**	**00:41**
12)	**Lead**	**16.3**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
13)	**Magnesium**	**4430**	**D**	**80**	**10**	**mg/kg**	**09/15/06**	**00:41**
14)	**Manganese**	**1050**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
15)	Molybdenum	0.71	JD	4	10	mg/kg	09/15/06	00:41
16)	**Nickel**	**24.6**	**D**	**0.8**	**10**	**mg/kg**	**09/15/06**	**00:41**
17)	**Potassium**	**2460**	**D**	**800**	**10**	**mg/kg**	**09/15/06**	**00:41**
18)	Selenium	0.92	JD	4	10	mg/kg	09/15/06	00:41
19)	Silver	0.031	JDB	0.24	10	mg/kg	09/15/06	00:41
20)	Sodium	43.3	JD	800	10	mg/kg	09/15/06	00:41
21)	**Strontium**	**22.5**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
22)	Thallium	0.34	JD	1.6	10	mg/kg	09/15/06	00:41
23)	**Titanium**	**298**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:41**
24)	**Vanadium**	**91.8**	**D**	**8**	**10**	**mg/kg**	**09/15/06**	**00:41**
25)	**Zinc**	**77.7**	**DB**	**8**	**10**	**mg/kg**	**09/15/06**	**00:41**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5006	Lab Sample ID:	608187-006-025-1/1
Sample Date/Time:	08/29/2006 12:20	Percent Moisture:	10.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.034**		**0.026**	**1**	**mg/kg**	**09/14/06**	**13:04**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5006	Lab Sample ID:	608187-006-025-1/1
Sample Date/Time:	08/29/2006 12:20	Percent Moisture:	10.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**90**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0032	Lab Sample ID:	608187-007-011-1/1
Sample Date/Time:	08/29/2006 14:55	Percent Moisture:	13.1
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**25200**	**D**	**78.1**	**10**	**mg/kg**	**09/15/06**	**00:47**
2)	Antimony	BQL	UD	0.78	10	mg/kg	09/15/06	00:47
3)	**Arsenic**	**5.0**	**D**	**3.9**	**10**	**mg/kg**	**09/15/06**	**00:47**
4)	**Barium**	**112**	**D**	**3.9**	**10**	**mg/kg**	**09/15/06**	**00:47**
5)	**Beryllium**	**0.62**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**00:47**
6)	Cadmium	0.16	JD	0.39	10	mg/kg	09/15/06	00:47
7)	**Calcium**	**2710**	**D**	**781**	**10**	**mg/kg**	**09/15/06**	**00:47**
8)	**Chromium**	**24.9**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
9)	**Cobalt**	**10.5**	**DB**	**0.78**	**10**	**mg/kg**	**09/15/06**	**00:47**
10)	**Copper**	**28.2**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
11)	**Iron**	**28100**	**D**	**39.1**	**10**	**mg/kg**	**09/15/06**	**00:47**
12)	**Lead**	**10.1**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
13)	**Magnesium**	**2270**	**D**	**78.1**	**10**	**mg/kg**	**09/15/06**	**00:47**
14)	**Manganese**	**615**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
15)	Molybdenum	0.82	JD	3.9	10	mg/kg	09/15/06	00:47
16)	**Nickel**	**10.6**	**D**	**0.78**	**10**	**mg/kg**	**09/15/06**	**00:47**
17)	**Potassium**	**2470**	**D**	**781**	**10**	**mg/kg**	**09/15/06**	**00:47**
18)	Selenium	BQL	UD	3.9	10	mg/kg	09/15/06	00:47
19)	Silver	0.023	JDB	0.23	10	mg/kg	09/15/06	00:47
20)	Sodium	104	JD	781	10	mg/kg	09/15/06	00:47
21)	**Strontium**	**19.2**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
22)	Thallium	0.18	JD	1.6	10	mg/kg	09/15/06	00:47
23)	**Titanium**	**664**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:47**
24)	**Vanadium**	**65.6**	**D**	**7.8**	**10**	**mg/kg**	**09/15/06**	**00:47**
25)	**Zinc**	**64.6**	**DB**	**7.8**	**10**	**mg/kg**	**09/15/06**	**00:47**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0032	Lab Sample ID:	608187-007-011-1/1
Sample Date/Time:	08/29/2006 14:55	Percent Moisture:	13.1
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.027	J	0.028	1	mg/kg	09/14/06 13:06

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0032	Lab Sample ID:	608187-007-011-1/1
Sample Date/Time:	08/29/2006 14:55	Percent Moisture:	13.1
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**87**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0032	Lab Sample ID:	608187-007-022-1/1
Sample Date/Time:	08/29/2006 14:55	Percent Moisture:	13.1
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	13:58
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	07:16

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	83 %	31 - 129	1	09/21/06	07:16

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0032	Lab Sample ID:	608187-007-022-1/1
Sample Date/Time:	08/29/2006 14:55	Percent Moisture:	13.1
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
8)	HMX	BQL	U	0.080	1	mg/kg	09/20/06	13:58
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	13:58
10)	RDX	BQL	U	0.080	1	mg/kg	09/20/06	13:58
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	13:58
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	13:58
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	13:58
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	13:58

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	87 %	31 - 129	1	09/20/06	13:58

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0031	Lab Sample ID:	608187-008-012-1/1
Sample Date/Time:	08/29/2006 15:50	Percent Moisture:	5.99
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**23500**	**D**	**82**	**10**	**mg/kg**	**09/15/06**	**00:53**
2)	Antimony	BQL	UD	0.82	10	mg/kg	09/15/06	00:53
3)	**Arsenic**	**4.9**	**D**	**4.1**	**10**	**mg/kg**	**09/15/06**	**00:53**
4)	**Barium**	**139**	**D**	**4.1**	**10**	**mg/kg**	**09/15/06**	**00:53**
5)	**Beryllium**	**0.86**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**00:53**
6)	Cadmium	0.19	JD	0.41	10	mg/kg	09/15/06	00:53
7)	**Calcium**	**1180**	**D**	**820**	**10**	**mg/kg**	**09/15/06**	**00:53**
8)	**Chromium**	**26.1**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
9)	**Cobalt**	**13.6**	**DB**	**0.82**	**10**	**mg/kg**	**09/15/06**	**00:53**
10)	**Copper**	**16.9**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
11)	**Iron**	**25700**	**D**	**41**	**10**	**mg/kg**	**09/15/06**	**00:53**
12)	**Lead**	**12.8**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
13)	**Magnesium**	**2980**	**D**	**82**	**10**	**mg/kg**	**09/15/06**	**00:53**
14)	**Manganese**	**770**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
15)	Molybdenum	0.38	JD	4.1	10	mg/kg	09/15/06	00:53
16)	**Nickel**	**13.0**	**D**	**0.82**	**10**	**mg/kg**	**09/15/06**	**00:53**
17)	**Potassium**	**1740**	**D**	**820**	**10**	**mg/kg**	**09/15/06**	**00:53**
18)	Selenium	BQL	UD	4.1	10	mg/kg	09/15/06	00:53
19)	Silver	0.025	JDB	0.25	10	mg/kg	09/15/06	00:53
20)	Sodium	68.4	JD	820	10	mg/kg	09/15/06	00:53
21)	**Strontium**	**12.7**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
22)	Thallium	0.22	JD	1.6	10	mg/kg	09/15/06	00:53
23)	**Titanium**	**865**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**00:53**
24)	**Vanadium**	**66.8**	**D**	**8.2**	**10**	**mg/kg**	**09/15/06**	**00:53**
25)	**Zinc**	**42.8**	**DB**	**8.2**	**10**	**mg/kg**	**09/15/06**	**00:53**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0031	Lab Sample ID:	608187-008-012-1/1
Sample Date/Time:	08/29/2006 15:50	Percent Moisture:	5.99
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.043**		**0.032**	**1**	**mg/kg**	**09/14/06**	**13:09**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0031	Lab Sample ID:	608187-008-012-1/1
Sample Date/Time:	08/29/2006 15:50	Percent Moisture:	5.99
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**94**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0031	Lab Sample ID:	608187-008-023-1/1
Sample Date/Time:	08/29/2006 15:50	Percent Moisture:	5.99
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	4.0	1	mg/kg	09/20/06	14:57
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/21/06	07:37

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	80 %	31 - 129	1	09/21/06	07:37

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0031	Lab Sample ID:	608187-008-023-1/1
Sample Date/Time:	08/29/2006 15:50	Percent Moisture:	5.99
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
2) 1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
3) 2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
4) 2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
5) 2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
6) 2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
7) 4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
8) HMX	BQL	U	0.080	1	mg/kg	09/20/06	14:57
9) Nitrobenzene	BQL	U	0.040	1	mg/kg	09/20/06	14:57
10) RDX	BQL	U	0.080	1	mg/kg	09/20/06	14:57
11) Tetryl	BQL	U	0.080	1	mg/kg	09/20/06	14:57
12) m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	14:57
13) o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	14:57
14) p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/20/06	14:57

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	76 %	31 - 129	1	09/20/06	14:57

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5014	Lab Sample ID:	608187-009-018-1/1
Sample Date/Time:	08/29/2006 17:45	Percent Moisture:	49.22
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**21200**	**D**	**78.7**	**10**	**mg/kg**	**09/15/06**	**01:00**
2)	Antimony	BQL	UD	0.79	10	mg/kg	09/15/06	01:00
3)	**Arsenic**	**5.6**	**D**	**3.9**	**10**	**mg/kg**	**09/15/06**	**01:00**
4)	**Barium**	**173**	**D**	**3.9**	**10**	**mg/kg**	**09/15/06**	**01:00**
5)	**Beryllium**	**0.84**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**01:00**
6)	Cadmium	0.22	JD	0.39	10	mg/kg	09/15/06	01:00
7)	**Calcium**	**3160**	**D**	**787**	**10**	**mg/kg**	**09/15/06**	**01:00**
8)	**Chromium**	**21.0**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
9)	**Cobalt**	**9.8**	**DB**	**0.79**	**10**	**mg/kg**	**09/15/06**	**01:00**
10)	**Copper**	**17.4**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
11)	**Iron**	**35600**	**D**	**39.4**	**10**	**mg/kg**	**09/15/06**	**01:00**
12)	**Lead**	**11.1**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
13)	**Magnesium**	**4410**	**D**	**78.7**	**10**	**mg/kg**	**09/15/06**	**01:00**
14)	**Manganese**	**451**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
15)	Molybdenum	0.56	JD	3.9	10	mg/kg	09/15/06	01:00
16)	**Nickel**	**16.5**	**D**	**0.79**	**10**	**mg/kg**	**09/15/06**	**01:00**
17)	**Potassium**	**1660**	**D**	**787**	**10**	**mg/kg**	**09/15/06**	**01:00**
18)	Selenium	BQL	UD	3.9	10	mg/kg	09/15/06	01:00
19)	Silver	0.056	JDB	0.24	10	mg/kg	09/15/06	01:00
20)	Sodium	96.0	JD	787	10	mg/kg	09/15/06	01:00
21)	**Strontium**	**25.9**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
22)	Thallium	0.22	JD	1.6	10	mg/kg	09/15/06	01:00
23)	**Titanium**	**564**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:00**
24)	**Vanadium**	**40.4**	**D**	**7.9**	**10**	**mg/kg**	**09/15/06**	**01:00**
25)	**Zinc**	**72.5**	**DB**	**7.9**	**10**	**mg/kg**	**09/15/06**	**01:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5014	Lab Sample ID:	608187-009-018-1/1
Sample Date/Time:	08/29/2006 17:45	Percent Moisture:	49.22
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.051**		**0.03**	**1**	**mg/kg**	**09/14/06**	**13:11**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5014	Lab Sample ID:	608187-009-018-1/1
Sample Date/Time:	08/29/2006 17:45	Percent Moisture:	49.22
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**51**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5005	Lab Sample ID:	608187-010-019-1/1
Sample Date/Time:	08/28/2006 11:33	Percent Moisture:	4.83
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**27700**	**D**	**80**	**10**	**mg/kg**	**09/15/06**	**01:06**
2)	Antimony	BQL	UD	0.8	10	mg/kg	09/15/06	01:06
3)	**Arsenic**	**5.3**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**01:06**
4)	**Barium**	**178**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**01:06**
5)	**Beryllium**	**1.1**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**01:06**
6)	Cadmium	0.33	JD	0.4	10	mg/kg	09/15/06	01:06
7)	**Calcium**	**1780**	**D**	**800**	**10**	**mg/kg**	**09/15/06**	**01:06**
8)	**Chromium**	**28.4**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
9)	**Cobalt**	**13.5**	**DB**	**0.8**	**10**	**mg/kg**	**09/15/06**	**01:06**
10)	**Copper**	**19.3**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
11)	**Iron**	**30800**	**D**	**40**	**10**	**mg/kg**	**09/15/06**	**01:06**
12)	**Lead**	**15.4**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
13)	**Magnesium**	**4380**	**D**	**80**	**10**	**mg/kg**	**09/15/06**	**01:06**
14)	**Manganese**	**737**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
15)	Molybdenum	0.42	JD	4	10	mg/kg	09/15/06	01:06
16)	**Nickel**	**17.3**	**D**	**0.8**	**10**	**mg/kg**	**09/15/06**	**01:06**
17)	**Potassium**	**1820**	**D**	**800**	**10**	**mg/kg**	**09/15/06**	**01:06**
18)	Selenium	BQL	UD	4	10	mg/kg	09/15/06	01:06
19)	Silver	0.034	JDB	0.24	10	mg/kg	09/15/06	01:06
20)	Sodium	57.2	JD	800	10	mg/kg	09/15/06	01:06
21)	**Strontium**	**12.8**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
22)	Thallium	0.23	JD	1.6	10	mg/kg	09/15/06	01:06
23)	**Titanium**	**1130**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:06**
24)	**Vanadium**	**73.8**	**D**	**8**	**10**	**mg/kg**	**09/15/06**	**01:06**
25)	**Zinc**	**59.9**	**DB**	**8**	**10**	**mg/kg**	**09/15/06**	**01:06**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5005	Lab Sample ID:	608187-010-019-1/1
Sample Date/Time:	08/28/2006 11:33	Percent Moisture:	4.83
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.035**		**0.029**	**1**	**mg/kg**	**09/14/06**	**13:13**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5005	Lab Sample ID:	608187-010-019-1/1
Sample Date/Time:	08/28/2006 11:33	Percent Moisture:	4.83
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**95**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5007	Lab Sample ID:	608187-011-020-1/1
Sample Date/Time:	08/28/2006 17:40	Percent Moisture:	15.23
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**38200**	**D**	**82.6**	**10**	**mg/kg**	**09/15/06**	**01:12**
2)	Antimony	BQL	UD	0.83	10	mg/kg	09/15/06	01:12
3)	**Arsenic**	**7.6**	**D**	**4.1**	**10**	**mg/kg**	**09/15/06**	**01:12**
4)	**Barium**	**246**	**D**	**4.1**	**10**	**mg/kg**	**09/15/06**	**01:12**
5)	**Beryllium**	**1.3**	**D**	**0.17**	**10**	**mg/kg**	**09/15/06**	**01:12**
6)	Cadmium	0.41	JD	0.41	10	mg/kg	09/15/06	01:12
7)	**Calcium**	**3130**	**D**	**826**	**10**	**mg/kg**	**09/15/06**	**01:12**
8)	**Chromium**	**38.4**	**DB**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
9)	**Cobalt**	**16.1**	**DB**	**0.83**	**10**	**mg/kg**	**09/15/06**	**01:12**
10)	**Copper**	**37.8**	**D**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
11)	**Iron**	**52400**	**D**	**41.3**	**10**	**mg/kg**	**09/15/06**	**01:12**
12)	**Lead**	**13.5**	**D**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
13)	**Magnesium**	**6830**	**D**	**82.6**	**10**	**mg/kg**	**09/15/06**	**01:12**
14)	**Manganese**	**1050**	**D**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
15)	Molybdenum	0.87	JD	4.1	10	mg/kg	09/15/06	01:12
16)	**Nickel**	**27.6**	**D**	**0.83**	**10**	**mg/kg**	**09/15/06**	**01:12**
17)	**Potassium**	**2130**	**D**	**826**	**10**	**mg/kg**	**09/15/06**	**01:12**
18)	Selenium	1.1	JD	4.1	10	mg/kg	09/15/06	01:12
19)	Silver	0.13	JDB	0.25	10	mg/kg	09/15/06	01:12
20)	Sodium	102	JD	826	10	mg/kg	09/15/06	01:12
21)	**Strontium**	**30.1**	**D**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
22)	Thallium	0.25	JD	1.7	10	mg/kg	09/15/06	01:12
23)	**Titanium**	**380**	**D**	**1.7**	**10**	**mg/kg**	**09/15/06**	**01:12**
24)	**Vanadium**	**89.6**	**D**	**8.3**	**10**	**mg/kg**	**09/15/06**	**01:12**
25)	**Zinc**	**104**	**DB**	**8.3**	**10**	**mg/kg**	**09/15/06**	**01:12**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5007	Lab Sample ID:	608187-011-020-1/1
Sample Date/Time:	08/28/2006 17:40	Percent Moisture:	15.23
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.052**		**0.031**	**1**	**mg/kg**	**09/14/06**	**13:20**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5007	Lab Sample ID:	608187-011-020-1/1
Sample Date/Time:	08/28/2006 17:40	Percent Moisture:	15.23
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**85**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5013	Lab Sample ID:	608187-012-021-1/1
Sample Date/Time:	08/28/2006 18:20	Percent Moisture:	26.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**20400**	**D**	**79.4**	**10**	**mg/kg**	**09/15/06**	**01:18**
2)	Antimony	BQL	UD	0.79	10	mg/kg	09/15/06	01:18
3)	**Arsenic**	**6.0**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**01:18**
4)	**Barium**	**140**	**D**	**4**	**10**	**mg/kg**	**09/15/06**	**01:18**
5)	**Beryllium**	**0.80**	**D**	**0.16**	**10**	**mg/kg**	**09/15/06**	**01:18**
6)	Cadmium	0.34	JD	0.4	10	mg/kg	09/15/06	01:18
7)	**Calcium**	**3960**	**D**	**794**	**10**	**mg/kg**	**09/15/06**	**01:18**
8)	**Chromium**	**17.5**	**DB**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
9)	**Cobalt**	**13.1**	**DB**	**0.79**	**10**	**mg/kg**	**09/15/06**	**01:18**
10)	**Copper**	**23.8**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
11)	**Iron**	**53900**	**D**	**39.7**	**10**	**mg/kg**	**09/15/06**	**01:18**
12)	**Lead**	**8.8**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
13)	**Magnesium**	**4580**	**D**	**79.4**	**10**	**mg/kg**	**09/15/06**	**01:18**
14)	**Manganese**	**589**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
15)	Molybdenum	0.55	JD	4	10	mg/kg	09/15/06	01:18
16)	**Nickel**	**15.6**	**D**	**0.79**	**10**	**mg/kg**	**09/15/06**	**01:18**
17)	**Potassium**	**1540**	**D**	**794**	**10**	**mg/kg**	**09/15/06**	**01:18**
18)	Selenium	BQL	UD	4	10	mg/kg	09/15/06	01:18
19)	Silver	0.054	JDB	0.24	10	mg/kg	09/15/06	01:18
20)	Sodium	128	JD	794	10	mg/kg	09/15/06	01:18
21)	**Strontium**	**21.3**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
22)	Thallium	BQL	UD	1.6	10	mg/kg	09/15/06	01:18
23)	**Titanium**	**908**	**D**	**1.6**	**10**	**mg/kg**	**09/15/06**	**01:18**
24)	**Vanadium**	**72.5**	**D**	**7.9**	**10**	**mg/kg**	**09/15/06**	**01:18**
25)	**Zinc**	**92.4**	**DB**	**7.9**	**10**	**mg/kg**	**09/15/06**	**01:18**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5013	Lab Sample ID:	608187-012-021-1/1
Sample Date/Time:	08/28/2006 18:20	Percent Moisture:	26.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/13/2006 20:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.019	J	0.027	1	mg/kg	09/14/06 13:22

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-5013	Lab Sample ID:	608187-012-021-1/1
Sample Date/Time:	08/28/2006 18:20	Percent Moisture:	26.35
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**74**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608187-013-013-1/1
Sample Date/Time:	08/28/2006 19:15	Percent Moisture:	6.44
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW3050B
Prepared Date/Time:	09/12/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**2680**		**8.1**	**1**	**mg/kg**	**09/15/06**	**01:24**
2)	Antimony	BQL	U	0.081	1	mg/kg	09/15/06	01:24
3)	**Arsenic**	**0.61**		**0.4**	**1**	**mg/kg**	**09/15/06**	**01:24**
4)	**Barium**	**17.8**		**0.4**	**1**	**mg/kg**	**09/15/06**	**01:24**
5)	**Beryllium**	**0.11**		**0.016**	**1**	**mg/kg**	**09/15/06**	**01:24**
6)	Cadmium	0.032	J	0.04	1	mg/kg	09/15/06	01:24
7)	**Calcium**	**358**		**80.6**	**1**	**mg/kg**	**09/15/06**	**01:24**
8)	**Chromium**	**2.9**	**B**	**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
9)	**Cobalt**	**2.1**	**B**	**0.081**	**1**	**mg/kg**	**09/15/06**	**01:24**
10)	**Copper**	**2.0**		**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
11)	**Iron**	**3350**		**4**	**1**	**mg/kg**	**09/15/06**	**01:24**
12)	**Lead**	**1.6**		**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
13)	**Magnesium**	**419**		**8.1**	**1**	**mg/kg**	**09/15/06**	**01:24**
14)	**Manganese**	**104**		**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
15)	Molybdenum	0.042	J	0.4	1	mg/kg	09/15/06	01:24
16)	**Nickel**	**1.6**		**0.081**	**1**	**mg/kg**	**09/15/06**	**01:24**
17)	**Potassium**	**203**		**80.6**	**1**	**mg/kg**	**09/15/06**	**01:24**
18)	Selenium	0.090	J	0.4	1	mg/kg	09/15/06	01:24
19)	Silver	0.0028	JB	0.024	1	mg/kg	09/15/06	01:24
20)	Sodium	4.8	J	80.6	1	mg/kg	09/15/06	01:24
21)	**Strontium**	**2.3**		**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
22)	Thallium	0.021	J	0.16	1	mg/kg	09/15/06	01:24
23)	**Titanium**	**104**		**0.16**	**1**	**mg/kg**	**09/15/06**	**01:24**
24)	**Vanadium**	**9.5**		**0.81**	**1**	**mg/kg**	**09/15/06**	**01:24**
25)	**Zinc**	**5.6**	**B**	**0.81**	**1**	**mg/kg**	**09/15/06**	**01:24**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608187-013-013-1/1
Sample Date/Time:	08/28/2006 19:15	Percent Moisture:	6.44
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/28/2006 00:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Mercury	0.024	J	0.032	1	mg/kg	09/29/06 16:14

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608187-013-013-1/1
Sample Date/Time:	08/28/2006 19:15	Percent Moisture:	6.44
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	CLP_SOLIDS

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Percent Solids**	**94**		**1.0**	**1**	**%**	**09/25/06**	**12:26**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608187-013-024-1/1
Sample Date/Time:	08/28/2006 19:15	Percent Moisture:	6.44
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	1.0	1	mg/kg	09/20/06	05:02
2)	Pentaerythritol Tetranitrate	BQL	U	0.050	1	mg/kg	09/21/06	07:58

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	85 %	31 - 129	1	09/21/06	07:58

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	NWO-017-0033	Lab Sample ID:	608187-013-024-1/1
Sample Date/Time:	08/28/2006 19:15	Percent Moisture:	6.44
Receipt Date/Time:	08/31/2006 17:27	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/07/2006 00:00	Analytical Method:	SW8330A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
2)	1,3-Dinitrobenzene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
3)	2,4,6-Trinitrotoluene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
4)	2,4-Dinitrotoluene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
5)	2,6-Dinitrotoluene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
8)	HMX	BQL	U	0.20	1	mg/kg	09/20/06	05:02
9)	Nitrobenzene	BQL	U	0.10	1	mg/kg	09/20/06	05:02
10)	RDX	BQL	U	0.20	1	mg/kg	09/20/06	05:02
11)	Tetryl	BQL	U	0.20	1	mg/kg	09/20/06	05:02
12)	m-Nitrotoluene	BQL	U	0.20	1	mg/kg	09/20/06	05:02
13)	o-Nitrotoluene	BQL	U	0.20	1	mg/kg	09/20/06	05:02
14)	p-Nitrotoluene	BQL	U	0.20	1	mg/kg	09/20/06	05:02

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	93 %	31 - 129	1	09/20/06	05:02

Qualifier Definitions

Shaw E&I, Inc

Work Order: 608187

All Departments

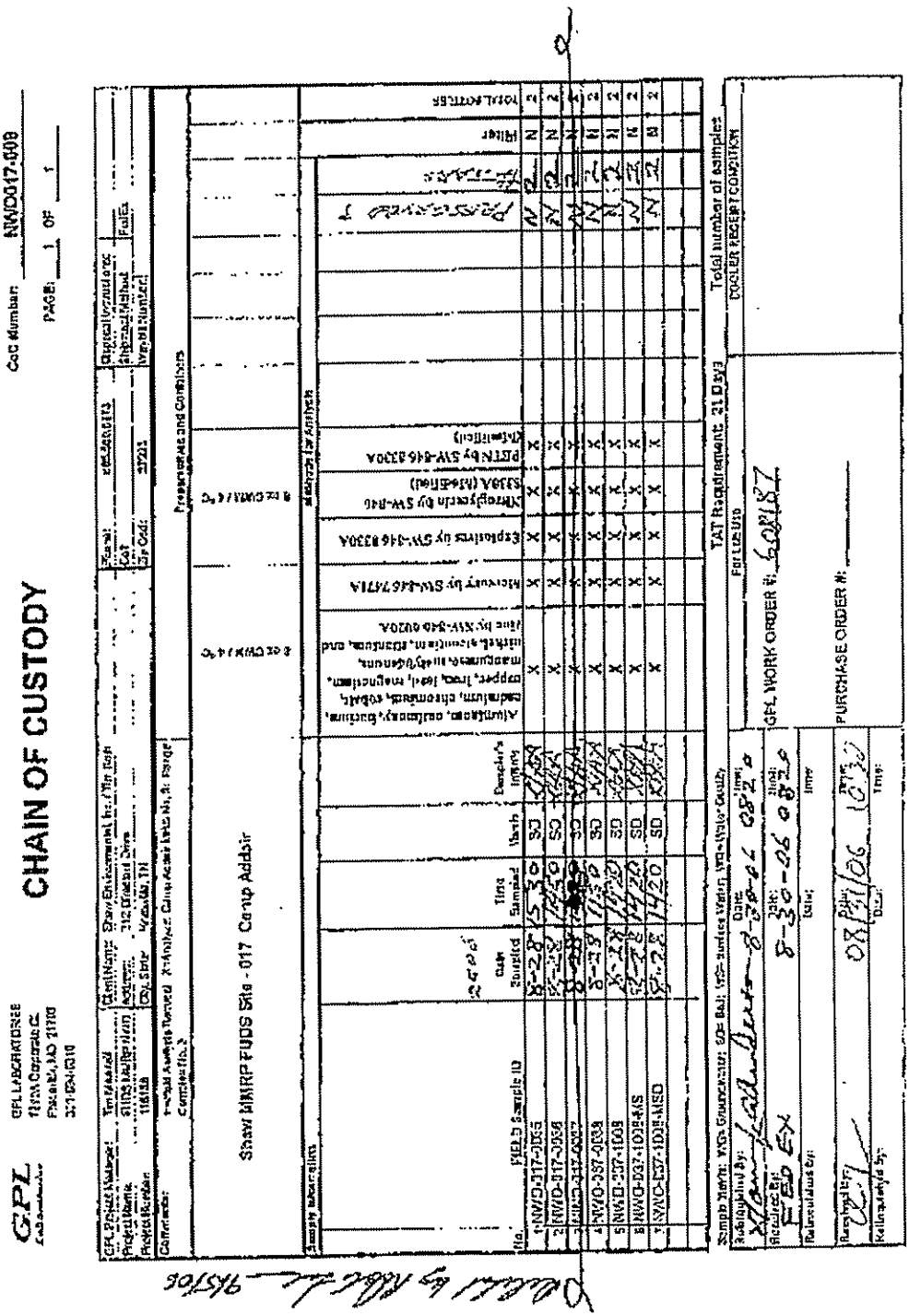
U	Indicates that the compound was analyzed for but not detected
BQL	Below Quantitation Limit

Organics

B	Indicates that the analyte was found in the associated blank as well as in the sample
D	Indicates that the analyte was reported from a diluted analysis
E	Indicates that the concentration detected exceeded the calibration range of the instrument
J	Value is less than the reporting limit but greater than the MDL
P	Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

J	Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL
E	Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)
H	Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit
D	Indicates that the analyte was reported from a diluted analysis
N	Spiked sample recovery not within control limits
*	Duplicate analysis not within control limits



GPL LABORATORIES
7210A Corporate Ct.
Frederick, MD 21703
301-694-5310

CHAIN OF CUSTODY

COC Number: NWD017-608

PAGE: 1 OF 1

Shaw Environmental, Inc. / Tim Bath
312 Directors Drive
Knoxville, TN
37923

Shaw MMRP FUDS Site - 017 Camp Addair

No.	Field Sample ID	Date Collected	Time Sampled	Matrix	Sample Quantity	Aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc by SW-846 6020A	Mercury by SW-846 7471A	Explosives by SW-846 8330A	Nitroglycerin by SW-846 8330A (Modified)	PETN by SW-846 8330A (Modified)	Preservatives	Filter	TOTAL BOTTLES
1	NWD-017-0056	8-28-06	1330	SO	30	X	X	X	X	X	N	N	2
2	NWD-017-0056	8-28-06	1330	SO	30	X	X	X	X	X	N	N	2
3	NWD-017-0057	8-28-06	1400	SO	30	X	X	X	X	X	N	N	2
4	NWD-017-0058	8-28-06	1400	SO	30	X	X	X	X	X	N	N	2
5	NWD-017-1008	8-28-06	1420	SO	30	X	X	X	X	X	N	N	2
6	NWD-017-1008-MS	8-28-06	1420	SO	30	X	X	X	X	X	N	N	2
7	NWD-017-1008-MSD	8-28-06	1420	SO	30	X	X	X	X	X	N	N	2

Sample Matrix: WW-Groundwater; SO-Soil; WO-Surface Water; WW-Water; Other

Relinquished By: [signature] Date: 8-29-06 Time: 0820

Received By: FED EX Date: 8-30-06 Time: 0820

Relinquished By: Date: Time:

Received By: Date: Time:

Relinquished By: Date: 08/31/06 Time: 1615

Received By: Date: Time:

TAT Requirements: 21 Days

For Lab Use

GPL WORK ORDER #: 608187

PURCHASE ORDER #: _____

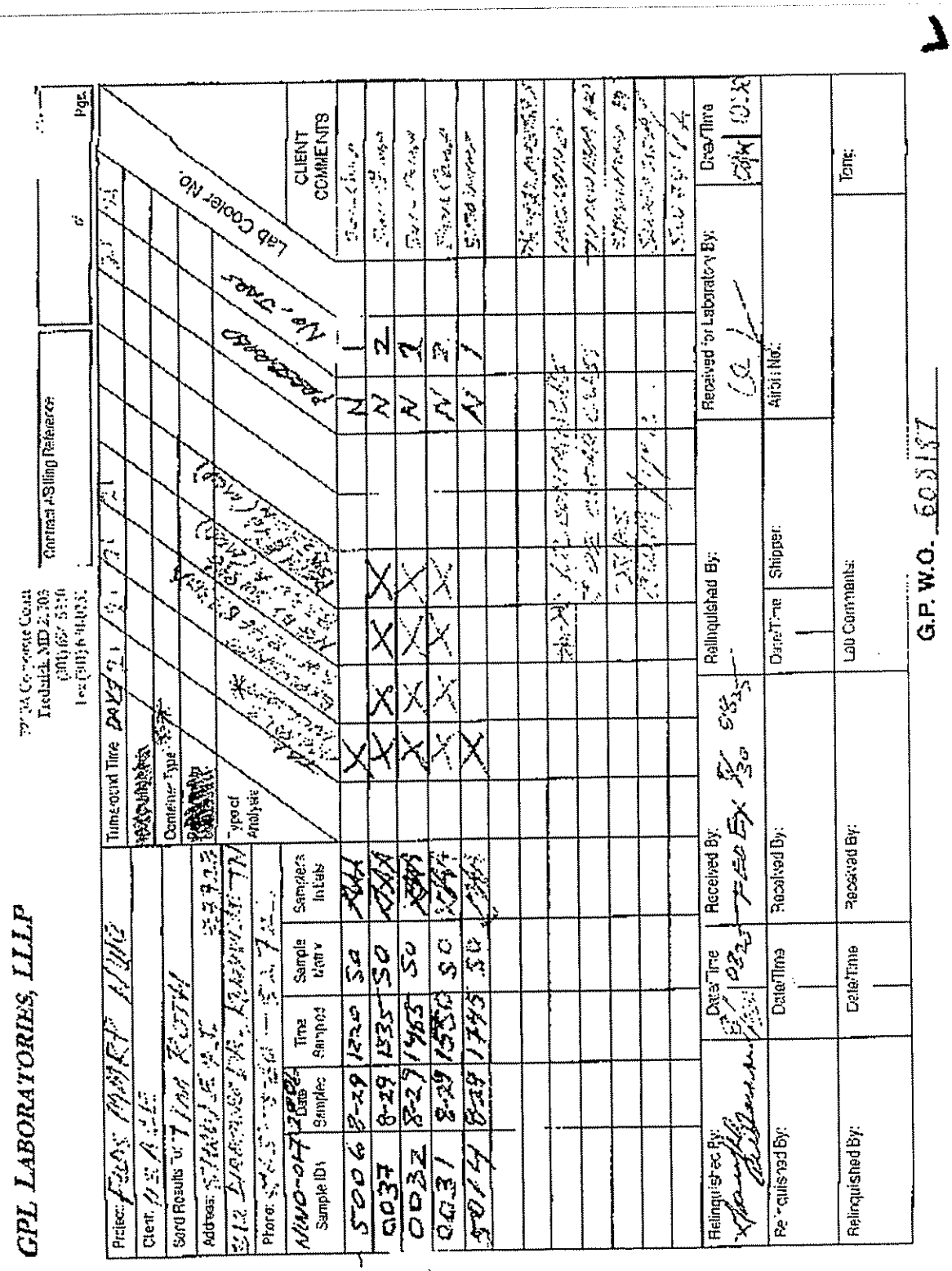
Total number of samples in cooler

COOLER RECEIPT CONDITION

Camp Adair/Adair AFS - Appendix F

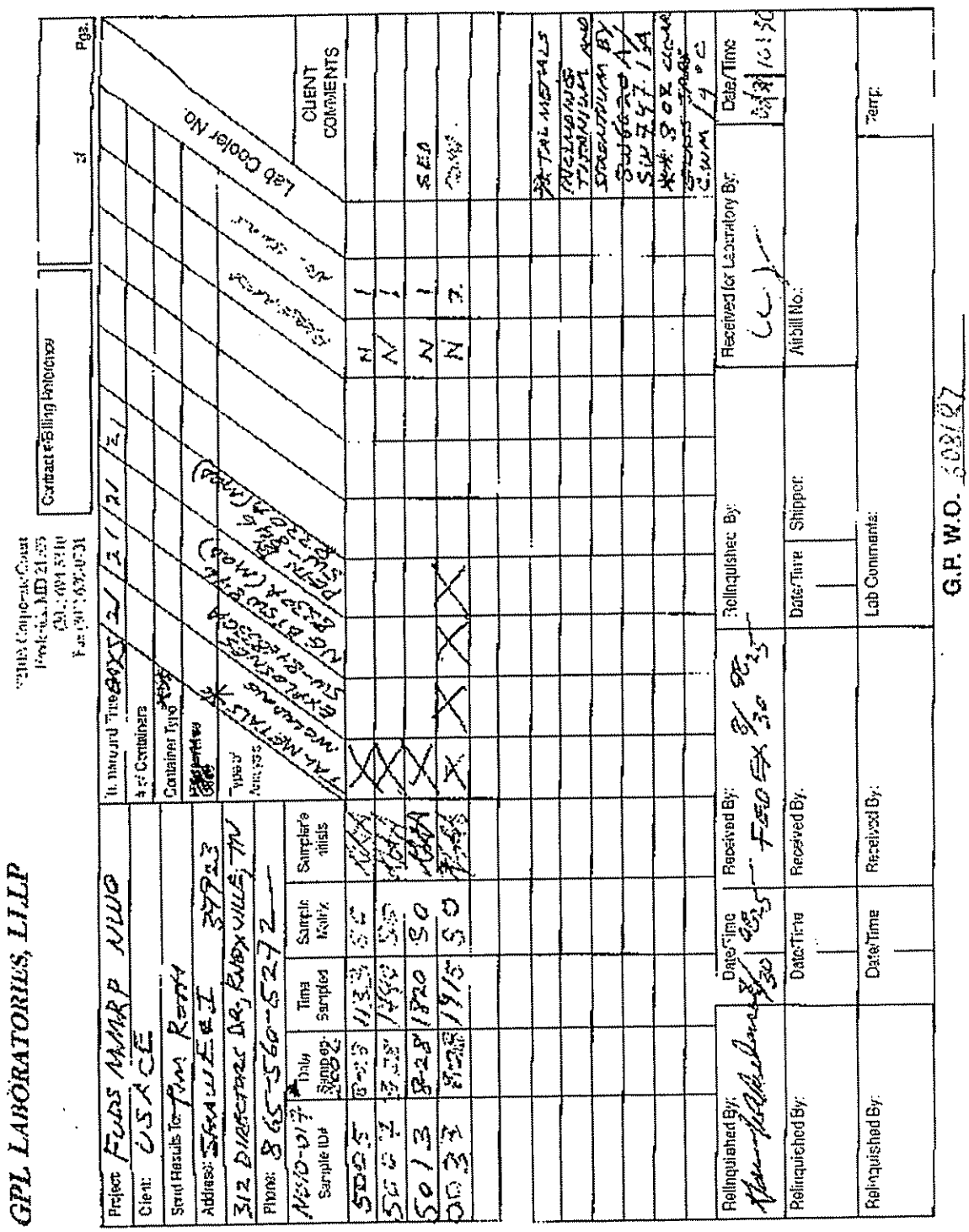
200-1e

F10OR002908_01.09_0505_a 1667



Camp Adair/Adair AFS - Appendix F

200-1e
F10OR002908_01.09_0505_a 1668



Camp Adair/Adair AFS - Appendix F

200-1e
F10OR002908_01.09_0505_a 1669

FedEx Express Billable Stamp

1 From

FEDEX#: 00685473 - 1

TIM ROTH

SHAW ENVIRONMENTAL

PH: (865) 560-5272

Expiration Date May 19 2008

FedEx Priority Overnight

Release Signature

2 To

GPL LABS

7210 A CORPORATE CT.

FREDERICK, MD 21703

(301)694-5310

Form ID 0561

8546 9918 7226

FedEx Express Billable Stamp

1 From

FEDEX#: 00685473 - 1

TIM ROTH

SHAW ENVIRONMENTAL

PH: (865) 560-5272

Expiration Date May 19 2008

FedEx Priority Overnight

Release Signature

2 To

GPL LABS

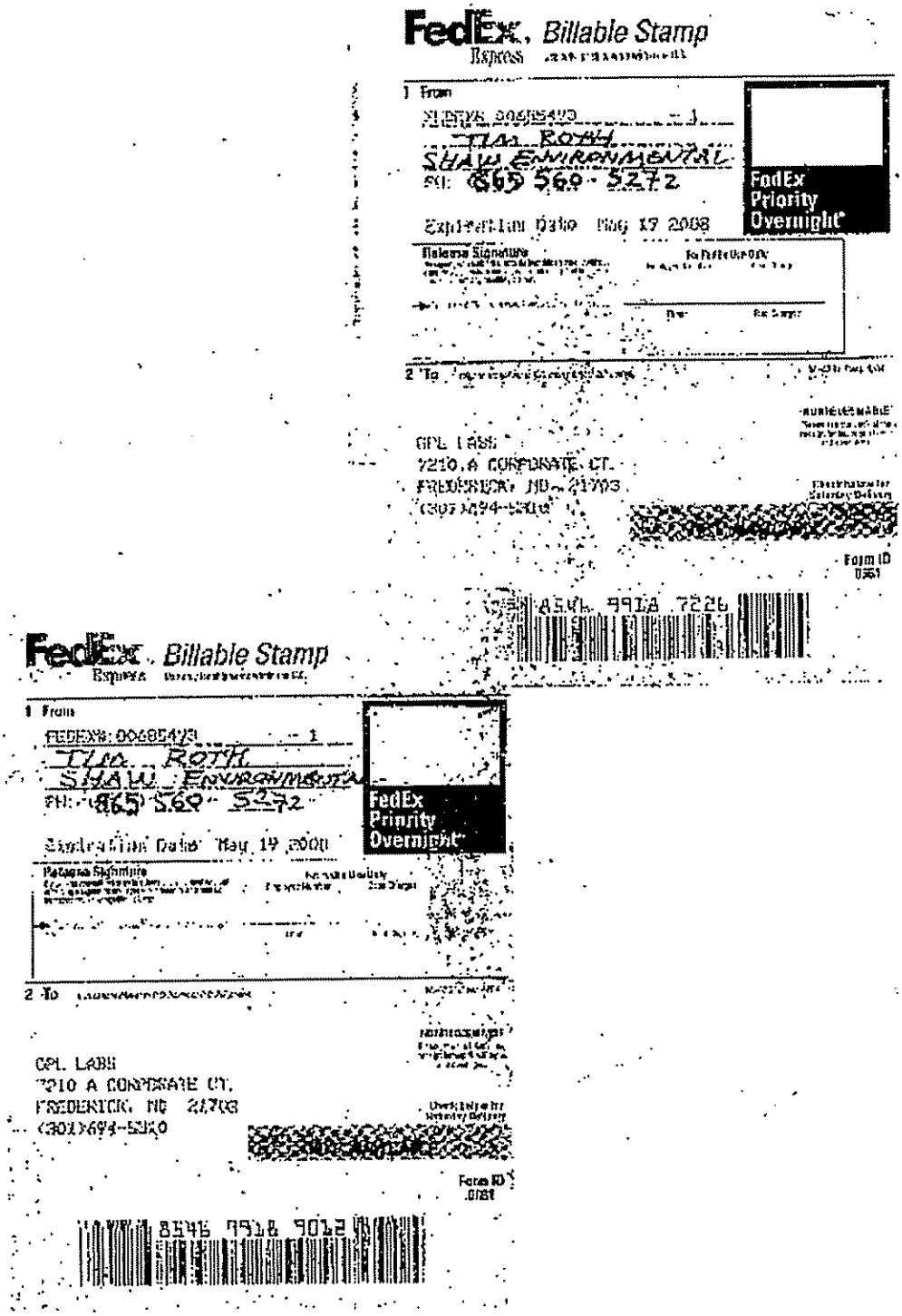
7210 A CORPORATE CT.

FREDERICK, MD 21703

(301)694-5310

Form ID 0561

8546 9918 9012



GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 608187
Client Name: Shaw
Date Received: 08/31/06
Time Received: 10:30
Received By: Chris

Carrier Name: FedEx
Prepared (Logged In) By: CL / 08/31/06 (Initials / Date)
Project: _____
Site: _____
VOA Hoding Bank I.D. No: _____

	YES	NO
Air Bill/Manifest Present?	✓	
No 006 854 93		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container?	✓	
Condition: broken ____		
Hard not dated or signed ____		
Intact-dated and signed ✓		
Usage of Tamper Evident Tape	✓	
Chain-of-Custody Present?	✓	
Chain of Custody Agrees with Sample Labels?	✓	
Chain-of Custody Signed?	✓	
Packing Present in Shipping Container?	✓	
Type of Packing Bubble Wrap		
Custody seals on Sample Bottles?		✓
Condition: Good ____ broken ____		
Total Number of Sample Bottles 25		
Total Number of Samples 14		
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks: No. of Sets ____		✓
Field Blanks: No. of Sets ____		✓
Equip. Blank: No. of Sets ____		✓
Field Duplicate. No. of Sets ____		✓
MS/MSD: No of Sets ____		✓
VOA Vials Have Zero Headspace?		NA
If no, smaller or greater than a Green Pea (see comments)		
Preservatives Added to Sample?		✓
pH Check Recalled?		✓
Performed By? ____		✓
Ice Present in Shipping Container?	✓	

Container #	Temp	Container #	Temp
1	2.6		

Project Manager Contacted?
Name: Tim
Date Contacted: 8/31/06

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or containers, they should be marked NA!

COMMENTS: NWD-017-0037 is on the CoC Twice

Checklist Completed By: Chris Lyons
Date: 08/31/06

SOP No F-2V1s

LOW IMPACT EXPLOSIVES AND PROPELLANTS

GPL Laboratories

A. QC Summary

1. Surrogate Percent Recovery Summary

2. Matrix Spike/Matrix Spike Duplicate Summary

3. Laboratory Control Standard Summary
   (where applicable)

4. Method Blank Summary

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8330A** **SDG No : 608187**

Surrogate	NO2ANIL4
Lower QC Limits	**31**
Upper QC Limits	**129**
Sample ID	
BKS93643	99
BLK93643	106
NWO-017-0031	76
NWO-017-0032	87
NWO-017-0033	93
NWO-017-0035	86
NWO-017-0036	100
NWO-017-0037	95
NWO-037-0038	88
NWO-037-1008	91
NWO-037-1008MS	98
NWO-037-1008MSD	102

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-037-1008MSD

Lab Name : GPL Laboratories SDG NO : 608187 Method : SW8330A

Lab Code : GPL Lab Sample ID : 608187-005-004-1/3MSD Matrix : SOIL Analysis Date : 09/20/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	.5	.5	0.0	0.51	0.51	102	102	0	25	75-125
1,3-Dinitrobenzene	.5	.5	0.0	0.52	0.53	104	106	2	25	80-125
2,4,6-Trinitrotoluene	.5	.5	0.0	0.57	0.57	114	114	0	25	55-140
2,4-Dinitrotoluene	.5	.5	0.0	0.48	0.49	96	98	2	25	80-125
2,6-Dinitrotoluene	.5	.5	0.0	0.62	0.60	124 *	120	3	25	80-120
2-Amino-4,6-Dinitrotoluene	.5	.5	0.0	0.53	0.53	106	106	0	25	80-125
4-Amino-2,6-Dinitrotoluene	.5	.5	0.0	0.50	0.50	100	102	2	25	80-125
HMX	.5	.5	0.0	0.57	0.56	114	112	2	25	75-125
Nitrobenzene	.5	.5	0.0	0.50	0.49	98	98	0	25	75-125
RDX	.5	.5	0.0	0.42	0.44	84	88	5	25	70-135
Tetryl	.5	.5	0.0	0.53	0.53	106	106	0	25	10-150
m-Nitrotoluene	.5	.5	0.0	0.51	0.51	102	102	0	25	75-120
o-Nitrotoluene	.5	.5	0.0	0.51	0.52	102	104	2	25	80-125
p-Nitrotoluene	.5	.5	0.0	0.47	0.48	94	98	4	25	75-125

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 14 Outside Limit
Spike Recovery : 1 Out of 28 outside limit

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-037-1008MSD

Lab Name : GPL Laboratories SDG NO : 608187 Method : SW8330

Lab Code : GPL Lab Sample ID : 608187-005-004-1/3MSD Matrix : SOIL Analysis Date : 09/20/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Nitroglycerine	10	10	0.0	13	13	130	130	0	25	50-150

SAMPLE NO
NWO-037-1008MSD

Lab Name : GPL Laboratories SDG NO : 608187 Method : SW8330

Lab Code : GPL Lab Sample ID : 608187-005-004-1/3MSD Matrix : SOIL Analysis Date : 09/21/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Pentaerythritol Tetranitrate	.4	.4	0.0	0.60	0.60	150	150	0	25	77-150

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 2 Outside Limit
Spike Recovery : 0 Out of 4 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93643

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330A

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608187
Lab Sample ID : BKS93643
Analysis Date : 09/19/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	.5	0	0.40	80	75-125
1,3-Dinitrobenzene	.5	0	0.49	98	80-125
2,4,6-Trinitrotoluene	.5	0	0.52	104	55-140
2,4-Dinitrotoluene	.5	0	0.46	92	80-125
2,6-Dinitrotoluene	.5	0	0.54	108	80-120
2-Amino-4,6-Dinitrotoluene	.5	0	0.50	100	80-125
4-Amino-2,6-Dinitrotoluene	.5	0	0.47	94	80-125
HMX	.5	0	0.52	104	75-125
Nitrobenzene	.5	0	0.48	96	75-125
RDX	.5	0	0.45	90	70-135
Tetryl	.5	0	0.33	66	10-150
m-Nitrotoluene	.5	0	0.46	92	75-120
o-Nitrotoluene	.5	0	0.50	100	80-125
p-Nitrotoluene	.5	0	0.47	94	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93646

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608187
Lab Sample ID : BKS93646
Analysis Date : 09/20/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Nitroglycerine	10	0	12	120	50-150

* Values Outside of QC Limits.

Spike recovery : 0 out of 1 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93643

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93643
Lab File ID :	LA16284.D	SDG NO :	608187
Date Analyzed	09/19/2006	Lab Sample ID :	BLK93643
Date Extracted :	09/07/2006	Time Analyzed :	22:06
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93643	BKS93643	LA16285.D	09/19/2006
NWO-037-1008MS	608187-005-004-1/3MS	LA16286.D	09/20/2006
NWO-037-1008MSD	608187-005-004-1/3MSD	LA16287.D	09/20/2006
NWO-017-0033	608187-013-024-1/1	LA16291.D	09/20/2006
NWO-017-0035	608187-001-014-1/1	LA16295.D	09/20/2006
NWO-017-0036	608187-002-015-1/1	LA16296.D	09/20/2006
NWO-017-0037	608187-003-016-1/1	LA16297.D	09/20/2006
NWO-037-0038	608187-004-017-1/1	LA16298.D	09/20/2006
NWO-037-1008	608187-005-004-1/3	LA16299.D	09/20/2006
NWO-017-0032	608187-007-022-1/1	LA16300.D	09/20/2006
NWO-017-0031	608187-008-023-1/1	LA16301.D	09/20/2006

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93646

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93646
Lab File ID :	LA16284.D	SDG NO :	608187
Date Analyzed	09/19/2006	Lab Sample ID :	BLK93646
Date Extracted :	09/07/2006	Time Analyzed :	22:06
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93646	BKS93646	LA16288.D	09/20/2006
NWO-037-1008MS	608187-005-004-1/3MS	LA16289.D	09/20/2006
NWO-037-1008MSD	608187-005-004-1/3MSD	LA16290.D	09/20/2006
NWO-017-0033	608187-013-024-1/1	LA16291.D	09/20/2006
NWO-017-0035	608187-001-014-1/1	LA16295.D	09/20/2006
NWO-017-0036	608187-002-015-1/1	LA16296.D	09/20/2006
NWO-017-0037	608187-003-016-1/1	LA16297.D	09/20/2006
NWO-037-0038	608187-004-017-1/1	LA16298.D	09/20/2006
NWO-037-1008	608187-005-004-1/3	LA16299.D	09/20/2006
NWO-017-0032	608187-007-022-1/1	LA16300.D	09/20/2006
NWO-017-0031	608187-008-023-1/1	LA16301.D	09/20/2006

B. Sample Data

1. TCL Results

2. Chromatographs from Primary and Confirmatory Analyses

3. Integration Report for Primary and Confirmatory Analyses

GPL Laboratories

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0035

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-001-014-1/1
Sample Volume :	10.03	Lab File ID :	LA16295.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0035

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-001-014-1/1
Sample Volume :	10.03	Lab File ID :	LA16295.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16295.D Vial: 68
Acq On : 20 Sep 2006 9:00 Operator: AG
Sample : 608187-001-014-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:28 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.31	16964369	129.710	ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery = 86.47%		
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

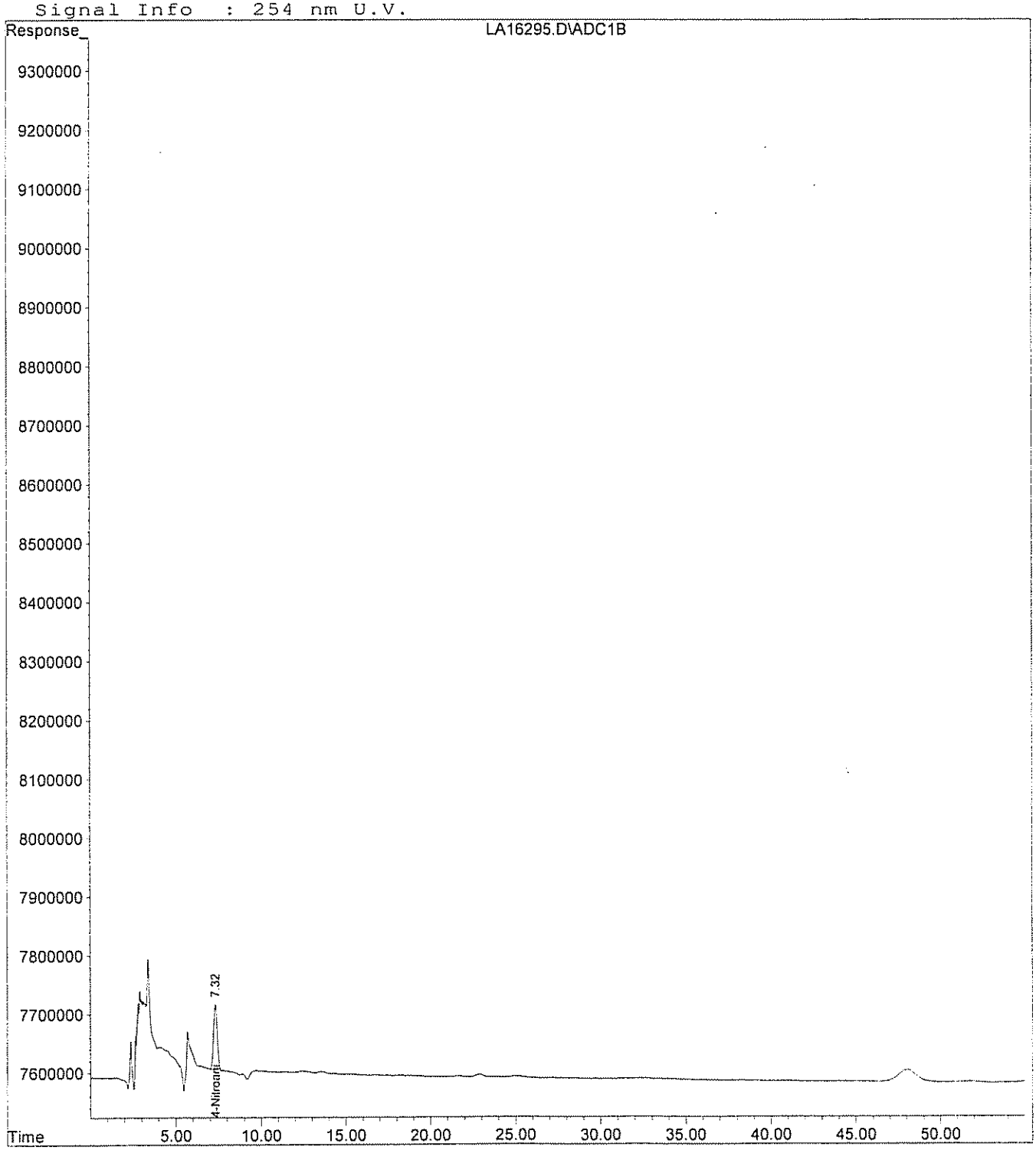
Camp Adair/Adair AFS - Appendix F 200-1e F10OR002908_01.09_0505_a 1684

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16295.D Vial: 68
Acq On : 20 Sep 2006 9:00 Operator: AG
Sample : 608187-001-014-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:28 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36430.D Vial: 3
Acq On : 28 Sep 2006 16:25 Operator: SS
Sample : 608187-001 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:10 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.66	16925591	131.834 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	87.89%
Target Compounds			

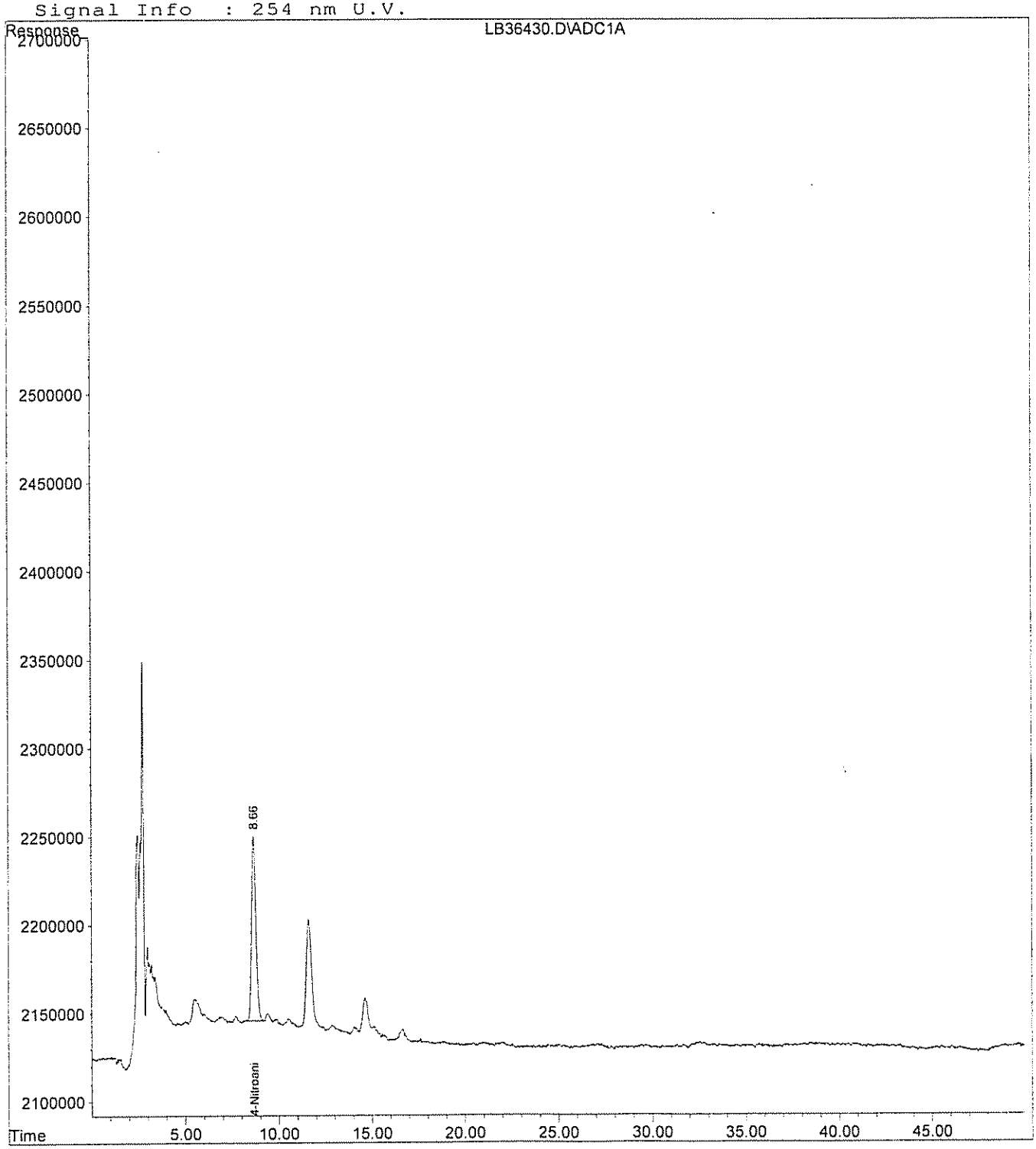
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36430.D Vial: 3
Acq On : 28 Sep 2006 16:25 Operator: SS
Sample : 608187-001 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:10 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16295.D Vial: 68
Acq On : 20 Sep 2006 9:00 Operator: AG
Sample : 608187-001-014-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.31	16952430	138.288	PPB	
Spiked Amount 300.000	Recovery = 46.10%				
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

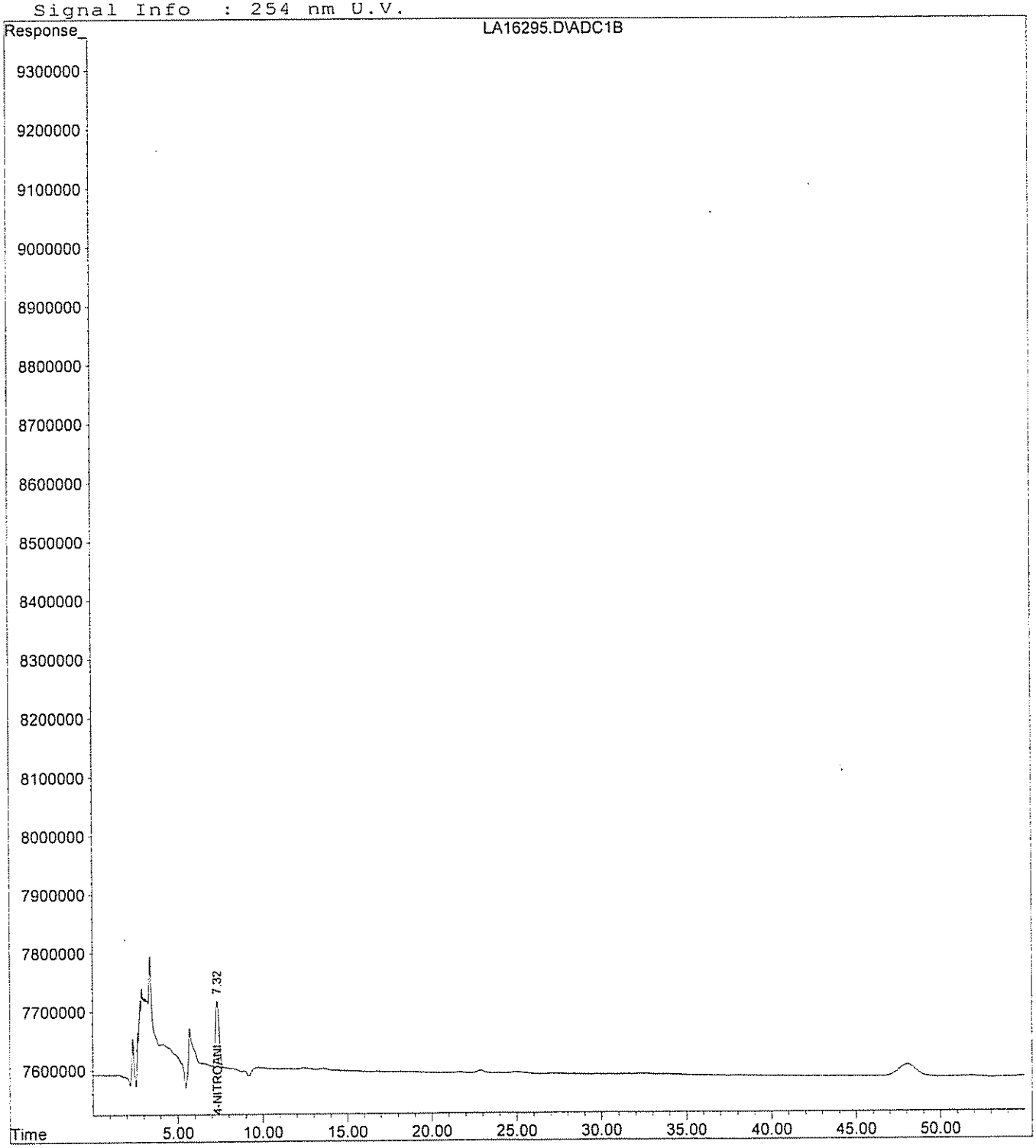
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16295.D Vial: 68
Acq On : 20 Sep 2006 9:00 Operator: AG
Sample : 608187-001-014-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36430.D Vial: 3
Acq On : 28 Sep 2006 16:25 Operator: SS
Sample : 608187-001 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:47 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.66	16944612	161.778	PPB
Spiked Amount 300.000	Recovery = 53.93%			
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

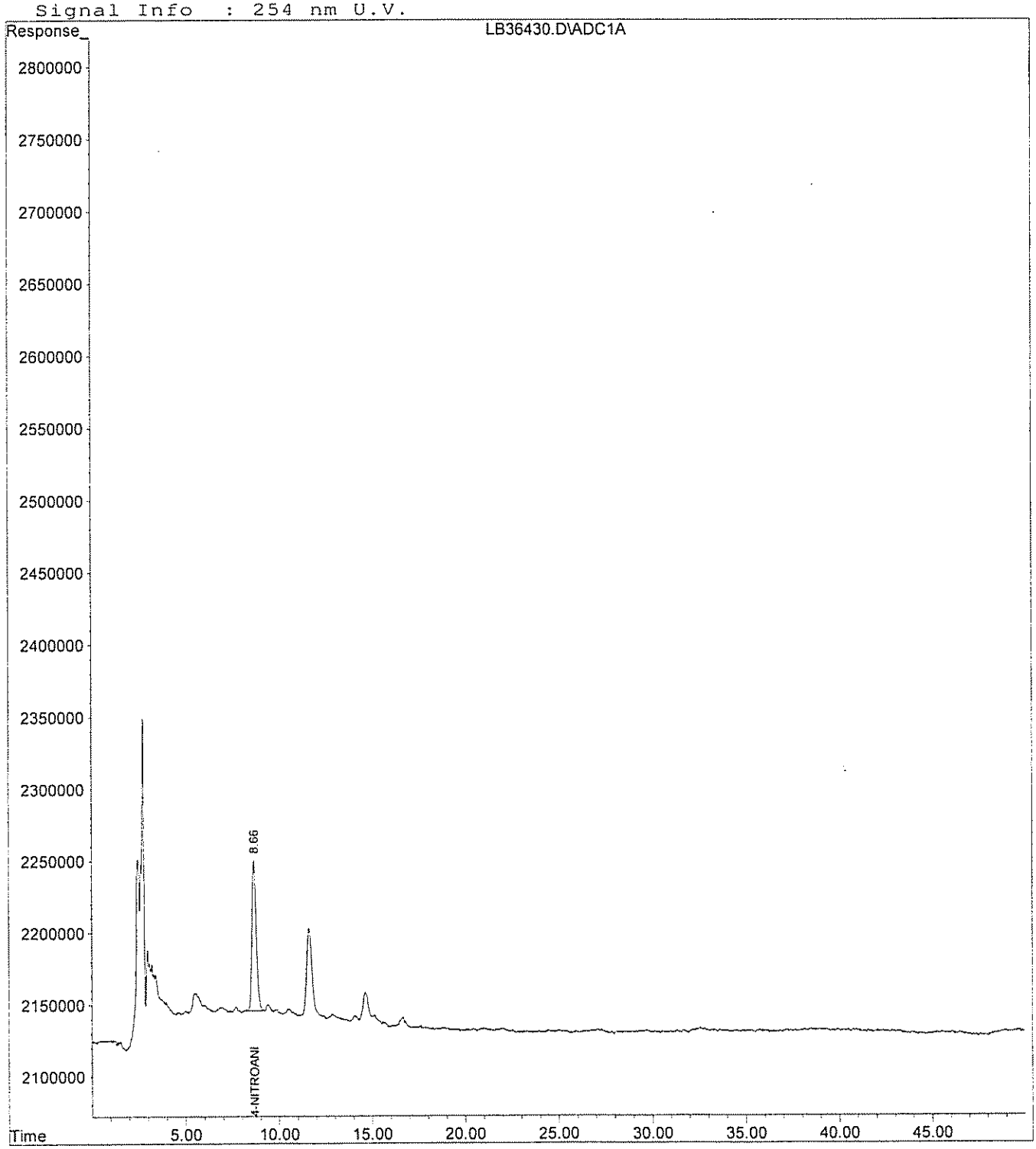
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36430.D Vial: 3
Acq On : 28 Sep 2006 16:25 Operator: SS
Sample : 608187-001 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:47 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0036

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-002-015-1/1
Sample Volume :	10	Lab File ID :	LA16296.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.021	J
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0036

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-002-015-1/1
Sample Volume :	10	Lab File ID :	LA16296.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16296.D Vial: 69
Acq On : 20 Sep 2006 10:00 Operator: AG
Sample : 608187-002-015-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:28 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.31	19713324	150.728 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery = 100.49%	
Target Compounds			
7) T 2,6-Dinitrotoluene	32.50	1187543	5.304 ng/mlm

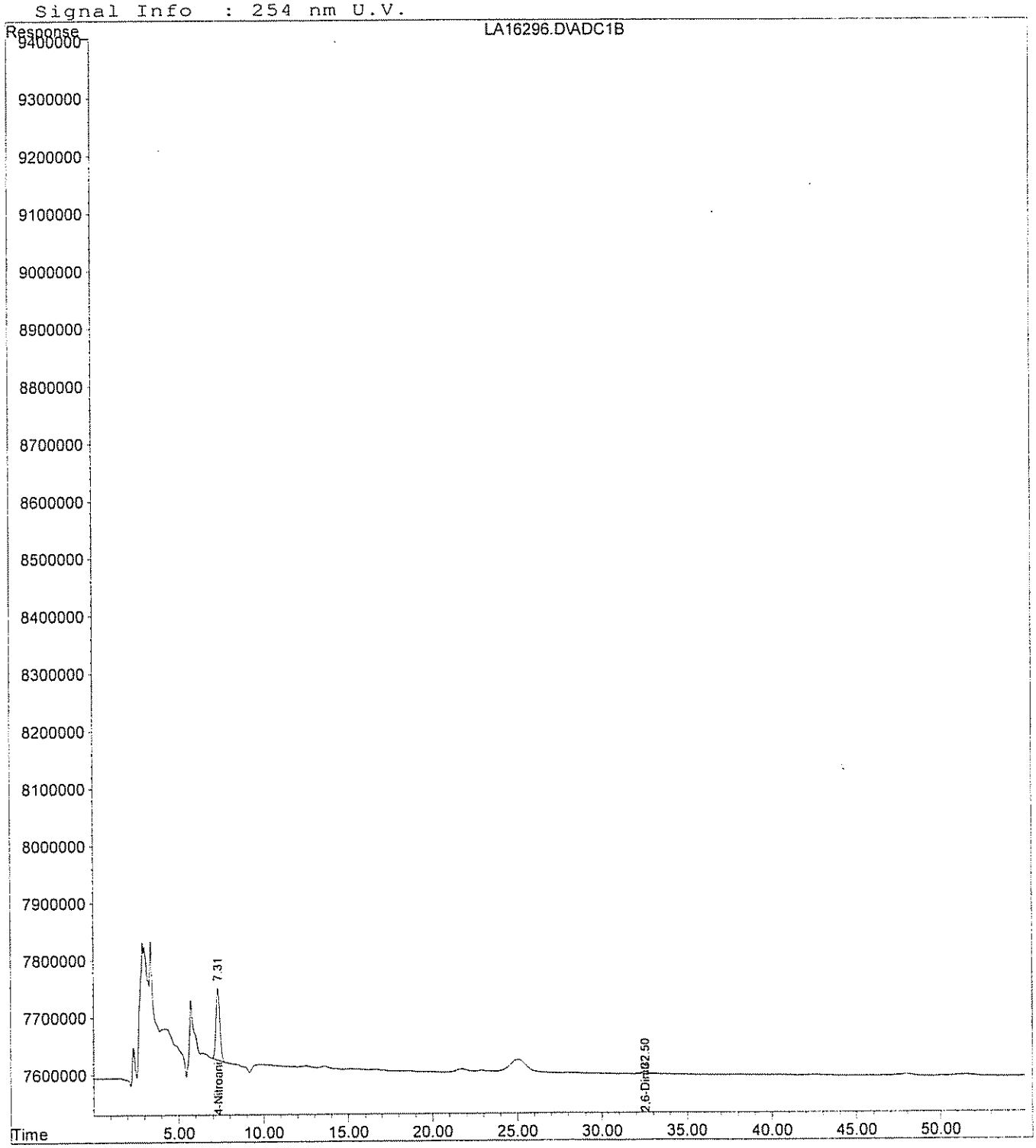
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16296.D Vial: 69
Acq On : 20 Sep 2006 10:00 Operator: AG
Sample : 608187-002-015-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:28 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36431.D Vial: 4
Acq On : 28 Sep 2006 17:16 Operator: SS
Sample : 608187-002 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:11 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.68	20292796	158.061 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	105.37%
Target Compounds			
7) T 2,6-Dinitrotoluene	23.22	1588546	6.273 ng/mlm

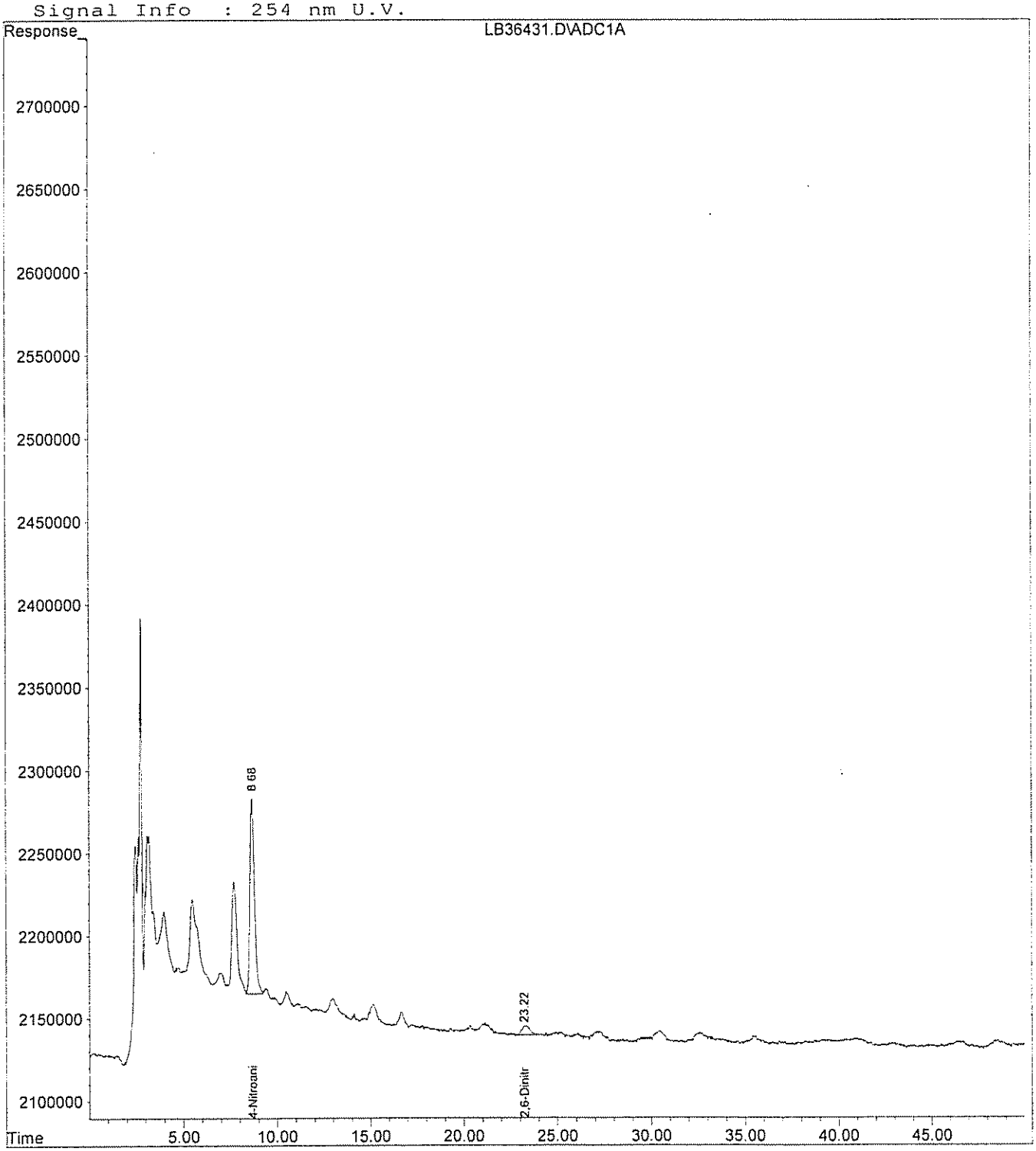
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36431.D Vial: 4
Acq On : 28 Sep 2006 17:16 Operator: SS
Sample : 608187-002 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:11 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16296.D Vial: 69
Acq On : 20 Sep 2006 10:00 Operator: AG
Sample : 608187-002-015-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 17:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	7.31	19785788	161.401 PPB
Spiked Amount 300.000		Recovery =	53.80%
Target Compounds			
2) M NITROGLYCERINE	0.00	0	N.D. PPM

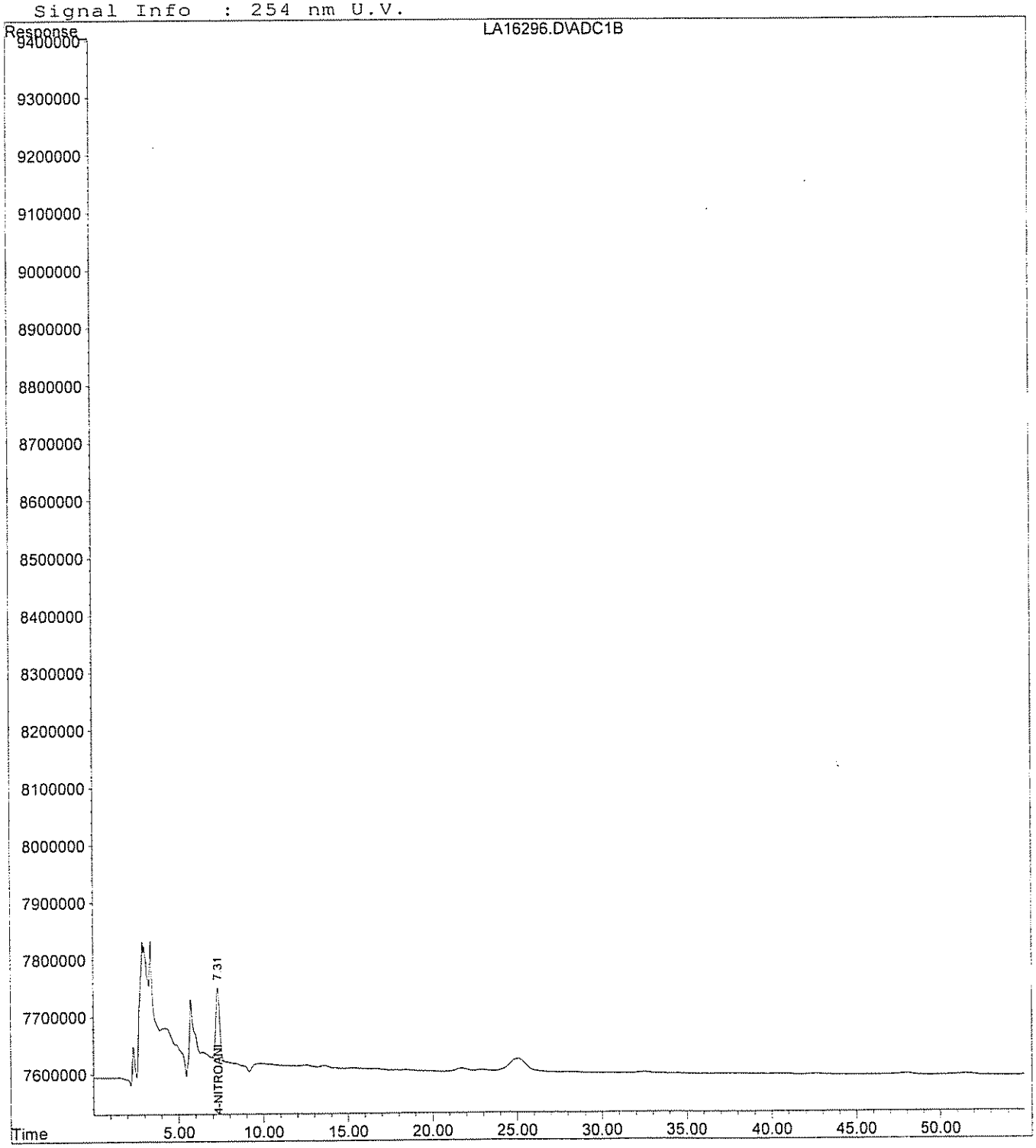
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16296.D Vial: 69
Acq On : 20 Sep 2006 10:00 Operator: AG
Sample : 608187-002-015-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 17:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0037

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-003-016-1/1
Sample Volume :	10.01	Lab File ID :	LA16297.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.020	J
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0037

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-003-016-1/1
Sample Volume :	10.01	Lab File ID :	LA16297.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16297.D Vial: 70
Acq On : 20 Sep 2006 10:59 Operator: AG
Sample : 608187-003-016-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.32	18567646	141.968 ng/mlm
Spiked Amount 150.000 Range 52 - 154 Recovery = 94.65%			
Target Compounds			
7) T 2,6-Dinitrotoluene	32.49	1114708	4.979 ng/mlm

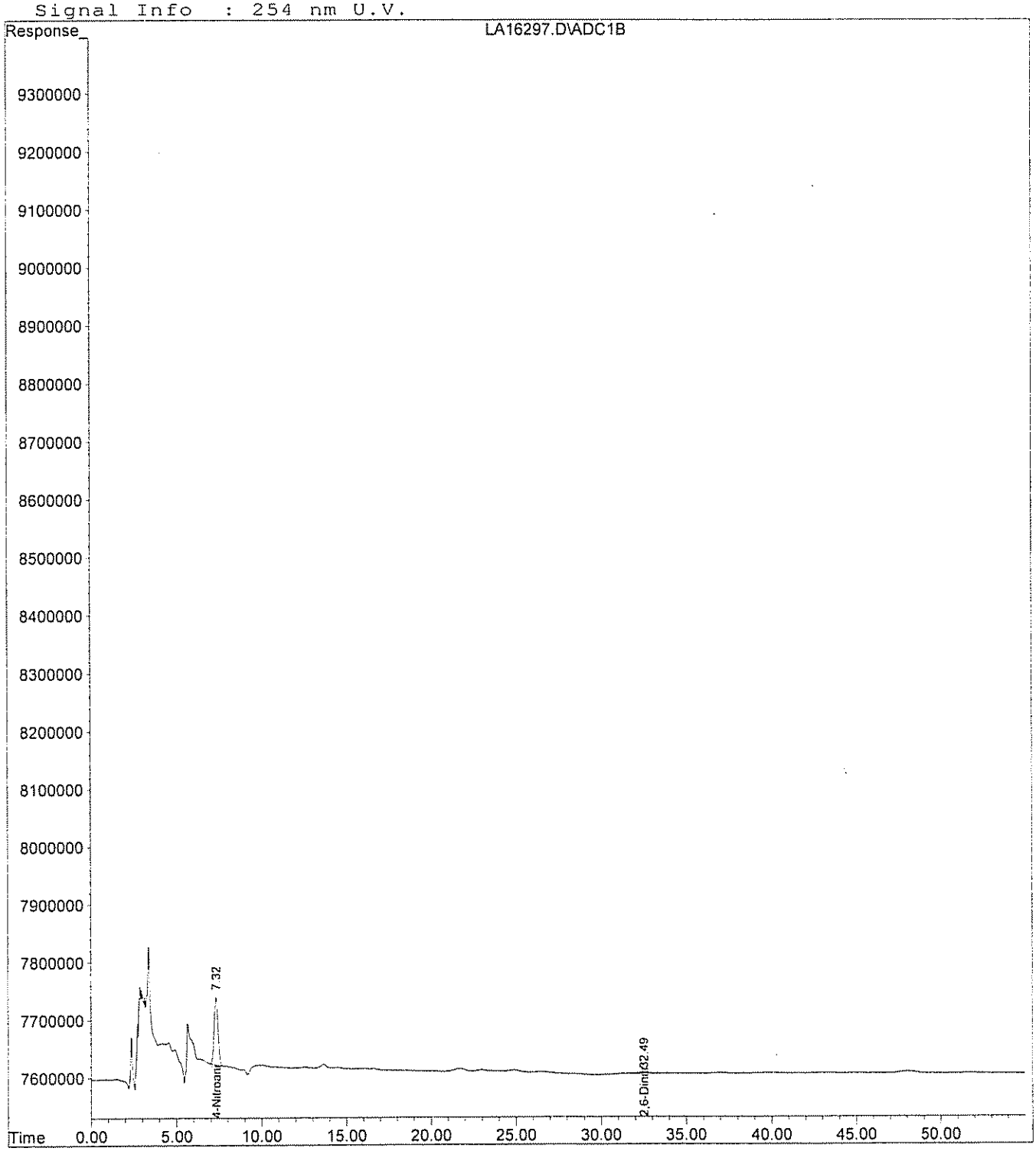
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16297.D Vial: 70
Acq On : 20 Sep 2006 10:59 Operator: AG
Sample : 608187-003-016-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36432.D Vial: 5
Acq On : 28 Sep 2006 18:07 Operator: SS
Sample : 608187-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:12 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.67	19719719	153.597 ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 102.40%			
Target Compounds			
7) T 2,6-Dinitrotoluene	23.26	860869	3.399 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

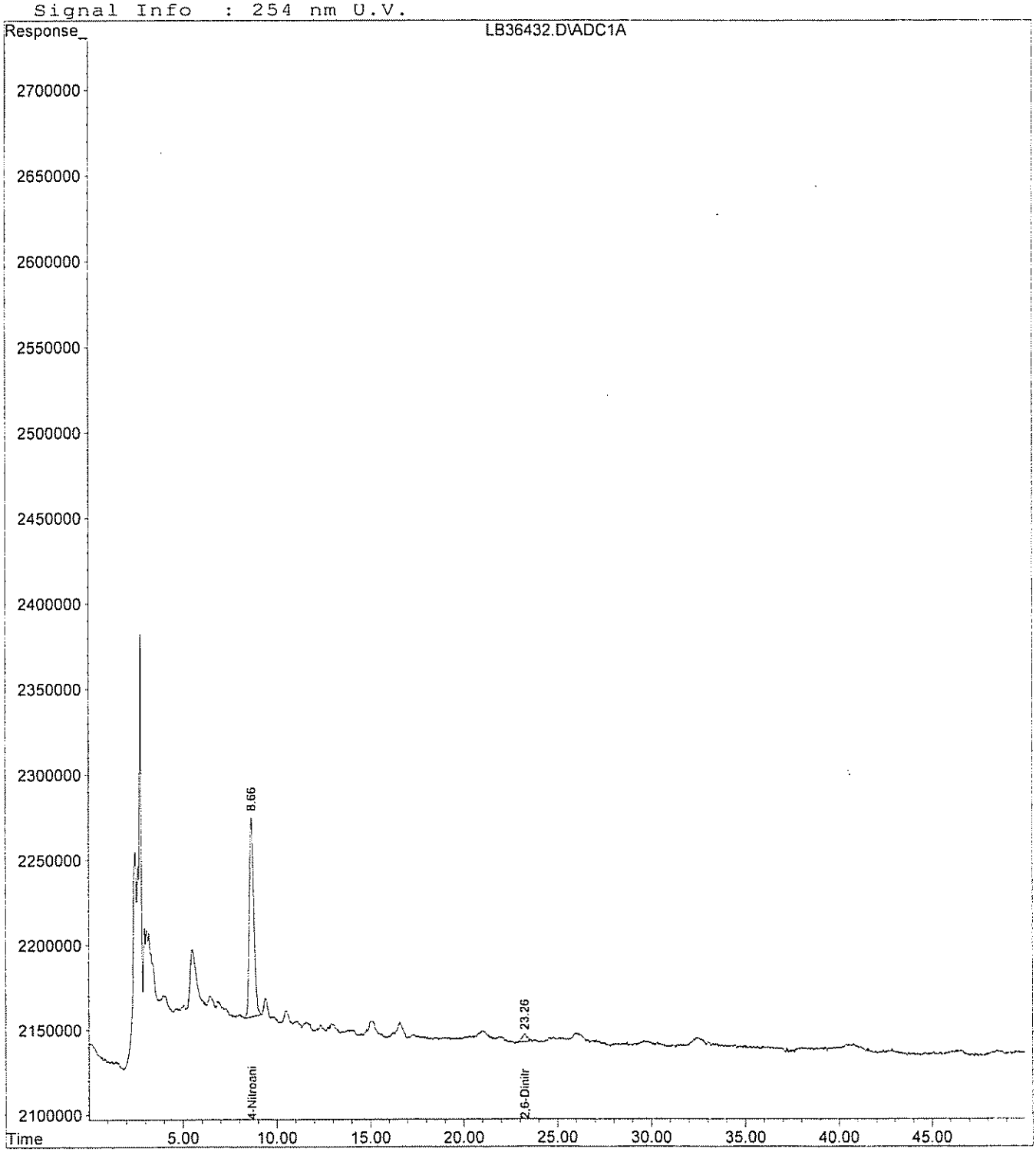
Camp Adair/Adair AFS - Appendix F F10OR002908_01.09_0505_a 1704

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36432.D Vial: 5
Acq On : 28 Sep 2006 18:07 Operator: SS
Sample : 608187-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:12 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16297.D Vial: 70
Acq On : 20 Sep 2006 10:59 Operator: AG
Sample : 608187-003-016-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 17:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.32	18353975	149.721	PPB
Spiked Amount 300.000		Recovery =	49.91%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

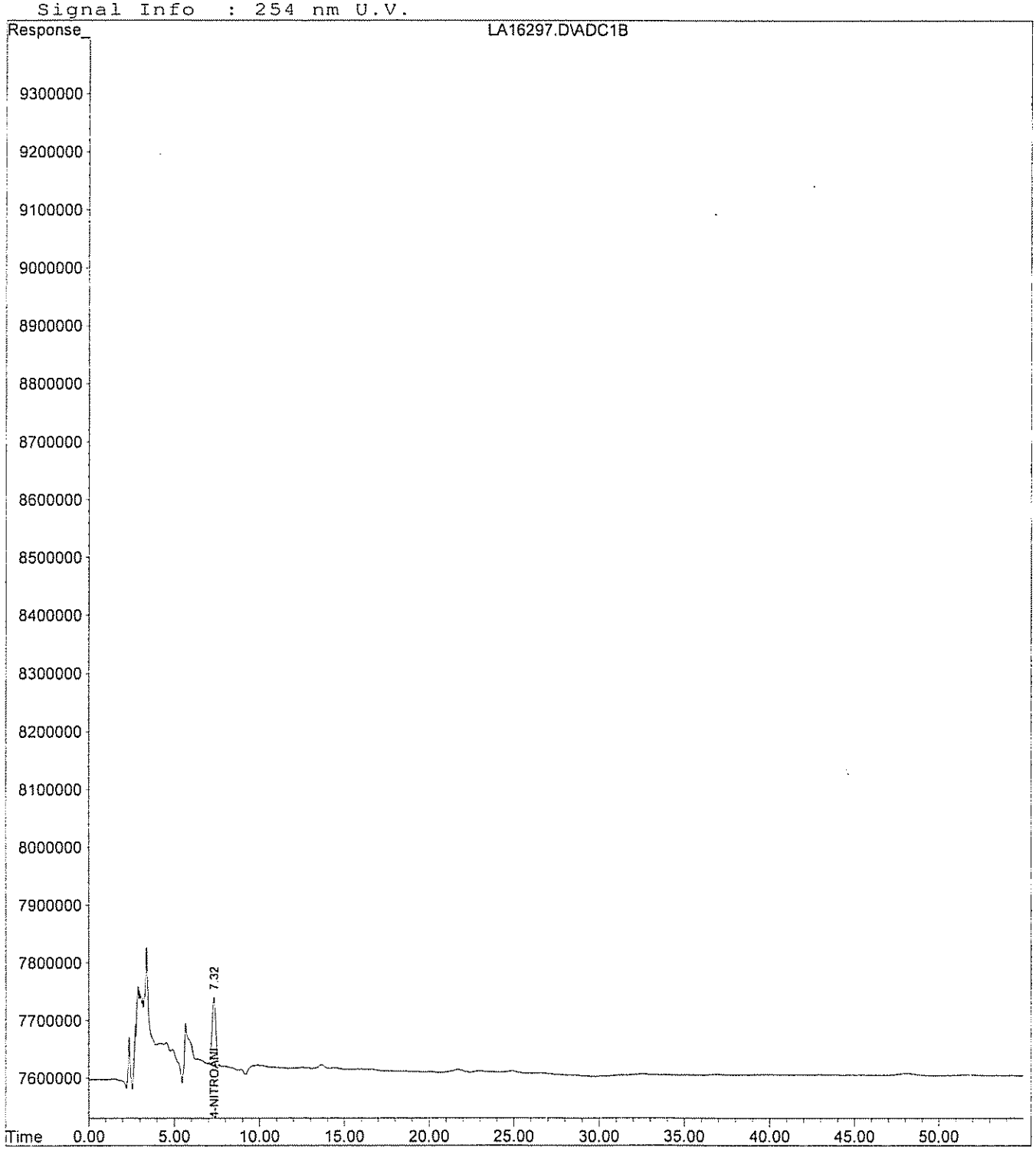
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16297.D Vial: 70
Acq On : 20 Sep 2006 10:59 Operator: AG
Sample : 608187-003-016-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 17:14 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-0038

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-004-017-1/1
Sample Volume :	10	Lab File ID :	LA16298.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-0038

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-004-017-1/1
Sample Volume :	10	Lab File ID :	LA16298.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16298.D Vial: 71
Acq On : 20 Sep 2006 11:59 Operator: AG
Sample : 608187-004-017-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.31	17220183	131.666 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	87.78%
Target Compounds			

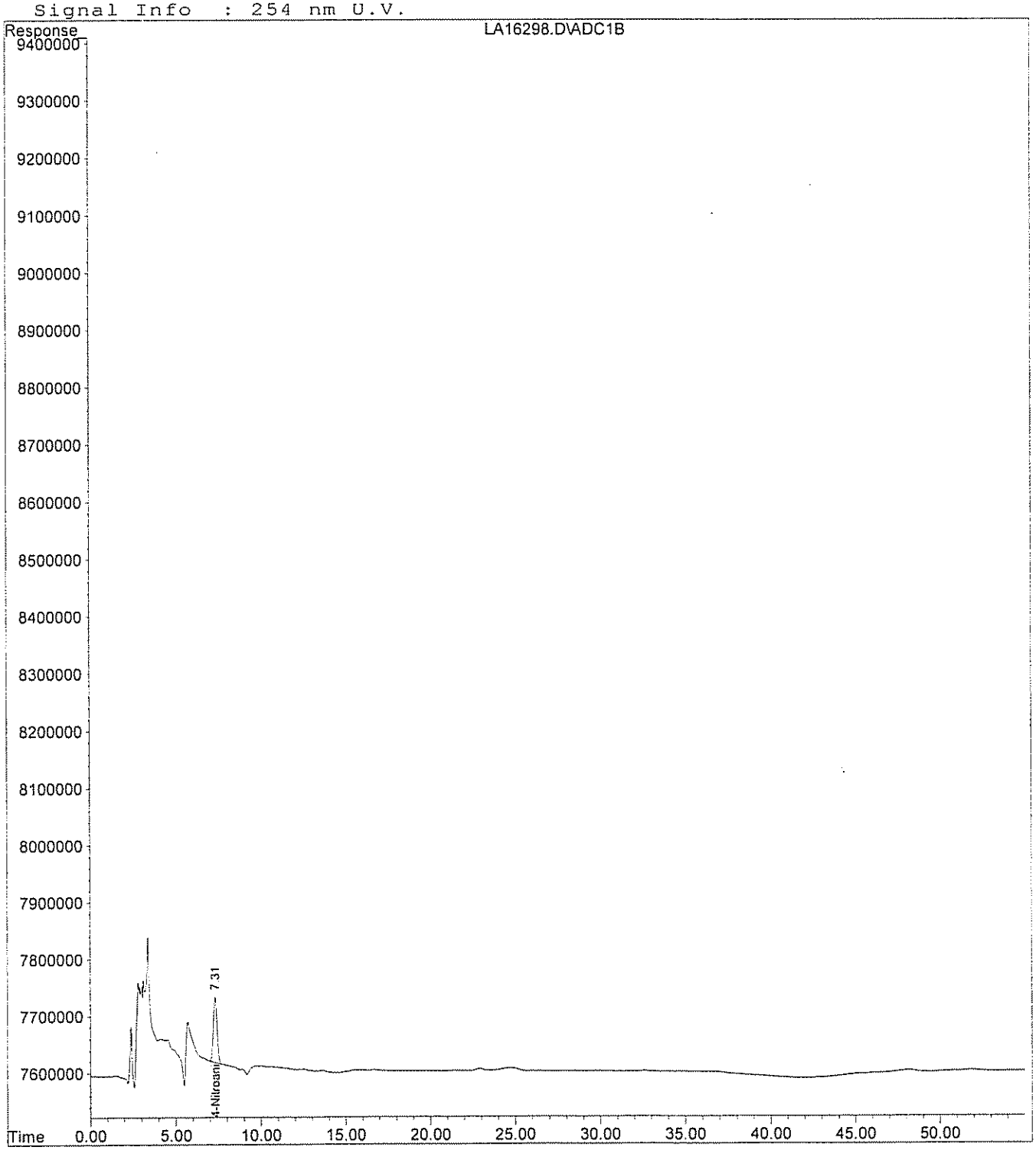
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16298.D Vial: 71
Acq On : 20 Sep 2006 11:59 Operator: AG
Sample : 608187-004-017-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:29 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36433.D Vial: 6
Acq On : 28 Sep 2006 18:58 Operator: SS
Sample : 608187-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.69	16849732	131.243 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	87.50%
Target Compounds			

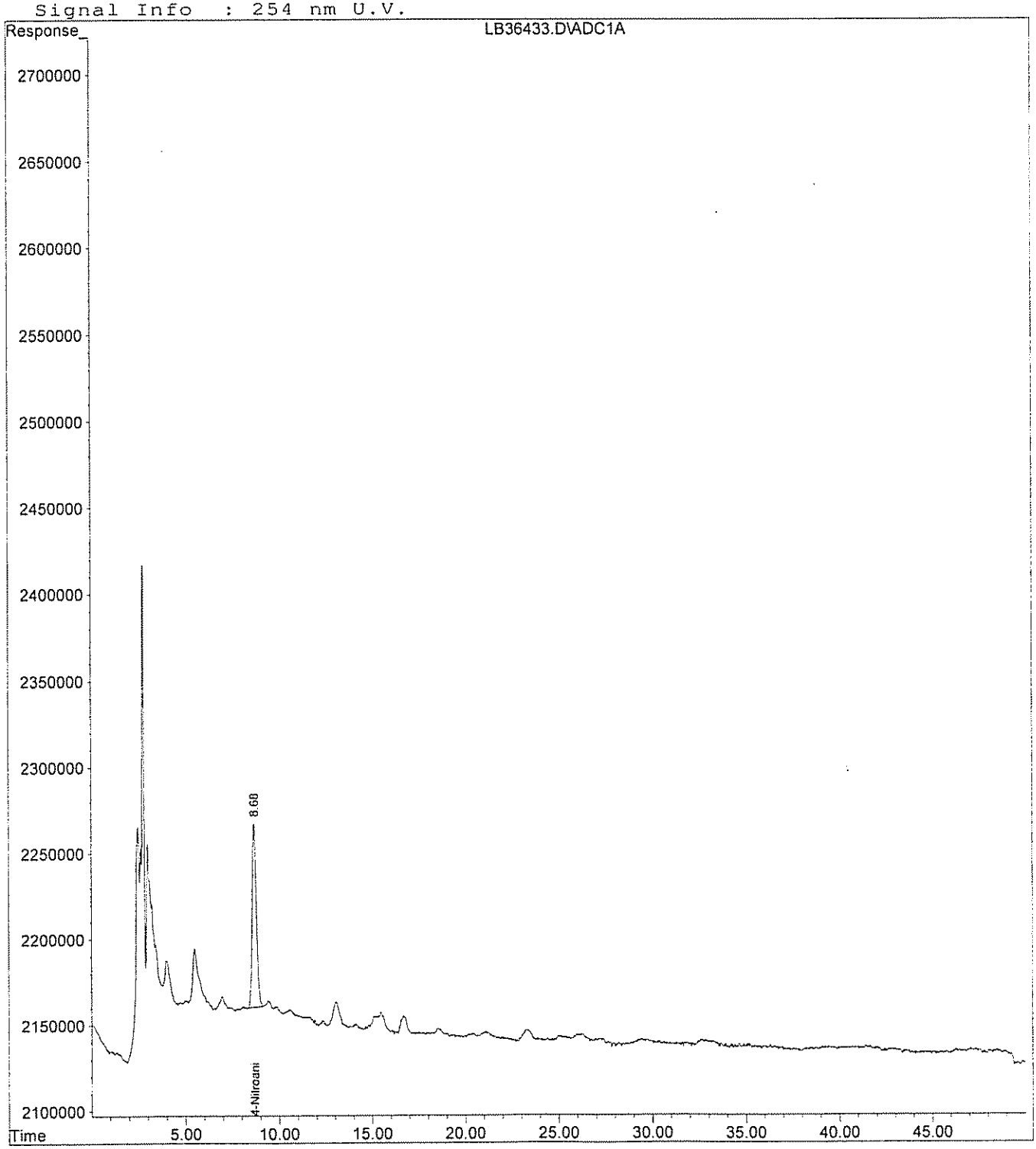
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36433.D Vial: 6
Acq On : 28 Sep 2006 18:58 Operator: SS
Sample : 608187-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16298.D Vial: 71
Acq On : 20 Sep 2006 11:59 Operator: AG
Sample : 608187-004-017-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.31	17408157	142.006	PPB	
Spiked Amount 300.000	Recovery = 47.34%				
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

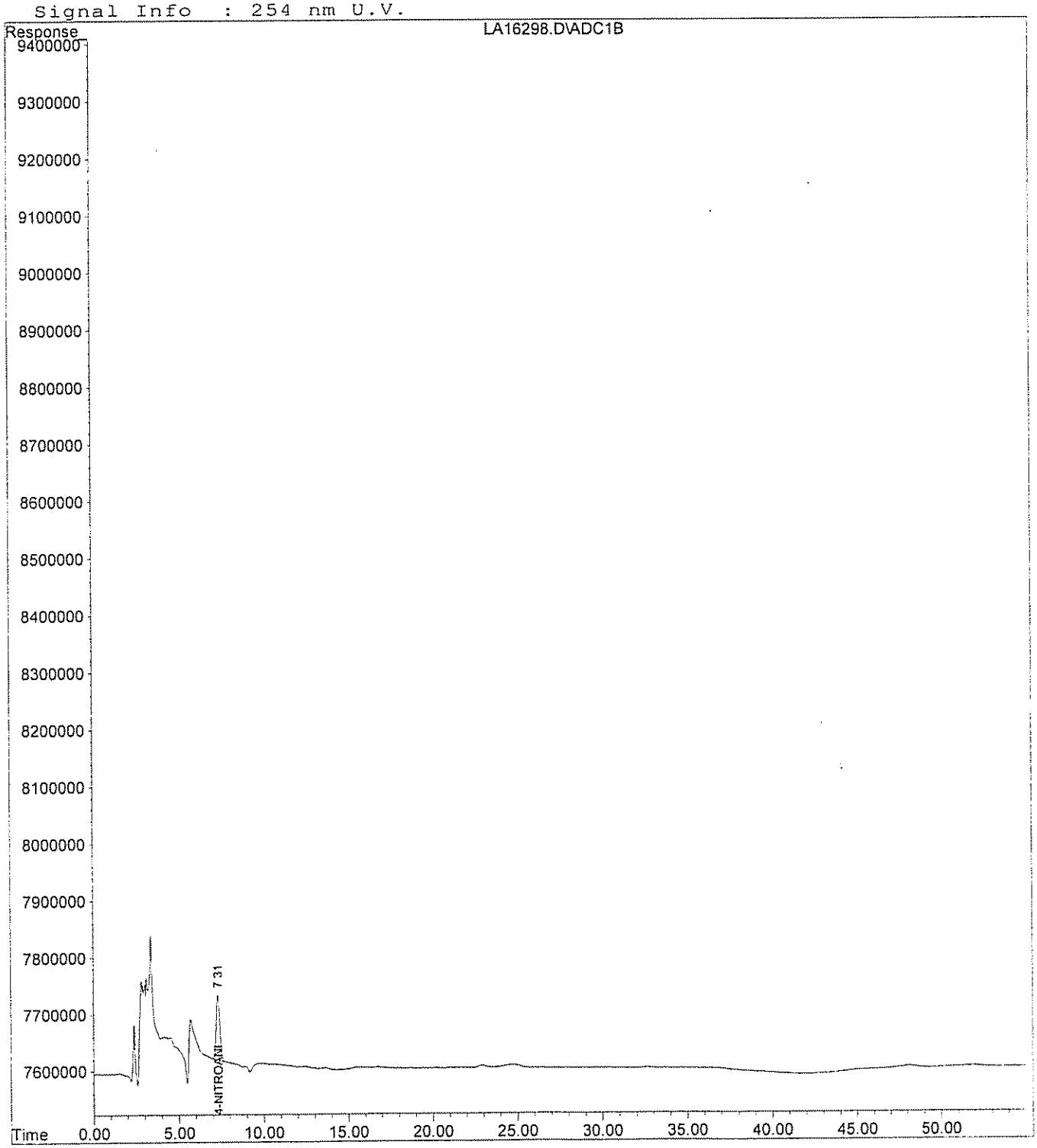
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16298.D Vial: 71
Acq On : 20 Sep 2006 11:59 Operator: AG
Sample : 608187-004-017-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36433.D Vial: 6
Acq On : 28 Sep 2006 18:58 Operator: SS
Sample : 608187-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:48 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.69	16849604	160.871	PPB
Spiked Amount 300.000		Recovery =	53.62%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

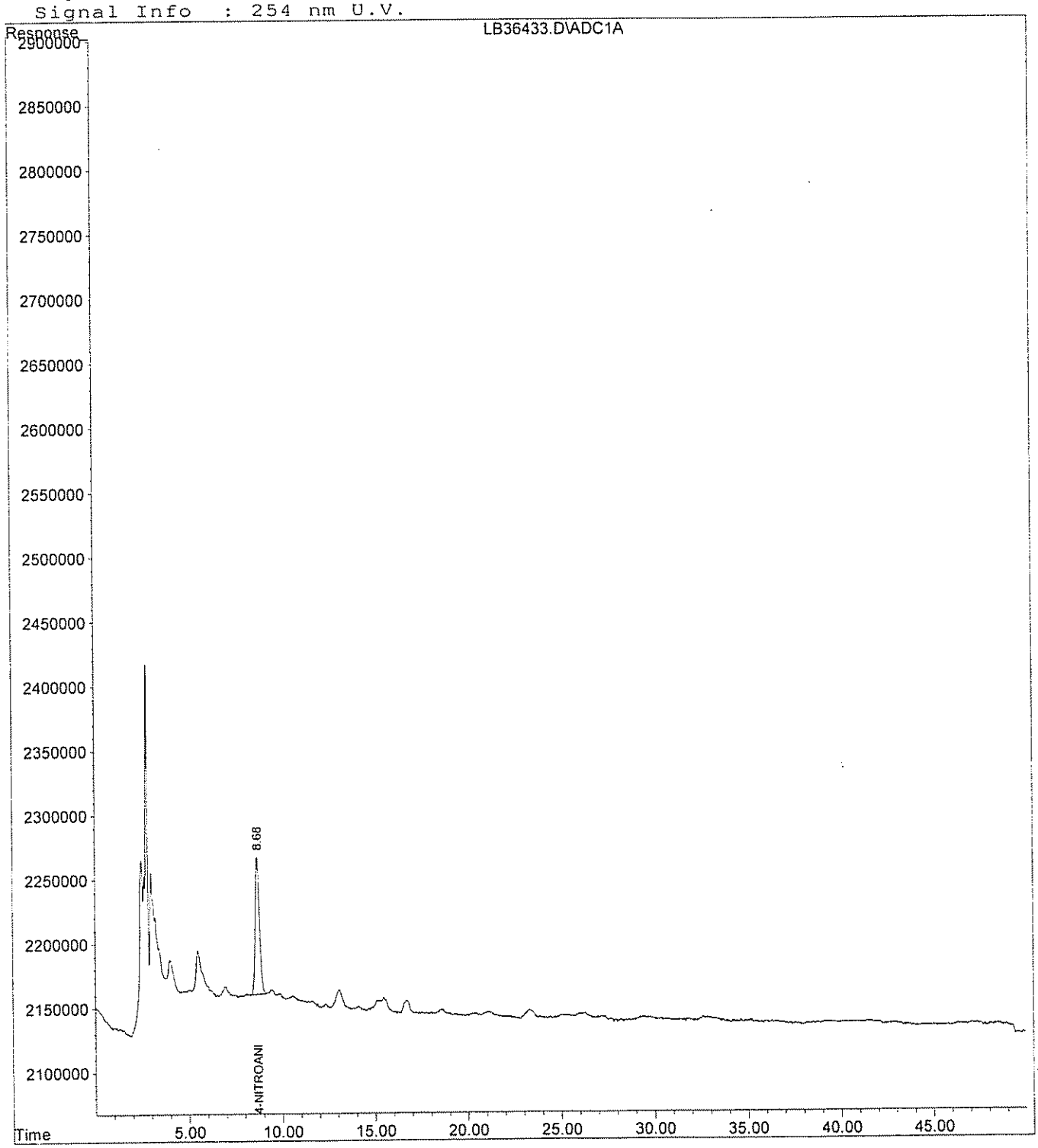
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36433.D Vial: 6
Acq On : 28 Sep 2006 18:58 Operator: SS
Sample : 608187-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:48 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3
Sample Volume :	10	Lab File ID :	LA16299.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3
Sample Volume :	10	Lab File ID :	LA16299.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16299.D Vial: 72
Acq On : 20 Sep 2006 12:58 Operator: AG
Sample : 608187-005-004-1/3 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.33	17912375	136.958 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	91.31%
Target Compounds			

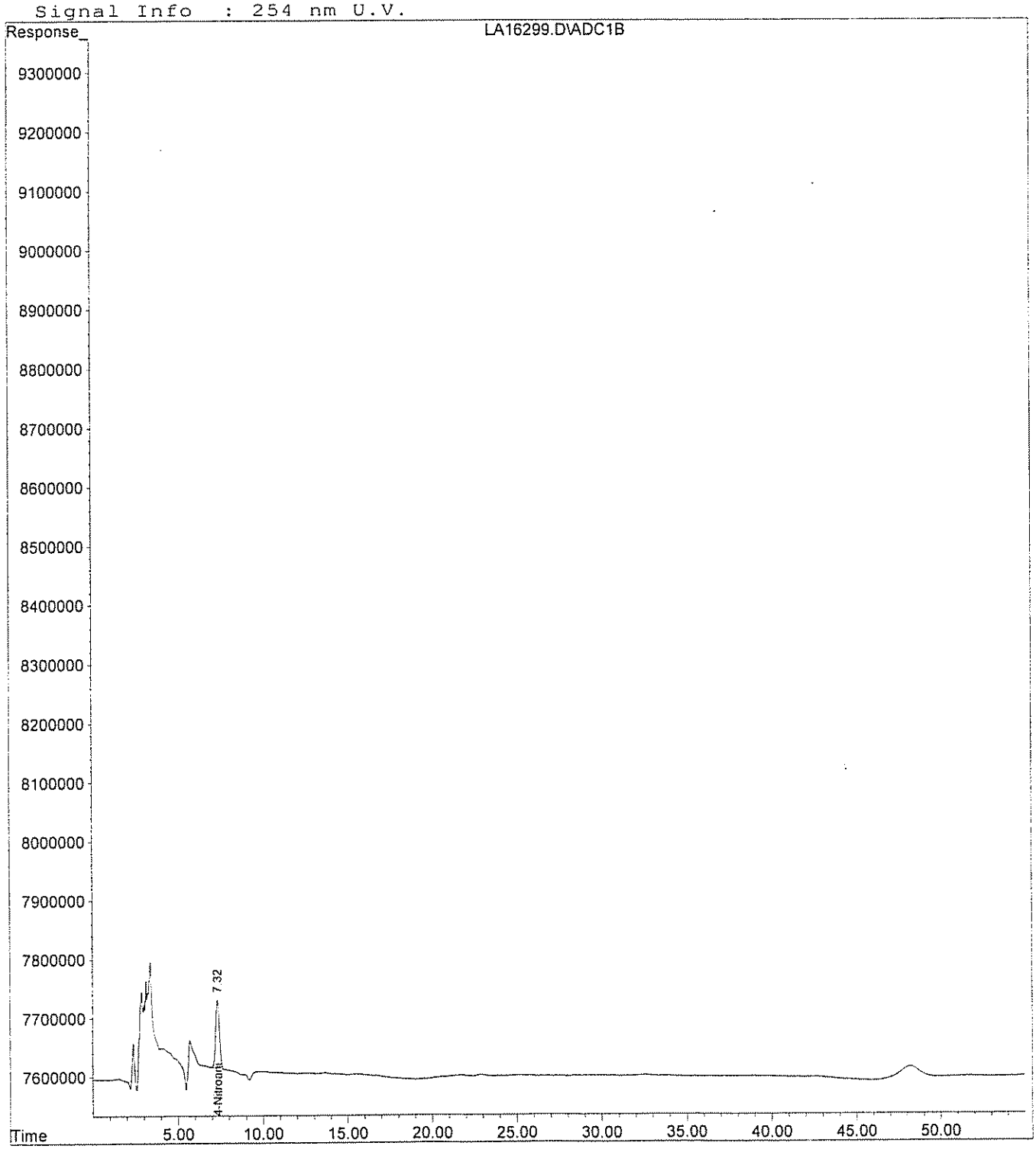
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16299.D Vial: 72
Acq On : 20 Sep 2006 12:58 Operator: AG
Sample : 608187-005-004-1/3 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36434.D Vial: 7
Acq On : 28 Sep 2006 19:50 Operator: SS
Sample : 608187-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:22 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.70	18075862	140.793 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	93.86%
Target Compounds			

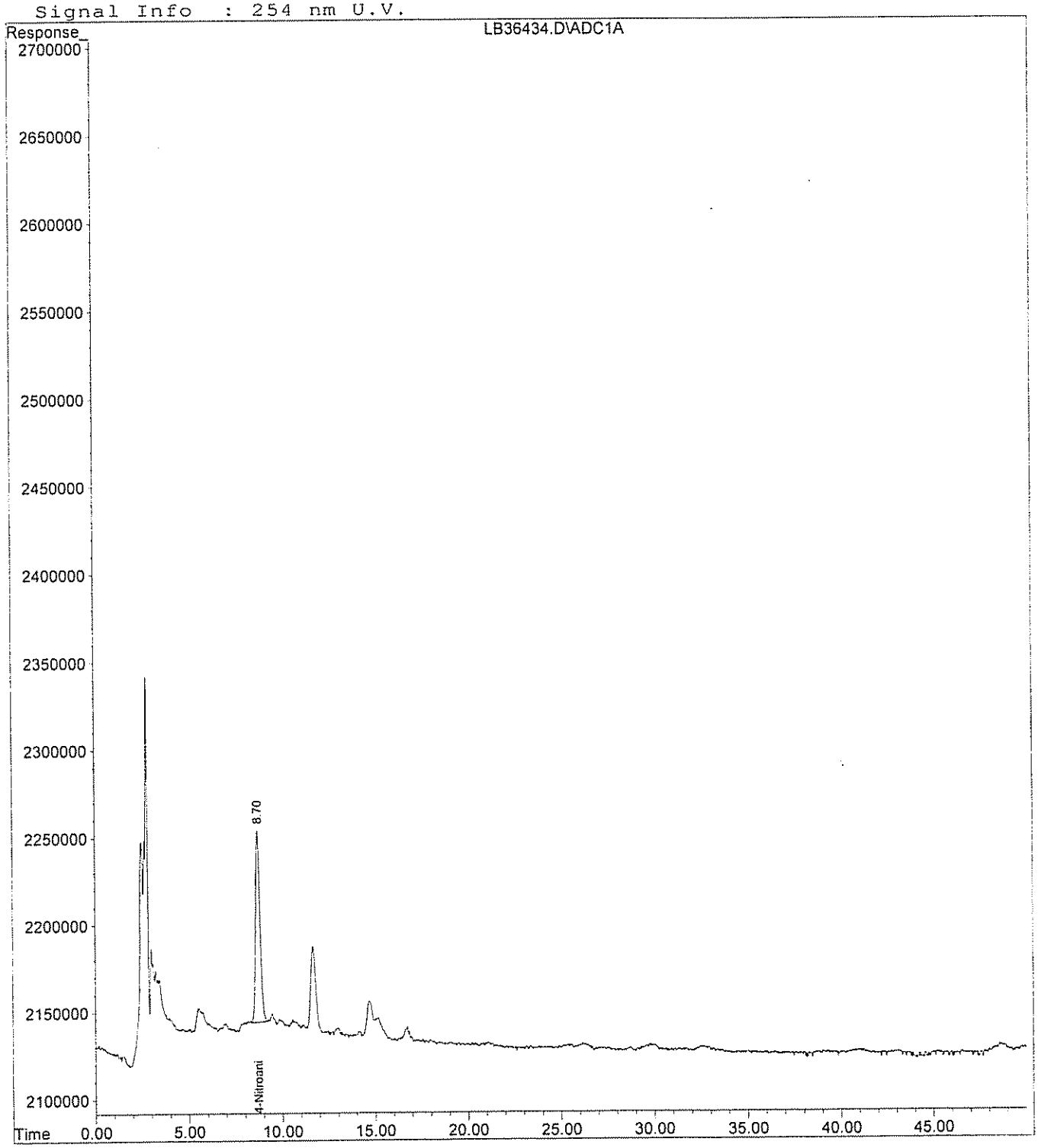
Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36434.D
Acq On : 28 Sep 2006 19:50
Sample : 608187-005
Misc : SOIL
IntFile : events.e
Quant Time: Sep 29 11:22 2006 Quant Results File: 073006C.RES

Vial: 7
Operator: SS
Inst : LCB
Multiplr: 1.00

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16299.D Vial: 72
Acq On : 20 Sep 2006 12:58 Operator: AG
Sample : 608187-005-004-1/3 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.33	18004752	146.872	PPB
Spiked Amount 300.000		Recovery =	48.96%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM d

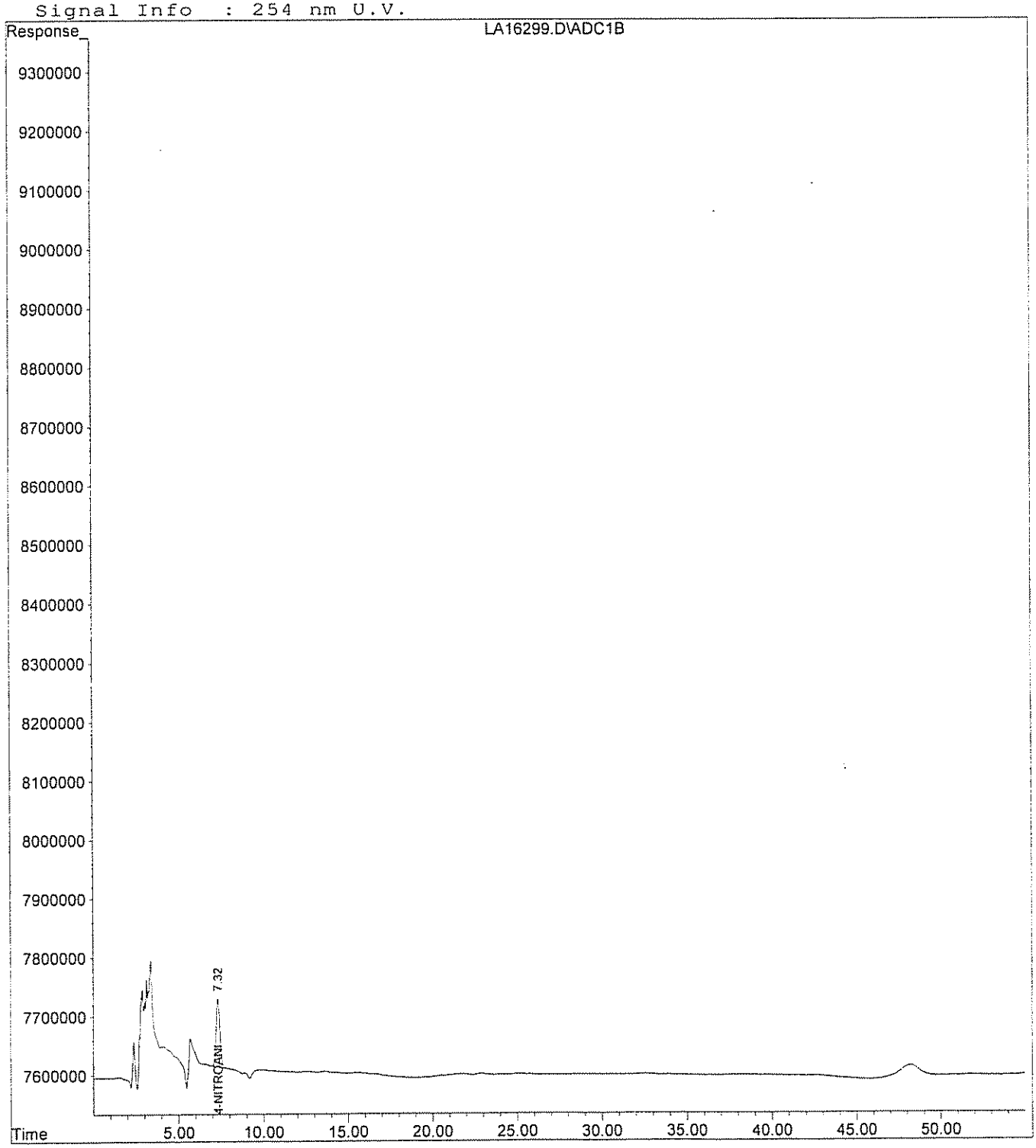
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16299.D Vial: 72
Acq On : 20 Sep 2006 12:58 Operator: AG
Sample : 608187-005-004-1/3 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36434.D Vial: 7
Acq On : 28 Sep 2006 19:50 Operator: SS
Sample : 608187-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:48 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.70	18081754	172.635 PPB
Spiked Amount 300.000		Recovery =	57.55%
Target Compounds			
2) M NITROGLYCERINE	0.00	0	N.D. PPM

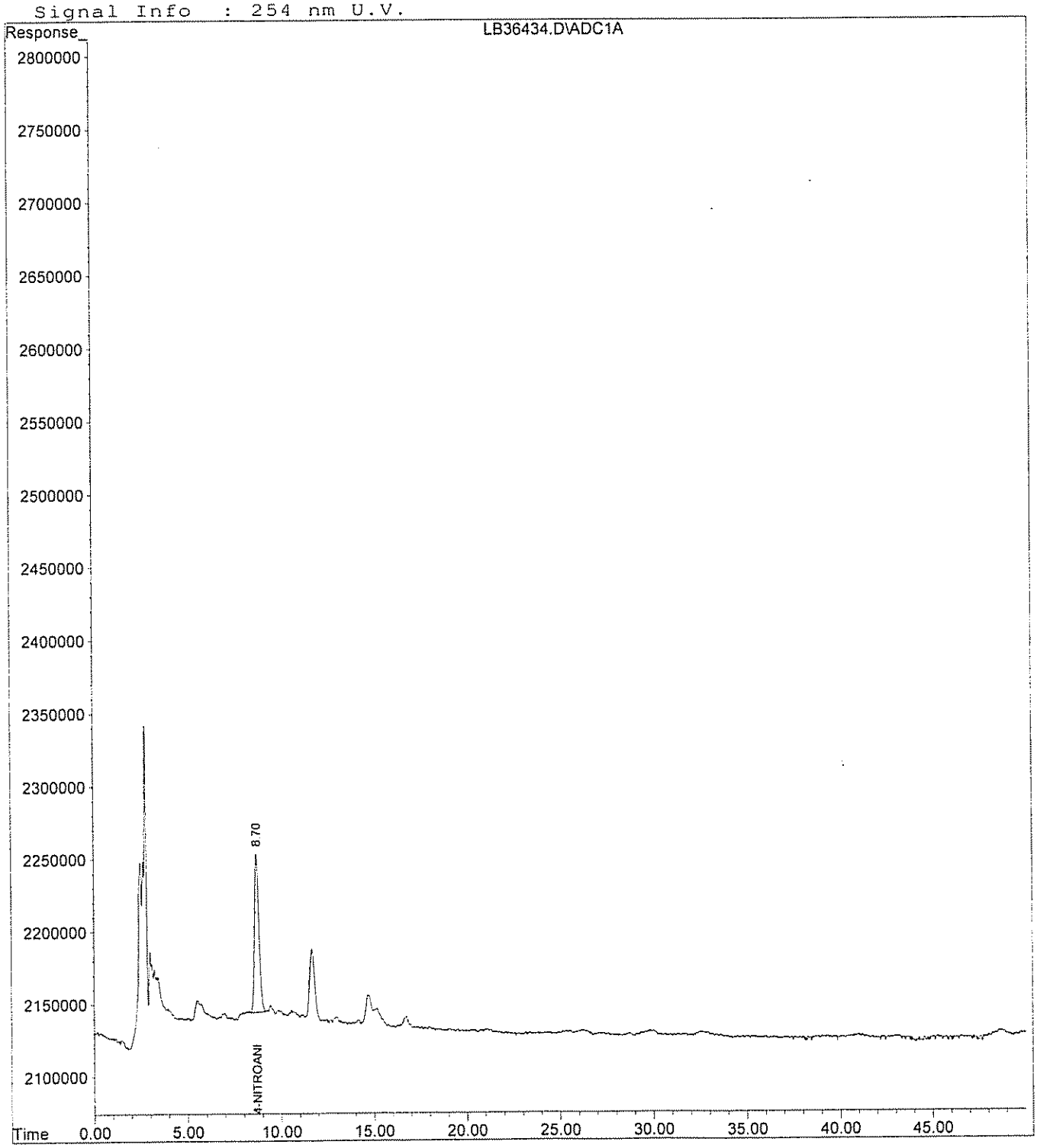
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36434.D Vial: 7
Acq On : 28 Sep 2006 19:50 Operator: SS
Sample : 608187-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:48 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0032

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-007-022-1/1
Sample Volume :	10	Lab File ID :	LA16300.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0032

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-007-022-1/1
Sample Volume :	10	Lab File ID :	LA16300.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16300.D Vial: 73
Acq On : 20 Sep 2006 13:58 Operator: AG
Sample : 608187-007-022-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.32	17154204	131.161	ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery = 87.44%		
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

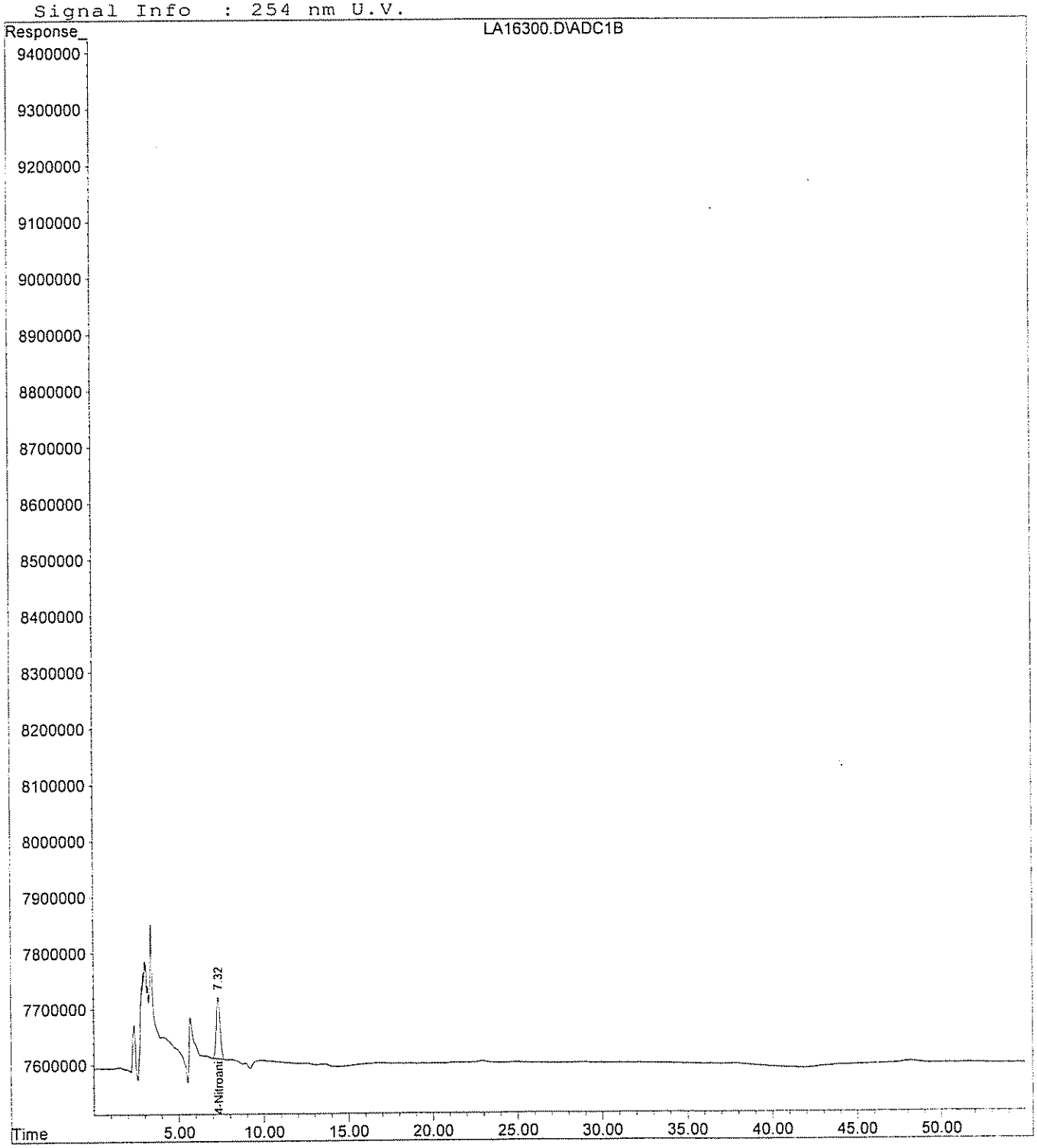
Camp Adair/Adair ANG - Appendix F 200-1e F10OR002908_01.09_0505_a 1730

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16300.D Vial: 73
Acq On : 20 Sep 2006 13:58 Operator: AG
Sample : 608187-007-022-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36435.D Vial: 8
Acq On : 28 Sep 2006 20:41 Operator: SS
Sample : 608187-007 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:23 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.70	16679823	129.919 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	86.61%
Target Compounds			

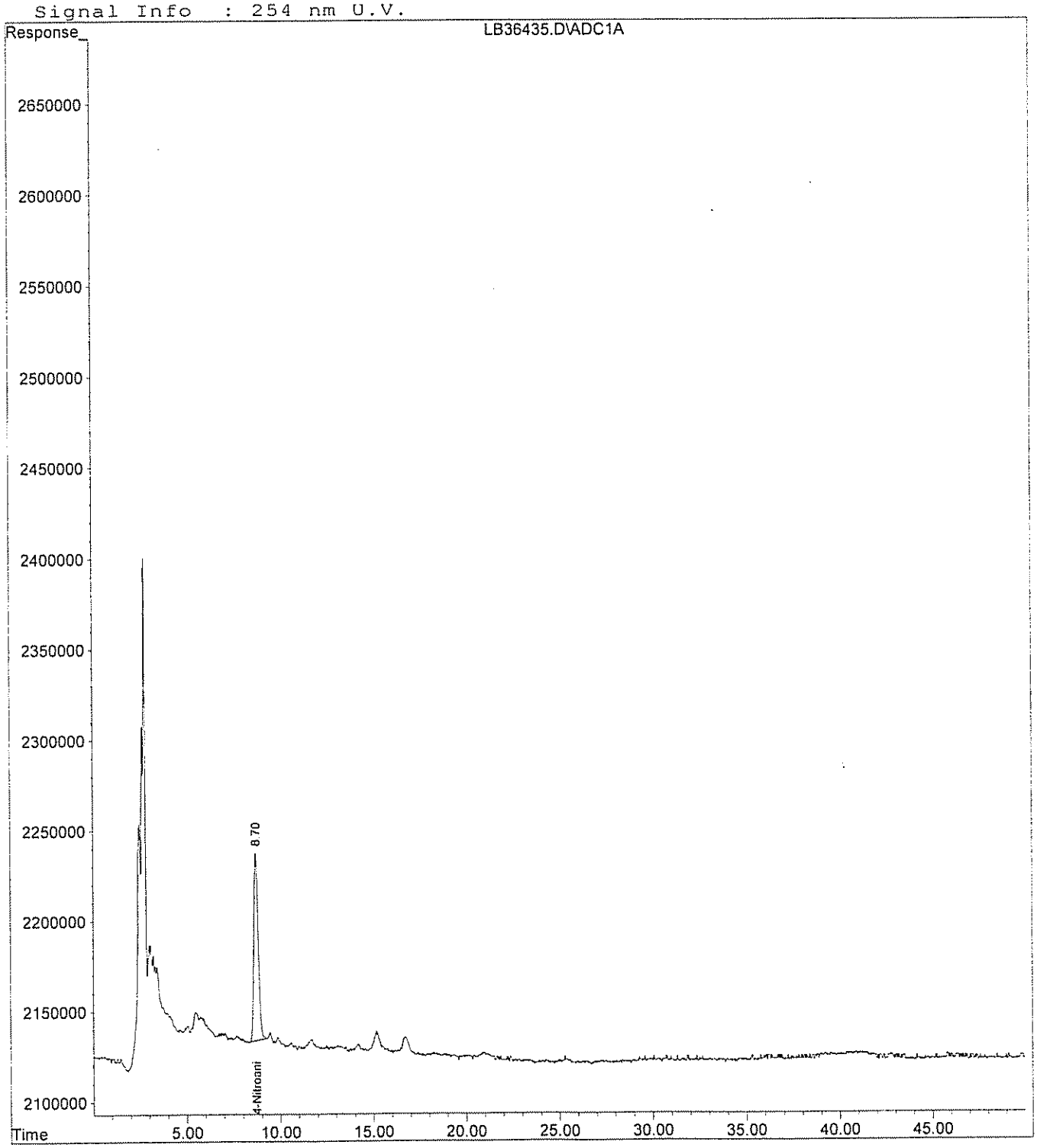
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36435.D Vial: 8
Acq On : 28 Sep 2006 20:41 Operator: SS
Sample : 608187-007 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:23 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16300.D Vial: 73
Acq On : 20 Sep 2006 13:58 Operator: AG
Sample : 608187-007-022-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:53 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.32	17208029	140.373	PPB
Spiked Amount 300.000		Recovery =	46.79%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM d

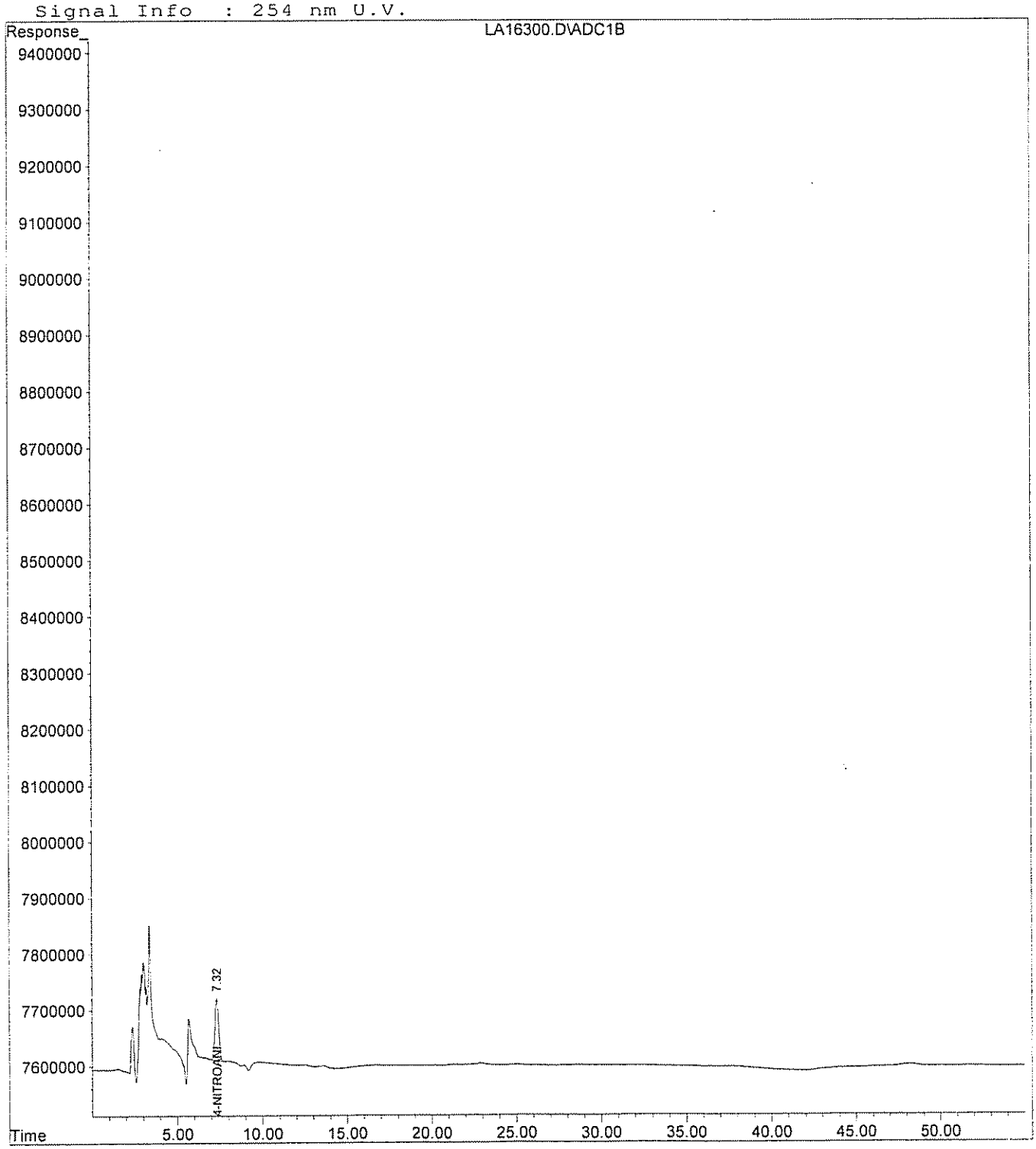
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16300.D Vial: 73
Acq On : 20 Sep 2006 13:58 Operator: AG
Sample : 608187-007-022-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:53 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36435.D Vial: 8
Acq On : 28 Sep 2006 20:41 Operator: SS
Sample : 608187-007 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:49 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
1) S	4-NITROANILINE	8.70	16736342	159.789	PPB
Spiked Amount	300.000	Recovery	=	53.26%	
	Target Compounds				
2) M	NITROGLYCERINE	0.00	0	N.D.	PPM

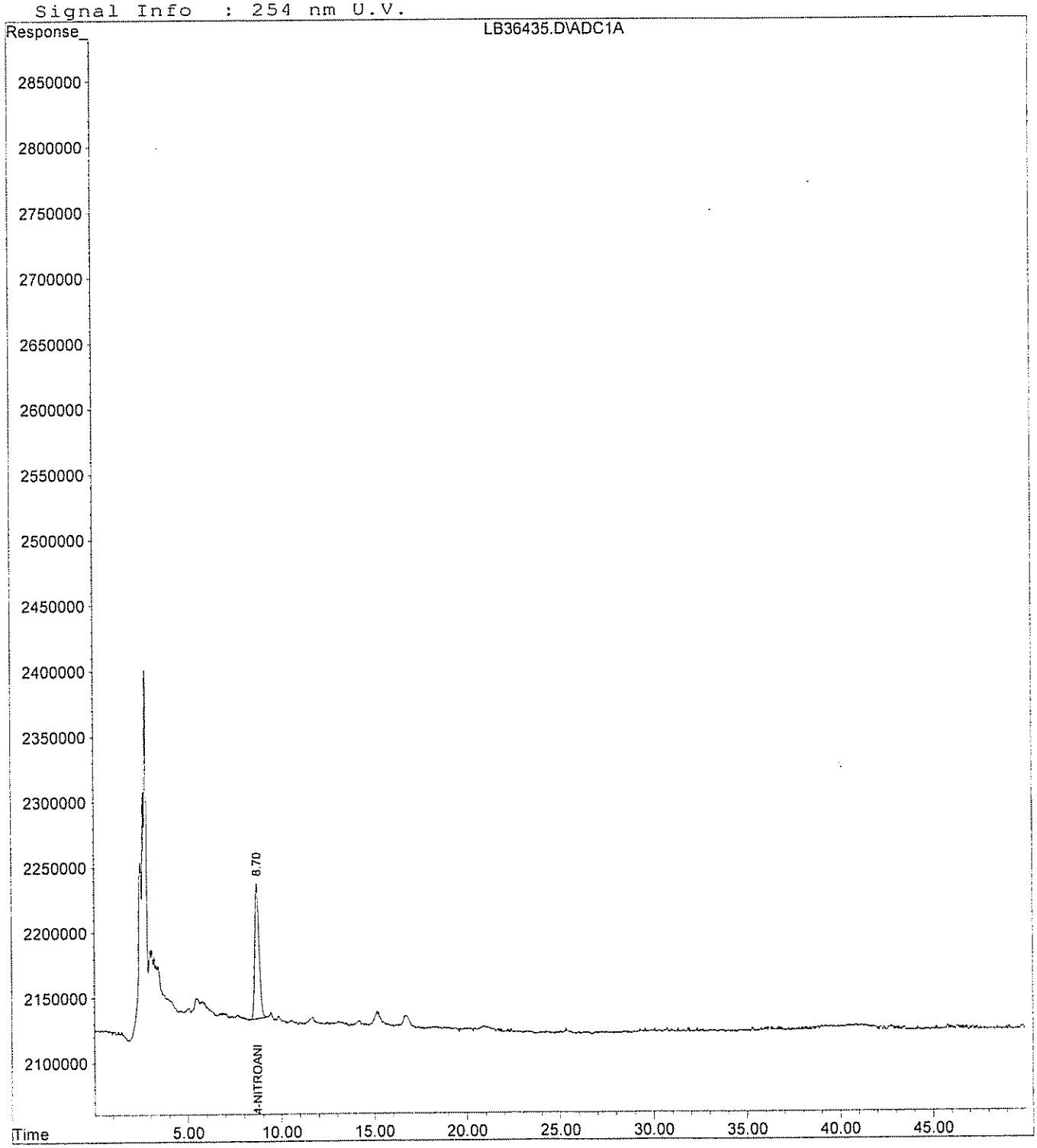
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36435.D Vial: 8
Acq On : 28 Sep 2006 20:41 Operator: SS
Sample : 608187-007 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:49 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0031

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-008-023-1/1
Sample Volume :	10.01	Lab File ID :	LA16301.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0031

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-008-023-1/1
Sample Volume :	10.01	Lab File ID :	LA16301.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16301.D Vial: 74
Acq On : 20 Sep 2006 14:57 Operator: AG
Sample : 608187-008-023-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.32	14893439	113.875 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	75.92%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

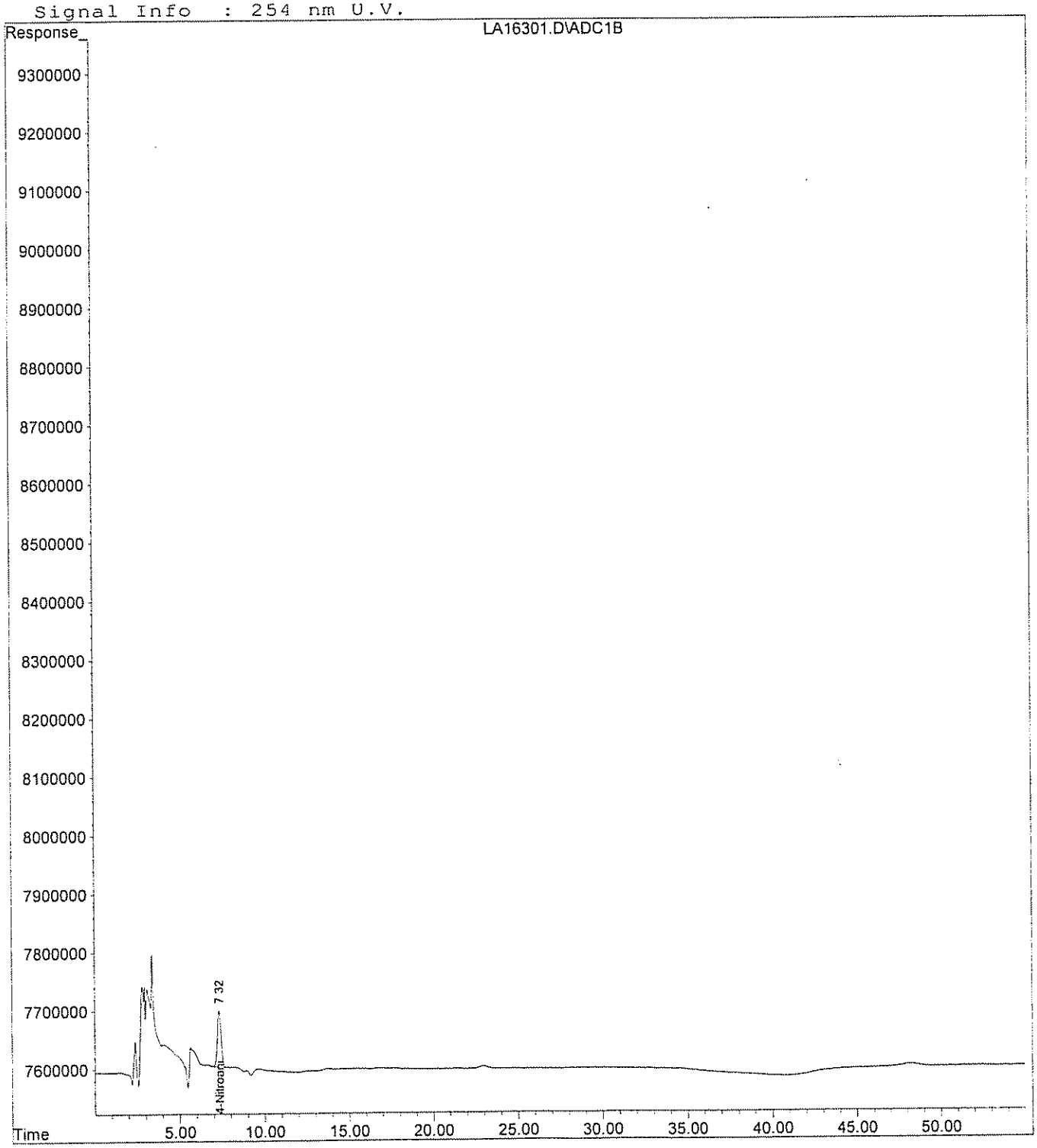
Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16301.D
Acq On : 20 Sep 2006 14:57
Sample : 608187-008-023-1/1
Misc : SOIL
IntFile : events.e
Quant Time: Sep 29 11:30 2006 Quant Results File: 67258330.RES

Vial: 74
Operator: AG
Inst : LCA
Multiplr: 1.00

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36436.D Vial: 9
Acq On : 28 Sep 2006 21:32 Operator: SS
Sample : 608187-008 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:24 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.69	15225198	118.589 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	79.06%
Target Compounds			

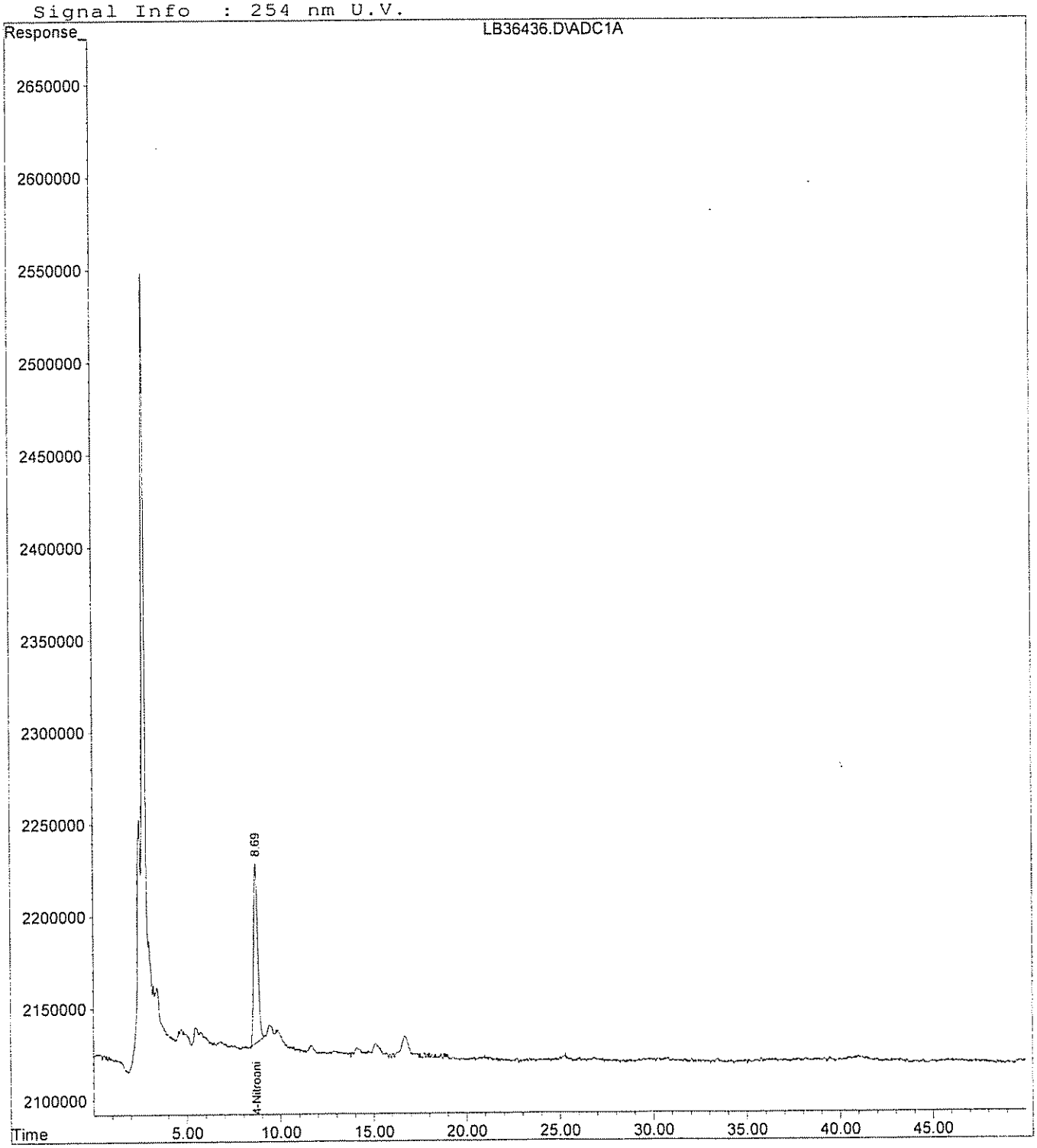
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36436.D Vial: 9
Acq On : 28 Sep 2006 21:32 Operator: SS
Sample : 608187-008 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:24 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16301.D Vial: 74
Acq On : 20 Sep 2006 14:57 Operator: AG
Sample : 608187-008-023-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:53 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.32	14934879	121.830	PPB
Spiked Amount 300.000		Recovery =	40.61%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM d

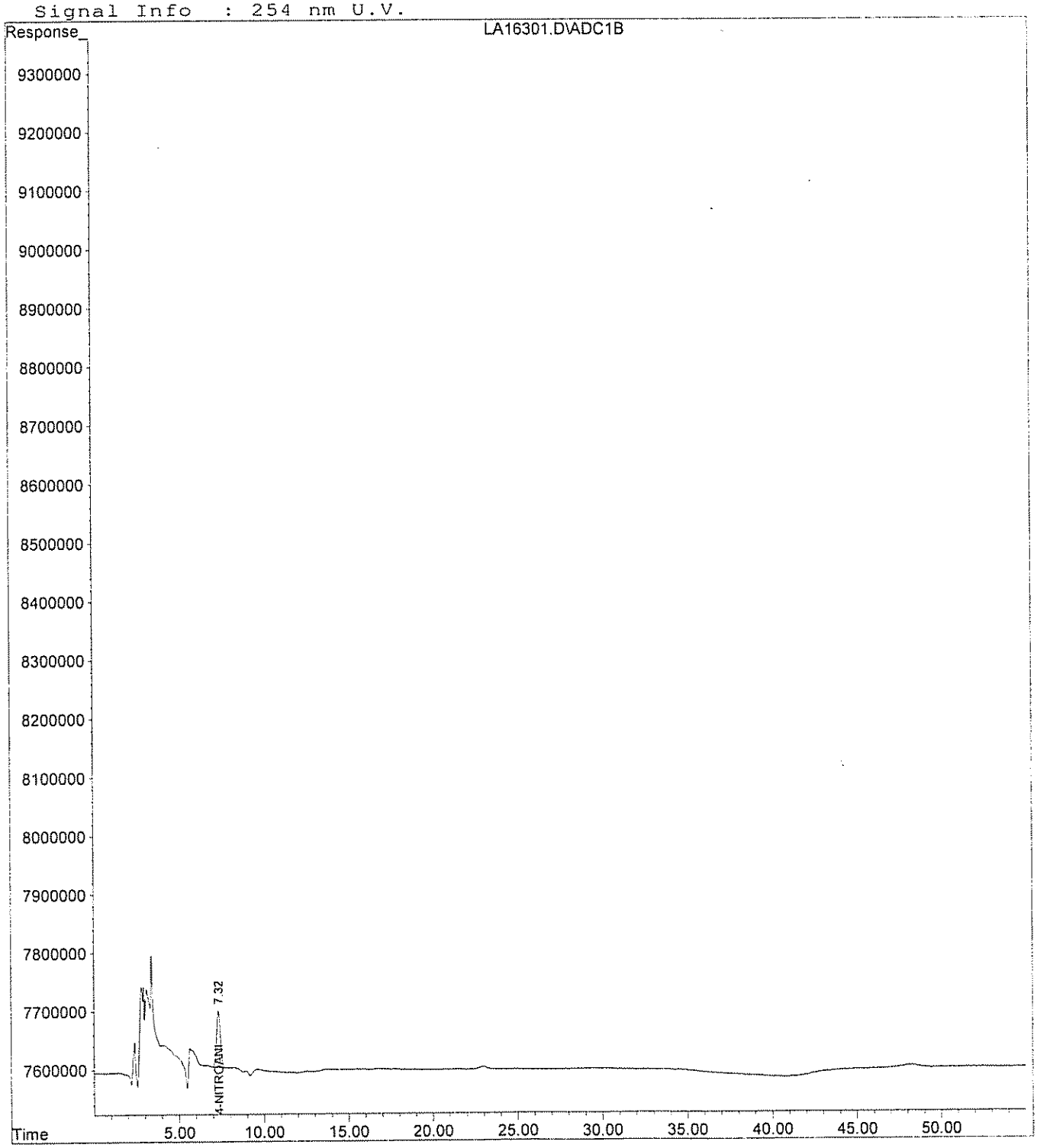
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16301.D Vial: 74
Acq On : 20 Sep 2006 14:57 Operator: AG
Sample : 608187-008-023-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:53 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36436.D Vial: 9
Acq On : 28 Sep 2006 21:32 Operator: SS
Sample : 608187-008 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:49 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.69	15224404	145.354	PPB
Spiked Amount 300.000		Recovery =	48.45%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

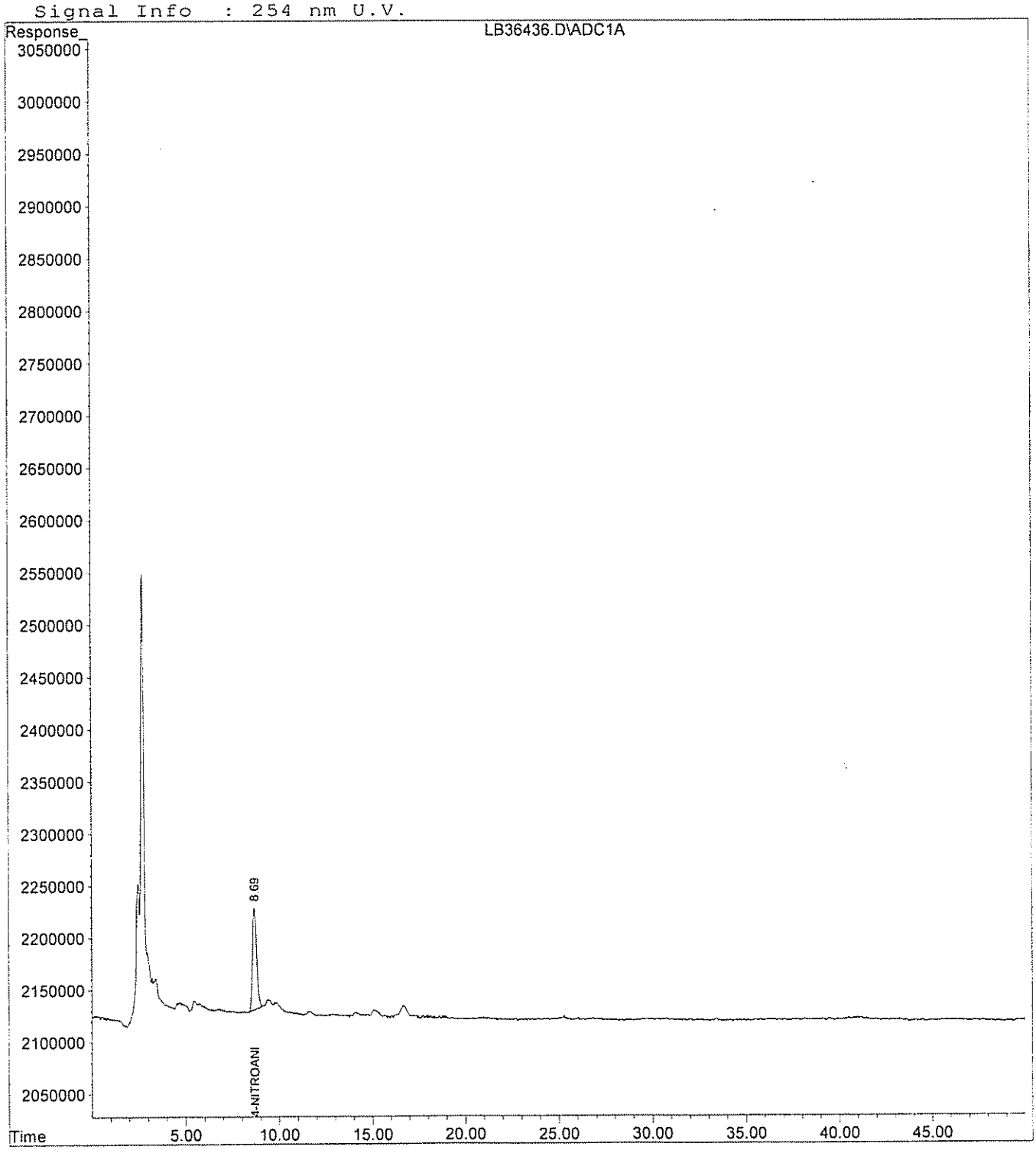
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36436.D Vial: 9
Acq On : 28 Sep 2006 21:32 Operator: SS
Sample : 608187-008 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:49 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-013-024-1/1
Sample Volume :	2	Lab File ID :	LA16291.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	20 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.10	U
99-65-0	1,3-Dinitrobenzene	0.10	U
118-96-7	2,4,6-Trinitrotoluene	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.10	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.10	U
2691-41-0	HMX	0.20	U
98-95-3	Nitrobenzene	0.10	U
121-82-4	RDX	0.20	U
479-45-8	Tetryl	0.20	U
99-08-1	m-Nitrotoluene	0.20	U
88-72-2	o-Nitrotoluene	0.20	U
99-99-0	p-Nitrotoluene	0.20	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-013-024-1/1
Sample Volume :	1	Lab File ID :	LA16291.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	1 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	1.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16291.D Vial: 64
Acq On : 20 Sep 2006 5:02 Operator: AG
Sample : 608187-013-024-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:31 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	7.34	18220277	139.312 ng/mlm
Spiked Amount 150.000	Range 52 - 154	Recovery =	92.87%
Target Compounds			

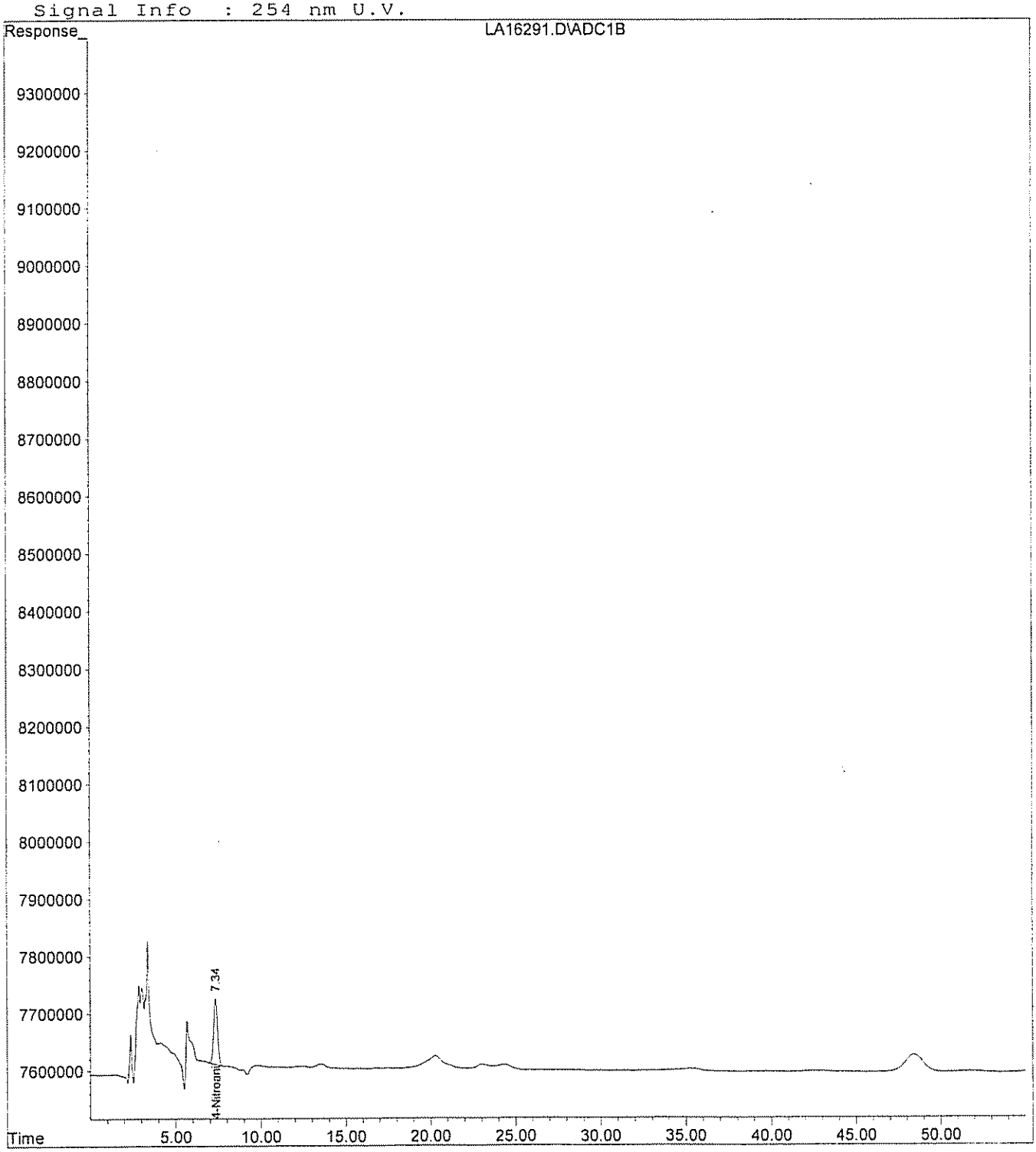
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16291.D Vial: 64
Acq On : 20 Sep 2006 5:02 Operator: AG
Sample : 608187-013-024-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:31 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36437.D Vial: 10
Acq On : 28 Sep 2006 22:24 Operator: SS
Sample : 608187-013 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:25 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

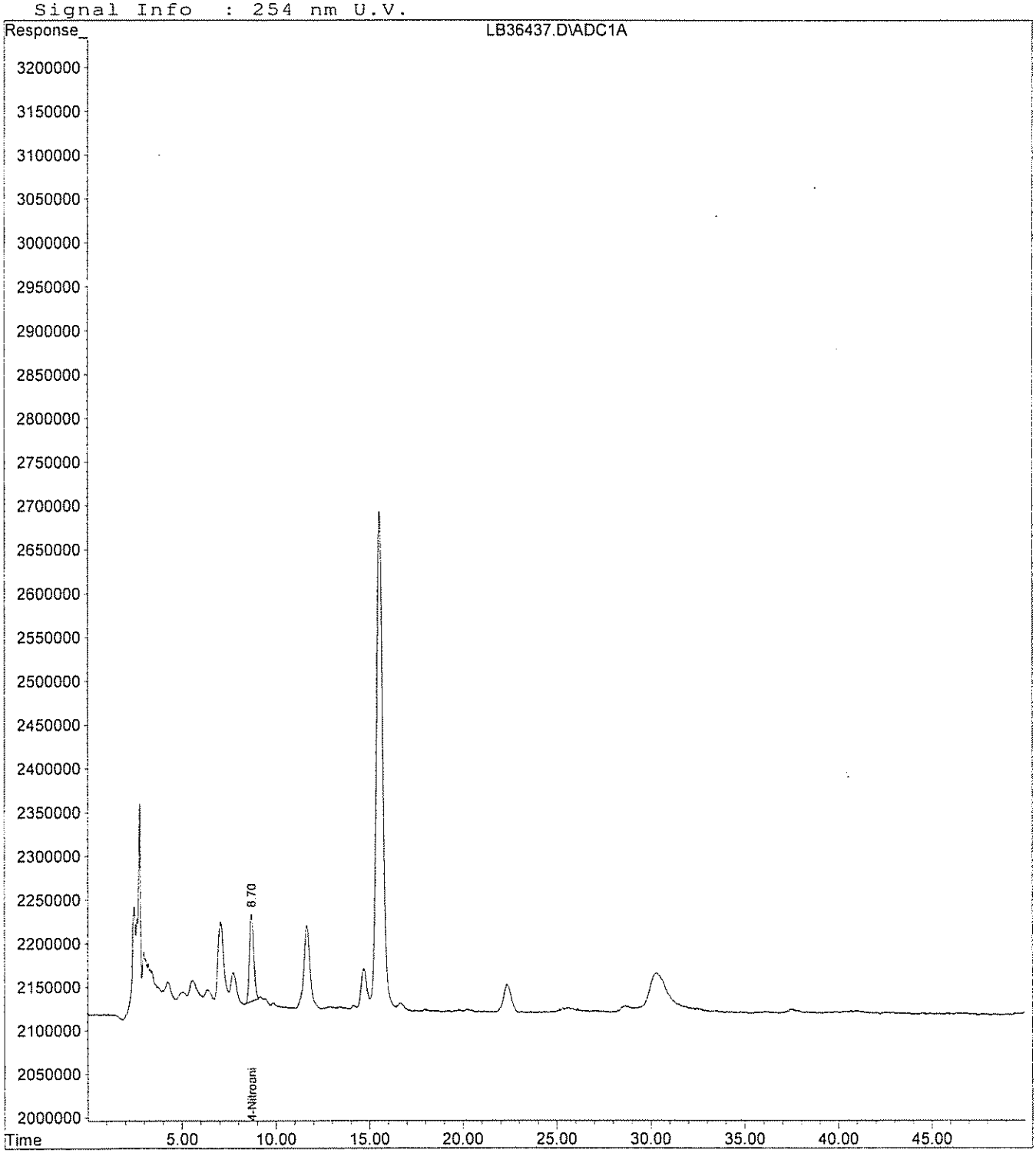
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.71	16088094	125.310 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	83.54%
Target Compounds			

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36437.D Vial: 10
Acq On : 28 Sep 2006 22:24 Operator: SS
Sample : 608187-013 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:25 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16291.D Vial: 64
Acq On : 20 Sep 2006 5:02 Operator: AG
Sample : 608187-013-024-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.34	17831201	145.456	PPB	
Spiked Amount 300.000		Recovery =	48.49%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

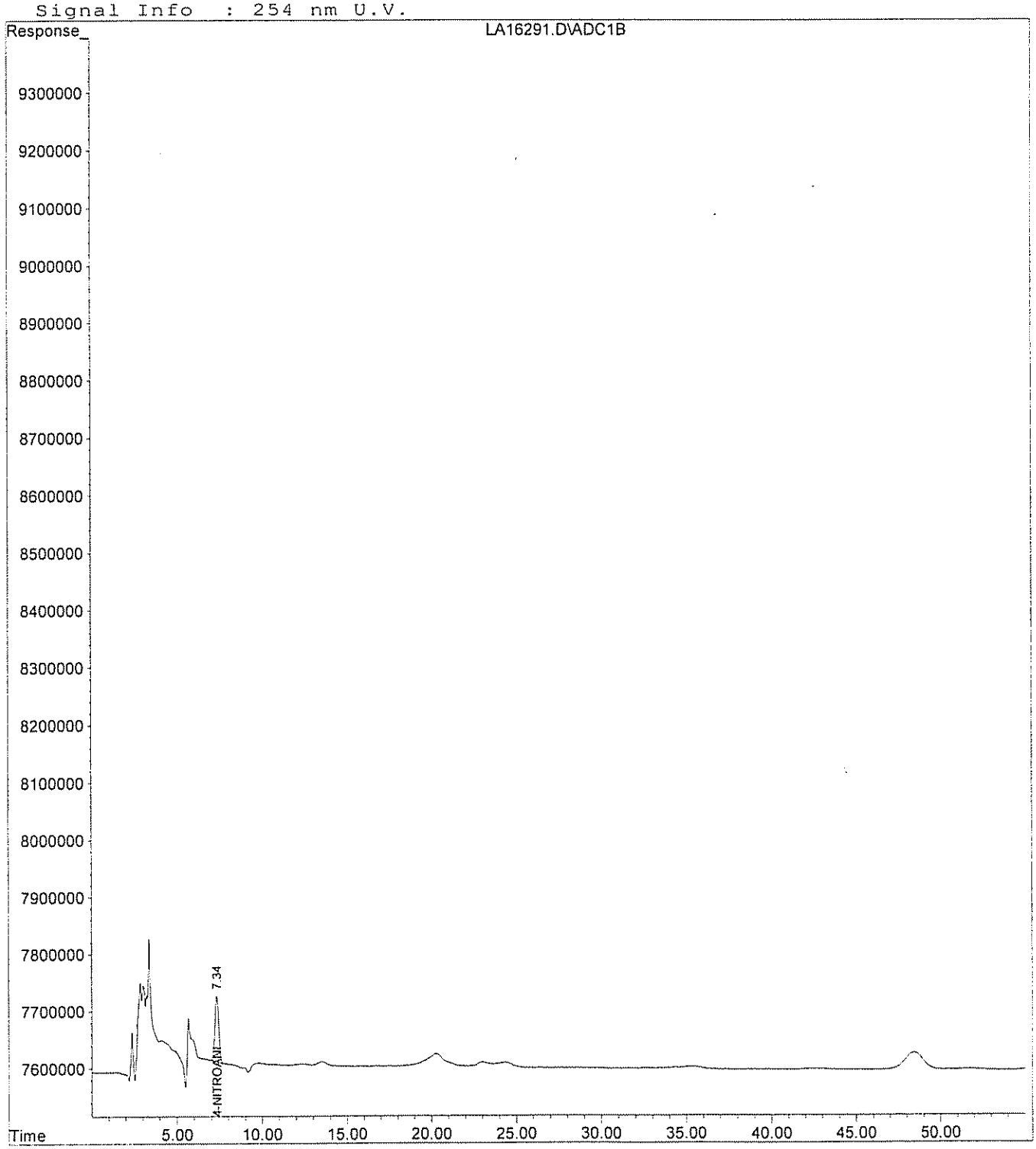
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16291.D Vial: 64
Acq On : 20 Sep 2006 5:02 Operator: AG
Sample : 608187-013-024-1/1 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36437.D Vial: 10
Acq On : 28 Sep 2006 22:24 Operator: SS
Sample : 608187-013 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:50 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.71	15944383	152.228	PPB
Spiked Amount 300.000		Recovery =	50.74%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

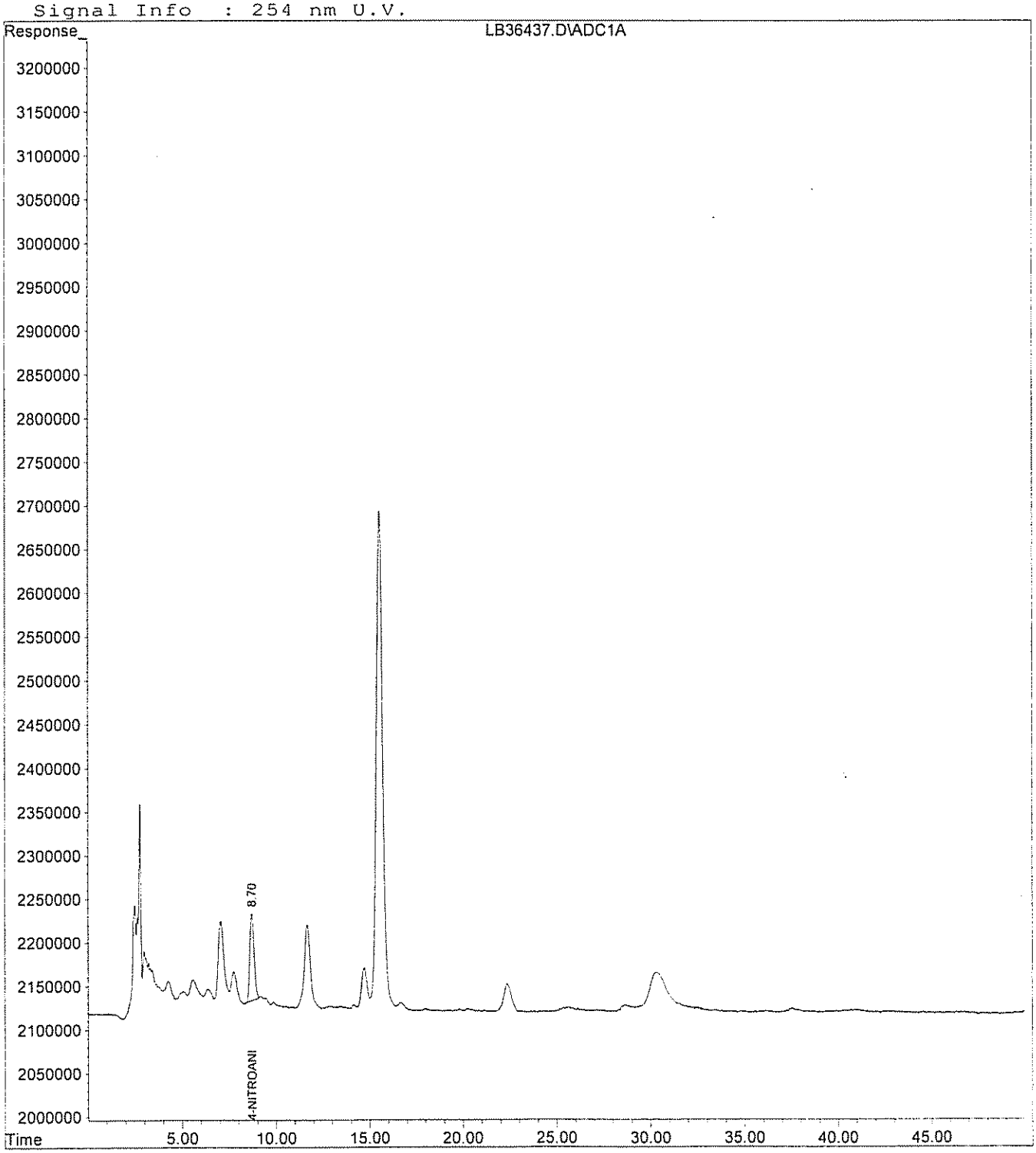
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36437.D Vial: 10
Acq On : 28 Sep 2006 22:24 Operator: SS
Sample : 608187-013 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 11:50 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

Response Factor Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005

Calibration Files
LEV1 =LA14360.D LEV2 =LA14361.D LEV3 =LA14362.D
LEV4 =LA14363.D LEV5 =LA14364.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-NITROANILINE	1.449	1.256	1.170	1.118	1.136	1.226	E5	11.05
2)	M	NITROGLYCERINE	1.594	1.775	1.828	1.696	1.909	1.760	E6	6.88

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14359.D Vial: 1
Acq On : 7 Jun 2006 11:49 Operator: SS
Sample : 8330NG-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:55 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	0.00	0	N.D. PPB
Spiked Amount 300.000	Recovery = 0.00%		
Target Compounds			
2) M NITROGLYCERINE	0.00	0	N.D. PPM

(f)=RT Delta > 1/2 Window (m)=manual int.

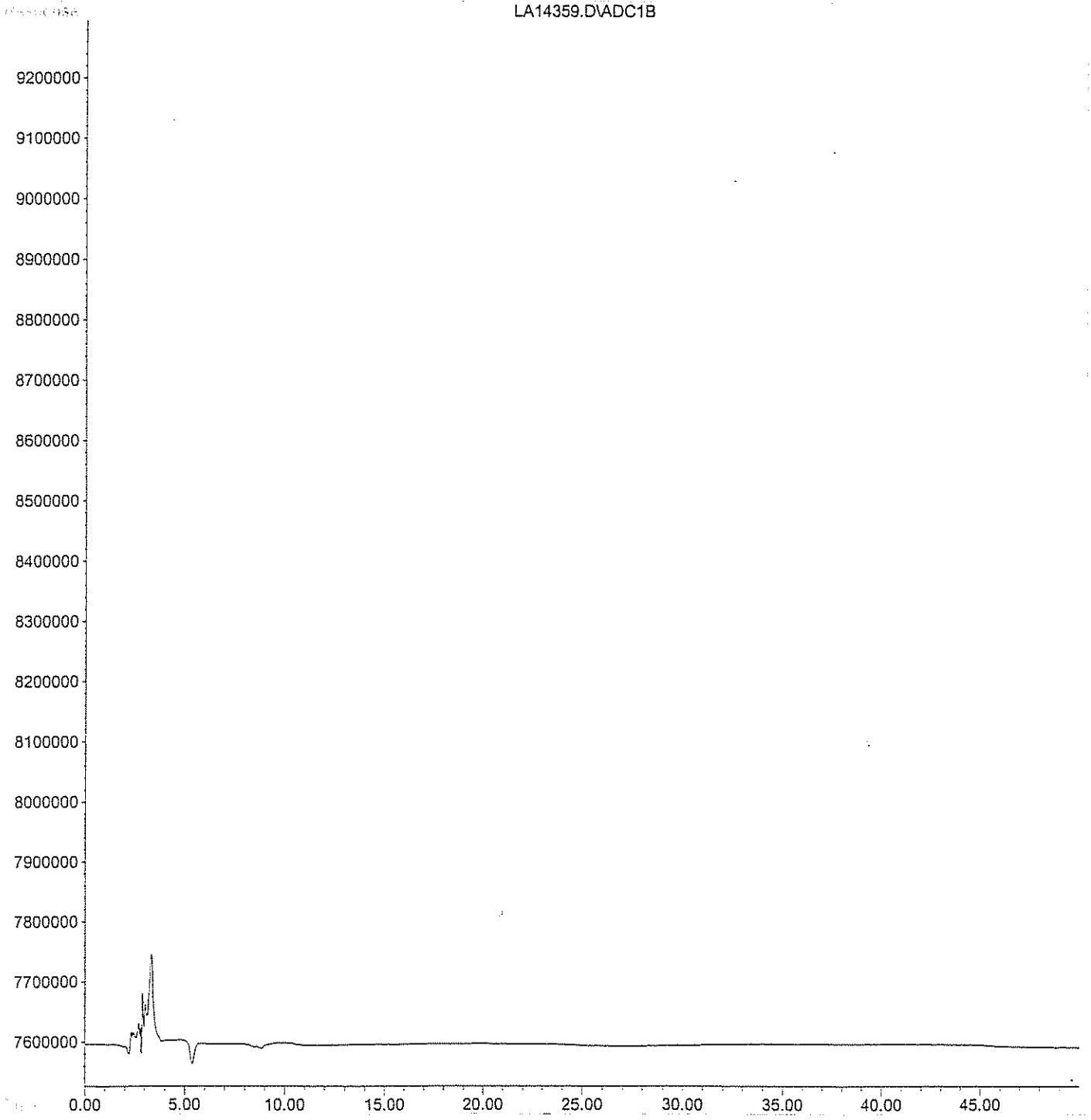
Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14359.D Vial: 1
Acq On : 7 Jun 2006 11:49 Operator: SS
Sample : 8330NG-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:55 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA14359.D\ADC1B



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14360.D Vial: 2
Acq On : 7 Jun 2006 12:44 Operator: SS
Sample : 8330NG-LEV 1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.99	3622306	27.379 PPB m
Spiked Amount 300.000		Recovery =	9.13%
Target Compounds			
2) M NITROGLYCERINE	21.44	1593800	0.897 PPM m

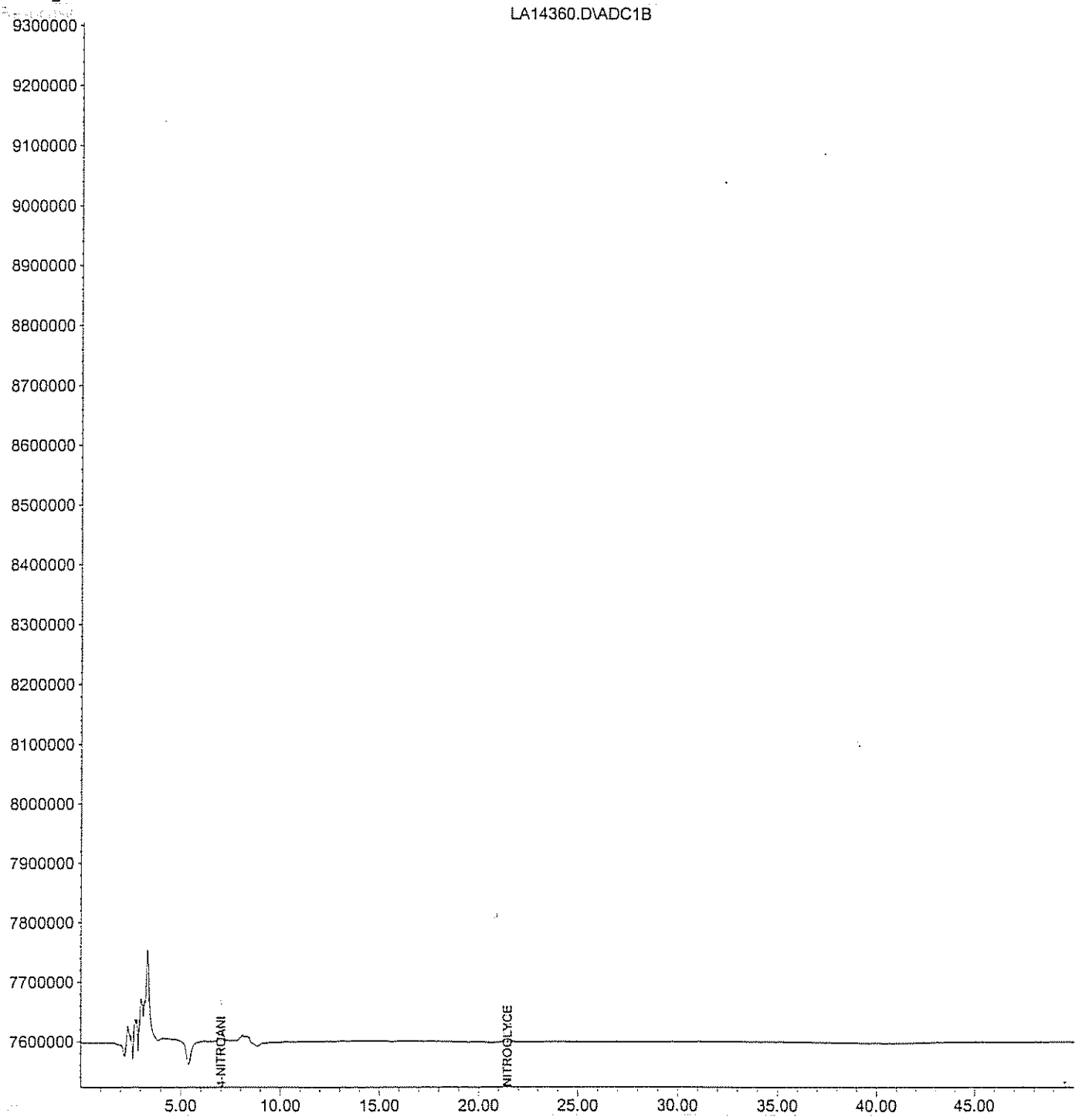
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14360.D Vial: 2
Acq On : 7 Jun 2006 12:44 Operator: SS
Sample : 8330NG-LEV 1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14361.D Vial: 3
Acq On : 7 Jun 2006 13:38 Operator: SS
Sample : 8330NG-LEV 2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.97	15700448	116.384 PPB
Spiked Amount 300.000		Recovery =	38.79%
Target Compounds			
2) M NITROGLYCERINE	21.44	8873539	5.090 PPM m

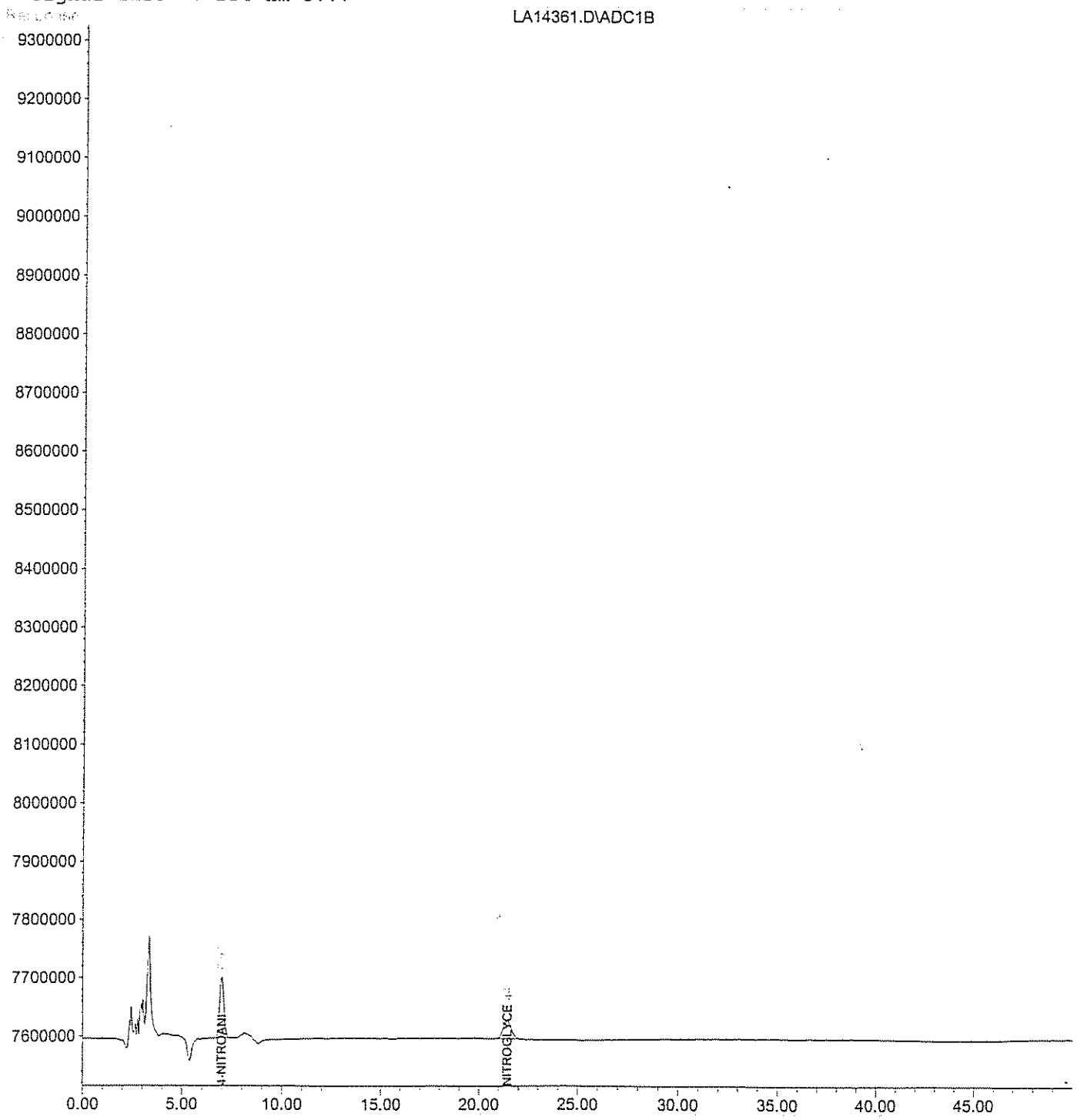
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14361.D Vial: 3
Acq On : 7 Jun 2006 13:38 Operator: SS
Sample : 8330NG-LEV 2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14362.D Vial: 4
Acq On : 7 Jun 2006 14:33 Operator: SS
Sample : 8330NG-LEV 3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	6.97	29257975	211.980 PPB
Spiked Amount	300.000	Recovery	=	70.66%
	Target Compounds			
2) M	NITROGLYCERINE	21.42	18282386	10.307 PPM

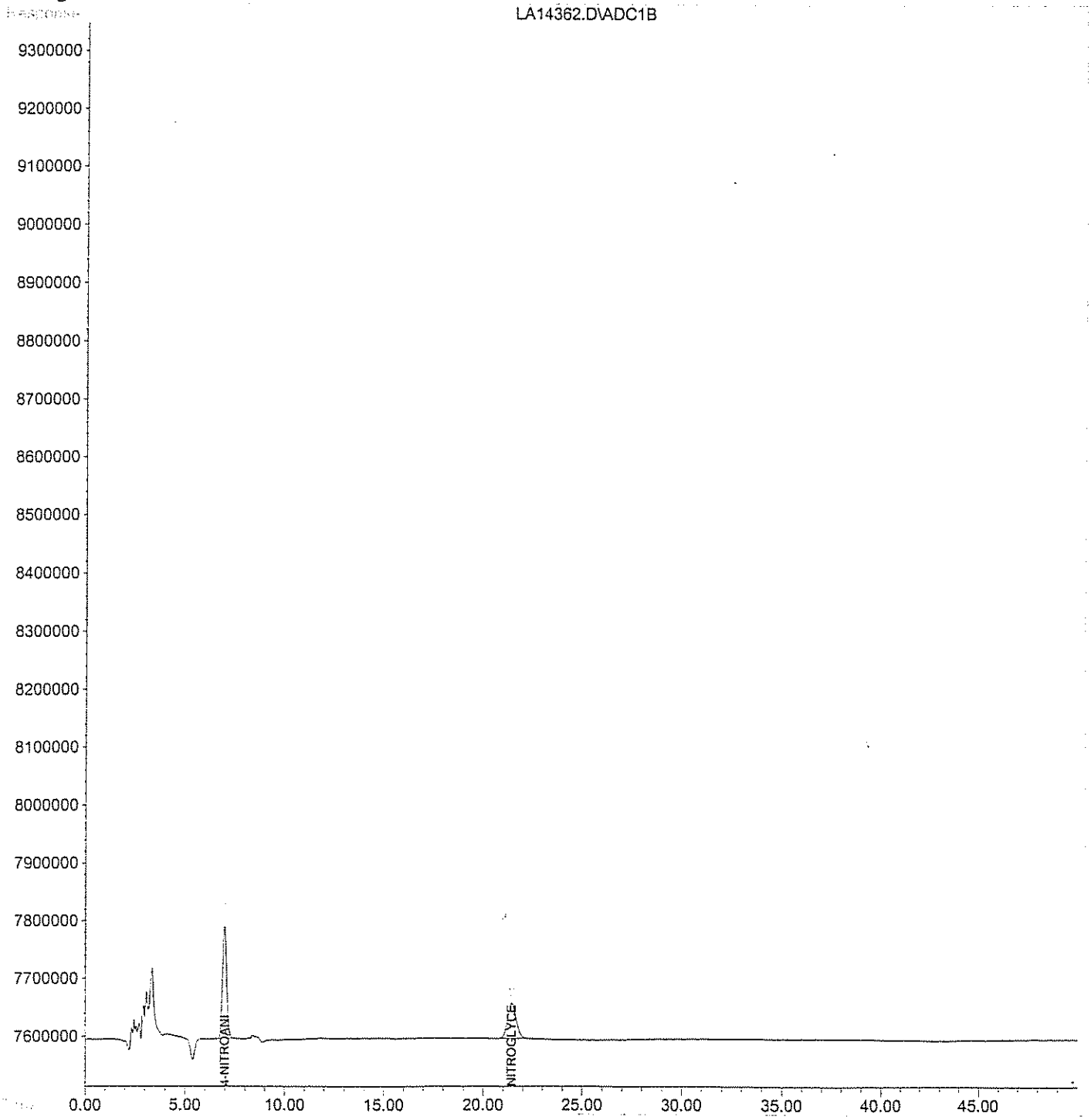
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14362.D Vial: 4
Acq On : 7 Jun 2006 14:33 Operator: SS
Sample : 8330NG-LEV 3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:54 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14363.D Vial: 5
Acq On : 7 Jun 2006 15:27 Operator: SS
Sample : 8330NG-LEV 4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	6.98	55922720	423.669 PPB
Spiked Amount 300.000		Recovery =	141.22%
Target Compounds			
2) M NITROGLYCERINE	21.41	33914195	19.489 PPM

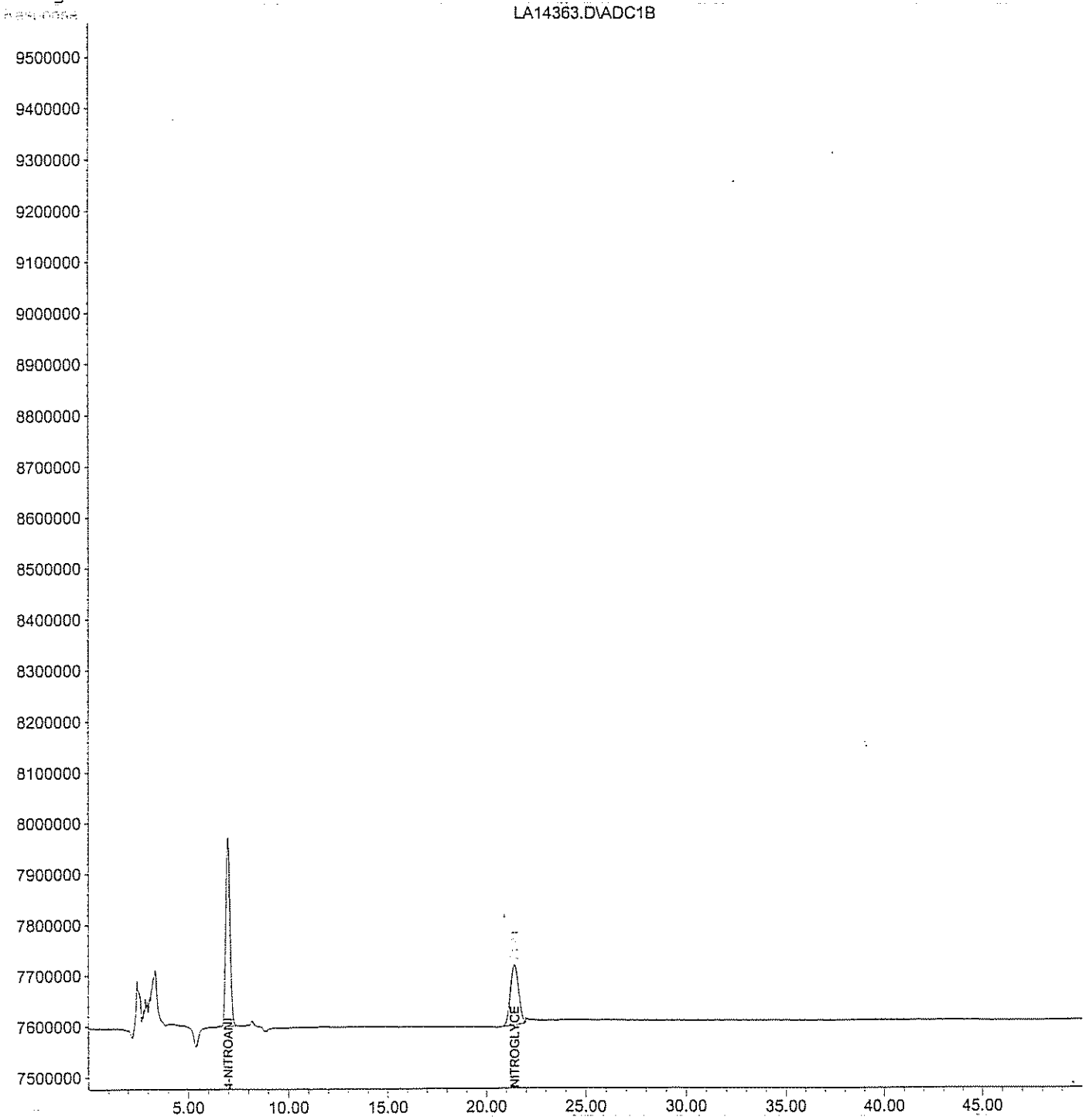
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14363.D Vial: 5
Acq On : 7 Jun 2006 15:27 Operator: SS
Sample : 8330NG-LEV 4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:56 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14364.D Vial: 6
Acq On : 7 Jun 2006 17:31 Operator: SS
Sample : 8330NG-LEV 5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:57 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
1) S	4-NITROANILINE	6.97	141957833	1116.848	PPB
Spiked Amount	300.000		Recovery =	372.28%	
	Target Compounds				
2) M	NITROGLYCERINE	21.39	95433920	55.439	PPM

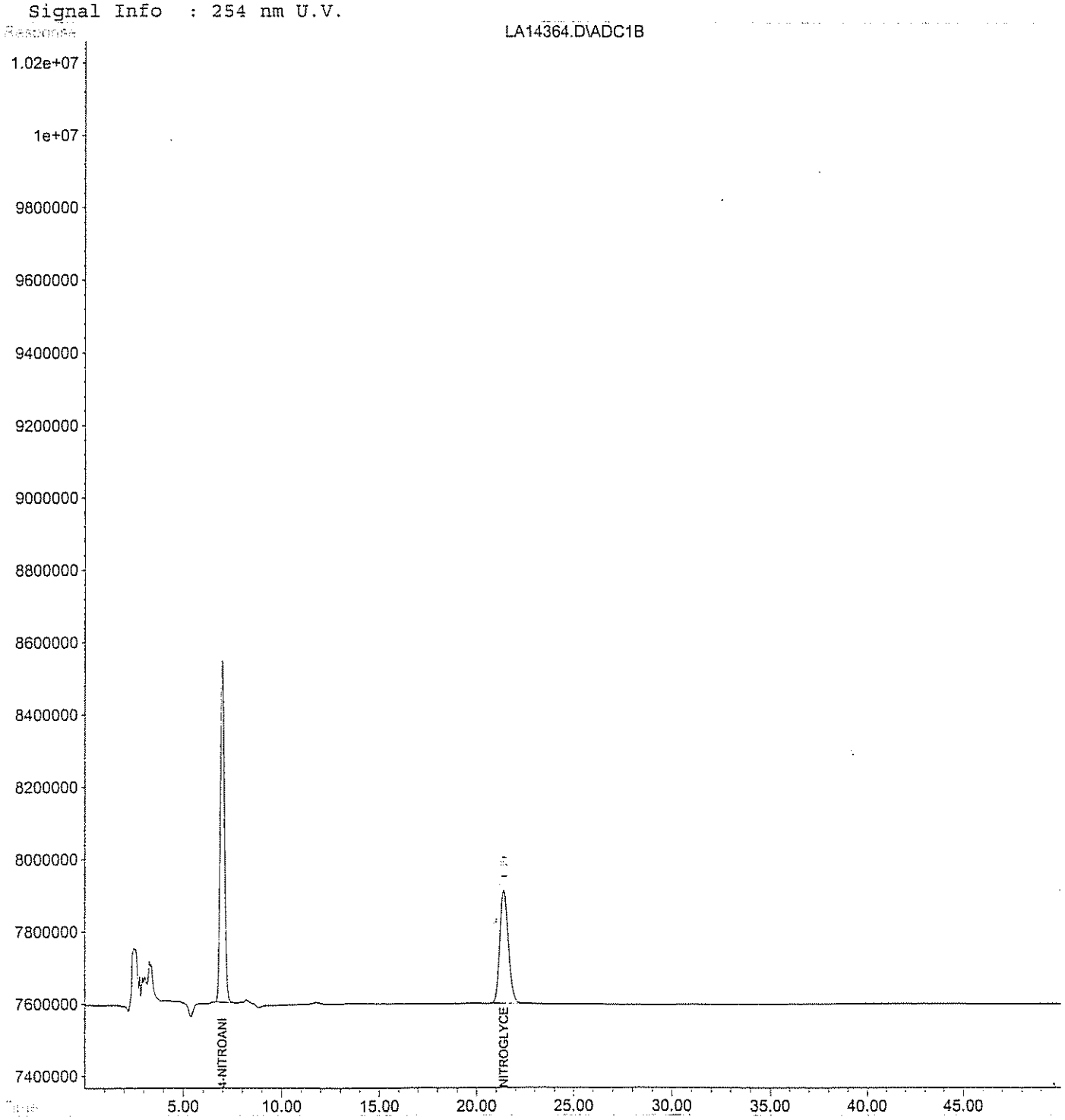
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14364.D Vial: 6
Acq On : 7 Jun 2006 17:31 Operator: SS
Sample : 8330NG-LEV 5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:57 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\060706\LA14365.D Vial: 7
Acq On : 7 Jun 2006 18:26 Operator: SS
Sample : 8330NG- ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:58 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units	
	System Monitoring Compounds					
1)	S 4-NITROANILINE	6.98	28759051	234.599	PPB	m
Spiked Amount	300.000	Recovery	=	78.20%		
	Target Compounds					
2)	M NITROGLYCERINE	21.41	18939480	10.760	PPM	

(f)=RT Delta > 1/2 Window (m)=manual int.

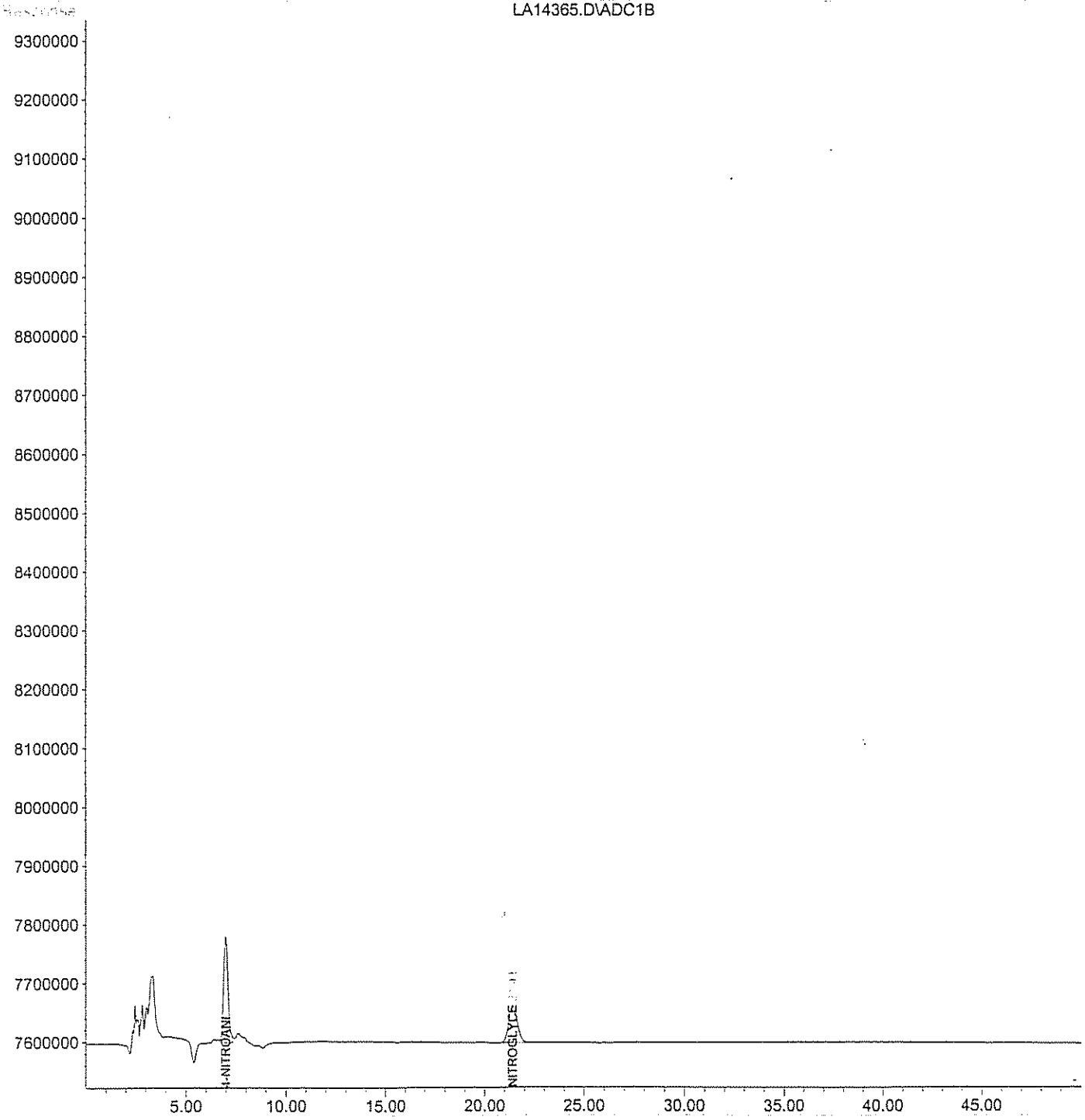
Quantitation Report

Data File : H:\LCDATA\LCA\060706\LA14365.D Vial: 7
Acq On : 7 Jun 2006 18:26 Operator: SS
Sample : 8330NG- ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 8 9:58 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

LA14365.D\ADC1B



Response Factor Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 10:20:04 2006

Calibration Files
LEV1 =LA15127.D LEV2 =LA15128.D LEV3 =LA15129.D
LEV4 =LA15130.D LEV5 =LA15131.D LEV6 =LA15132.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.296	1.290	1.223	1.196	1.208	1.183	1.233	E5	3.96
2)	S	4-Nitroaniline	1.267	1.398	1.267	1.264	1.381	1.271	1.308	E5	4.83
3)	T	1,3,5-Trinitrobenze	3.361	3.419	3.541	3.506	3.534	3.461	3.470	E5	2.04
4)	T	Tetryl	2.286	2.076	2.634	2.617	2.634	2.586	2.472	E5	9.55
5)	T	2,4,6-Trinitrotolue	3.509	3.416	3.447	3.387	3.408	3.322	3.415	E5	1.82
6)	T	4-Amino-2,6-Dinitro	2.696	2.677	2.374	2.337	2.373	2.305	2.460	E5	7.20
7)	T	2,6-Dinitrotoluene	2.363	2.353	2.225	2.165	2.162	2.166	2.239	E5	4.25
8)	T	4-Nitrotoluene	2.348	1.907	1.947	2.040	2.027	1.999	2.045	E5	7.67
9)	M	RDX	1.821	1.731	1.649	1.553	1.571	1.527	1.642	E5	6.99
10)	M	1,3-Dinitrobenzene	5.496	5.066	5.187	5.083	5.115	5.020	5.161	E5	3.36
11)	M	Nitrobenzene	3.955	3.743	3.642	3.647	3.669	3.621	3.713	E5	3.40
12)	M	2-Amino-4,6-Dinitro	3.671	3.777	3.600	3.544	3.573	3.491	3.609	E5	2.82
13)	M	2,4-Dinitrotoluene	5.610	5.477	5.224	5.141	5.177	5.163	5.298	E5	3.71
14)	M	2-Nitrotoluene	2.387	2.414	2.260	2.273	2.294	2.246	2.312	E5	3.06
15)	M	3-Nitrotoluene	2.659	2.646	2.476	2.518	2.516	2.490	2.551	E5	3.15

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15126.D Vial: 1
Acq On : 24 Jul 2006 7:50 pm Operator: AG
Sample : 8330MIX-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:21 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units

System Monitoring Compounds

Target Compounds

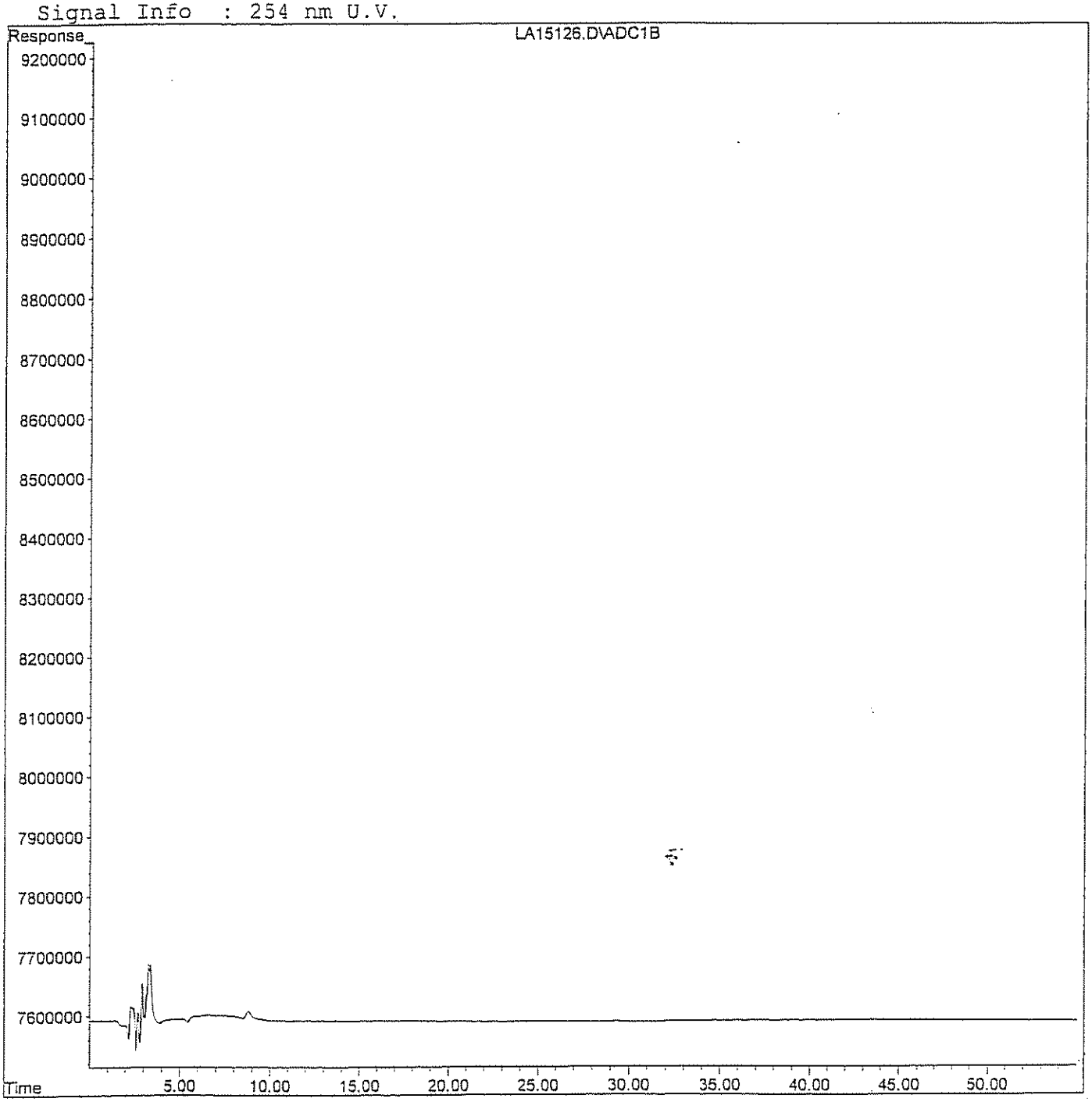
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15126.D Vial: 1
Acq On : 24 Jul 2006 7:50 pm Operator: AG
Sample : 8330MIX-BLK Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:21 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15127.D Vial: 2
Acq On : 24 Jul 2006 8:49 pm Operator: AG
Sample : 8330MIX-LEV1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:19 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.17	2533747	19.283 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	6.43%#
		Target Compounds			
1)	T	HMX	4.62	2592528	20.862 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.69	3360523	9.592 ng/mlm
4)	T	Tetryl	20.24	4571428	18.848 ng/mlm
5)	T	2,4,6-Trinitrotoluene	24.84	3508932	10.376 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	26.62	2695882	10.852 ng/mlm
7)	T	2,6-Dinitrotoluene	31.47	2362751	10.560 ng/mlm
8)	T	4-Nitrotoluene	44.17	4696060	22.843 ng/mlm
9)	M	RDX	9.09	3641036	21.529 ng/mlm
10)	M	1,3-Dinitrobenzene	18.36	5496210	10.648 ng/mlm
11)	M	Nitrobenzene	22.34	3955430	10.646 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	28.39	3670539	10.231 ng/mlm
13)	M	2,4-Dinitrotoluene	32.58	5609844	10.618 ng/mlm
14)	M	2-Nitrotoluene	40.99	4773720	20.714 ng/mlm
15)	M	3-Nitrotoluene	48.05	5317784	20.558 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int

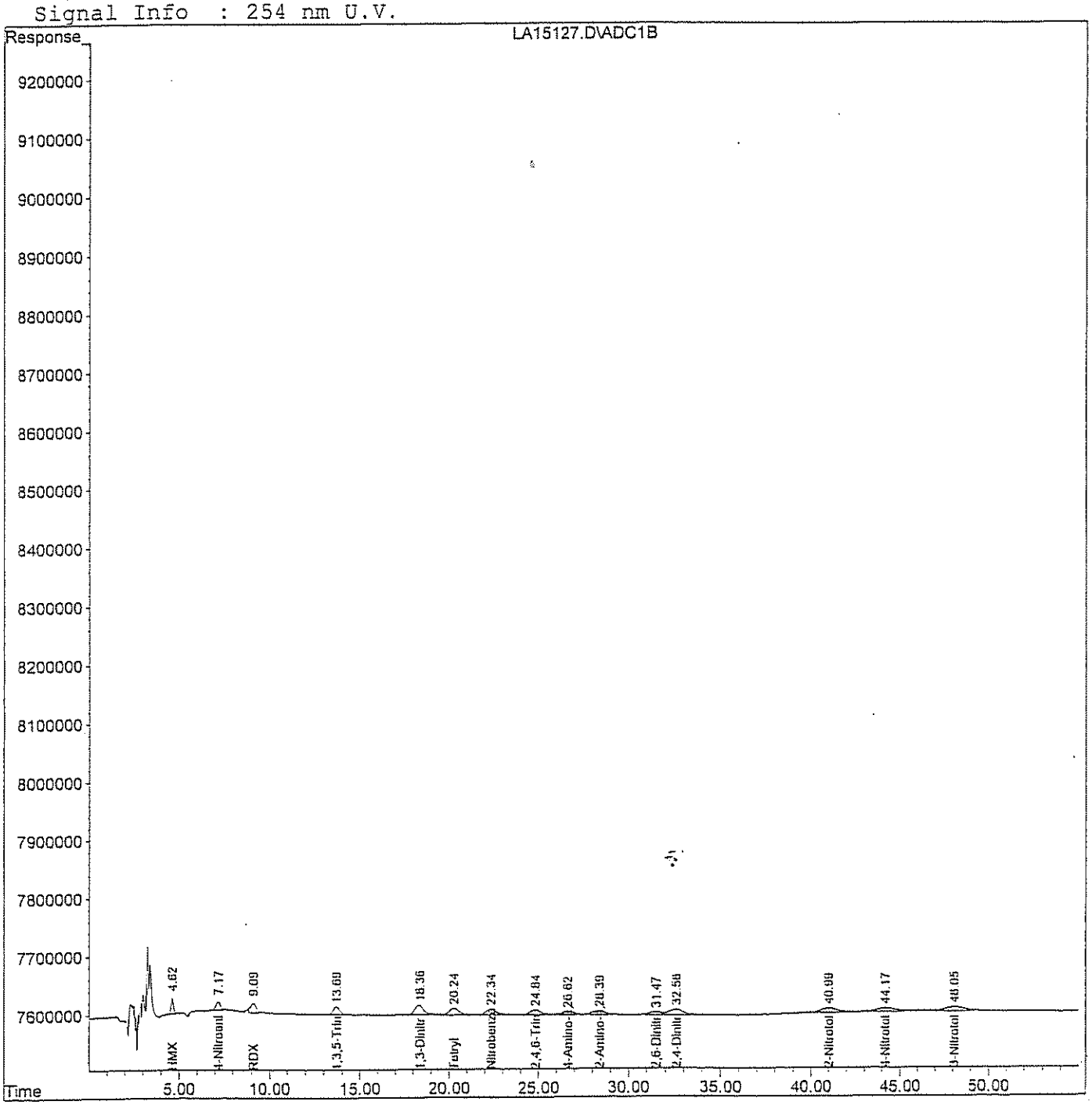
Camp Adair/Adair AFS - Appendix E 200-1e F10OR002908_01.09_0505_a 1777

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15127.D Vial: 2
Acq On : 24 Jul 2006 8:49 pm Operator: AG
Sample : 8330MIX-LEV1 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:19 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15128.D Vial: 3
Acq On : 24 Jul 2006 9:49 pm Operator: AG
Sample : 8330MIX-LEV2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:03 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.18	13976739	106.372 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	35.46%#
		Target Compounds			
1)	T	HMX	4.62	12903421	103.834 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.67	17096793	48.801 ng/mlm
4)	T	Tetryl	20.21	20756774	85.582 ng/mlm
5)	T	2,4,6-Trinitrotoluene	24.80	17080026	50.505 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	26.64	13384172	53.874 ng/mlm
7)	T	2,6-Dinitrotoluene	31.45	11762789	52.570 ng/mlm
8)	T	4-Nitrotoluene	44.25	19070917	92.766 ng/mlm
9)	M	RDX	9.11	17308792	102.345 ng/mlm
10)	M	1,3-Dinitrobenzene	18.28	25328885	49.072 ng/ml
11)	M	Nitrobenzene	22.29	18714119	50.371 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	28.30	18886865	52.644 ng/mlm
13)	M	2,4-Dinitrotoluene	32.59	27386035	51.836 ng/mlm
14)	M	2-Nitrotoluene	41.11	24140767	104.752 ng/mlm
15)	M	3-Nitrotoluene	48.16	26455039	102.275 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int

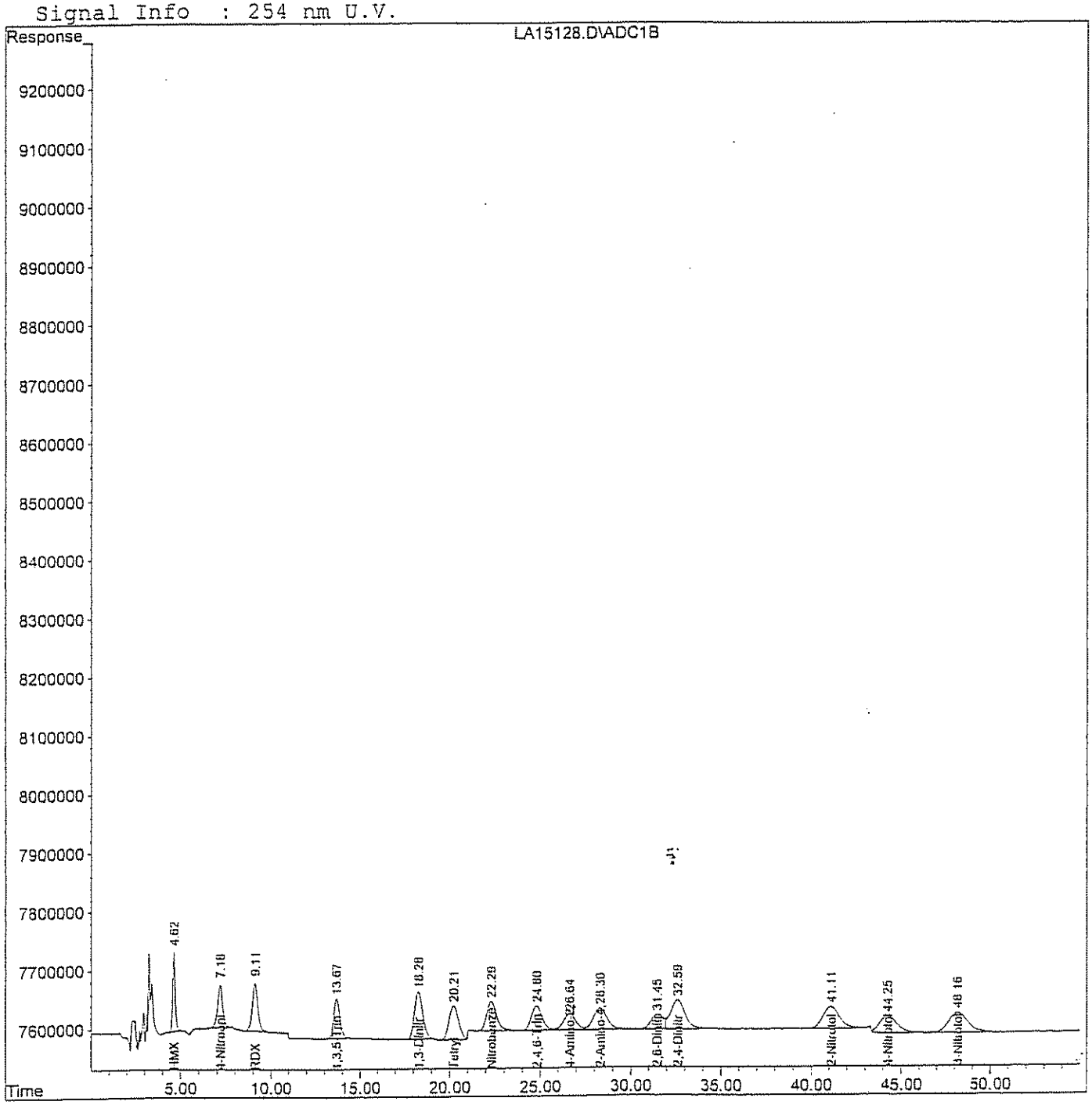
Camp Adair/Adair AFS Appendix F 200-1e F10OR002908_01.09_0505_a 1779

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15128.D Vial: 3
Acq On : 24 Jul 2006 9:49 pm Operator: AG
Sample : 8330MIX-LEV2 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:03 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15129.D Vial: 4
Acq On : 24 Jul 2006 10:48 pm Operator: AG
Sample : 8330MIX-LEV3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	7.16	63364344	482.242 ng/mlm
Spiked Amount	300.000	Range 49 - 133	Recovery =	160.75%#
	Target Compounds			
1) T	HMX	4.61	61156696	492.127 ng/ml
3) T	1,3,5-Trinitrobenzene	13.68	88528114	252.696 ng/ml
4) T	Tetryl	20.25	131700327	543.015 ng/ml
5) T	2,4,6-Trinitrotoluene	24.83	86168690	254.796 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	26.68	59338371	238.850 ng/ml
7) T	2,6-Dinitrotoluene	31.46	55632704	248.633 ng/ml
8) T	4-Nitrotoluene	44.16	97333440	473.455 ng/mlm
9) M	RDX	9.10	82443644	487.480 ng/ml
10) M	1,3-Dinitrobenzene	18.31	129681991	251.245 ng/ml
11) M	Nitrobenzene	22.33	91048887	245.068 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	28.31	89996265	250.848 ng/ml
13) M	2,4-Dinitrotoluene	32.57	130595008	247.190 ng/ml
14) M	2-Nitrotoluene	41.03	112976058	490.228 ng/ml
15) M	3-Nitrotoluene	48.07	123794902	478.588 ng/ml

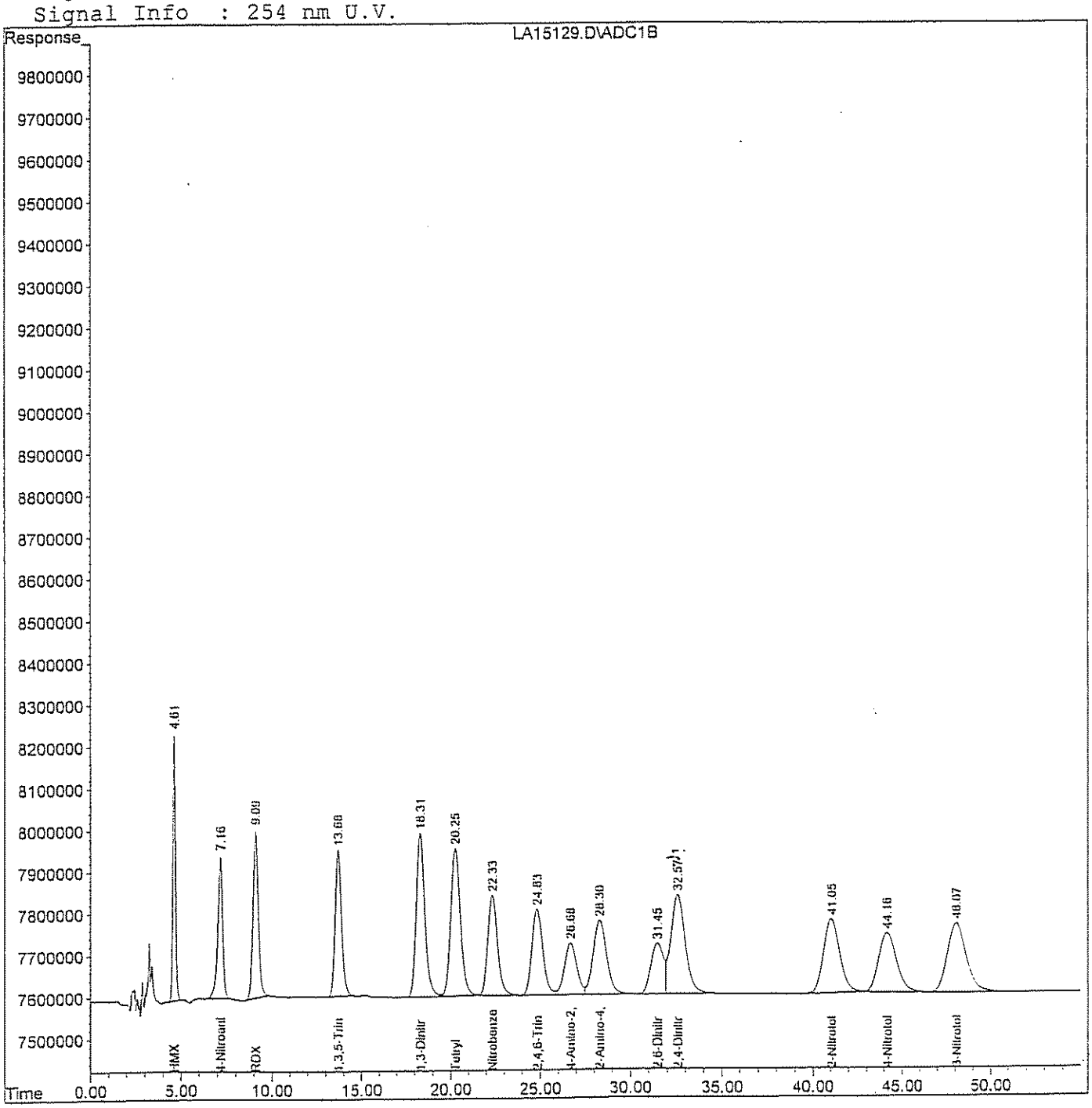
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15129.D Vial: 4
Acq On : 24 Jul 2006 10:48 pm Operator: AG
Sample : 8330MIX-LEV3 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15130.D Vial: 5
Acq On : 24 Jul 2006 11:48 pm Operator: AG
Sample : 8330MIX-LEV4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	7.18	126392628	961.925 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	320.64%#
		Target Compounds			
1)	T	HMX	4.63	119551378	962.028 ng/ml
3)	T	1,3,5-Trinitrobenzene	13.69	175298545	500.374 ng/ml
4)	T	Tetryl	20.25	261744389	1079.201 ng/ml
5)	T	2,4,6-Trinitrotoluene	24.82	169367688	500.811 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.68	116836675	470.293 ng/ml
7)	T	2,6-Dinitrotoluene	31.44	108235838	483.727 ng/ml
8)	T	4-Nitrotoluene	44.13	204046526	992.536 ng/ml
9)	M	RDX	9.12	155334981	918.479 ng/ml
10)	M	1,3-Dinitrobenzene	18.31	254134020	492.358 ng/ml
11)	M	Nitrobenzene	22.33	182351687	490.819 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.29	177179097	493.854 ng/ml
13)	M	2,4-Dinitrotoluene	32.55	257032275	486.510 ng/ml
14)	M	2-Nitrotoluene	41.00	227330639	986.437 ng/ml
15)	M	3-Nitrotoluene	48.06	251779178	973.372 ng/ml

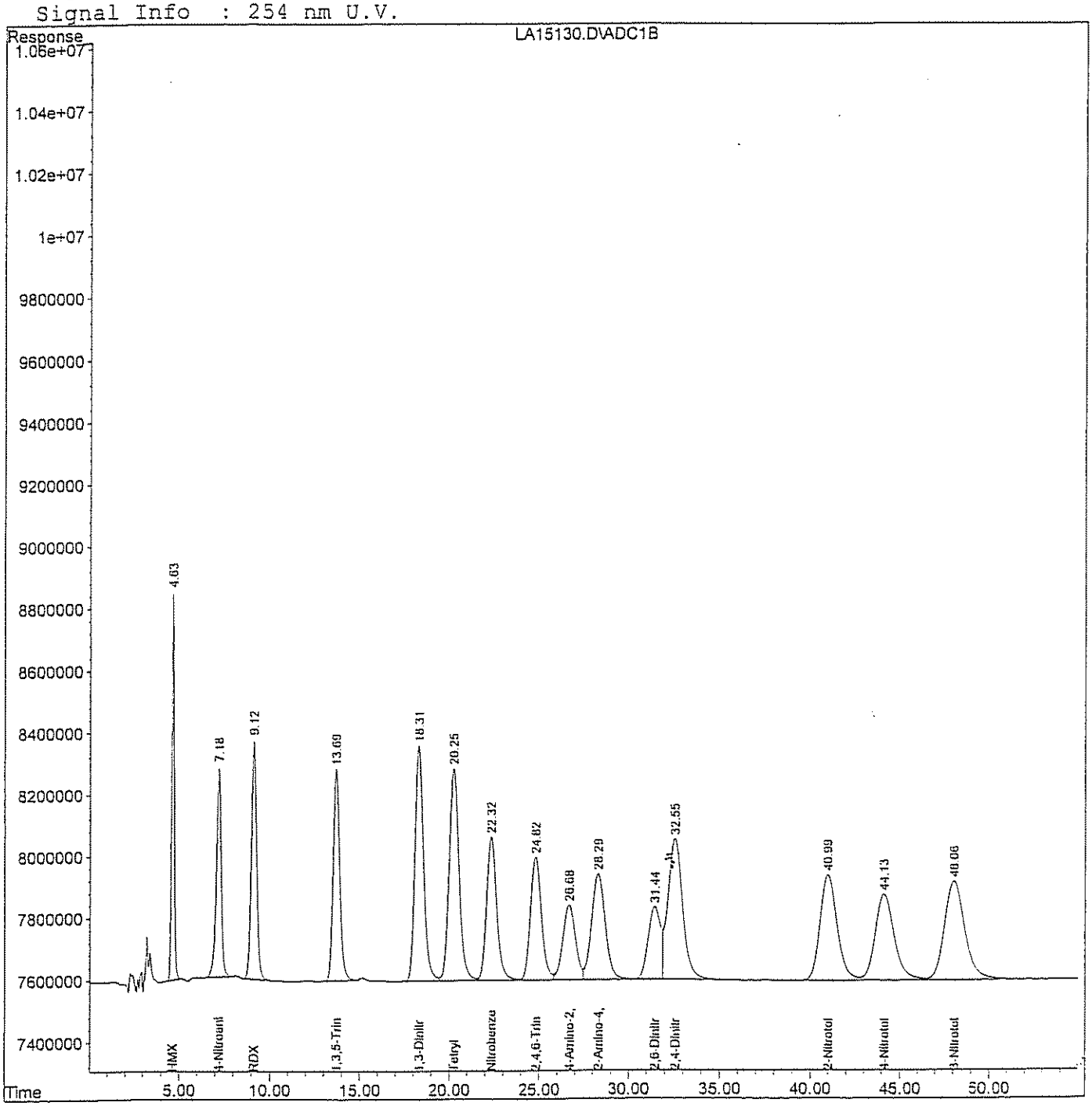
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15130.D Vial: 5
Acq On : 24 Jul 2006 11:48 pm Operator: AG
Sample : 8330MIX-LEV4 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:00 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15131.D Vial: 6
Acq On : 25 Jul 2006 12:47 am Operator: AG
Sample : 8330MIX-LEV5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.19	276125577	2101.485	ng/ml
Spiked Amount 300.000		Range 49 - 133		Recovery = 700.50%#		
Target Compounds						
1)	T	HMX	4.63	241558568	1943.817	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.68	353379901	1008.691	ng/ml
4)	T	Tetryl	20.24	526827041	2172.165	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.81	340780189	1007.669	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.67	237312925	955.237	ng/ml
7)	T	2,6-Dinitrotoluene	31.43	216162020	966.070	ng/ml
8)	T	4-Nitrotoluene	44.17	405456361	1972.246	ng/ml
9)	M	RDX	9.12	314198319	1857.820	ng/ml
10)	M	1,3-Dinitrobenzene	18.30	511517616	991.011	ng/ml
11)	M	Nitrobenzene	22.32	366851214	987.420	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.28	357343068	996.029	ng/ml
13)	M	2,4-Dinitrotoluene	32.54	517664050	979.834	ng/ml
14)	M	2-Nitrotoluene	41.02	458745788	1990.597	ng/ml
15)	M	3-Nitrotoluene	48.11	503189091	1945.317	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int

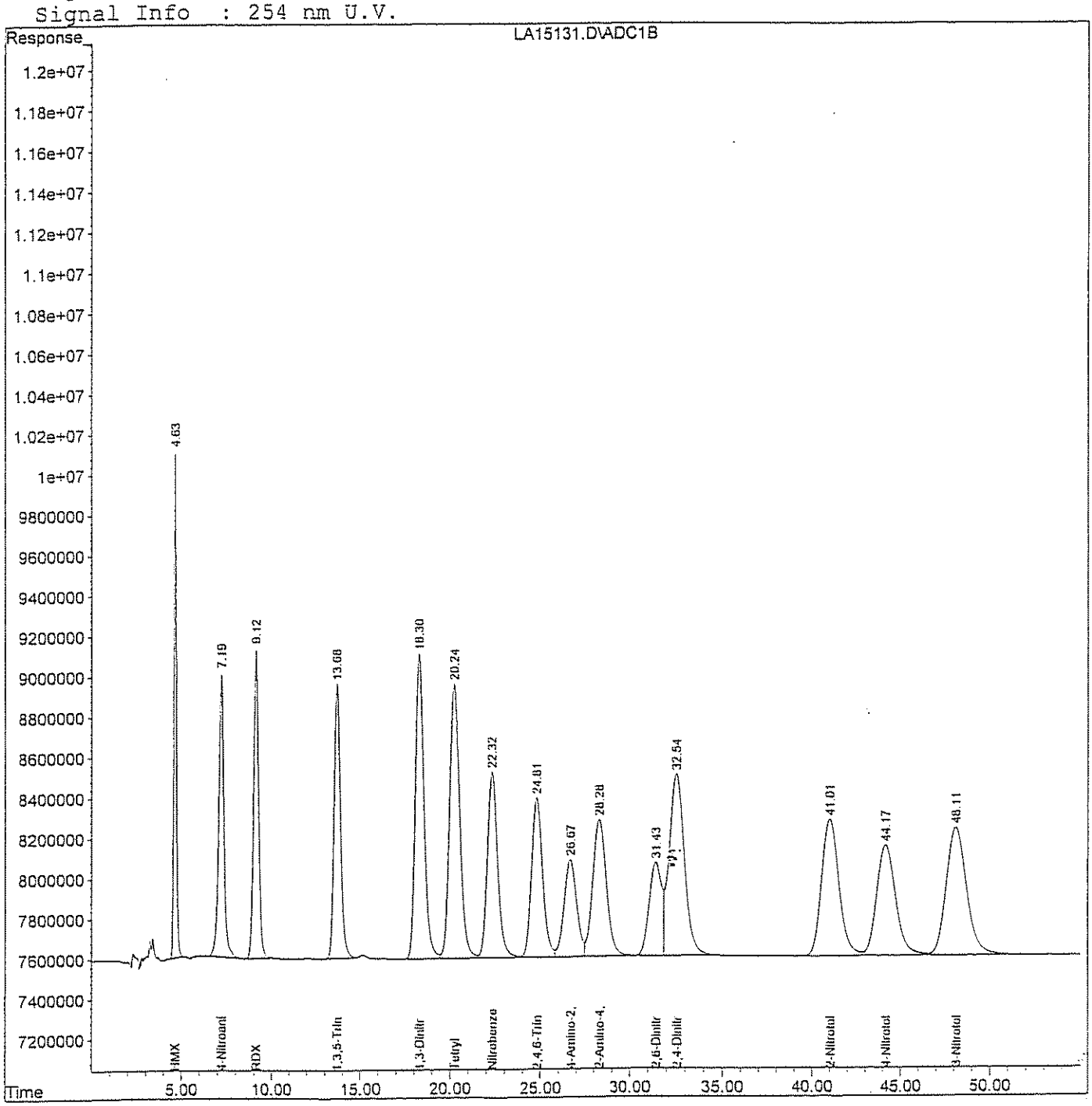
Camp Adair/Adair AFS - Appendix F 200-1e F10OR002908_01.09_0505_a 1785

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15131.D Vial: 6
Acq On : 25 Jul 2006 12:47 am Operator: AG
Sample : 8330MIX-LEV5 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15132.D Vial: 7
Acq On : 25 Jul 2006 1:47 am Operator: AG
Sample : 8330MIX-LEV6 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.17	635419184	4835.930	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 1611.98%#	
		Target Compounds				
1)	T	HMX	4.63	591641981	4760.932	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.66	865302677	2469.929	ng/ml
4)	T	Tetryl	20.20	1293186291	5331.948	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.78	830405000	2455.464	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.61	576219874	2319.411	ng/ml
7)	T	2,6-Dinitrotoluene	31.41	541546198	2420.275	ng/ml
8)	T	4-Nitrotoluene	44.19	999422431	4861.452	ng/ml
9)	M	RDX	9.10	763573799	4514.927	ng/ml
10)	M	1,3-Dinitrobenzene	18.27	1255087143	2431.598	ng/ml
11)	M	Nitrobenzene	22.28	905197797	2436.437	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.23	872628409	2432.293	ng/ml
13)	M	2,4-Dinitrotoluene	32.52	1290636854	2442.916	ng/ml
14)	M	2-Nitrotoluene	41.05	1122871373	4872.381	ng/ml
15)	M	3-Nitrotoluene	48.13	1244879261	4812.673	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int

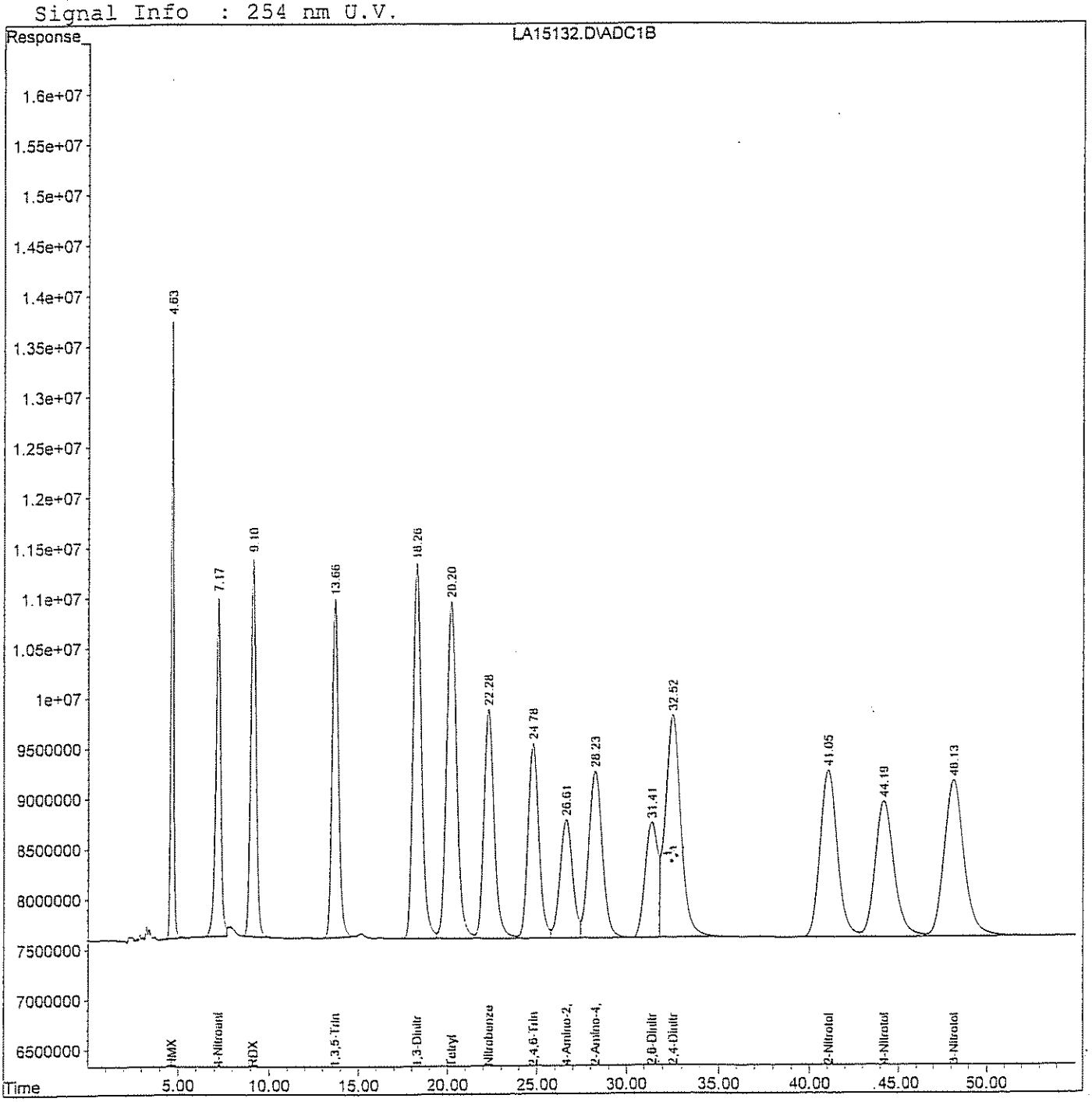
Camp Adair/Adair AFS - Appendix F 200-1e F1DOR002908_01.09_0505_a 1787

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15132.D Vial: 7
Acq On : 25 Jul 2006 1:47 am Operator: AG
Sample : 8330MIX-LEV6 Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 9:59 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\072406\LA15133.D Vial: 8
Acq On : 25 Jul 2006 2:46 am Operator: AG
Sample : 8330MIX-ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:23 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
Target Compounds						
1)	T	HMX	4.64	31709492	257.232	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.68	79396556	228.787	ng/ml
4)	T	Tetryl	20.22	52172418	211.034	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.79	96941841	283.892	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.65	53747201	218.470	ng/mlm
7)	T	2,6-Dinitrotoluene	31.42	57471600	256.701	ng/ml
8)	T	4-Nitrotoluene	44.20	45747798	223.735	ng/ml
9)	M	RDX	9.12	37577803	228.859	ng/ml
10)	M	1,3-Dinitrobenzene	18.29	123884926	240.029	ng/ml
11)	M	Nitrobenzene	22.31	93308511	251.319	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.27	81694969	226.351	ng/mlm
13)	M	2,4-Dinitrotoluene	32.54	123928225	233.895	ng/ml
14)	M	2-Nitrotoluene	41.05	53867995	232.972	ng/ml
15)	M	3-Nitrotoluene	48.12	58720340	230.219	ng/ml

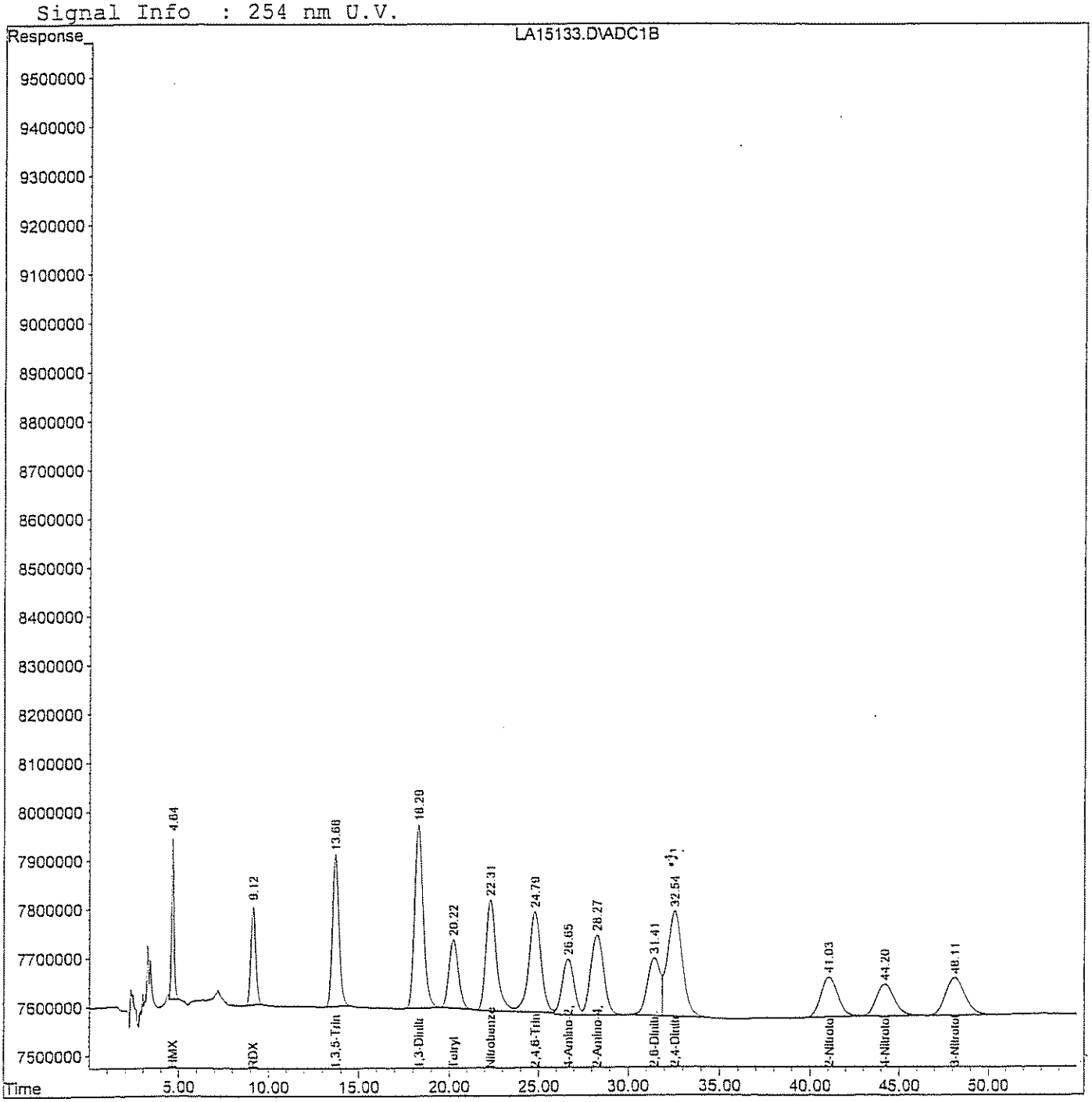
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCA\072406\LA15133.D Vial: 8
Acq On : 25 Jul 2006 2:46 am Operator: AG
Sample : 8330MIX-ICV Inst : LCA
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 25 10:23 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Response Factor Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Thu Aug 03 09:47:48 2006

Calibration Files
LEV1 =LB35345.D LEV2 =LB35346.D LEV3 =LB35347.D
LEV4 =LB35348.D LEV5 =LB35349.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-NITROANILINE	1.083	1.054	1.022	1.036	1.043	1.047	E5	2.20
2)	M	NITROGLYCERINE	1.875	1.608	1.761	1.779	1.738	1.752	E6	5.48

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35344.D Vial: 1
Acq On : 2 Aug 2006 19:03 Operator: SS
Sample : 8330NG-BLK Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	0.00	0	N.D.	PPB
Spiked Amount 300.000	Recovery = 0.00%			
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

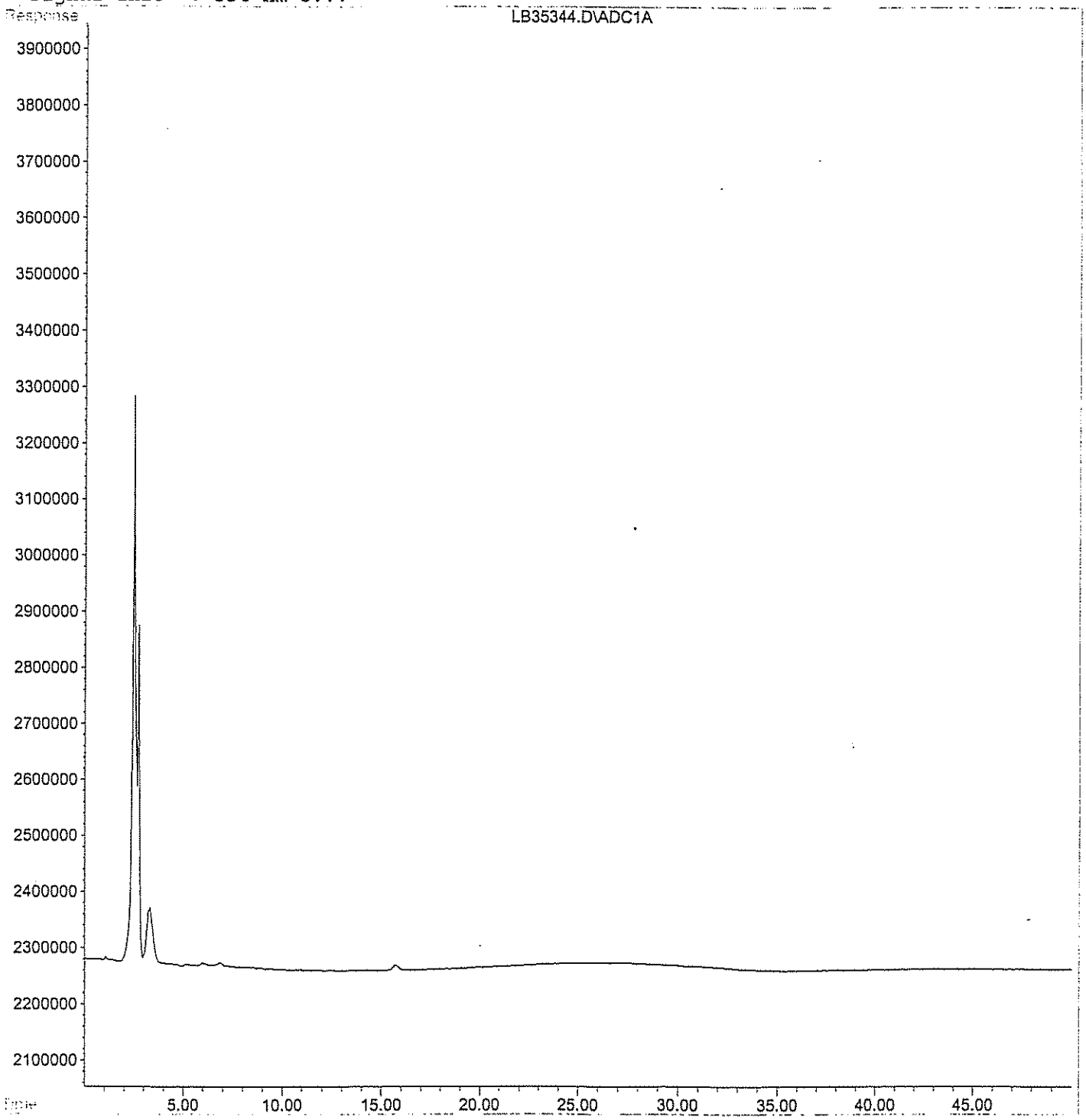
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35344.D Vial: 1
Acq On : 2 Aug 2006 19:03 Operator: SS
Sample : 8330NG-BLK Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35345.D Vial: 2
Acq On : 2 Aug 2006 19:55 Operator: SS
Sample : 8330NG-LEV1 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc	Units	
	System Monitoring Compounds					
1) S	4-NITROANILINE	8.61	2707665	25.202	PPB	m
Spiked Amount	300.000		Recovery =	8.40%		
	Target Compounds					
2) M	NITROGLYCERINE	27.31f	1874941	1.073	PPM	m

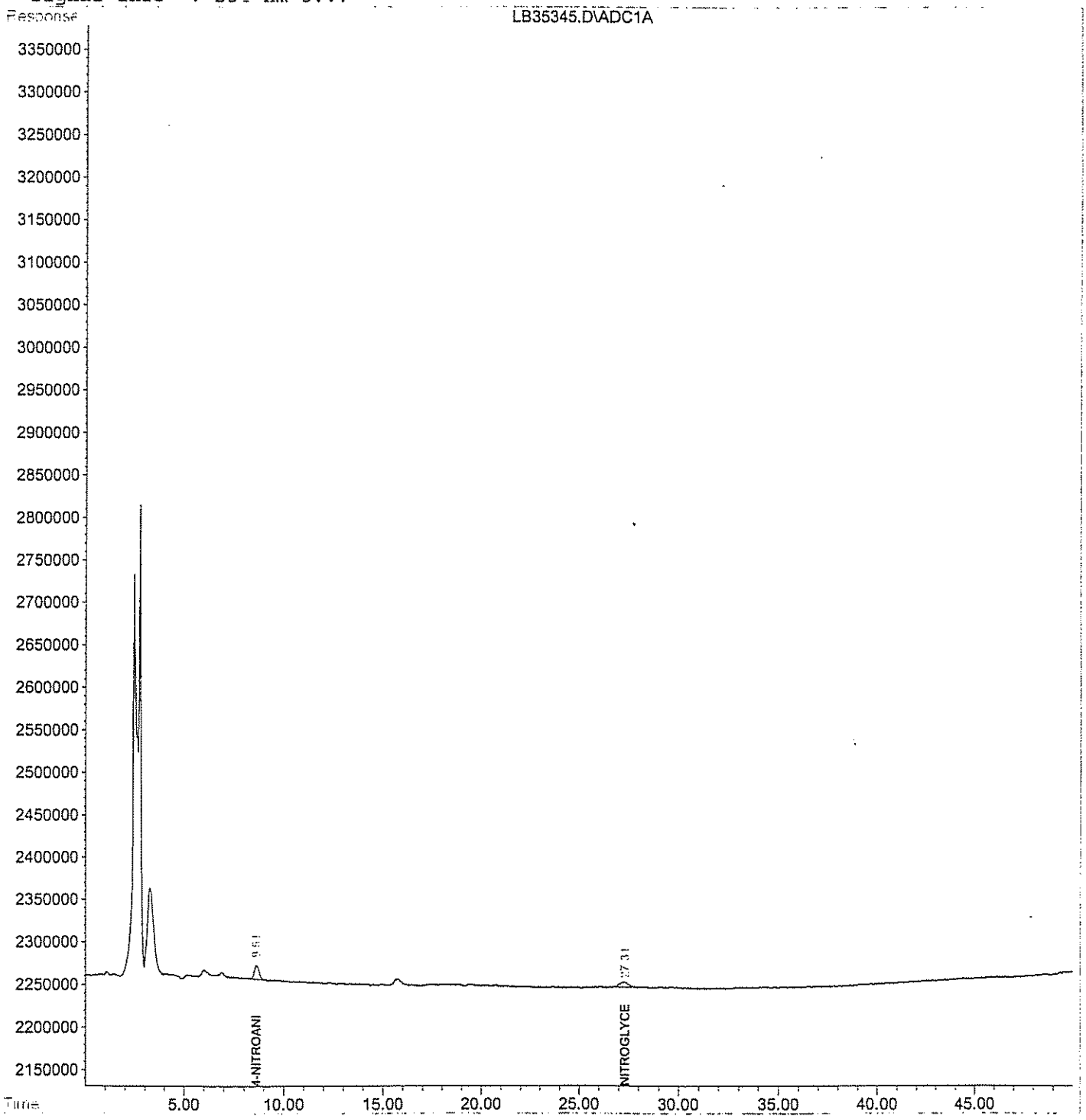
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35345.D Vial: 2
Acq On : 2 Aug 2006 19:55 Operator: SS
Sample : 8330NG-LEV1 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35346.D Vial: 3
Acq On : 2 Aug 2006 20:46 Operator: SS
Sample : 8330NG-LEV2 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.63	13171240	125.713 PPB
Spiked Amount 300.000		Recovery =	41.90%
Target Compounds			
2) M NITROGLYCERINE	27.22	8039370	4.627 PPM m

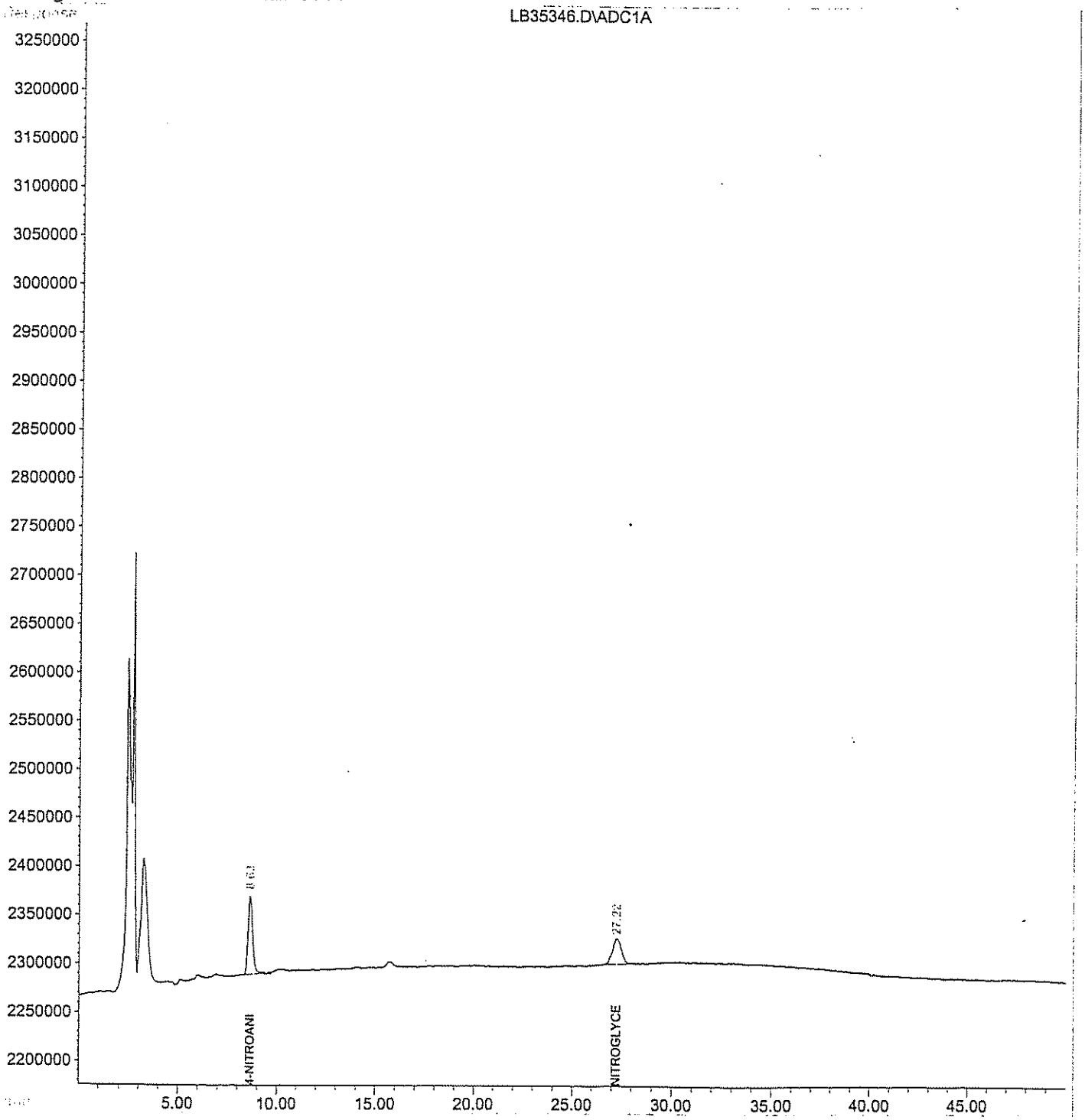
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35346.D Vial: 3
Acq On : 2 Aug 2006 20:46 Operator: SS
Sample : 8330NG-LEV2 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35347.D Vial: 4
Acq On : 2 Aug 2006 21:37 Operator: SS
Sample : 8330NG-LEV3 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:43 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.61	25547182	237.758 PPB
Spiked Amount 300.000		Recovery =	79.25%
Target Compounds			
2) M NITROGLYCERINE	27.16	17605700	10.216 PPM

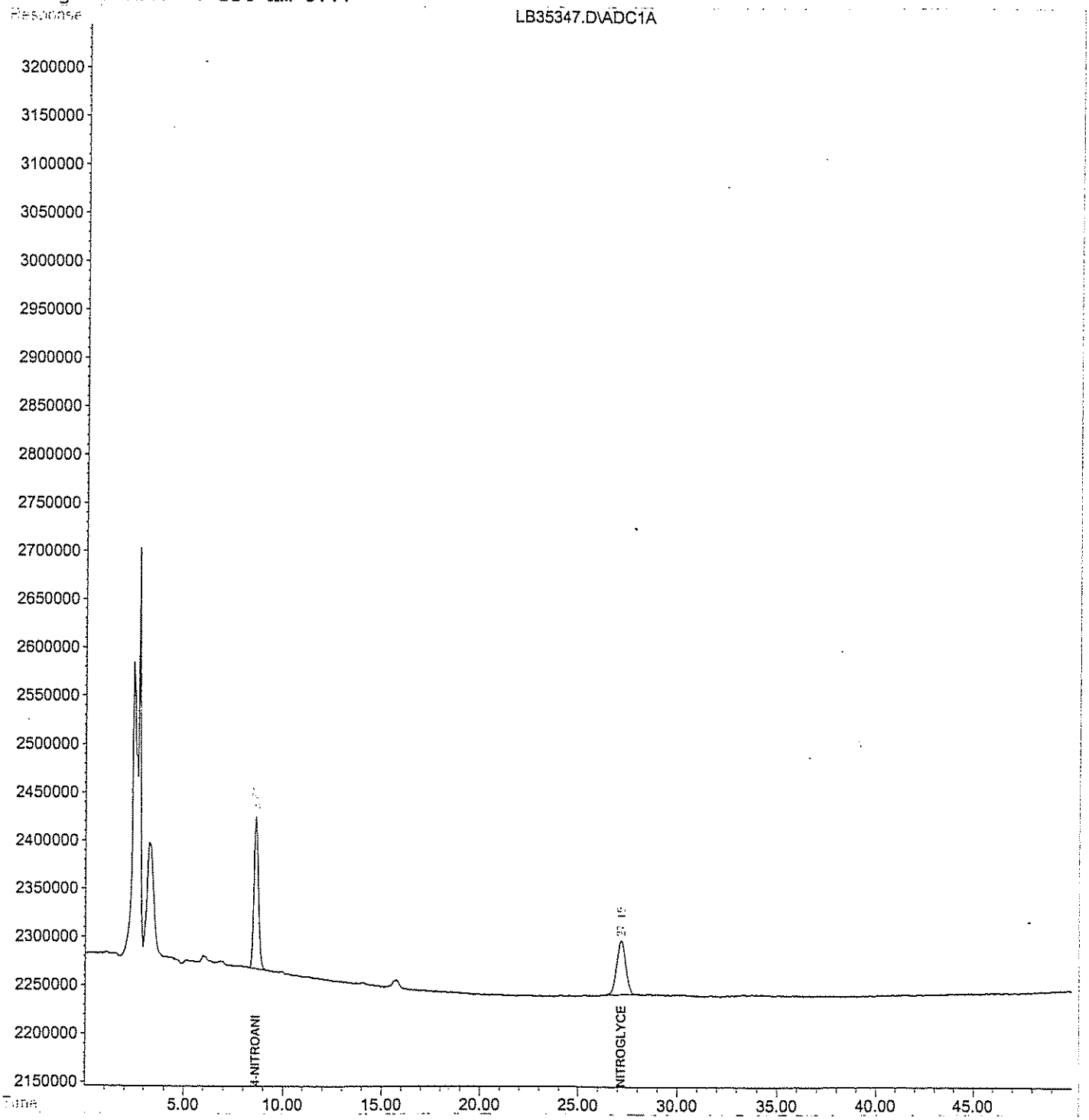
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35347.D Vial: 4
Acq On : 2 Aug 2006 21:37 Operator: SS
Sample : 8330NG-LEV3 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:43 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35348.D Vial: 5
Acq On : 2 Aug 2006 22:28 Operator: SS
Sample : 8330NG-LEV4 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.62	51784030	497.698 PPB
Spiked Amount 300.000		Recovery =	165.90%
Target Compounds			
2) M NITROGLYCERINE	27.16	35572771	20.756 PPM

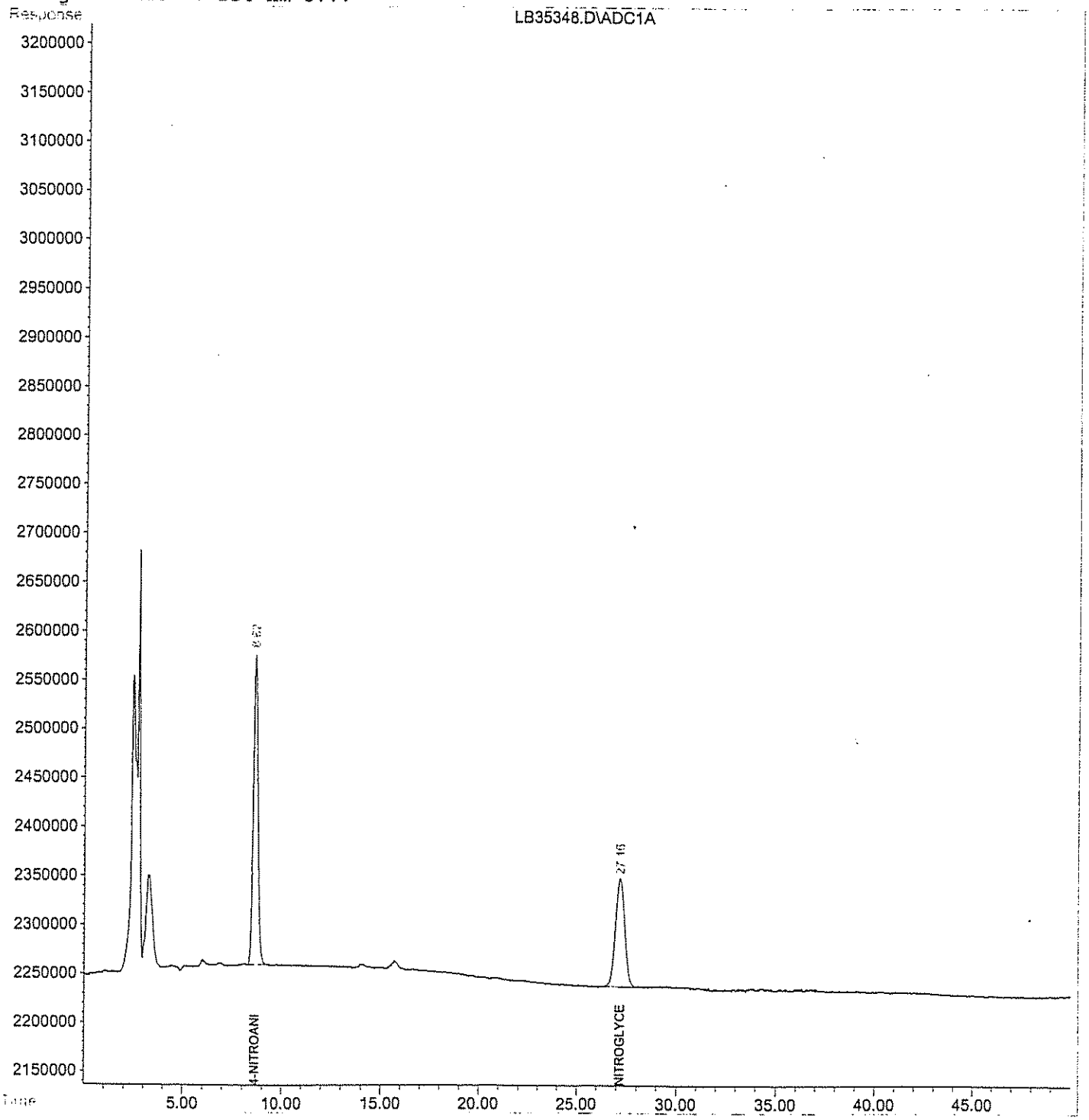
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35348.D Vial: 5
Acq On : 2 Aug 2006 22:28 Operator: SS
Sample : 8330NG-LEV4 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:44 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35349.D Vial: 6
Acq On : 2 Aug 2006 23:20 Operator: SS
Sample : 8330NG-LEV5 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	4-NITROANILINE	8.61	130333632	1246.482 PPB
Spiked Amount	300.000		Recovery =	415.49%
	Target Compounds			
2) M	NITROGLYCERINE	27.15	86895470	49.904 PPM

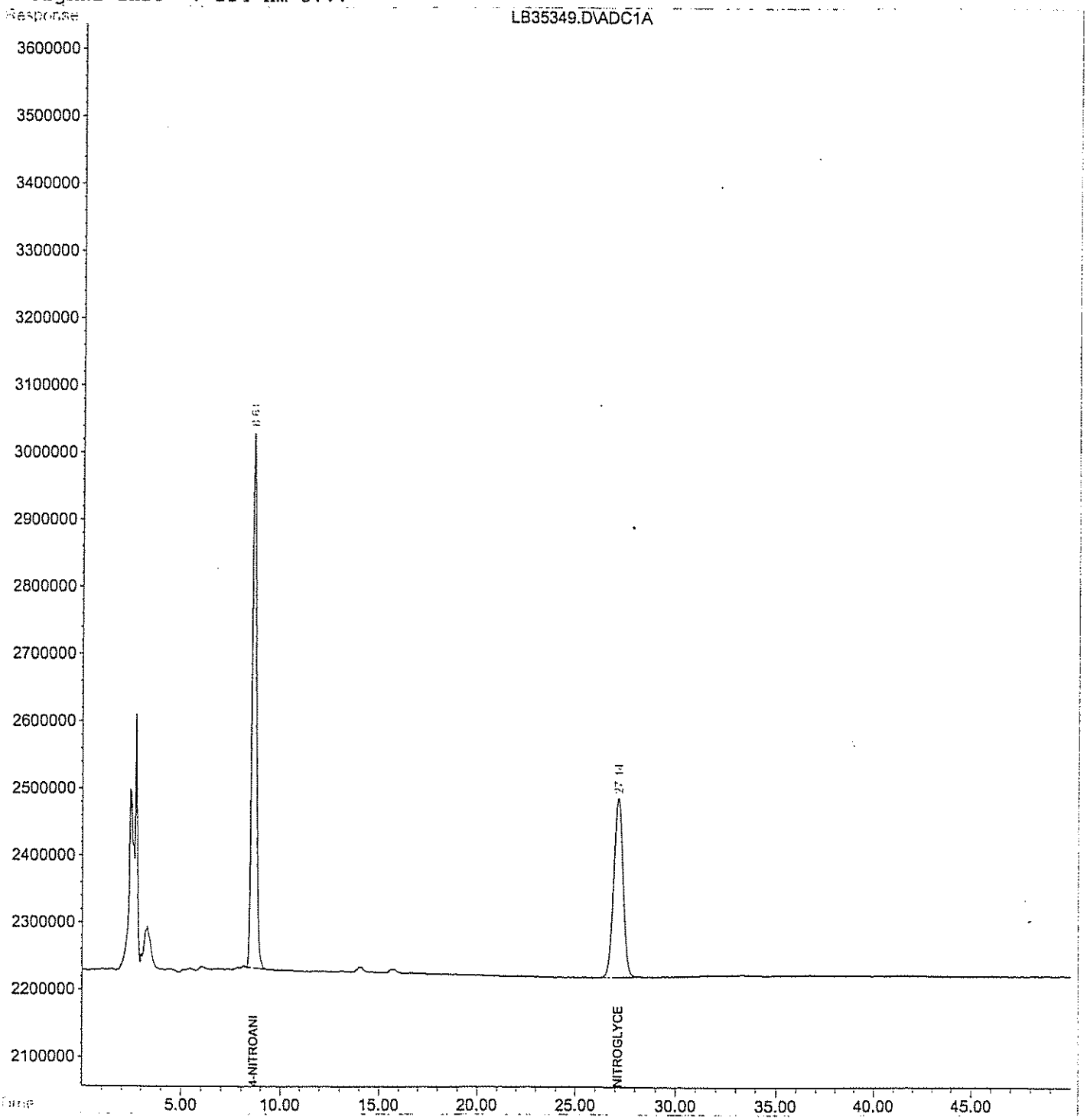
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35349.D Vial: 6
Acq On : 2 Aug 2006 23:20 Operator: SS
Sample : 8330NG-LEV5 Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:45 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Evaluate Continuing Calibration Report

Data File : H:\LCDATA\LCB\080206\LB35350.D Vial: 7
Acq On : 3 Aug 2006 00:11 Operator: SS
Sample : 8330NG-ICV Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Sun Sep 17 12:51:35 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
2	M	NITROGLYCERINE	1.752	1.699 E6	3.0	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB35350.D 6802NGCO.M Sun Sep 17 12:51:42 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\080206\LB35350.D Vial: 7
Acq On : 3 Aug 2006 00:11 Operator: SS
Sample : 8330NG-ICV Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:46 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	0.00	0	N.D. PPB
Spiked Amount 300.000		Recovery =	0.00%
Target Compounds			
2) M NITROGLYCERINE	27.11	16987539	9.696 PPM

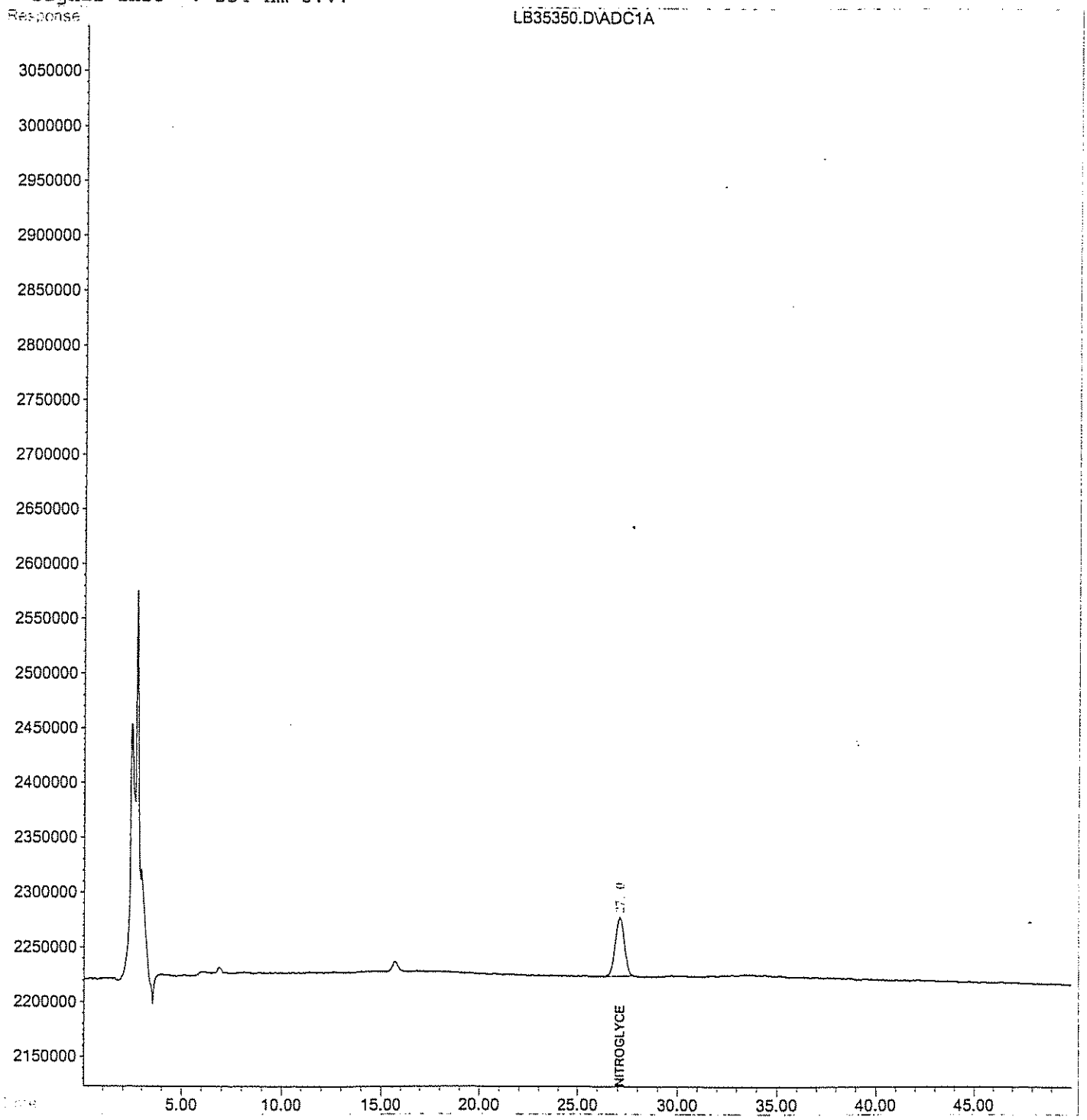
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\080206\LB35350.D Vial: 7
Acq On : 3 Aug 2006 00:11 Operator: SS
Sample : 8330NG-ICV Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 3 9:46 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Response Factor Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006

Calibration Files
LEV1 =LB35284.D LEV2 =LB35285.D LEV3 =LB35286.D
LEV4 =LB35287.D LEV5 =LB35288.D LEV6 =LB35289.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.654	1.243	1.362	1.300	1.285	1.284	1.355	E5	11.18
2)	S	4-Nitroaniline	1.727	1.180	1.251	1.180	1.182	1.182	1.284	E5	17.06
3)	T	1,3,5-Trinitrobenze	4.853	3.315	3.594	3.494	3.425	3.496	3.696	E5	15.54
4)	T	Tetryl	3.475	2.452	2.612	2.536	2.521	2.569	2.694	E5	14.34
5)	T	2,4,6-Trinitrotolue	4.916	3.271	3.338	3.278	3.246	3.270	3.553	E5	18.81
6)	T	4-Amino-2,6-Dinitro	8.298	5.592	6.015	5.755	5.724	5.754	6.190	E5	16.84
7)	T	2,6-Dinitrotoluene	3.426	2.252	2.431	2.374	2.352	2.362	2.533	E5	17.43
8)	T	4-Nitrotoluene	3.205	2.189	2.339	2.263	2.265	2.240	2.417	E5	16.11
9)	M	RDX	2.356	1.560	1.651	1.586	1.574	1.584	1.718	E5	18.27
10)	M	1,3-Dinitrobenzene	6.939	4.698	5.040	4.912	4.875	4.863	5.221	E5	16.25
11)	M	Nitrobenzene	4.940	3.234	3.385	3.279	3.254	3.204	3.549	E5	19.27
12)	M	2-Amino-4,6-Dinitro	8.114	5.592	6.015	5.755	5.724	5.754	6.159	E5	15.71
13)	M	2,4-Dinitrotoluene	6.578	4.372	4.769	4.614	4.576	4.595	4.917	E5	16.74
14)	M	2-Nitrotoluene	2.997	2.022	2.152	2.091	2.078	2.046	2.231	E5	16.93
15)	M	3-Nitrotoluene	2.550	1.790	1.890	1.826	1.818	1.791	1.944	E5	15.38

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35283.D Vial: 1
Acq On : 30 Jul 2006 13:19 Operator: AG
Sample : BLK Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:40 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units

System Monitoring Compounds

Target Compounds

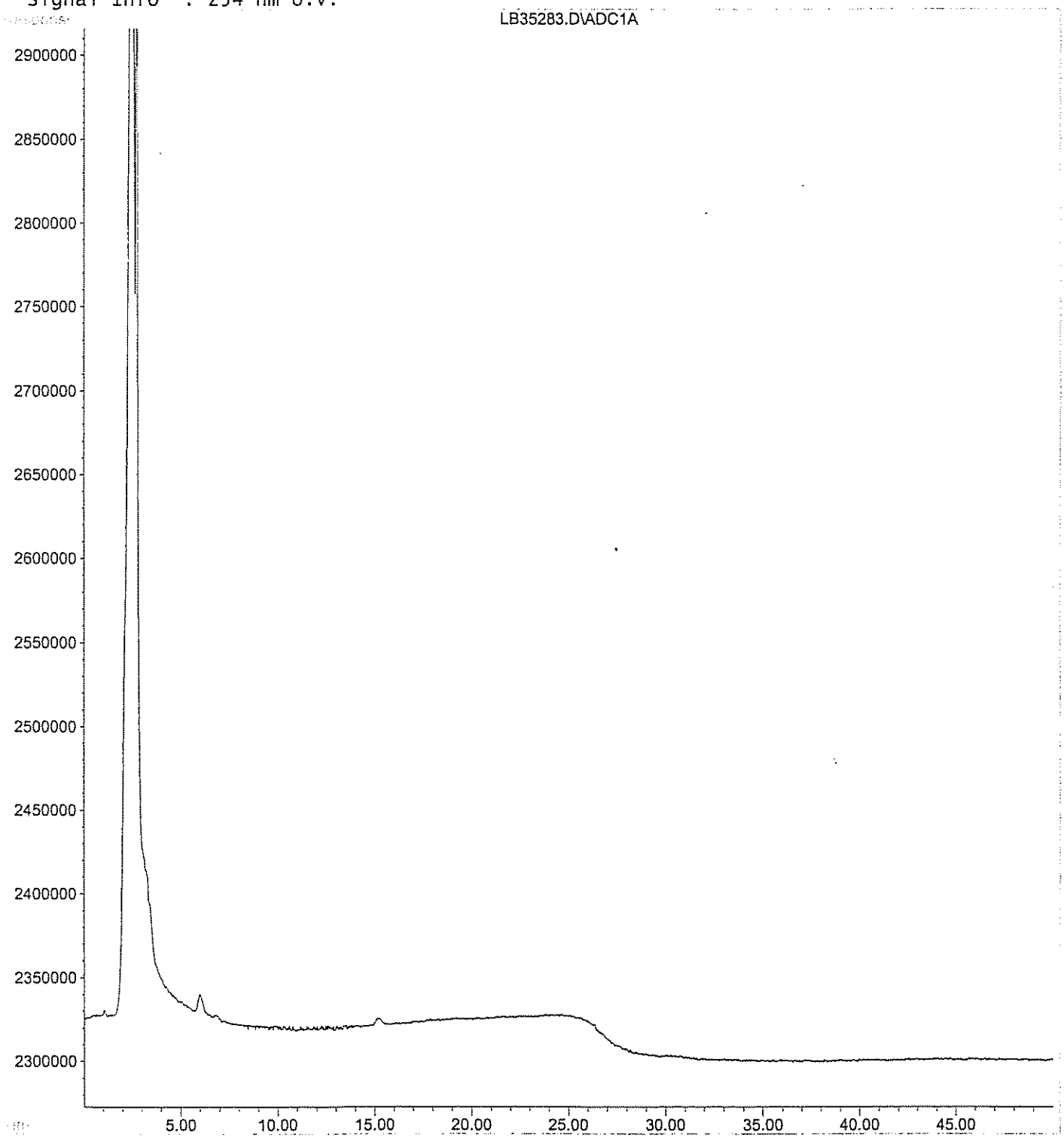
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35283.D Vial: 1
Acq On : 30 Jul 2006 13:19 Operator: AG
Sample : BLK Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:40 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35284.D Vial: 2
Acq On : 30 Jul 2006 14:10 Operator: AG
Sample : 8330MIX-LEV-1 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:38 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.45	3454727	27.307 ng/ml
Spiked Amount 300.000 Range 49 - 133		Recovery =	9.10%#
Target Compounds			
1) T HMX	14.33	3307845	23.843 ng/mlm
3) T 1,3,5-Trinitrobenzene	26.14	4853393	13.172 ng/mlm
4) T Tetryl	38.67	6949695	26.354 ng/mlm
5) T 2,4,6-Trinitrotoluene	35.81	4915696	13.995 ng/mlm
6) T 4-Amino-2,6-Dinitrotoluene	18.05	8298388	13.765 ng/ml
7) T 2,6-Dinitrotoluene	22.51	3425577	13.862 ng/mlm
8) T 4-Nitrotoluene	20.21	6410909	26.676 ng/mlm
9) M RDX	11.98	4712249	27.776 ng/mlm
10) M 1,3-Dinitrobenzene	17.13	6938890	13.511 ng/mlm
11) M Nitrobenzene	13.74	4939626	14.070 ng/mlm
12) M 2-Amino-4,6-Dinitrotoluene	18.07	8114487	13.396 ng/mlm
13) M 2,4-Dinitrotoluene	23.83	6577952	13.508 ng/mlm
14) M 2-Nitrotoluene	18.90	5993355	27.648 ng/mlm
15) M 3-Nitrotoluene	19.40	5099698	26.355 ng/mlm

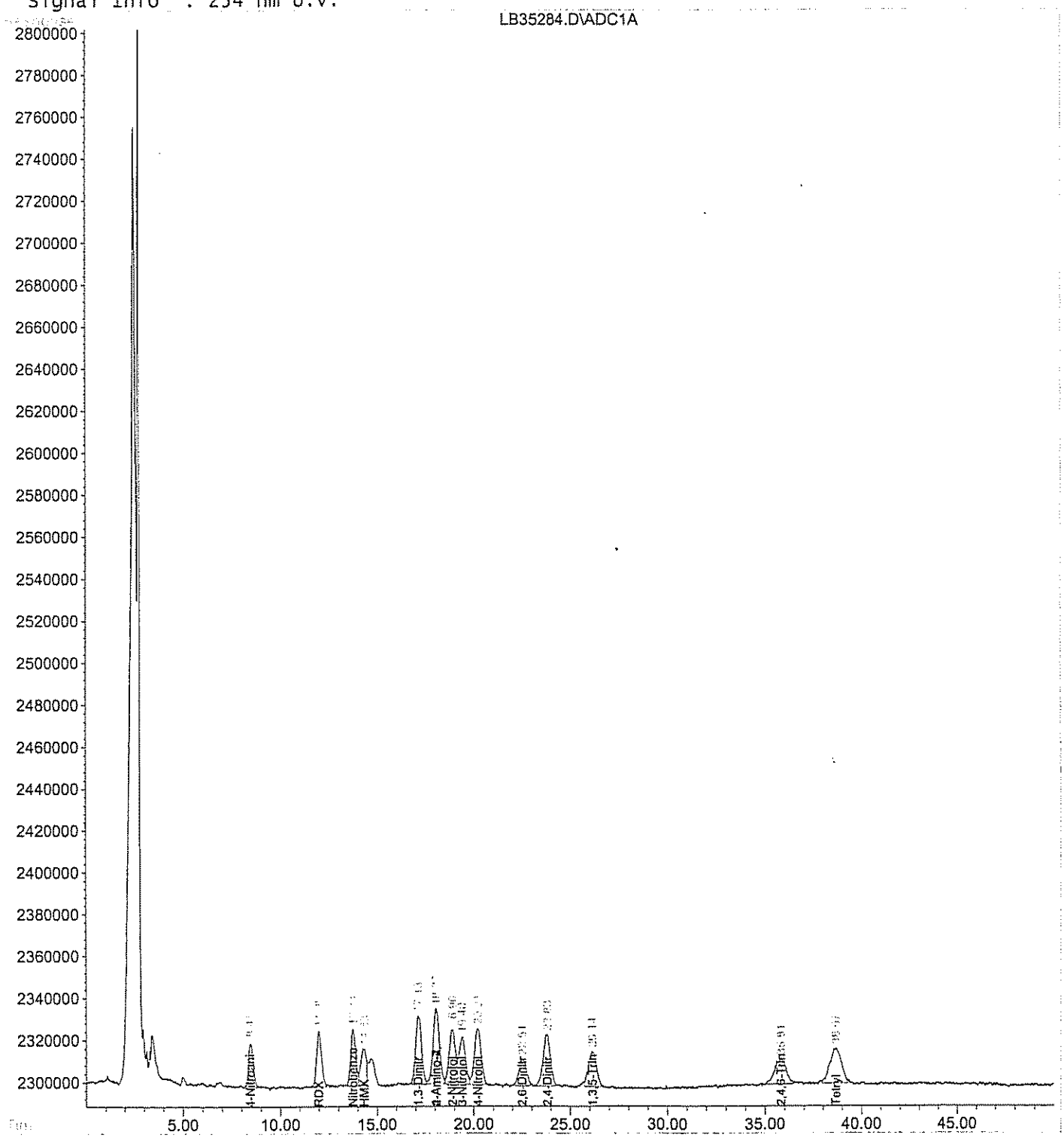
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35284.D Vial: 2
Acq On : 30 Jul 2006 14:10 Operator: AG
Sample : 8330MIX-LEV-1 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:38 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35285.D Vial: 3
Acq On : 30 Jul 2006 15:02 Operator: AG
Sample : 8330MIX-LEV-2 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:27 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.47	11799916	91.910 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	30.64%#
		Target Compounds			
1)	T	HMX	14.29	12432584	89.542 ng/mlm
3)	T	1,3,5-Trinitrobenzene	26.08	16572927	44.604 ng/mlm
4)	T	Tetryl	38.58	24515322	90.999 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.72	16355774	45.637 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.06	27960329	45.172 ng/ml
7)	T	2,6-Dinitrotoluene	22.51	11258600	43.738 ng/ml
8)	T	4-Nitrotoluene	20.20	21888318	89.914 ng/ml
9)	M	RDX	11.99	15601060	90.792 ng/ml
10)	M	1,3-Dinitrobenzene	17.14	23491622	44.992 ng/ml
11)	M	Nitrobenzene	13.75	16168454	45.555 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.06	27960329	45.220 ng/ml
13)	M	2,4-Dinitrotoluene	23.76	21859781	44.455 ng/ml
14)	M	2-Nitrotoluene	18.88	20224465	90.417 ng/mlm
15)	M	3-Nitrotoluene	19.37	17899578	91.558 ng/mlm

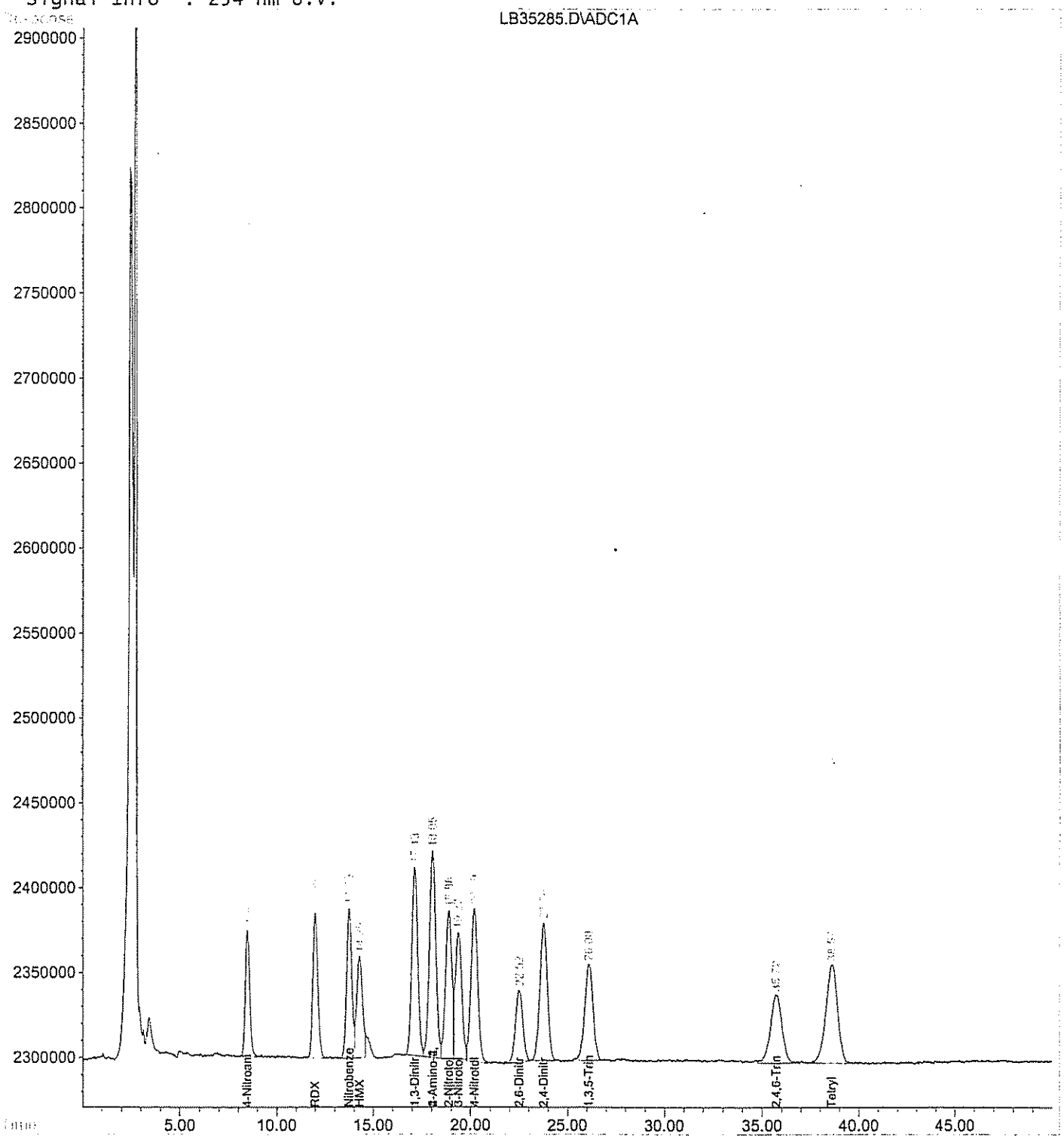
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35285.D Vial: 3
Acq On : 30 Jul 2006 15:02 Operator: AG
Sample : 8330MIX-LEV-2 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:27 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35286.D Vial: 4
Acq On : 30 Jul 2006 15:53 Operator: AG
Sample : 8330MIX-LEV-3 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.45	62552821	494.441 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	164.81%#
		Target Compounds			
1)	T	HMX	14.23	68089560	490.785 ng/ml
3)	T	1,3,5-Trinitrobenzene	26.05	89837811	243.824 ng/ml
4)	T	Tetryl	38.54	130614354	495.313 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.67	83443047	237.568 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.01	150387104	249.449 ng/ml
7)	T	2,6-Dinitrotoluene	22.47	60765960	245.903 ng/ml
8)	T	4-Nitrotoluene	20.16	116950669	486.643 ng/ml
9)	M	RDX	11.96	82530133	486.472 ng/ml
10)	M	1,3-Dinitrobenzene	17.10	126009570	244.956 ng/mlm
11)	M	Nitrobenzene	13.72	84613781	241.020 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.01	150387104	248.263 ng/ml
13)	M	2,4-Dinitrotoluene	23.72	119235636	244.850 ng/ml
14)	M	2-Nitrotoluene	18.85	107580159	495.713 ng/ml
15)	M	3-Nitrotoluene	19.35	94501707	488.385 ng/ml

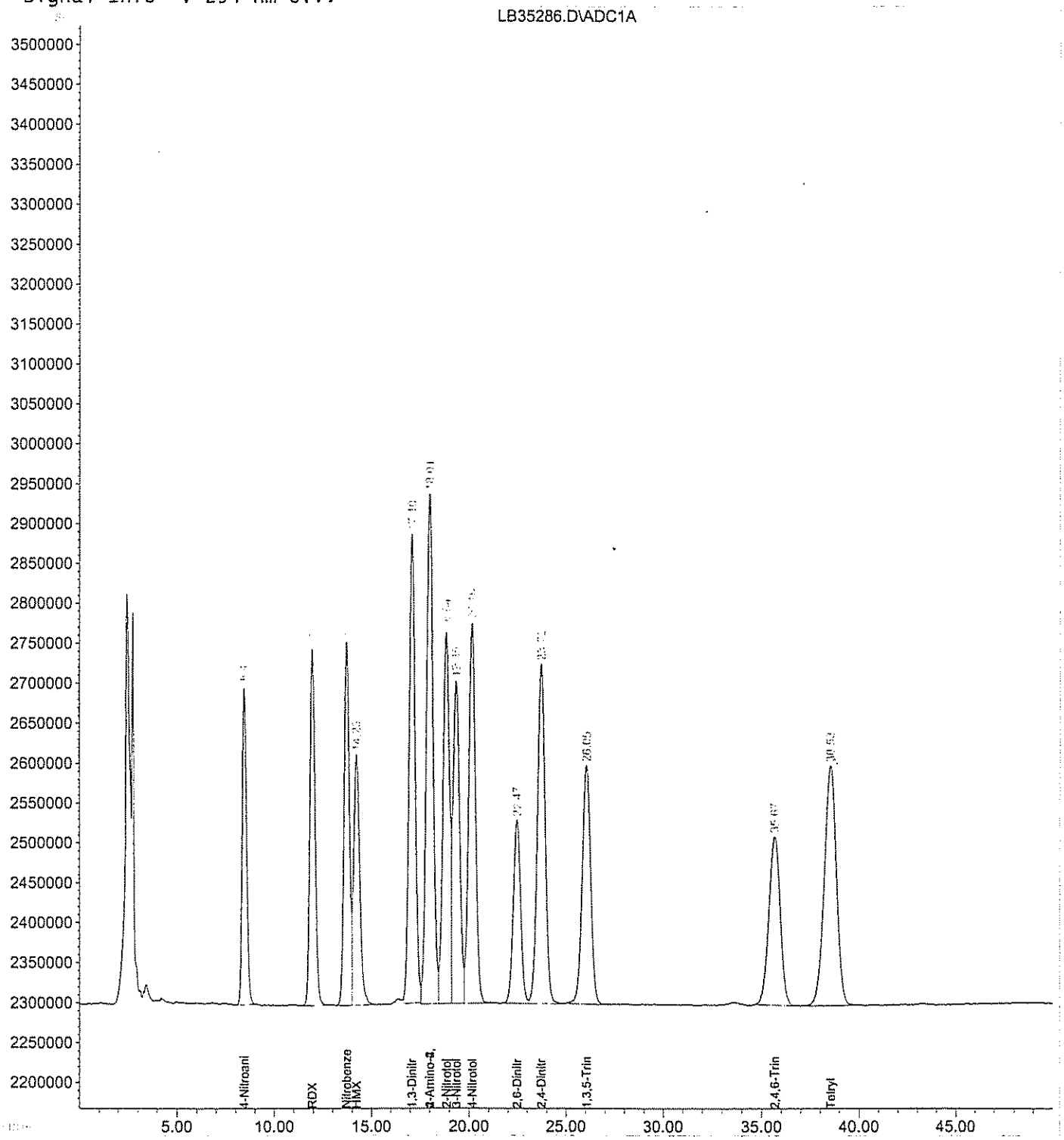
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35286.D Vial: 4
Acq On : 30 Jul 2006 15:53 Operator: AG
Sample : 8330MIX-LEV-3 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:21 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35287.D Vial: 5
Acq On : 30 Jul 2006 16:44 Operator: AG
Sample : 8330MIX-LEV-4 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:28 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
2)	S	4-Nitroaniline	8.46	118040936	919.422 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	306.47%#
		Target Compounds			
1)	T	HMX	14.26	130008173	959.648 ng/ml
3)	T	1,3,5-Trinitrobenzene	26.11	174706964	472.021 ng/ml
4)	T	Tetryl	38.64	253552684	941.172 ng/ml
5)	T	2,4,6-Trinitrotoluene	35.76	163897939	457.319 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.04	287732854	464.856 ng/ml
7)	T	2,6-Dinitrotoluene	22.51	118677420	461.048 ng/ml
8)	T	4-Nitrotoluene	20.19	226336684	929.755 ng/ml
9)	M	RDX	11.98	158552464	922.713 ng/ml
10)	M	1,3-Dinitrobenzene	17.13	245591383	470.365 ng/ml
11)	M	Nitrobenzene	13.74	163967242	461.982 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.04	287732854	465.349 ng/ml
13)	M	2,4-Dinitrotoluene	23.77	230708320	469.178 ng/ml
14)	M	2-Nitrotoluene	18.87	209093811	932.145 ng/ml
15)	M	3-Nitrotoluene	19.38	182580640	931.722 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

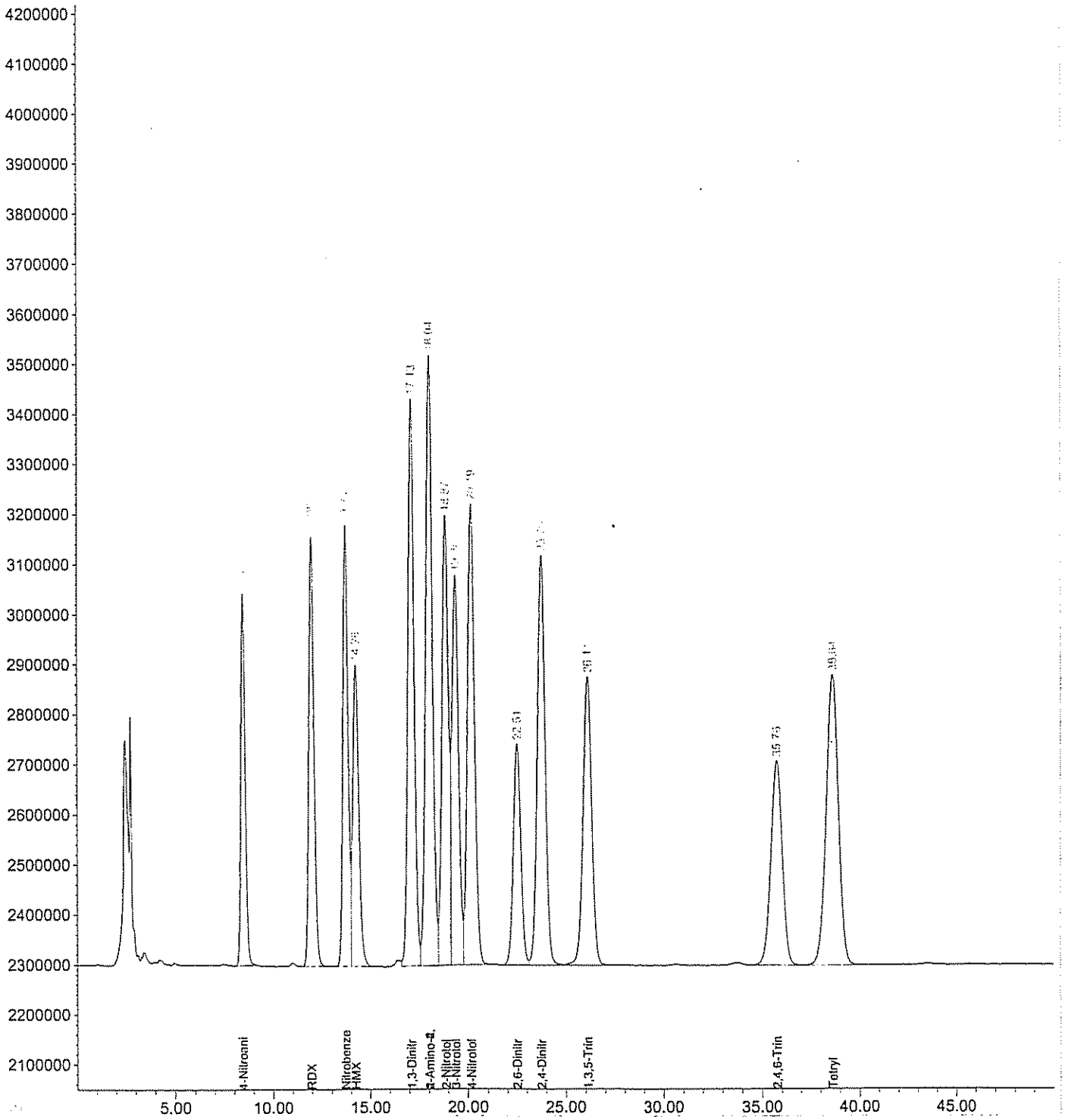
Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35287.D Vial: 5
Acq On : 30 Jul 2006 16:44 Operator: AG
Sample : 8330MIX-LEV-4 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:28 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

LB35287.D\ADC1A



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35288.D Vial: 6
Acq On : 30 Jul 2006 17:36 Operator: AG
Sample : 8330MIX-LEV-5 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	8.46	236464759	1841.826	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	613.94%#	
		Target Compounds				
1)	T	HMX	14.27	257011212	1897.114	ng/ml
3)	T	1,3,5-Trinitrobenzene	26.12	342451940	925.232	ng/mlm
4)	T	Tetryl	38.65	504227483	1871.662	ng/ml
5)	T	2,4,6-Trinitrotoluene	35.76	324601986	905.727	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.05	572421908	924.794	ng/ml
7)	T	2,6-Dinitrotoluene	22.52	235179401	913.645	ng/ml
8)	T	4-Nitrotoluene	20.20	453005628	1860.874	ng/ml
9)	M	RDX	11.98	314754062	1831.746	ng/ml
10)	M	1,3-Dinitrobenzene	17.13	487501998	933.680	ng/ml
11)	M	Nitrobenzene	13.74	325412666	916.859	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.05	572421908	925.775	ng/ml
13)	M	2,4-Dinitrotoluene	23.77	457563923	930.522	ng/ml
14)	M	2-Nitrotoluene	18.88	415503151	1852.322	ng/ml
15)	M	3-Nitrotoluene	19.39	363586106	1855.406	ng/ml

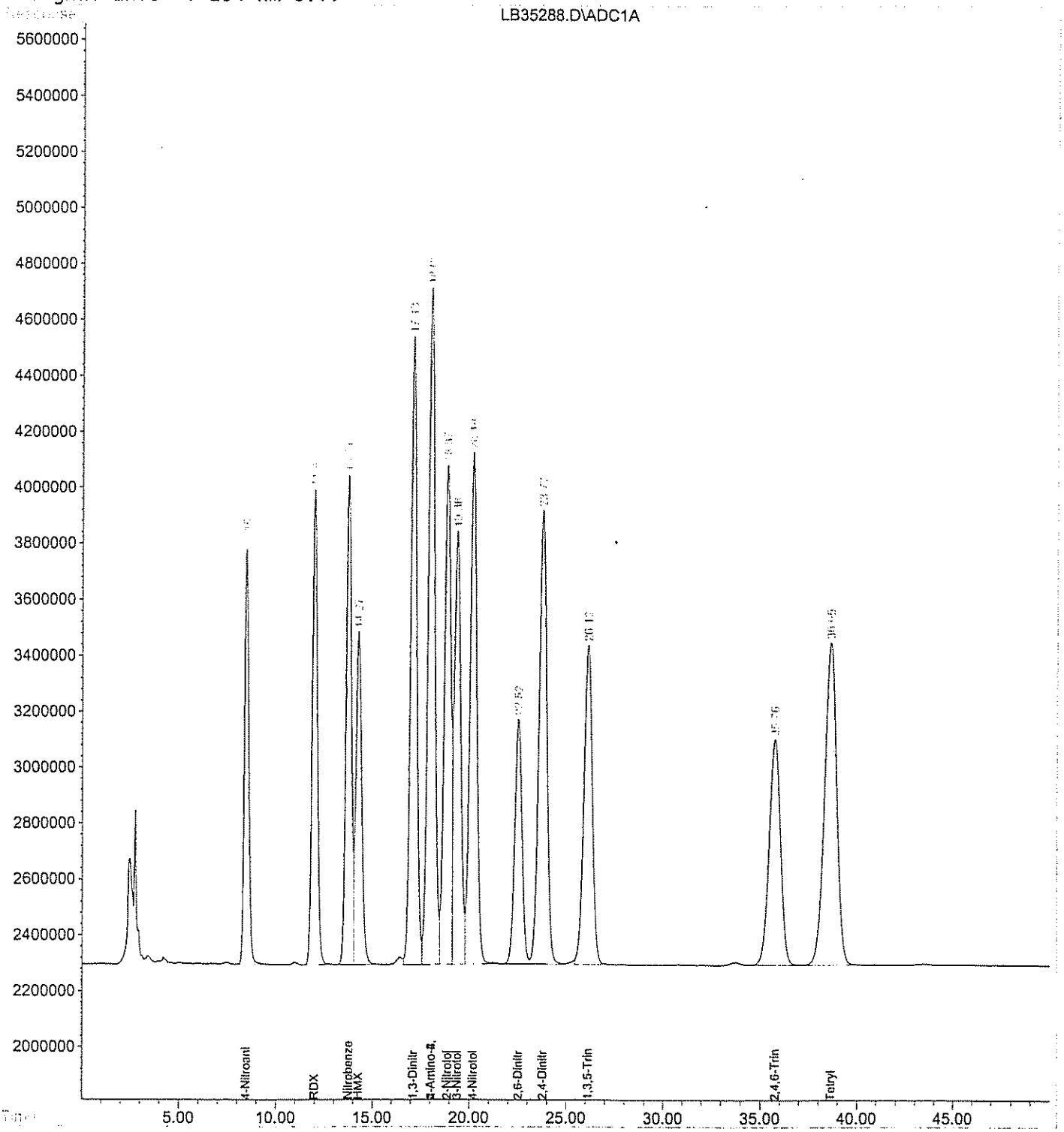
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35288.D Vial: 6
Acq On : 30 Jul 2006 17:36 Operator: AG
Sample : 8330MIX-LEV-5 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35289.D Vial: 7
Acq On : 30 Jul 2006 18:27 Operator: AG
Sample : 8330MIX-LEV-6 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2)	S 4-Nitroaniline	8.46	591009759	4603.379 ng/ml
Spiked Amount	300.000 Range 49 - 133		Recovery	= 1534.46%#
	Target Compounds			
1)	T HMX	14.28	642189371	4740.286 ng/ml
3)	T 1,3,5-Trinitrobenzene	26.12	873929200	2364.541 ng/ml
4)	T Tetryl	38.65	1284360520	4767.470 ng/ml
5)	T 2,4,6-Trinitrotoluene	35.76	817493130	2281.025 ng/ml
6)	T 4-Amino-2,6-Dinitrotoluene	18.06	1438379084	2323.819 ng/ml
7)	T 2,6-Dinitrotoluene	22.52	590480324	2293.948 ng/ml
8)	T 4-Nitrotoluene	20.20	1119909780	4600.410 ng/ml
9)	M RDX	11.99	791920711	4608.669 ng/ml
10)	M 1,3-Dinitrobenzene	17.14	1215830726	2328.600 ng/ml
11)	M Nitrobenzene	13.75	800984917	2256.796 ng/ml
12)	M 2-Amino-4,6-Dinitrotoluene	18.06	1438379084	2326.283 ng/ml
13)	M 2,4-Dinitrotoluene	23.78	1148642284	2335.928 ng/ml
14)	M 2-Nitrotoluene	18.88	1022987410	4560.499 ng/ml
15)	M 3-Nitrotoluene	19.39	895671542	4570.675 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

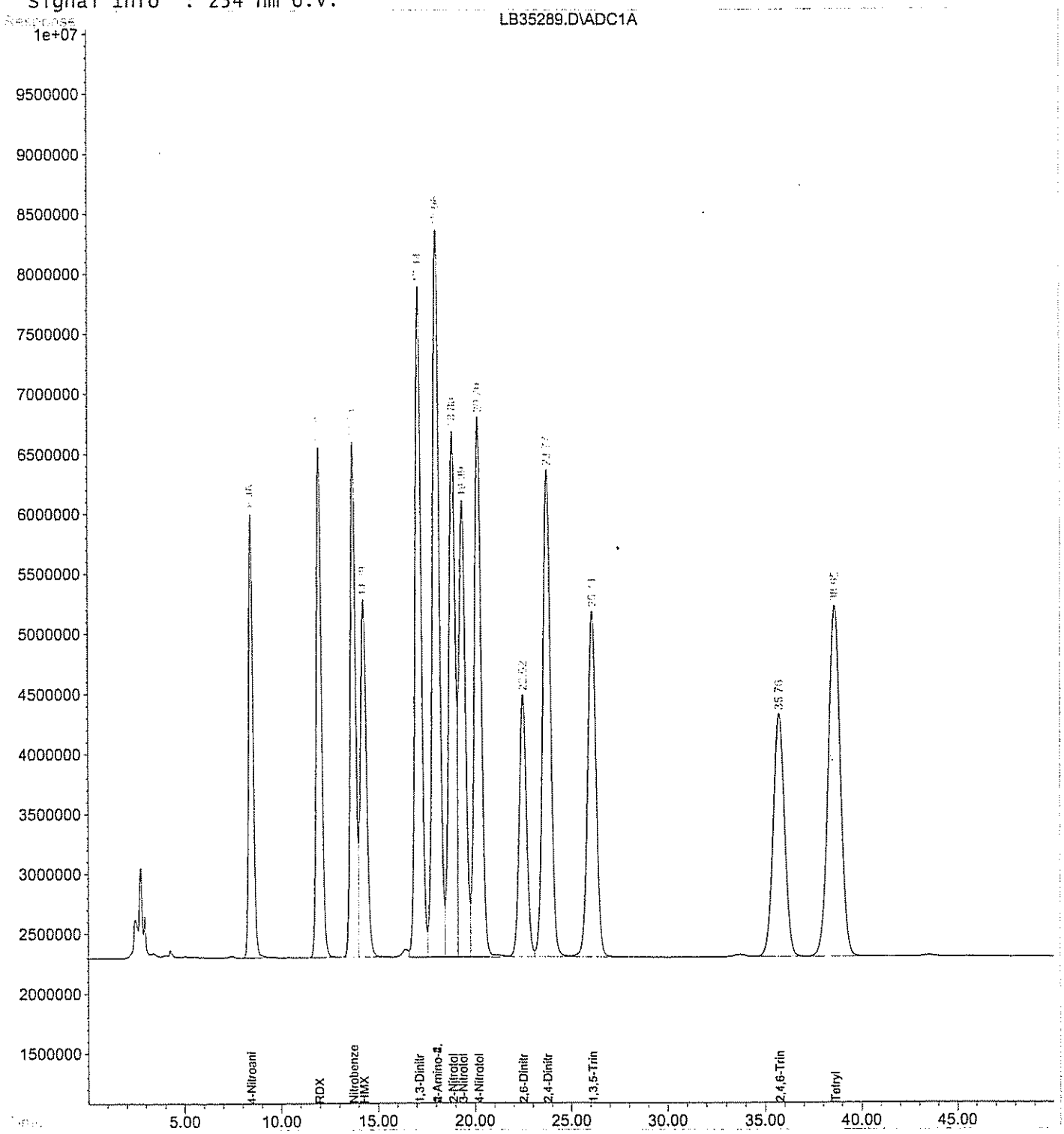
Camp Addison AFS - Appendix F

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35289.D Vial: 7
Acq On : 30 Jul 2006 18:27 Operator: AG
Sample : 8330MIX-LEV-6 Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:29 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Sep 18 12:52:54 2006
Response via : Initial Calibration

Continuing Calibration File: LB35290.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	177.357	E3	-30.9#	130
2	S	4-Nitroaniline	128.386	110.334	E3	14.1	88
3	T	1,3,5-Trinitrobenzene	369.598	465.956	E3	-26.1#	130
4	T	Tetryl	269.401	343.832	E3	-27.6#	132
5	T	2,4,6-Trinitrotoluene	355.309	436.396	E3	-22.8#	131
6	T	4-Amino-2,6-Dinitrotoluene	618.972	676.471	E3	-9.3	112
7	T	2,6-Dinitrotoluene	253.253	319.165	E3	-26.0#	131
8	T	4-Nitrotoluene	241.692	255.343	E3	-5.6	109
9	M	RDX	171.833	213.806	E3	-24.4#	130
10	M	1,3-Dinitrobenzene	522.129	659.128	E3	-26.2#	131
11	M	Nitrobenzene	354.921	408.802	E3	-15.2#	121
12	M	2-Amino-4,6-Dinitrotoluene	615.907	676.471	E3	-9.8	112
13	M	2,4-Dinitrotoluene	491.728	619.312	E3	-25.9#	130
14	M	2-Nitrotoluene	223.086	233.090	E3	-4.5	108
15	M	3-Nitrotoluene	194.415	215.679	E3	-10.9	114

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB35290.D 073006C.M Mon Sep 18 12:52:57 2006 1 Page 1

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCB\073006\LB35290.D Vial: 8
Acq On : 30 Jul 2006 19:18 Operator: AG
Sample : 8330MIX-ICV Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:41 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	8.51	55167160	429.697 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	143.23%#
	Target Compounds			
1) T	HMX	14.35	88678477	654.575 ng/mlm
3) T	1,3,5-Trinitrobenzene	26.16	116488959	315.178 ng/ml
4) T	Tetryl	38.74	171916155	638.143 ng/ml
5) T	2,4,6-Trinitrotoluene	35.83	109098948	307.054 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	18.12	169117855	273.224 ng/ml
7) T	2,6-Dinitrotoluene	22.58	79791307	315.065 ng/ml
8) T	4-Nitrotoluene	20.25	127671564	528.241 ng/ml
9) M	RDX	12.05	106902924	622.133 ng/ml
10) M	1,3-Dinitrobenzene	17.19	164781903	315.596 ng/mlm
11) M	Nitrobenzene	13.80	102200435	287.952 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	18.12	169117855	274.583 ng/ml
13) M	2,4-Dinitrotoluene	23.83	154828045	314.865 ng/ml
14) M	2-Nitrotoluene	18.94	116545076	522.422 ng/ml
15) M	3-Nitrotoluene	19.45	107839325	554.685 ng/ml

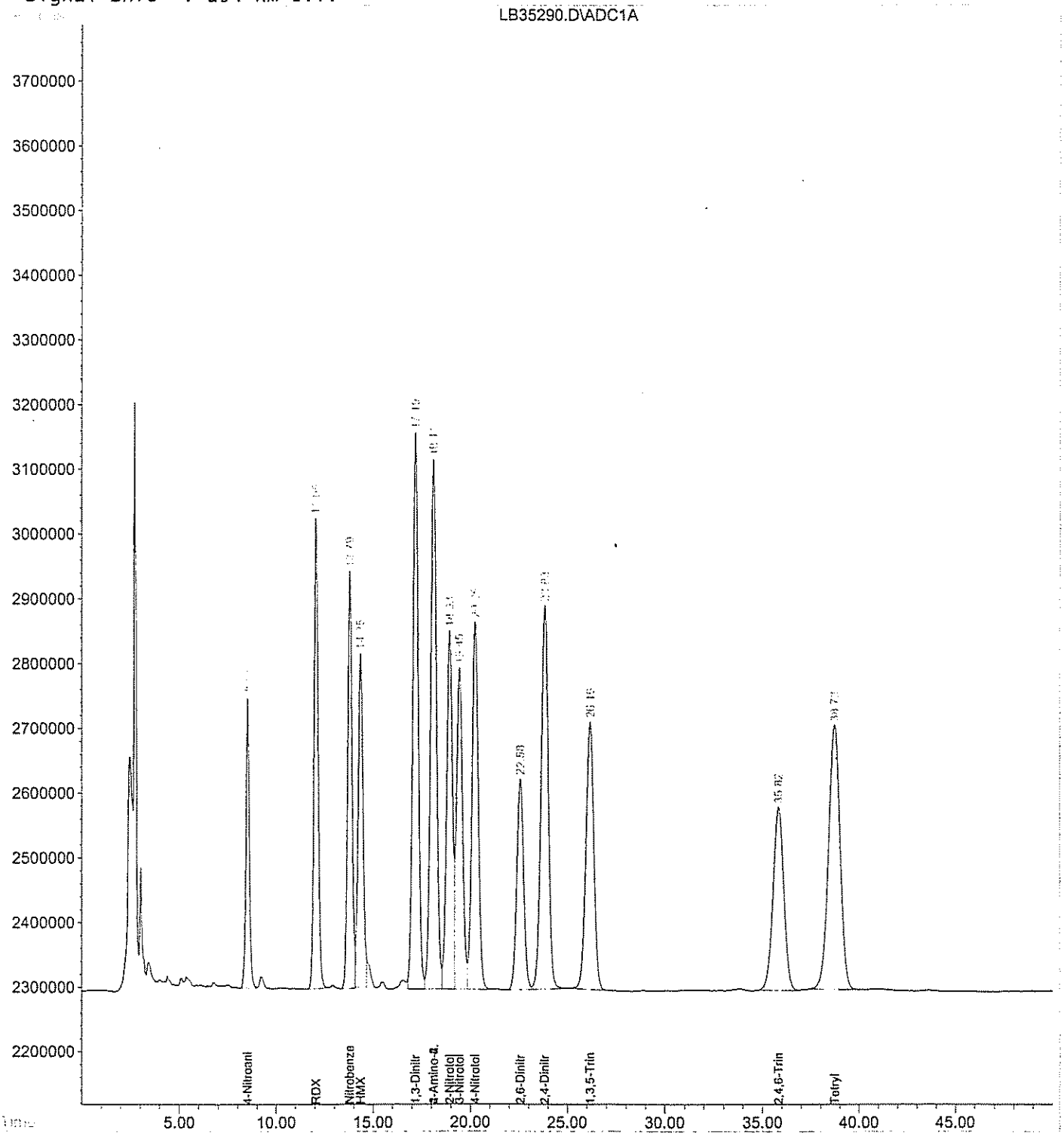
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : I:\LCDATA\LCB\073006\LB35290.D Vial: 8
Acq On : 30 Jul 2006 19:18 Operator: AG
Sample : 8330MIX-ICV Inst : LCB
Misc : CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jul 31 19:41 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Mon Jul 31 17:55:59 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri Sep 29 11:28:07 2006
Response via : Initial Calibration

Continuing Calibration File: LB36438.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	131.577	E3	2.9	97
2	S	4-Nitroaniline	128.386	124.145	E3	3.3	99
3	T	1,3,5-Trinitrobenzene	369.598	360.285	E3	2.5	100
4	T	Tetryl	269.401	283.523	E3	-5.2	109
5	T	2,4,6-Trinitrotoluene	355.309	346.076	E3	2.6	104
6	T	4-Amino-2,6-Dinitrotoluene	618.972	580.124	E3	6.3	96
7	T	2,6-Dinitrotoluene	253.253	242.816	E3	4.1	100
8	T	4-Nitrotoluene	241.692	226.072	E3	6.5	97
9	M	RDX	171.833	163.899	E3	4.6	99
10	M	1,3-Dinitrobenzene	522.129	487.598	E3	6.6	97
11	M	Nitrobenzene	354.921	325.474	E3	8.3	96
12	M	2-Amino-4,6-Dinitrotoluene	615.907	580.124	E3	5.8	96
13	M	2,4-Dinitrotoluene	491.728	477.409	E3	2.9	100
14	M	2-Nitrotoluene	223.086	202.381	E3	9.3	94
15	M	3-Nitrotoluene	194.415	184.627	E3	5.0	98

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36438.D Vial: 11
Acq On : 28 Sep 2006 23:15 Operator: SS
Sample : 8330MIX Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:01 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	8.70	62072420	483.483	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	161.16%#	
		Target Compounds				
1)	T	HMX	14.87	65788689	485.616	ng/ml
3)	T	1,3,5-Trinitrobenzene	27.09	90071168	243.701	ng/ml
4)	T	Tetryl	40.62	141761749	526.211	ng/ml
5)	T	2,4,6-Trinitrotoluene	37.37	86518974	243.504	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.80	145031010	234.309	ng/ml
7)	T	2,6-Dinitrotoluene	23.41	60704062	239.697	ng/ml
8)	T	4-Nitrotoluene	20.90	113035787	467.685	ng/ml
9)	M	RDX	12.38	81949722	476.915	ng/ml
10)	M	1,3-Dinitrobenzene	17.71	121899616	233.466	ng/ml
11)	M	Nitrobenzene	14.14	81368536	229.258	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.80	145031010	235.475	ng/ml
13)	M	2,4-Dinitrotoluene	24.71	119352259	242.720	ng/ml
14)	M	2-Nitrotoluene	19.53	101190747	453.595	ng/ml
15)	M	3-Nitrotoluene	20.05	92313521	474.826	ng/ml

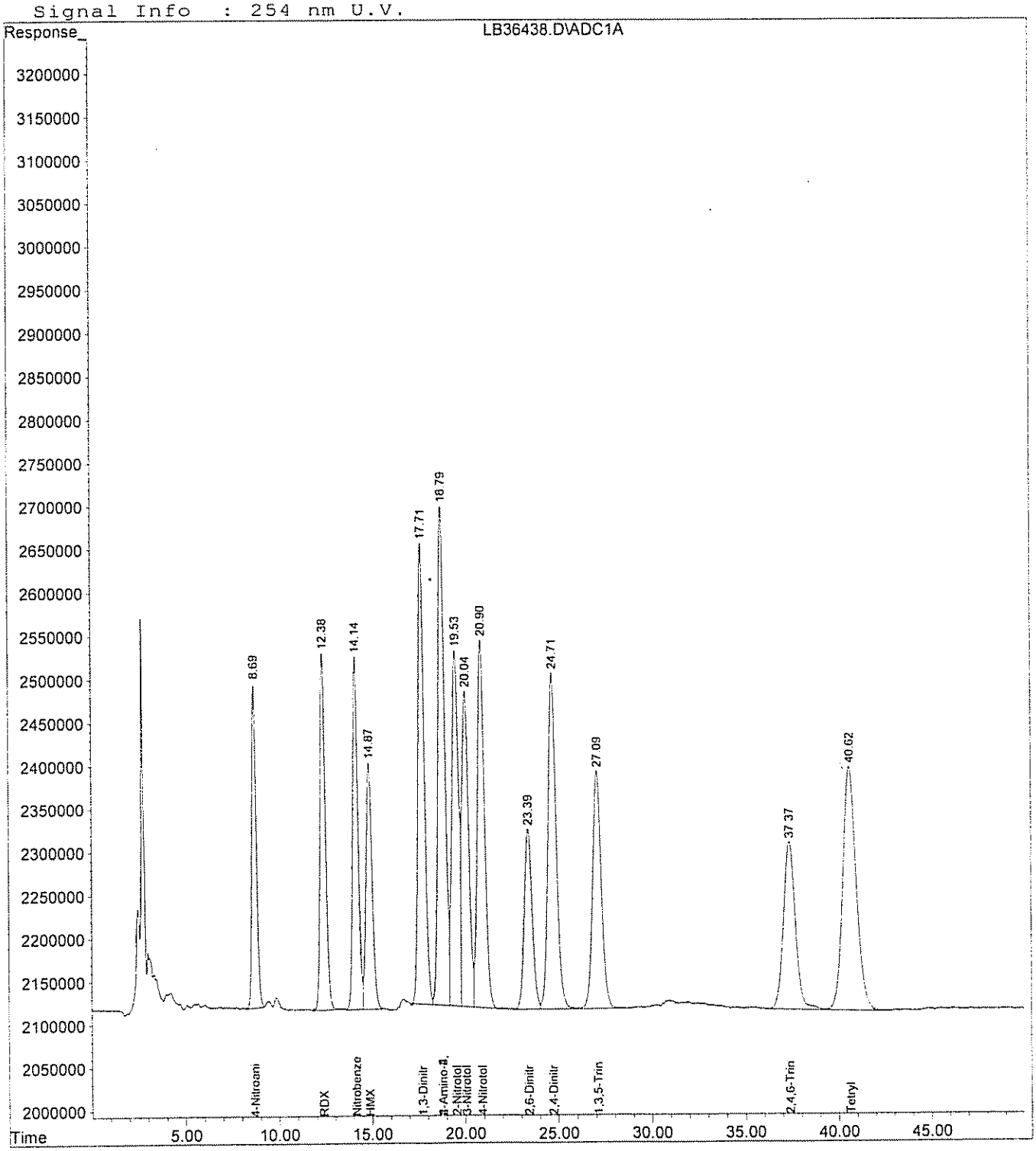
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36438.D Vial: 11
Acq On : 28 Sep 2006 23:15 Operator: SS
Sample : 8330MIX Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:01 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri Sep 29 11:27:48 2006
Response via : Initial Calibration

Continuing Calibration File: LB36428.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	135.475	135.372	E3	0.1	99
2	S	4-Nitroaniline	128.386	122.091	E3	4.9	98
3	T	1,3,5-Trinitrobenzene	369.598	359.498	E3	2.7	100
4	T	Tetryl	269.401	262.529	E3	2.6	100
5	T	2,4,6-Trinitrotoluene	355.309	337.027	E3	5.1	101
6	T	4-Amino-2,6-Dinitrotoluene	618.972	585.612	E3	5.4	97
7	T	2,6-Dinitrotoluene	253.253	241.847	E3	4.5	99
8	T	4-Nitrotoluene	241.692	229.461	E3	5.1	98
9	M	RDX	171.833	162.039	E3	5.7	98
10	M	1,3-Dinitrobenzene	522.129	503.277	E3	3.6	100
11	M	Nitrobenzene	354.921	321.129	E3	9.5	95
12	M	2-Amino-4,6-Dinitrotoluene	615.907	585.612	E3	4.9	97
13	M	2,4-Dinitrotoluene	491.728	476.834	E3	3.0	100
14	M	2-Nitrotoluene	223.086	202.801	E3	9.1	94
15	M	3-Nitrotoluene	194.415	189.848	E3	2.3	100

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\LB36428.D Vial: 1
Acq On : 28 Sep 2006 14:35 Operator: SS
Sample : 8330MIX Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:00 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	8.66	61045506	475.484	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	158.49%#	
		Target Compounds				
1)	T	HMX	14.78	67685793	499.619	ng/ml
3)	T	1,3,5-Trinitrobenzene	26.96	89874447	243.168	ng/ml
4)	T	Tetryl	40.38	131264540	487.246	ng/ml
5)	T	2,4,6-Trinitrotoluene	37.18	84256661	237.136	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	18.70	146402894	236.526	ng/ml
7)	T	2,6-Dinitrotoluene	23.31	60461756	238.740	ng/ml
8)	T	4-Nitrotoluene	20.82	114730690	474.698	ng/ml
9)	M	RDX	12.32	81019460	471.502	ng/ml
10)	M	1,3-Dinitrobenzene	17.63	125819226	240.973	ng/ml
11)	M	Nitrobenzene	14.09	80282245	226.197	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	18.70	146402894	237.703	ng/ml
13)	M	2,4-Dinitrotoluene	24.60	119208402	242.427	ng/ml
14)	M	2-Nitrotoluene	19.45	101400256	454.535	ng/ml
15)	M	3-Nitrotoluene	19.97	94924073	488.254	ng/ml

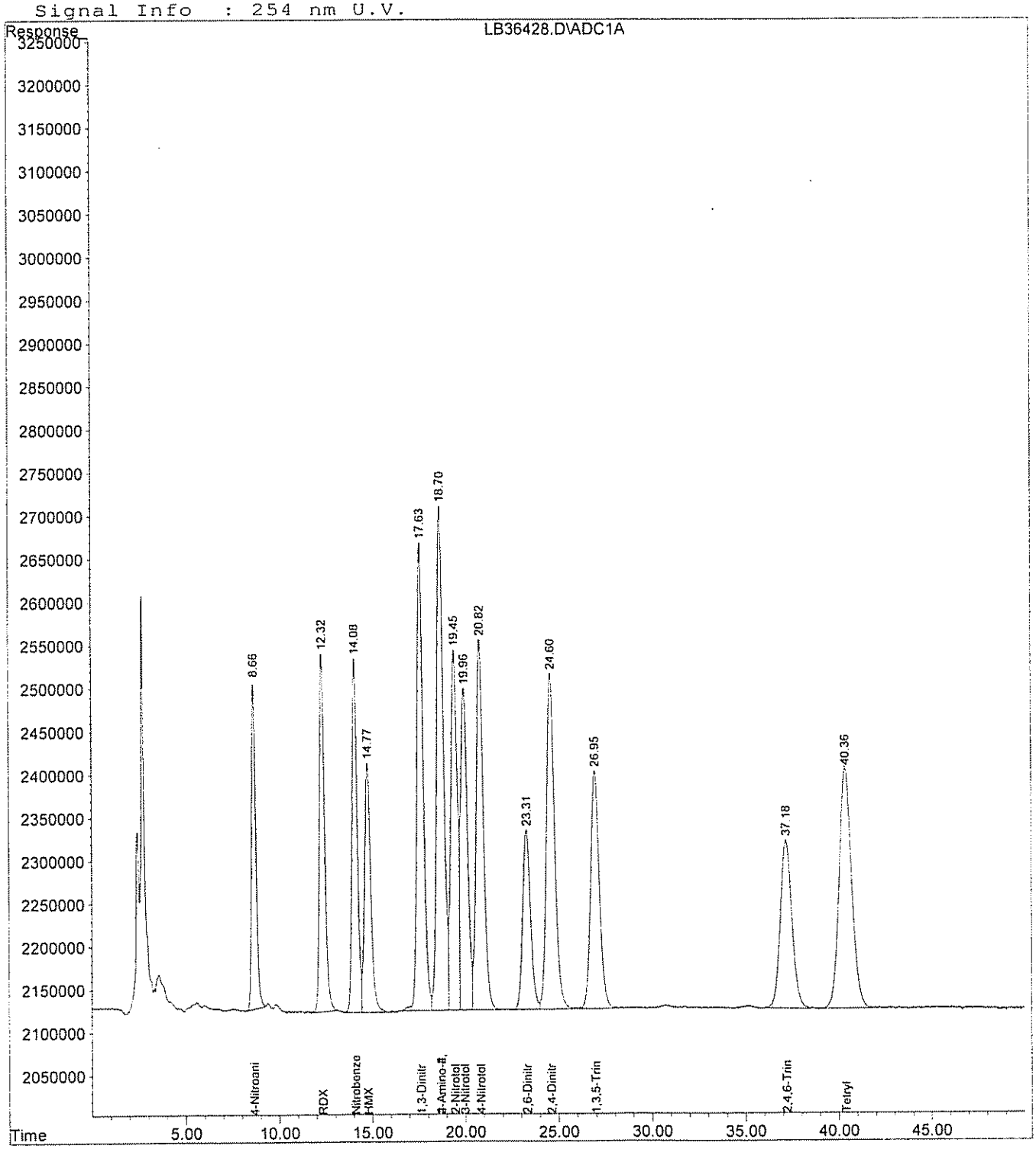
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\LB36428.D Vial: 1
Acq On : 28 Sep 2006 14:35 Operator: SS
Sample : 8330MIX Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:00 2006 Quant Results File: 073006C.RES

Quant Method : I:\LCDATA\LCB\METHODS\073006C.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Sun Jul 30 17:25:26 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : POLAR RP (confirmation)
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 29 11:34:35 2006
Response via : Initial Calibration

Continuing Calibration File: LA16280.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	130.061	E3	-5.5	106
2	S	4-Nitroaniline	130.787	127.495	E3	2.5	101
3	T	1,3,5-Trinitrobenzene	347.033	373.463	E3	-7.6	105
4	T	Tetryl	247.222	276.868	E3	-12.0	105
5	T	2,4,6-Trinitrotoluene	341.474	358.970	E3	-5.1	104
6	T	4-Amino-2,6-Dinitrotoluene	246.017	250.381	E3	-1.8	105
7	T	2,6-Dinitrotoluene	223.886	248.967	E3	-11.2	112
8	T	4-Nitrotoluene	204.473	202.495	E3	1.0	104
9	M	RDX	164.196	162.506	E3	1.0	99
10	M	1,3-Dinitrobenzene	516.125	523.131	E3	-1.4	101
11	M	Nitrobenzene	371.276	369.395	E3	0.5	101
12	M	2-Amino-4,6-Dinitrotoluene	360.921	368.882	E3	-2.2	102
13	M	2,4-Dinitrotoluene	529.845	512.534	E3	3.3	98
14	M	2-Nitrotoluene	231.221	232.799	E3	-0.7	103
15	M	3-Nitrotoluene	255.063	252.898	E3	0.8	102

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LA16280.D 67258330.M Fri Sep 29 11:34:38 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16280.D Vial: 53
Acq On : 19 Sep 2006 18:07 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 19:07 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	7.32	63747369	487.413 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	162.47%#
	Target Compounds			
1) T	HMX	4.71	65030579	527.537 ng/ml
3) T	1,3,5-Trinitrobenzene	13.99	93365854	269.040 ng/ml
4) T	Tetryl	20.90	138433856	559.957 ng/ml
5) T	2,4,6-Trinitrotoluene	25.56	89742400	262.809 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	27.59	62595171	254.435 ng/ml
7) T	2,6-Dinitrotoluene	32.48	62241805	278.007 ng/ml
8) T	4-Nitrotoluene	45.64	101247652	495.164 ng/ml
9) M	RDX	9.32	81252795	494.853 ng/ml
10) M	1,3-Dinitrobenzene	18.74	130782852	253.394 ng/ml
11) M	Nitrobenzene	22.89	92348866	248.734 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	29.24	92220539	255.514 ng/ml
13) M	2,4-Dinitrotoluene	33.61	128133396	241.832 ng/ml
14) M	2-Nitrotoluene	42.38	116399277	503.412 ng/ml
15) M	3-Nitrotoluene	49.69	126449147	495.756 ng/ml

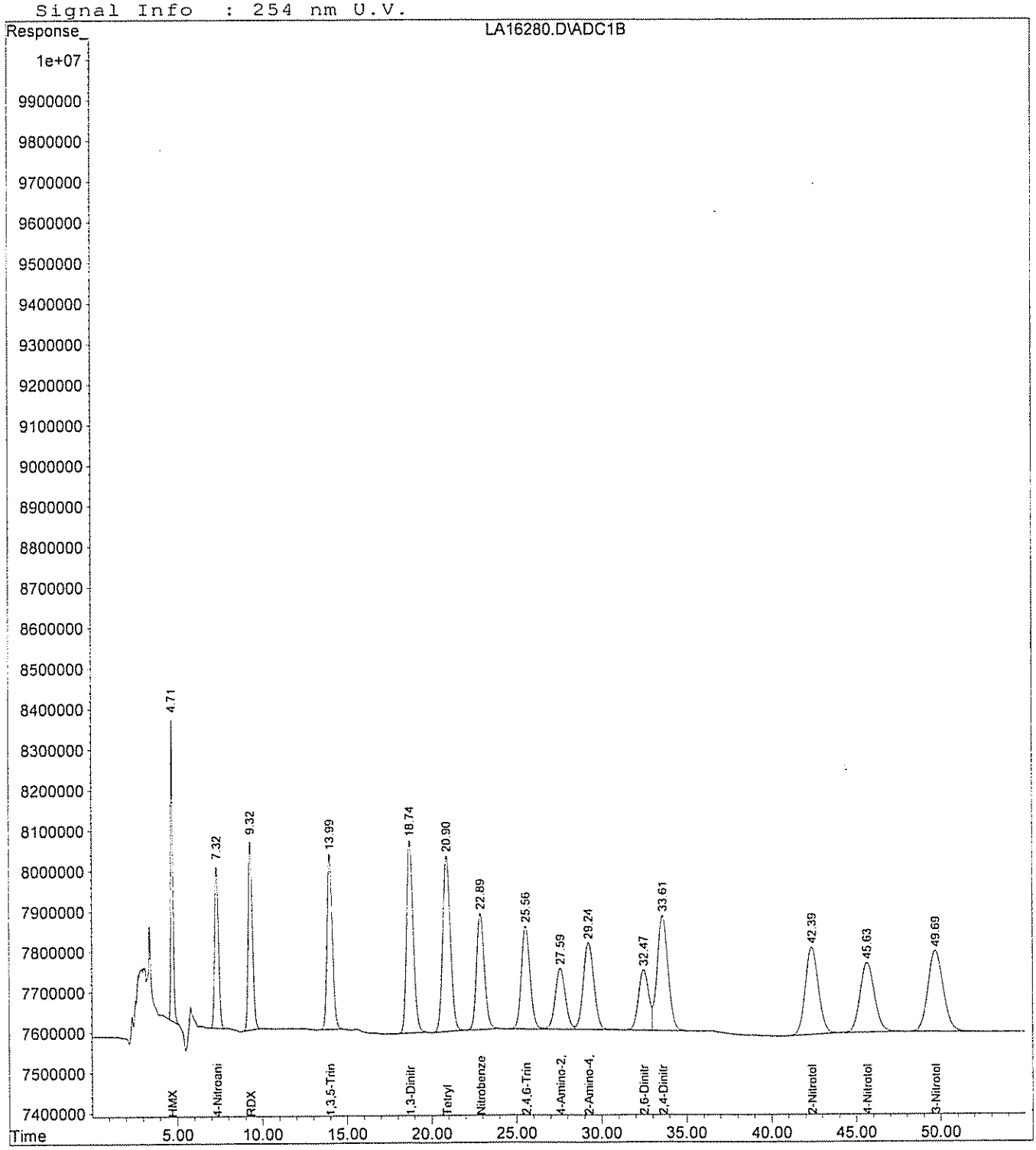
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16280.D Vial: 53
Acq On : 19 Sep 2006 18:07 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 19 19:07 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 29 11:34:12 2006
Response via : Initial Calibration

Continuing Calibration File: LA16293.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	126.745	E3	-2.8	104
2	S	4-Nitroaniline	130.787	127.151	E3	2.8	100
3	T	1,3,5-Trinitrobenzene	347.033	368.646	E3	-6.2	104
4	T	Tetryl	247.222	269.847	E3	-9.2	102
5	T	2,4,6-Trinitrotoluene	341.474	350.480	E3	-2.6	102
6	T	4-Amino-2,6-Dinitrotoluene	246.017	240.114	E3	2.4	101
7	T	2,6-Dinitrotoluene	223.886	248.042	E3	-10.8	111
8	T	4-Nitrotoluene	204.473	196.434	E3	3.9	101
9	M	RDX	164.196	158.185	E3	3.7	96
10	M	1,3-Dinitrobenzene	516.125	514.713	E3	0.3	99
11	M	Nitrobenzene	371.276	359.014	E3	3.3	99
12	M	2-Amino-4,6-Dinitrotoluene	360.921	359.054	E3	0.5	100
13	M	2,4-Dinitrotoluene	529.845	499.053	E3	5.8	96
14	M	2-Nitrotoluene	231.221	228.704	E3	1.1	101
15	M	3-Nitrotoluene	255.063	246.975	E3	3.2	100

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16293.D Vial: 66
Acq On : 20 Sep 2006 7:01 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:45 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.33	63575740	486.101	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	162.03%#	
		Target Compounds				
1)	T	HMX	4.71	63372397	514.085	ng/ml
3)	T	1,3,5-Trinitrobenzene	14.02	92161377	265.569	ng/ml
4)	T	Tetryl	20.99	134923529	545.758	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.63	87619889	256.593	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.69	60028435	244.002	ng/ml
7)	T	2,6-Dinitrotoluene	32.56	62010551	276.974	ng/ml
8)	T	4-Nitrotoluene	45.74	98216920	480.342	ng/ml
9)	M	RDX	9.34	79092627	481.696	ng/ml
10)	M	1,3-Dinitrobenzene	18.80	128678199	249.316	ng/ml
11)	M	Nitrobenzene	22.95	89753379	241.743	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.35	89763396	248.706	ng/ml
13)	M	2,4-Dinitrotoluene	33.69	124763365	235.472	ng/ml
14)	M	2-Nitrotoluene	42.48	114352197	494.559	ng/ml
15)	M	3-Nitrotoluene	49.80	123487251	484.144	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

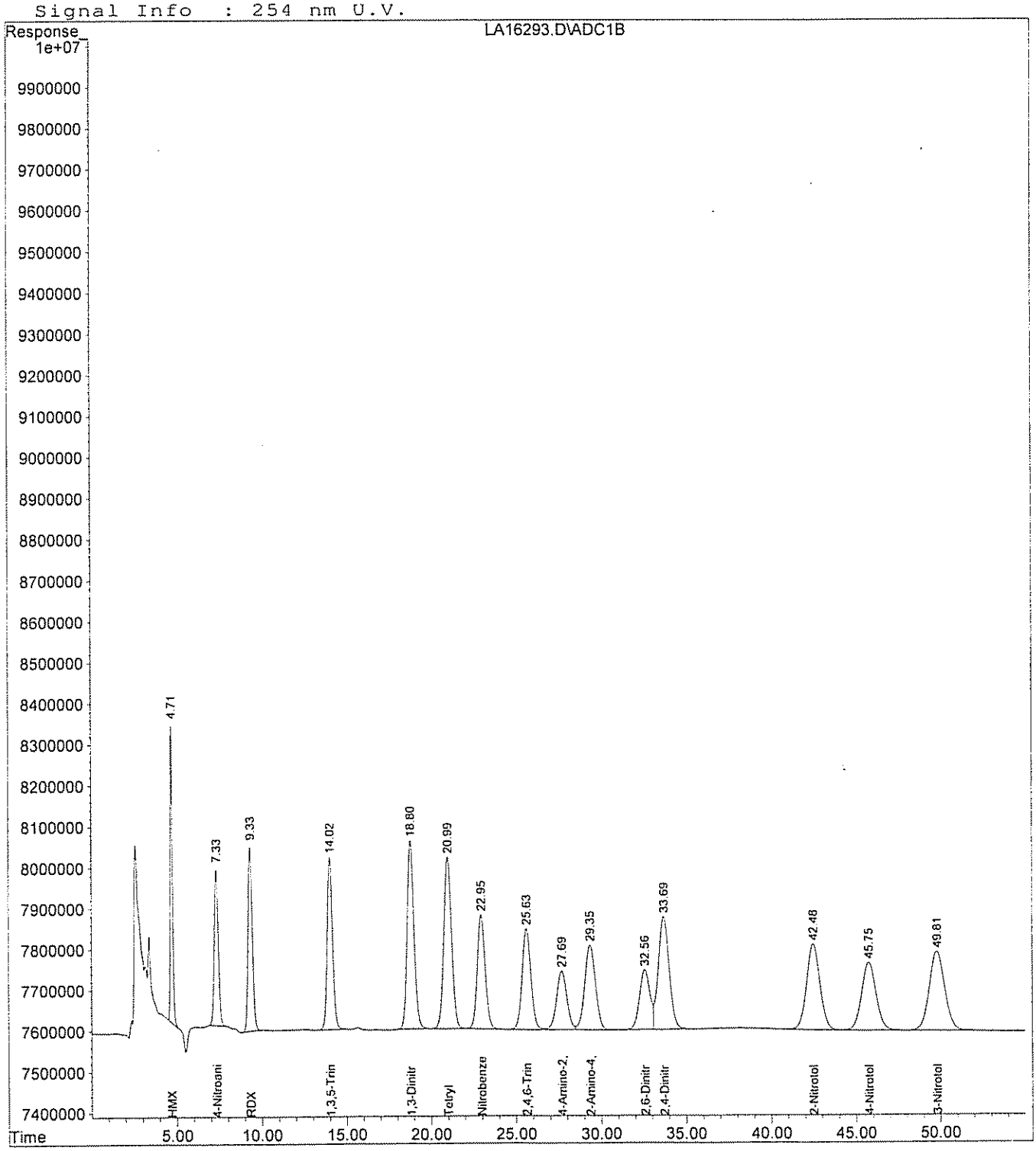
Camp Adair/Adair ANG - Appendix F 200-1e F10OR002908_01.09_0505_a 1835

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16293.D Vial: 66
Acq On : 20 Sep 2006 7:01 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:45 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 29 11:56:56 2006
Response via : Initial Calibration

Continuing Calibration File: LA16304.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	122.588	106.780	E3	12.9	91
2	M	NITROGLYCERINE	1.760	1.849	E6	-5.1	101

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16304.D Vial: 77
Acq On : 20 Sep 2006 17:56 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.33	26695010	217.762	PPB	
Spiked Amount 300.000		Recovery =	72.59%		
Target Compounds					
2) M NITROGLYCERINE	23.06	18493049	10.506	PPM	m

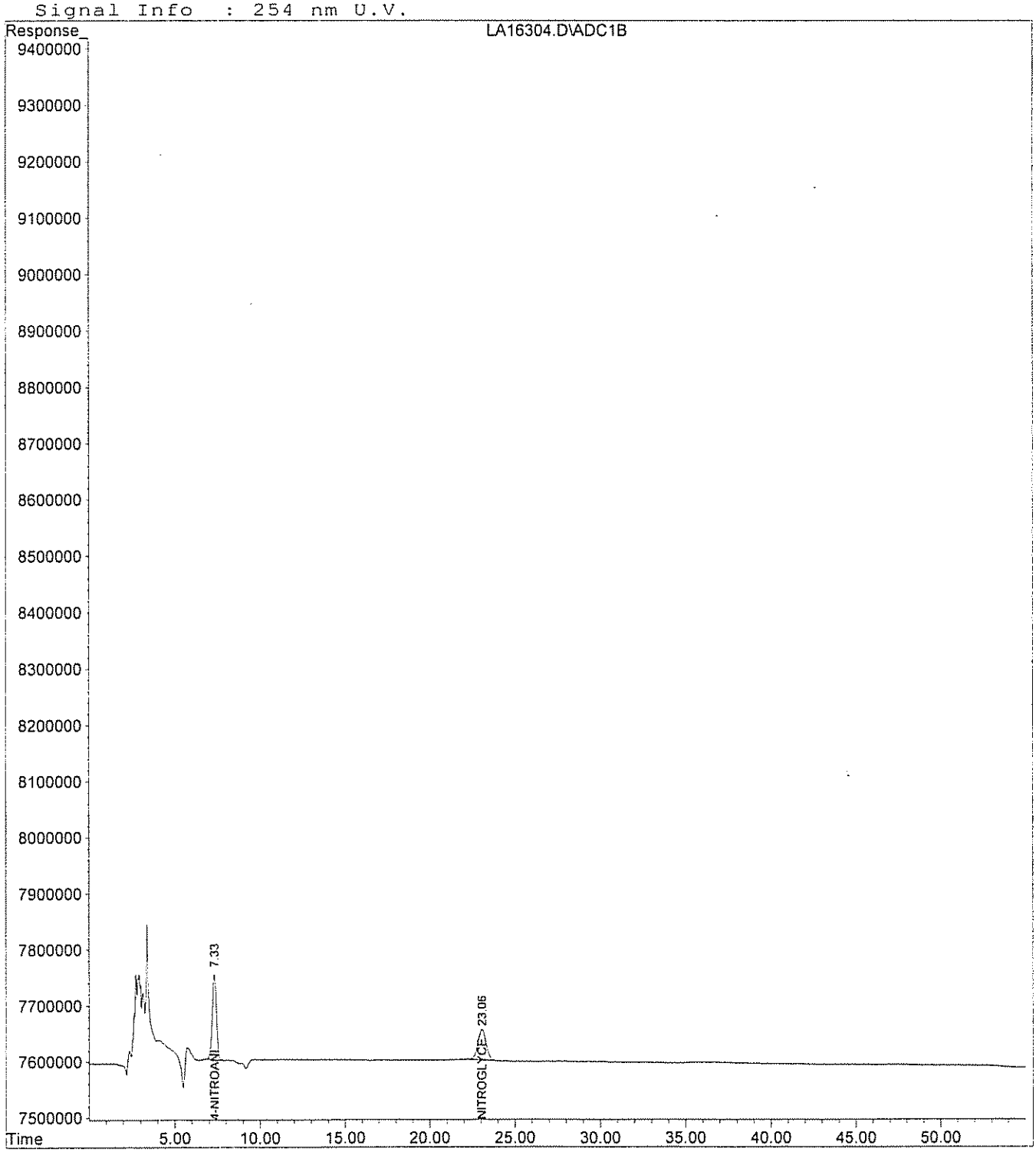
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16304.D Vial: 77
Acq On : 20 Sep 2006 17:56 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:52 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 29 11:56:43 2006
Response via : Initial Calibration

Continuing Calibration File: LA16294.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	122.588	111.998	E3	8.6	96
2	M	NITROGLYCERINE	1.760	1.842	E6	-4.7	101

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16294.D Vial: 67
Acq On : 20 Sep 2006 8:01 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	27999520	228.404	PPB	
Spiked Amount 300.000		Recovery =	76.13%		
Target Compounds					
2) M NITROGLYCERINE	23.04	18422607	10.466	PPM	m

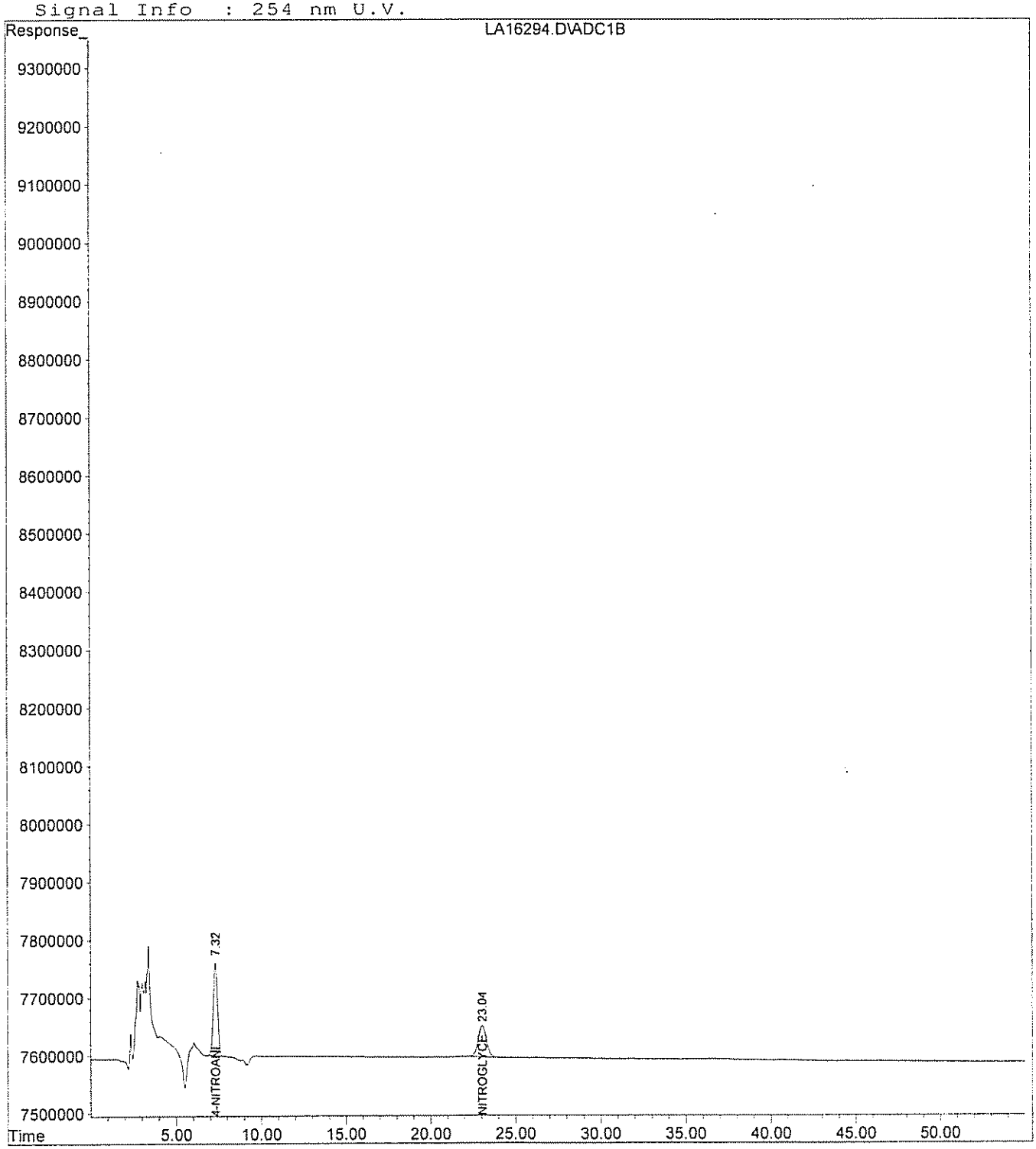
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16294.D Vial: 67
Acq On : 20 Sep 2006 8:01 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Fri Sep 29 11:56:18 2006
Response via : Initial Calibration

Continuing Calibration File: LA16281.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	122.588	106.921	E3	12.8	91
2	M	NITROGLYCERINE	1.760	2.015	E6	-14.5	110

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16281.D Vial: 54
Acq On : 19 Sep 2006 19:07 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	26730325	218.050	PPB	m
Spiked Amount 300.000		Recovery =	72.68%		
Target Compounds					
2) M NITROGLYCERINE	23.04	20154324	11.450	PPM	m

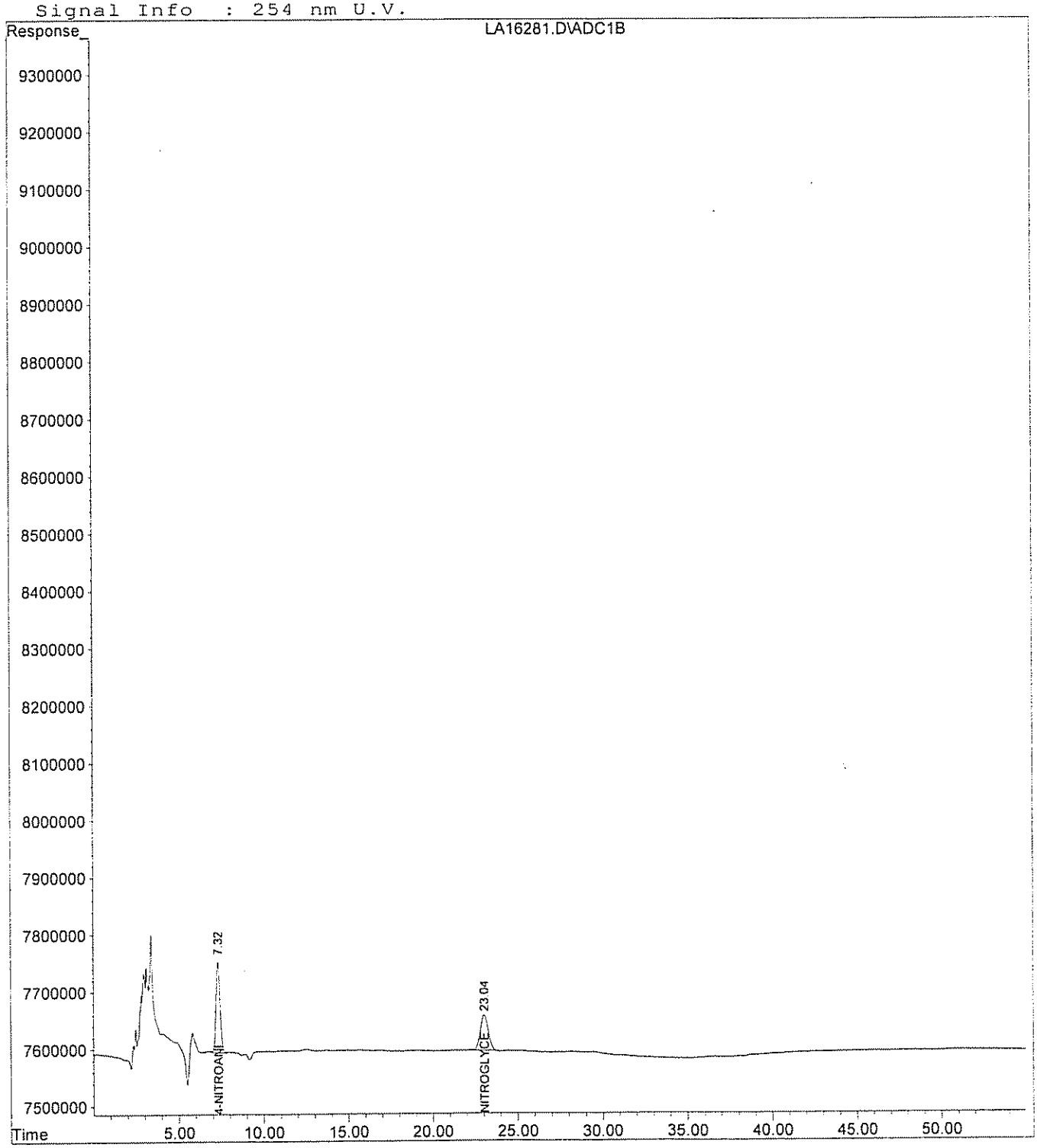
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16281.D Vial: 54
Acq On : 19 Sep 2006 19:07 Operator: AG
Sample : 8330NG Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:02 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Fri Sep 29 11:52:34 2006
Response via : Initial Calibration

Continuing Calibration File: LB36439.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	104.740	107.847	E3	-3.0	106
2	M	NITROGLYCERINE	1.752	1.853	E6	-5.8	105

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36439.D 6802NGCO.M Fri Sep 29 11:52:35 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36439.D Vial: 12
Acq On : 29 Sep 2006 00:06 Operator: SS
Sample : 8330NG Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:03 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	8.68	26961746	257.416 PPB
Spiked Amount 300.000		Recovery =	85.81%
Target Compounds			
2) M NITROGLYCERINE	27.29f	18528975	10.576 PPM

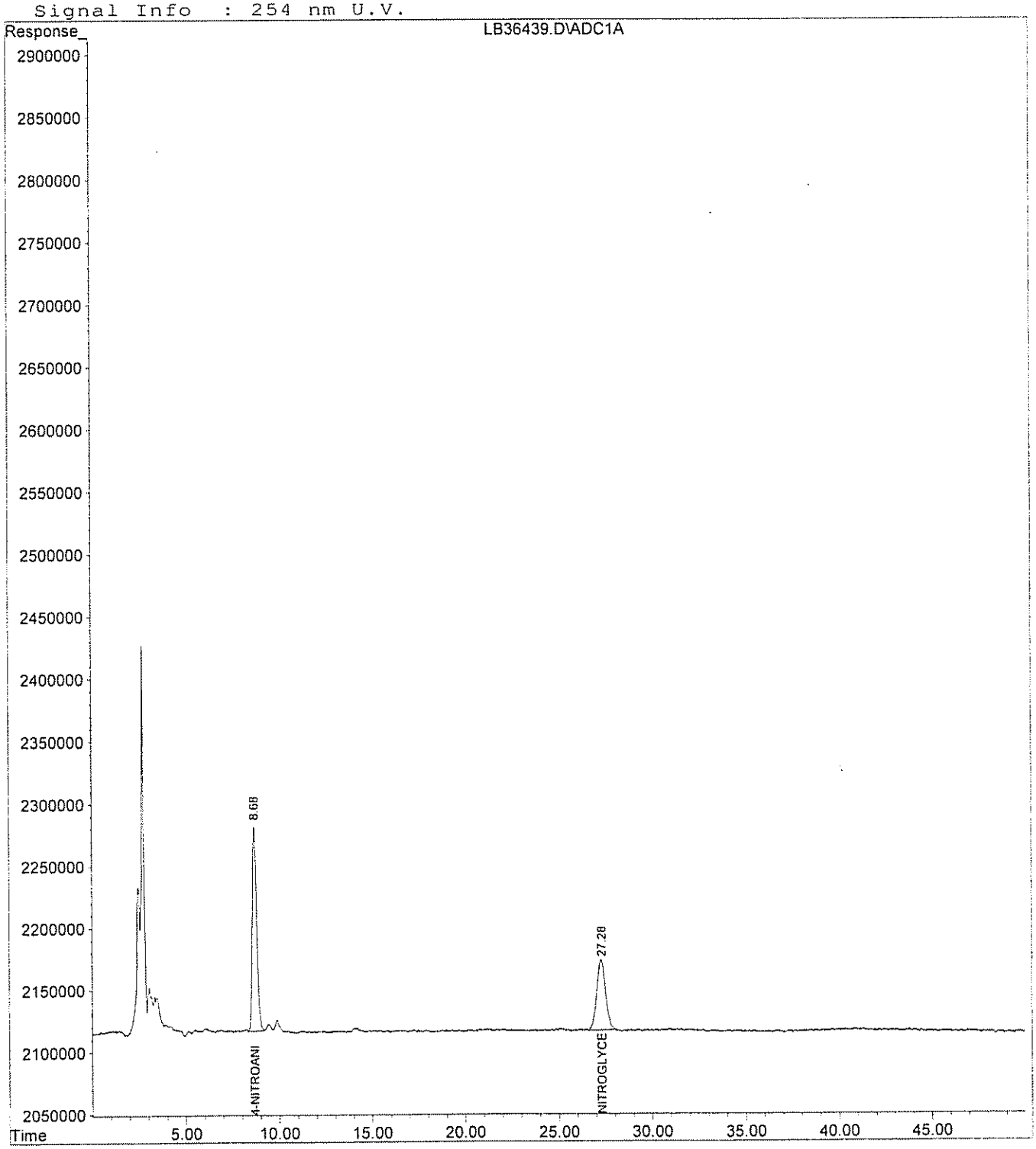
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36439.D Vial: 12
Acq On : 29 Sep 2006 00:06 Operator: SS
Sample : 8330NG Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:03 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Continuing Calibration Report LCB

Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Fri Sep 29 11:52:21 2006
Response via : Initial Calibration

Continuing Calibration File: LB36429.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-NITROANILINE	104.740	109.418	E3	-4.5	107
2	M	NITROGLYCERINE	1.752	1.912	E6	-9.1	109

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36429.D 6802NGCO.M Fri Sep 29 11:52:23 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092806\0928NG\LB36429.D Vial: 2
Acq On : 28 Sep 2006 15:26 Operator: SS
Sample : 8330NG Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:03 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	8.68	27354584	261.166	PPB	
Spiked Amount 300.000		Recovery =	87.06%		
Target Compounds					
2) M NITROGLYCERINE	27.15	19117198	10.912	PPM	m

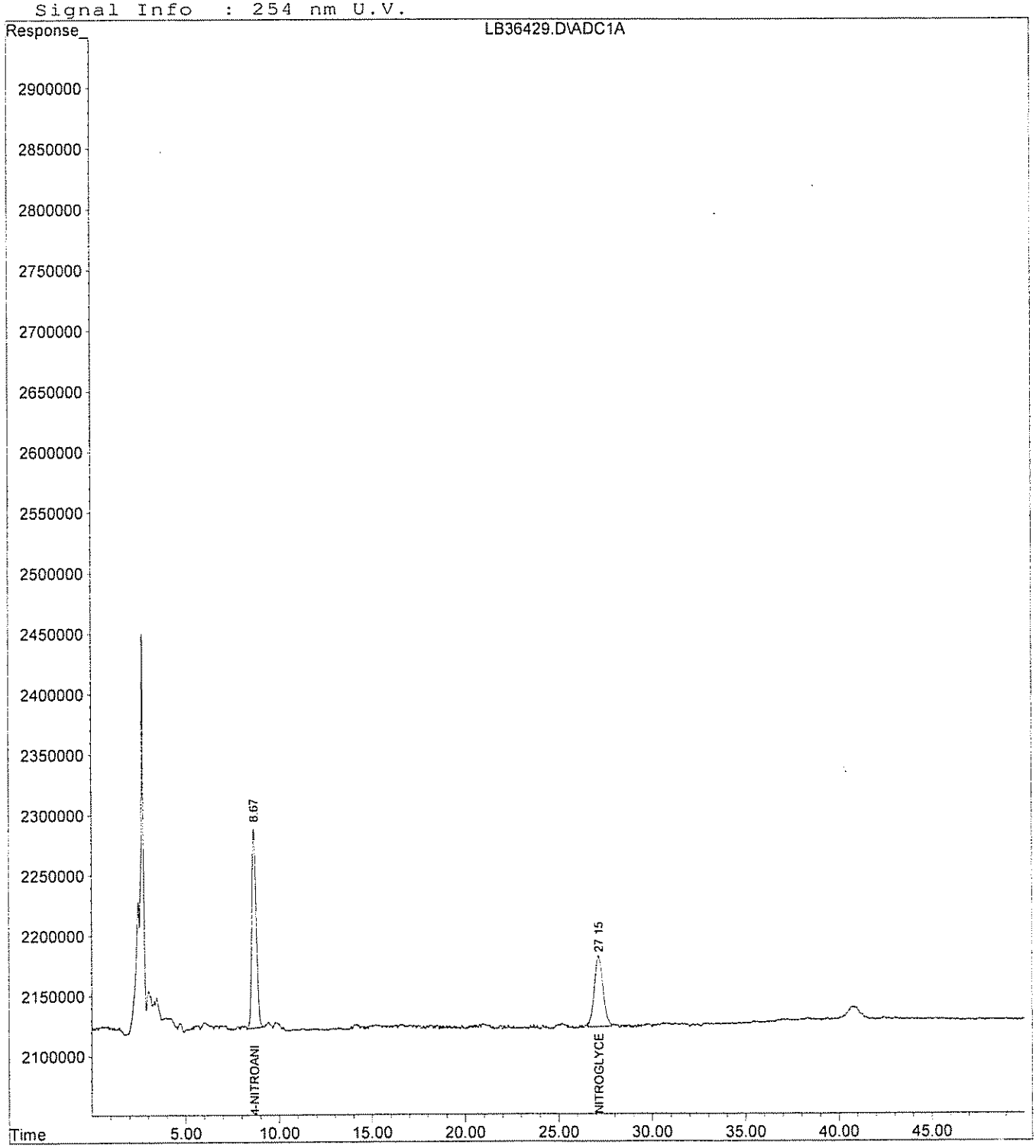
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCB\092806\0928NG\LB36429.D Vial: 2
Acq On : 28 Sep 2006 15:26 Operator: SS
Sample : 8330NG Inst : LCB
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 7:03 2006 Quant Results File: 6802NGCO.RES

Quant Method : H:\LCDATA\LCB\METHODS\6802NGCO.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT 8330 confirmation
Last Update : Tue Aug 16 16:00:29 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : Polar RP
Signal Info : 254 nm U.V.



Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Sep 29 11:33:43 2006
Response via : Initial Calibration

Continuing Calibration File: LA16303.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	123.272	126.215	E3	-2.4	103
2	S	4-Nitroaniline	130.787	118.848	E3	9.1	94
3	T	1,3,5-Trinitrobenzene	347.033	365.916	E3	-5.4	103
4	T	Tetryl	247.222	270.674	E3	-9.5	103
5	T	2,4,6-Trinitrotoluene	341.474	360.653	E3	-5.6	105
6	T	4-Amino-2,6-Dinitrotoluene	246.017	252.982	E3	-2.8	107
7	T	2,6-Dinitrotoluene	223.886	247.271	E3	-10.4	111
8	T	4-Nitrotoluene	204.473	197.170	E3	3.6	101
9	M	RDX	164.196	159.005	E3	3.2	96
10	M	1,3-Dinitrobenzene	516.125	515.703	E3	0.1	99
11	M	Nitrobenzene	371.276	360.280	E3	3.0	99
12	M	2-Amino-4,6-Dinitrotoluene	360.921	366.641	E3	-1.6	102
13	M	2,4-Dinitrotoluene	529.845	503.911	E3	4.9	96
14	M	2-Nitrotoluene	231.221	230.098	E3	0.5	102
15	M	3-Nitrotoluene	255.063	247.289	E3	3.0	100

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16303.D Vial: 76
Acq On : 20 Sep 2006 16:56 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:24 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
2) S	4-Nitroaniline	7.33	59423830	454.355 ng/ml
Spiked Amount	300.000	Range 49 - 133	Recovery =	151.45%#
	Target Compounds			
1) T	HMX	4.71	63107584	511.937 ng/mlm
3) T	1,3,5-Trinitrobenzene	14.01	91479111	263.603 ng/ml
4) T	Tetryl	20.96	135336780	547.429 ng/ml
5) T	2,4,6-Trinitrotoluene	25.60	90163271	264.041 ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	27.64	63245574	257.079 ng/ml
7) T	2,6-Dinitrotoluene	32.54	61817788	276.113 ng/ml
8) T	4-Nitrotoluene	45.76	98584912	482.141 ng/ml
9) M	RDX	9.33	79502347	484.192 ng/ml
10) M	1,3-Dinitrobenzene	18.78	128925690	249.796 ng/ml
11) M	Nitrobenzene	22.93	90069938	242.596 ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	29.29	91660191	253.962 ng/ml
13) M	2,4-Dinitrotoluene	33.67	125977721	237.763 ng/ml
14) M	2-Nitrotoluene	42.49	115049060	497.573 ng/ml
15) M	3-Nitrotoluene	49.82	123644386	484.760 ng/ml

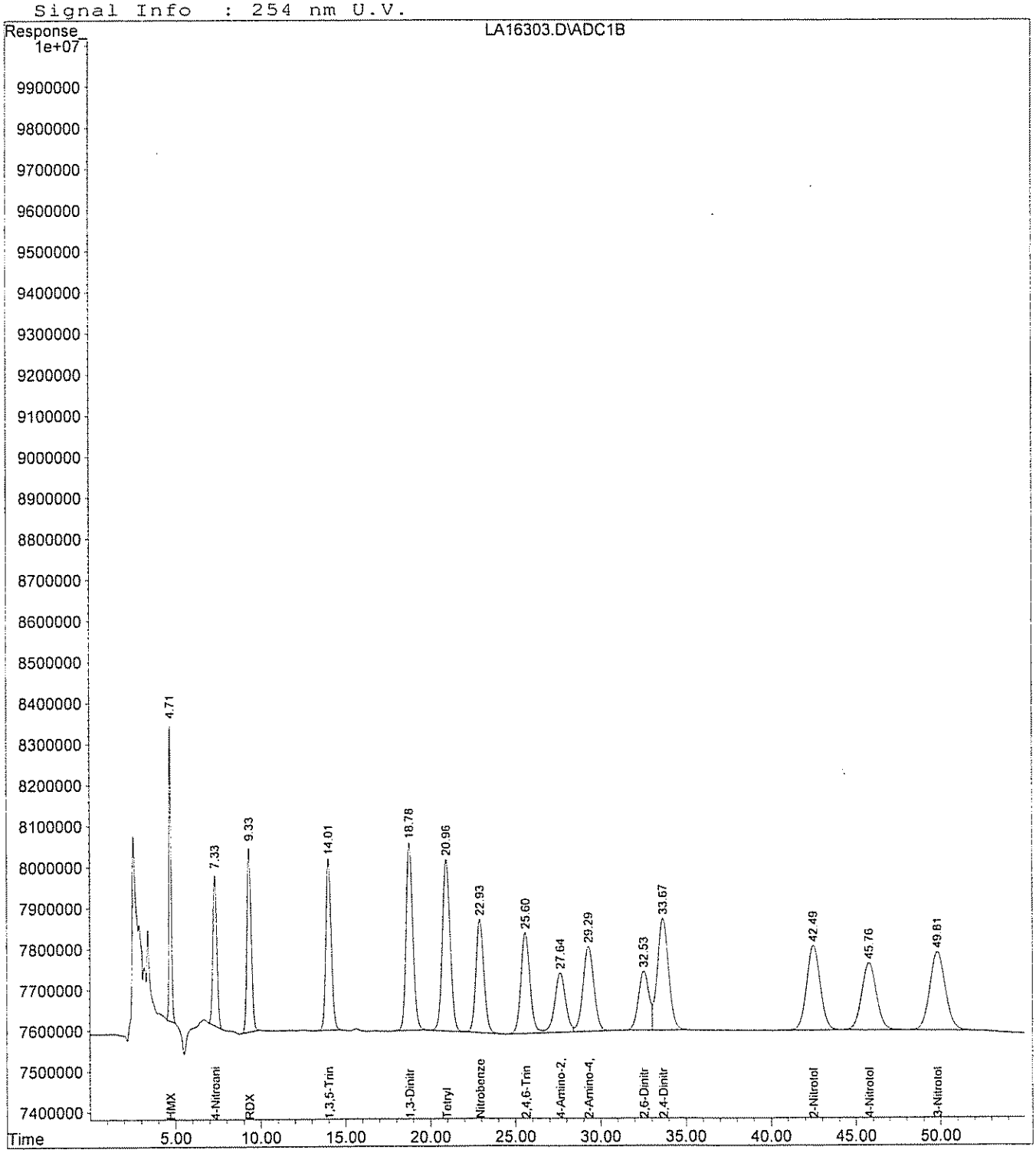
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16303.D Vial: 76
Acq On : 20 Sep 2006 16:56 Operator: AG
Sample : 8330MIX Inst : LCA
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 18:24 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



D. Raw QC Data

1. Blank Data
2. Matrix Spike Data
3. Matrix Spike Duplicate Data
4. Laboratory Control Standard Data (where applicable)
5. Extraction Logsheet
6. Injection Logsheet

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GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93643

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93643
Sample Volume :	10	Lab File ID :	LA16284.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.040	U
99-65-0	1,3-Dinitrobenzene	0.040	U
118-96-7	2,4,6-Trinitrotoluene	0.040	U
121-14-2	2,4-Dinitrotoluene	0.040	U
606-20-2	2,6-Dinitrotoluene	0.040	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.040	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.040	U
2691-41-0	HMX	0.080	U
98-95-3	Nitrobenzene	0.040	U
121-82-4	RDX	0.080	U
479-45-8	Tetryl	0.080	U
99-08-1	m-Nitrotoluene	0.080	U
88-72-2	o-Nitrotoluene	0.080	U
99-99-0	p-Nitrotoluene	0.080	U

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BLK93646

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93646
Sample Volume :	10	Lab File ID :	LA16284.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16284.D Vial: 57
Acq On : 19 Sep 2006 22:06 Operator: AG
Sample : BLK93643 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:40 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.32	20730334	158.504	ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery = 105.67%		
Target Compounds				

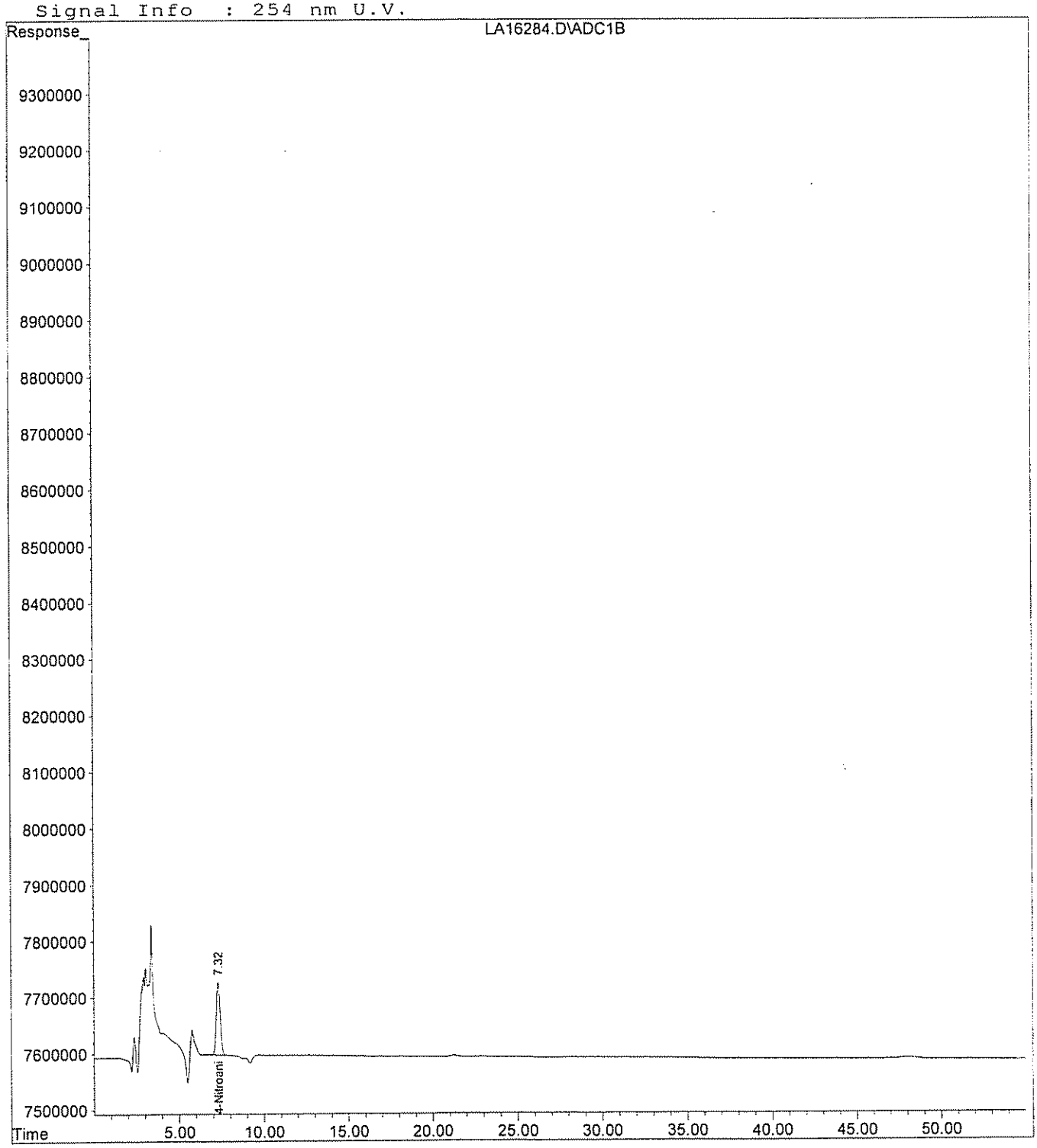
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16284.D Vial: 57
Acq On : 19 Sep 2006 22:06 Operator: AG
Sample : BLK93643 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:40 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16284.D Vial: 57
Acq On : 19 Sep 2006 22:06 Operator: AG
Sample : BLK93646 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:16 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	7.32	20819627	169.834	PPB
Spiked Amount 300.000		Recovery =	56.61%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

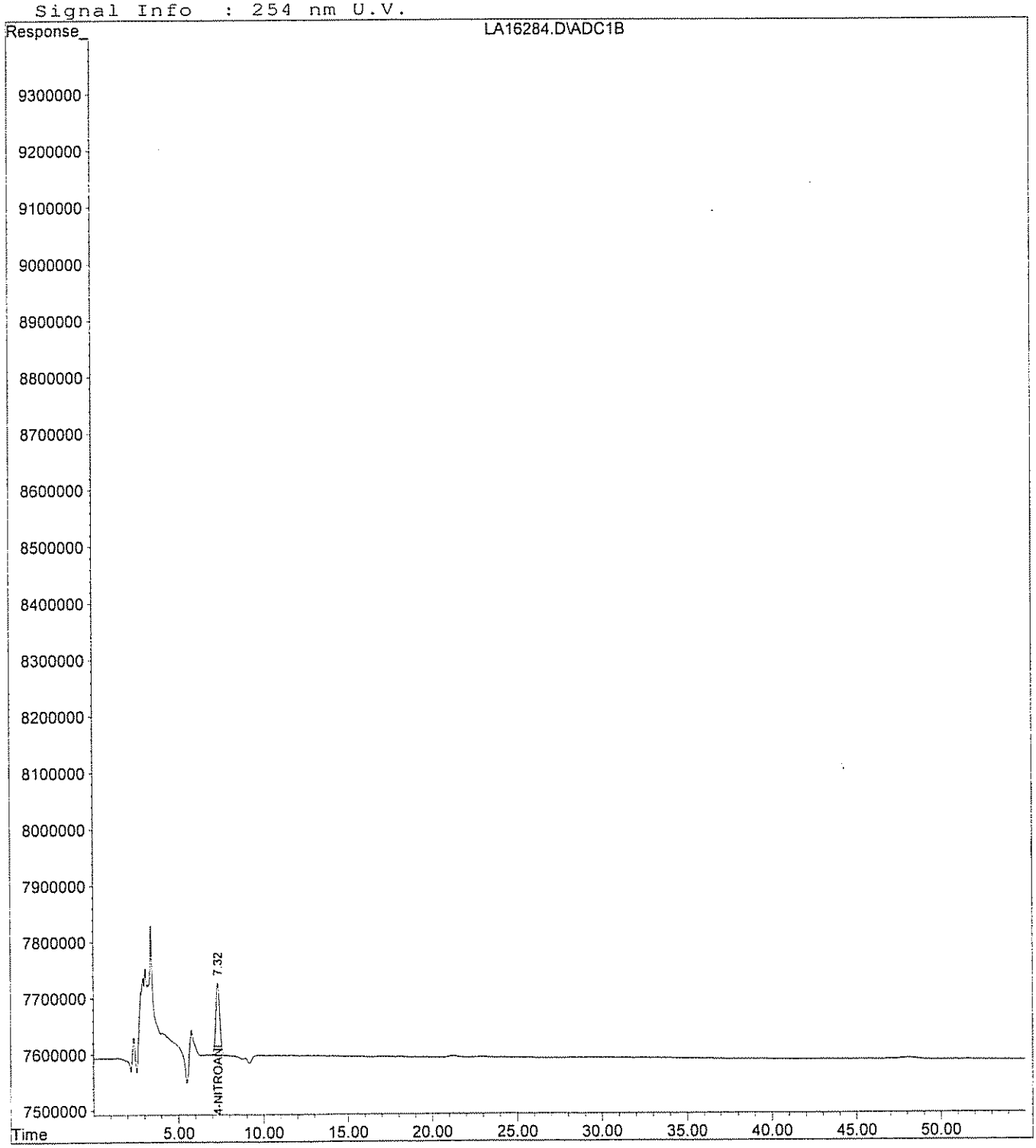
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16284.D Vial: 57
Acq On : 19 Sep 2006 22:06 Operator: AG
Sample : BLK93646 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:16 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



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GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3MS
Sample Volume :	10.02	Lab File ID :	LA16286.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.51	
99-65-0	1,3-Dinitrobenzene	0.52	
118-96-7	2,4,6-Trinitrotoluene	0.57	
121-14-2	2,4-Dinitrotoluene	0.48	
606-20-2	2,6-Dinitrotoluene	0.62	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.53	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.50	
2691-41-0	HMX	0.57	
98-95-3	Nitrobenzene	0.49	
121-82-4	RDX	0.42	
479-45-8	Tetryl	0.53	
99-08-1	m-Nitrotoluene	0.51	
88-72-2	o-Nitrotoluene	0.51	
99-99-0	p-Nitrotoluene	0.47	

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3MS
Sample Volume :	10	Lab File ID :	LA16289.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	13	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16286.D Vial: 59
Acq On : 20 Sep 2006 00:04 Operator: AG
Sample : 608187-005-004-1/3MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:43 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.31	19215536	146.922	ng/ml
Spiked Amount		150.000	Range 52 - 154	Recovery =	97.95%	
		Target Compounds				
1)	T	HMX	4.70	17487516	141.861	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.99	44434397	128.041	ng/mlm
4)	T	Tetryl	20.92	33104732	133.907	ng/mlm
5)	T	2,4,6-Trinitrotoluene	25.58	48830635	142.999	ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	27.58	31088766	126.369	ng/ml
7)	T	2,6-Dinitrotoluene	32.48	34585198	154.477	ng/ml
8)	T	4-Nitrotoluene	45.65	24303901	118.861	ng/mlm
9)	M	RDX	9.31	17261056	105.125	ng/ml
10)	M	1,3-Dinitrobenzene	18.76	67535027	130.850	ng/ml
11)	M	Nitrobenzene	22.91	46029753	123.977	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.23	47639072	131.993	ng/ml
13)	M	2,4-Dinitrotoluene	33.60	63640147	120.111	ng/ml
14)	M	2-Nitrotoluene	42.39	29397524	127.141	ng/ml
15)	M	3-Nitrotoluene	49.66	32409402	127.064	ng/mlm

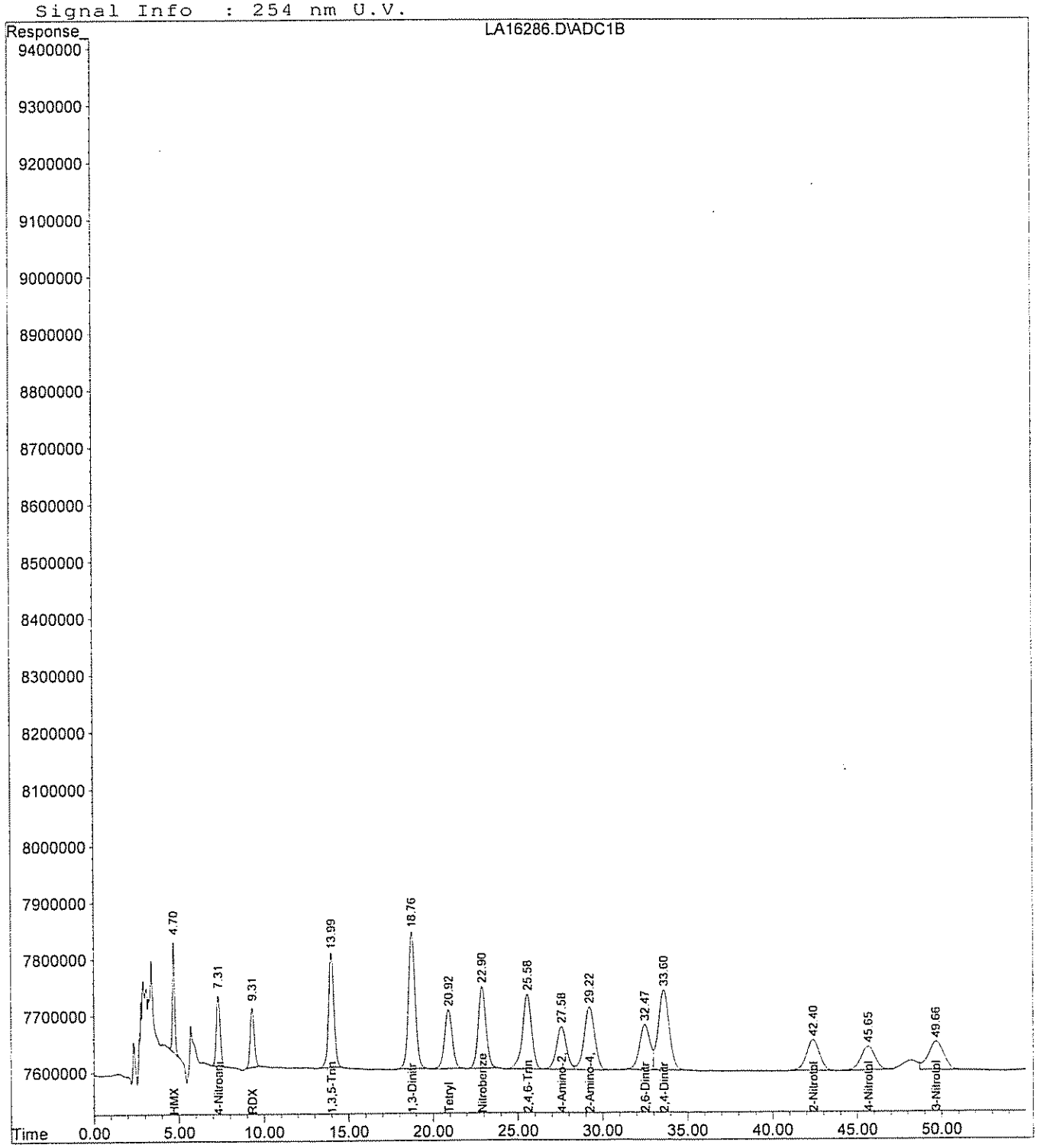
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16286.D Vial: 59
Acq On : 20 Sep 2006 00:04 Operator: AG
Sample : 608187-005-004-1/3MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:43 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16289.D Vial: 62
Acq On : 20 Sep 2006 3:03 Operator: AG
Sample : 608187-005-004-1/3MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:17 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.33	17805945	145.250	PPB	
Spiked Amount 300.000		Recovery =	48.42%		
Target Compounds					
2) M NITROGLYCERINE	23.11	5802053	3.296	PPM	m

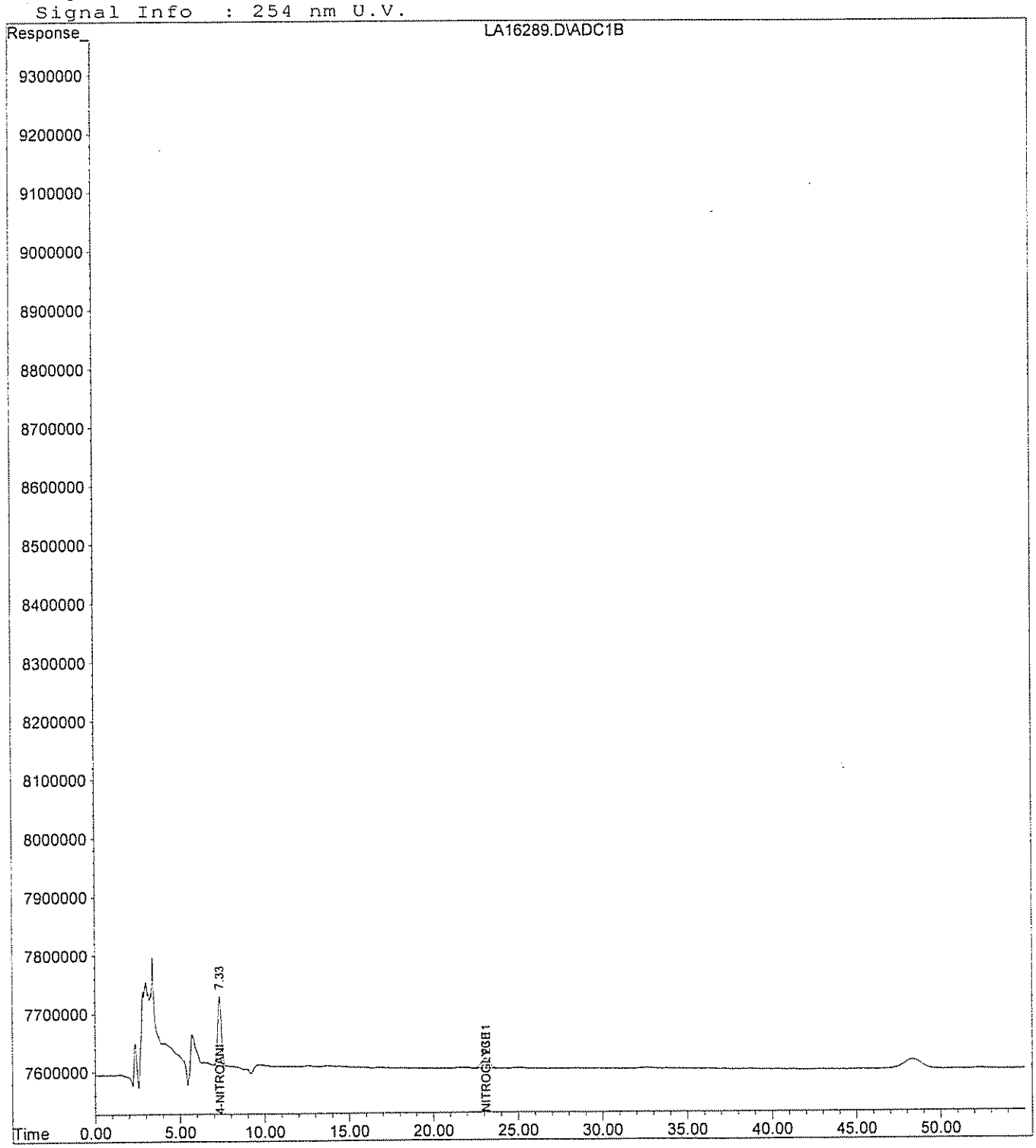
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16289.D Vial: 62
Acq On : 20 Sep 2006 3:03 Operator: AG
Sample : 608187-005-004-1/3MS Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:17 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3MSD
Sample Volume :	10.03	Lab File ID :	LA16287.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.51	
99-65-0	1,3-Dinitrobenzene	0.52	
118-96-7	2,4,6-Trinitrotoluene	0.57	
121-14-2	2,4-Dinitrotoluene	0.49	
606-20-2	2,6-Dinitrotoluene	0.60	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.52	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.50	
2691-41-0	HMX	0.56	
98-95-3	Nitrobenzene	0.49	
121-82-4	RDX	0.44	
479-45-8	Tetryl	0.53	
99-08-1	m-Nitrotoluene	0.51	
88-72-2	o-Nitrotoluene	0.52	
99-99-0	p-Nitrotoluene	0.48	

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3MSD
Sample Volume :	10.02	Lab File ID :	LA16290.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	13	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16287.D Vial: 60
Acq On : 20 Sep 2006 1:04 Operator: AG
Sample : 608187-005-004-1/3MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:44 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.32	20033983	153.180	ng/ml
Spiked Amount		150.000	Range 52 - 154	Recovery =	102.12%	
		Target Compounds				
1)	T	HMX	4.70	17158969	139.196	ng/ml
3)	T	1,3,5-Trinitrobenzene	14.00	44306492	127.672	ng/ml
4)	T	Tetryl	20.93	32732860	132.402	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.57	49014284	143.537	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.59	31169623	126.697	ng/ml
7)	T	2,6-Dinitrotoluene	32.48	33871358	151.289	ng/ml
8)	T	4-Nitrotoluene	45.65	24876484	121.661	ng/mlm
9)	M	RDX	9.32	18198401	110.833	ng/mlm
10)	M	1,3-Dinitrobenzene	18.77	68071470	131.890	ng/ml
11)	M	Nitrobenzene	22.91	45981469	123.847	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.25	47565185	131.788	ng/ml
13)	M	2,4-Dinitrotoluene	33.61	65051735	122.775	ng/ml
14)	M	2-Nitrotoluene	42.40	29994686	129.723	ng/ml
15)	M	3-Nitrotoluene	49.71	32852753	128.802	ng/mlm

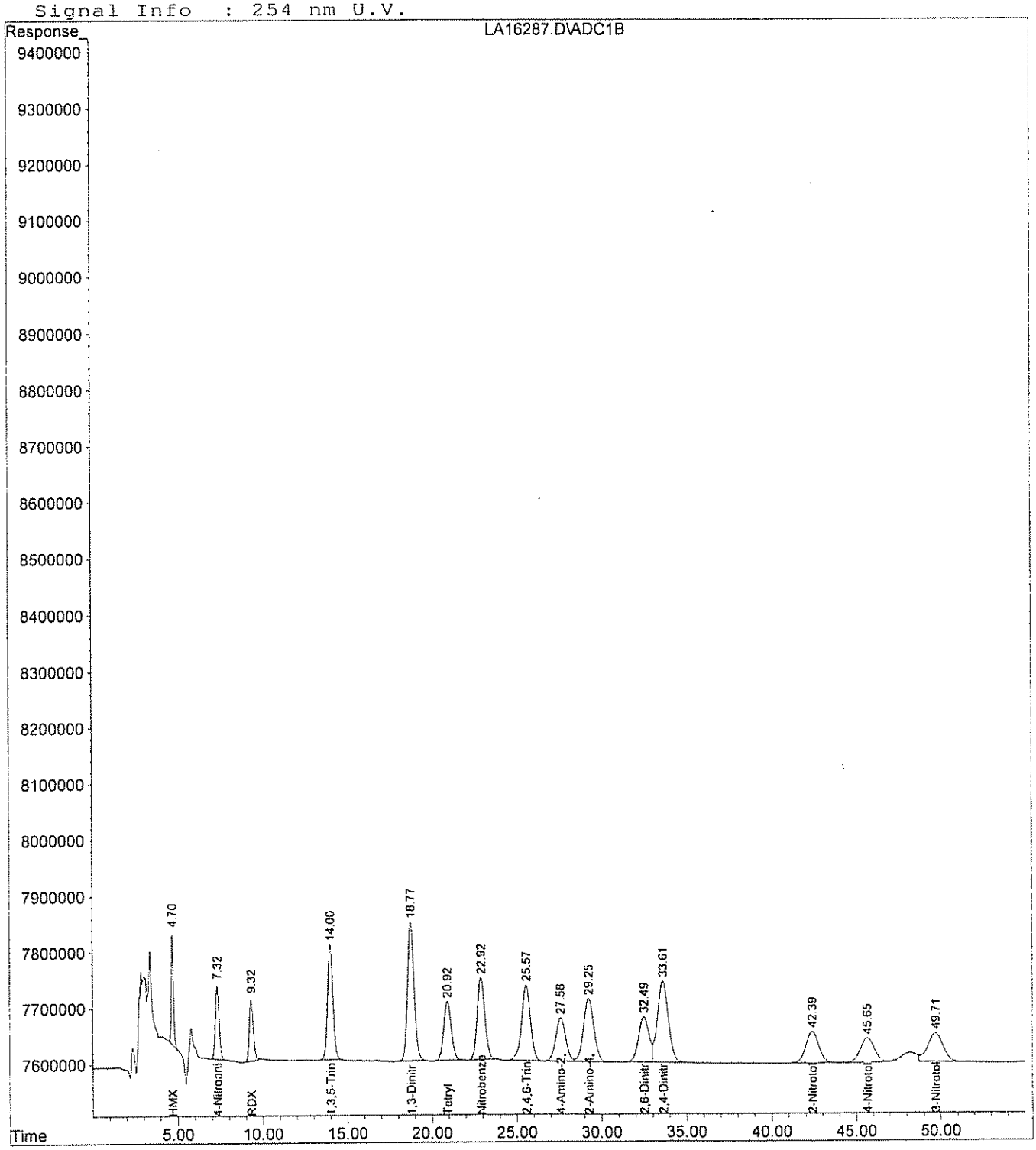
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16287.D Vial: 60
Acq On : 20 Sep 2006 1:04 Operator: AG
Sample : 608187-005-004-1/3MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:44 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16290.D Vial: 63
Acq On : 20 Sep 2006 4:03 Operator: AG
Sample : 608187-005-004-1/3MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:18 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	7.34	19206100	156.672 PPB
Spiked Amount 300.000		Recovery =	52.22%
Target Compounds			
2) M NITROGLYCERINE	23.11	5571057	3.165 PPM m

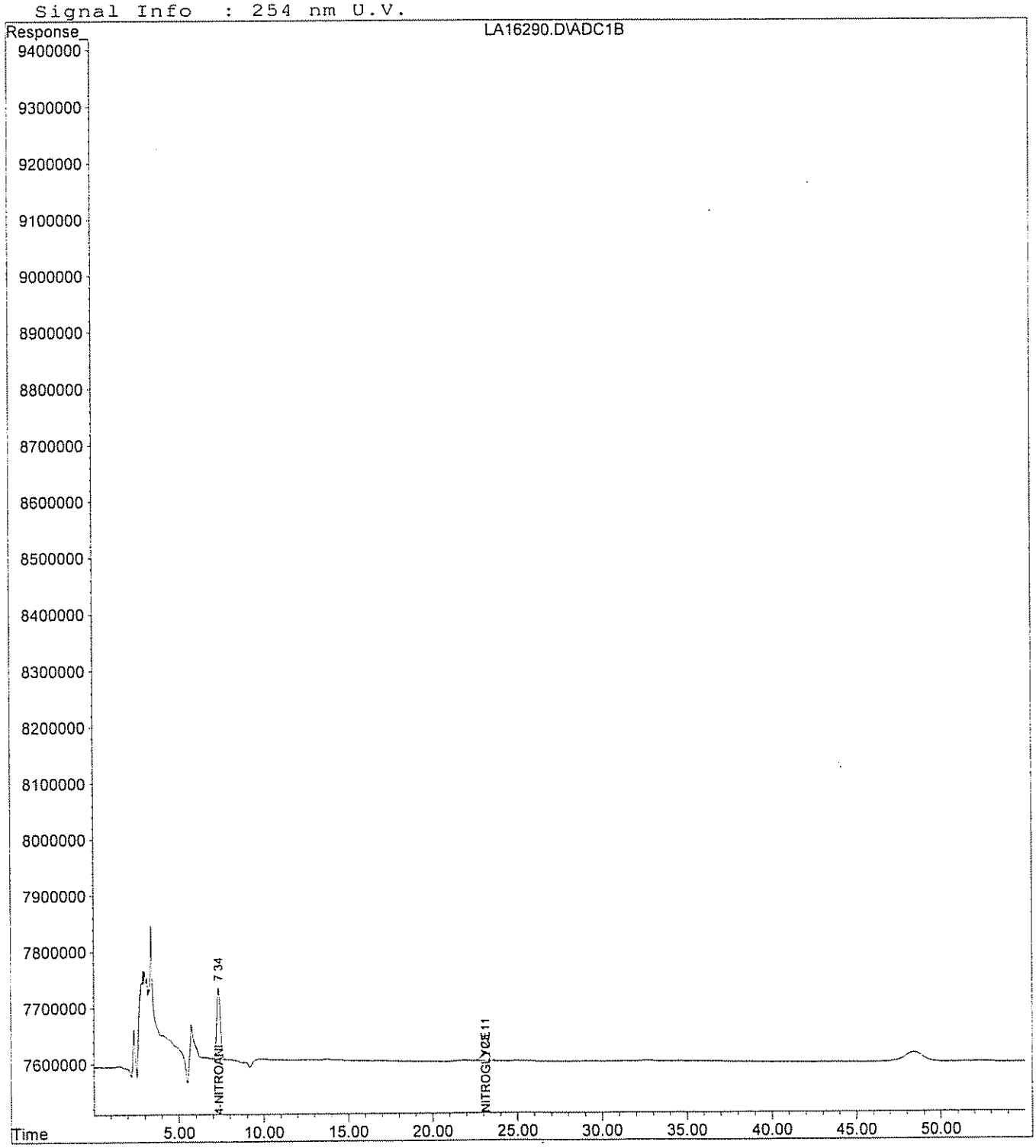
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16290.D Vial: 63
Acq On : 20 Sep 2006 4:03 Operator: AG
Sample : 608187-005-004-1/3MSD Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:18 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BKS93643

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93643
Sample Volume :	10	Lab File ID :	LA16285.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/19/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.40	
99-65-0	1,3-Dinitrobenzene	0.49	
118-96-7	2,4,6-Trinitrotoluene	0.52	
121-14-2	2,4-Dinitrotoluene	0.46	
606-20-2	2,6-Dinitrotoluene	0.54	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.50	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.47	
2691-41-0	HMX	0.52	
98-95-3	Nitrobenzene	0.48	
121-82-4	RDX	0.45	
479-45-8	Tetryl	0.33	
99-08-1	m-Nitrotoluene	0.46	
88-72-2	o-Nitrotoluene	0.50	
99-99-0	p-Nitrotoluene	0.47	

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BKS93646

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93646
Sample Volume :	10	Lab File ID :	LA16288.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/20/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	12	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\LA16285.D Vial: 58
Acq On : 19 Sep 2006 23:05 Operator: AG
Sample : BKS93643 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:42 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.31	19394813	148.293	ng/ml
Spiked Amount		150.000	Range 52 - 154	Recovery =	98.86%	
		Target Compounds				
1)	T	HMX	4.70	16154310	131.046	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.98	34551561	99.563	ng/ml
4)	T	Tetryl	20.90	20176053	81.611	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.54	44566669	130.512	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.54	28863462	117.323	ng/ml
7)	T	2,6-Dinitrotoluene	32.43	30390766	135.742	ng/ml
8)	T	4-Nitrotoluene	45.59	23994320	117.347	ng/mlm
9)	M	RDX	9.30	18561221	113.043	ng/ml
10)	M	1,3-Dinitrobenzene	18.74	63781943	123.579	ng/ml
11)	M	Nitrobenzene	22.88	44598239	120.122	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.18	45301579	125.516	ng/ml
13)	M	2,4-Dinitrotoluene	33.56	60885265	114.912	ng/ml
14)	M	2-Nitrotoluene	42.33	28831150	124.691	ng/ml
15)	M	3-Nitrotoluene	49.63	29432132	115.392	ng/mlm

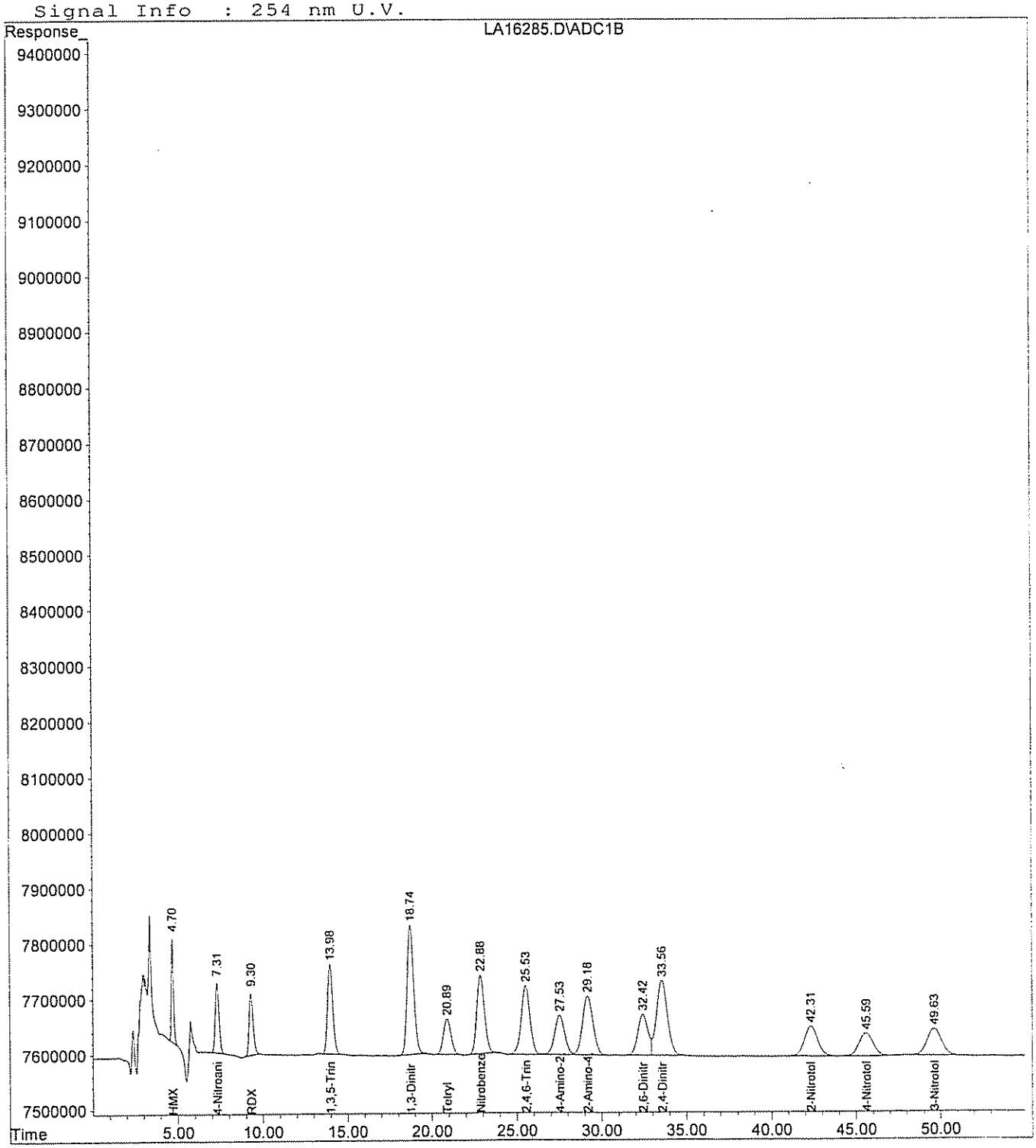
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\LA16285.D Vial: 58
Acq On : 19 Sep 2006 23:05 Operator: AG
Sample : BKS93643 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 9:42 2006 Quant Results File: 67258330.RES

Quant Method : H:\LCDATA\LCA\METHODS\67258330.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Jul 25 09:45:54 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCA\091706\0917NG\LA16288.D Vial: 61
Acq On : 20 Sep 2006 2:03 Operator: AG
Sample : BKS93646 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:17 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.32	19623732	160.079	PPB	
Spiked Amount 300.000		Recovery =	53.36%		
Target Compounds					
2) M NITROGLYCERINE	23.03	5410892	3.074	PPM	m

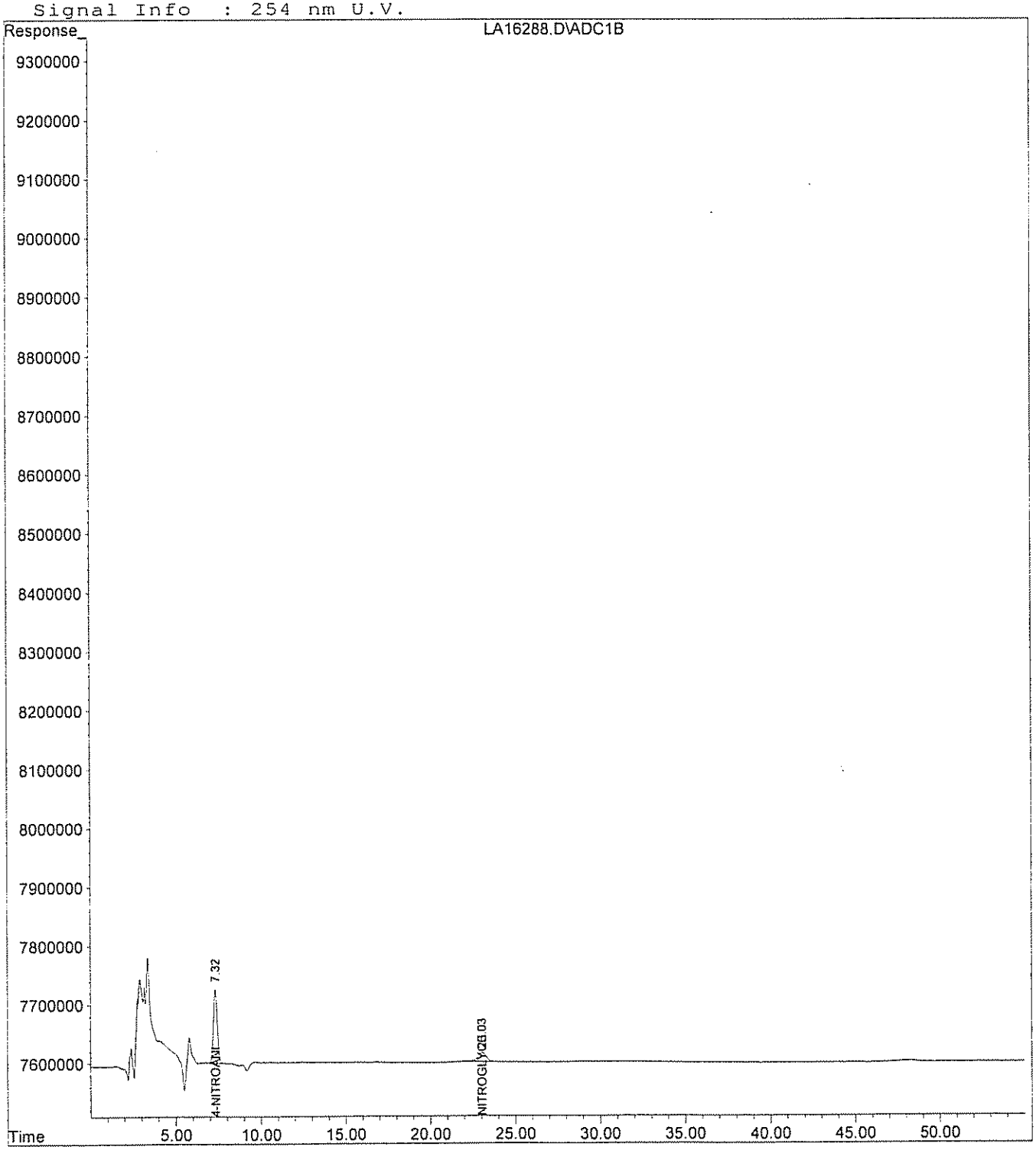
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCA\091706\0917NG\LA16288.D Vial: 61
Acq On : 20 Sep 2006 2:03 Operator: AG
Sample : BKS93646 Inst : LCA
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 10:17 2006 Quant Results File: 60607NG.RES

Quant Method : H:\LCDATA\LCA\METHODS\60607NG.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Mon Aug 08 15:58:05 2005
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

Volume Inj. : 100 uL
Signal Phase : C8
Signal Info : 254 nm U.V.



EXPLOSIVES / NITROGUANIDINE / NITROGLYCERINE / PICRIC ACID / PETN EXTRACTION LOG

SOIL / WATER / WIPES

Approval / Date: VT 09/8/06 Client: Shaw E & I, Inc.

Analysis Method: 8330 + NG + PETN (S)

Extraction Chemist: D-S-S Date: 9-7-06 Spike Witness: N.P.

Work Order	Fraction	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
608187	BLK	10.00	1.0	—	40.0
	BKS 1	10.60		1.0 ⊙ + 0.4 Ⓐ	
	005 ms 1	10.02		↓	
	005 msD 1	10.03		↓	
	001	10.03		—	
	002	10.00			
	003	10.01			
	004	10.00			
	005	10.00			
	007	10.00			
	008	10.01			
	0093	10.02		↓	
	BKS 2	10.00		1.0 *	
	005 ms 2	10.00		↓	
↓	005 msD 2	10.02	↓	↓	↓

VT 9/8/06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 061917 Matrix Spike #: 37629 ⊙ Matrix Spike Conc.: 5.0 ppm

Surrogate Solution #: 37212 Matrix Spike #: 37354 * NG Matrix Spike Conc.: 100 ppm

Surrogate Conc.(s): 6 ppm Matrix Spike #: 37353 Ⓐ PETN Matrix Spike Conc.: 10 PPM

Calcium Chloride#: 37063 Sodium Sulfate#: — Sand#: 43007309

Sodium Chloride#: —

Comments & Observations: Xenco # for 8330 is 93643

Xenco # for 8330 PETN is 93644

Xenco # for 8330 NG is ~~93644~~ 93646 NP 9.8.06

Sample #13 is on hold.

LcB C. 8 NG 6802NGCa

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B

Method File:	h:\lcdata\LCB\Method 5.	Data File Path:	I:\Lcdata\ LCB 080206
Detector(s):	UV.	Mobile Phase:	60% DI water + 5% MeOH + 35% ACN.
Pump(s):	515 HPLC.	Flow Rate:	1.0 mL/min.
Autosampler:	717 plus -	Detector Wavelength:	254
Column:	CN.	Injection Volume:	100 µL

ICAL Method: 6802NG GenC 08 Analyst: AG. Reviewed by: [signature] Date: 8/11/06

Injection Log

Directory: i:\lcdata\lcb\080206

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	LB35344.D	1.	8330NG-BLK	CCAL	2 Aug 106 12::0
2	2	LB35345.D	1.	8330NG-LEV1	CCAL	2 Aug 106 12::5
3	3	LB35346.D	1.	8330NG-LEV2	CCAL	2 Aug 106 12::4
4	4	LB35347.D	1.	8330NG-LEV3	CCAL	2 Aug 106 12::3
5	5	LB35348.D	1.	8330NG-LEV4	CCAL	2 Aug 106 13::2
6	6	LB35349.D	1.	8330NG-LEV5	CCAL	2 Aug 106 13::2
7	7	LB35350.D	1.	8330NG-ICV	CCAL	3 Aug 106 13::1
8	8	LB35351.D	1.	BLK	ACN	3 Aug 106 12::0

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AG 08/11/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
	4-nitroaniline	37239	10PPM	07/24/06
	Nitroglycerine	37153	100 PPM	06/15/06

Lca P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

8330 6725833o

Method File: h:\lcdata\lca\methods	
Detector/ Wavelength:	UV 254 nm
Injection Volume:	100 ul

Data File Path:	h:\lcdata\lca\072406
Mobile Phase:	8330 - L49-59-31
Flow Rate:	0.9 ml/min

ICAL: 6725833o Analyst: S. S. Reviewed by:______ Date:______

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LA						
LA						
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Injection Log

Directory: h:\lcdata\lca\072406

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	la15126.d	1.	8330MIX-BLK	C CAL	24 Jul 106 12::5
2	2	la15127.d	1.	8330MIX-LEV1	C CAL	24 Jul 106 12::4
3	3	la15128.d	1.	8330MIX-LEV2	C CAL	24 Jul 106 12::4
4	4	la15129.d	1.	8330MIX-LEV3	C CAL	24 Jul 106 13::4
5	5	la15130.d	1.	8330MIX-LEV4	C CAL	24 Jul 106 13::4
6	6	la15131.d	1.	8330MIX-LEV5	C CAL	25 Jul 106 13::4
7	7	la15132.d	1.	8330MIX-LEV6	C CAL	25 Jul 106 12::4
8	8	la15133.d	1.	8330MIX-ICV	C CAL	25 Jul 106 12::4
9	9	la15134.d	1.	8330MIX	C CAL	25 Jul 106 12::4
10	10	la15135.d	1.	BLK82682	WATER	25 Jul 106 12::4
11	11	la15136.d	1.	607135-020-020-1/1	WATER	25 Jul 106 12::4
12	12	la15137.d	1.	607136-005-009-1/2	WATER	25 Jul 106 12::4
13	13	la15138.d	1.	607135-001-012-1/1	SOIL	25 Jul 106 12::4
14	14	la15139.d	1.	607135-002-001-1/1	SOIL	25 Jul 106 12::4
15	15	la15140.d	1.	607135-003-002-1/1	SOIL	25 Jul 106 12::4
16	16	la15141.d	1.	607135-004-003-1/1	SOIL	25 Jul 106 13::4
17	17	la15142.d	1.	607135-005-004-1/1X20	SOIL	25 Jul 106 13::4
18	18	la15143.d	1.	607135-006-005-1/1	SOIL	25 Jul 106 13::4
19	19	la15144.d	1.	607135-007-006-1/1	SOIL	25 Jul 106 12::4
20	20	la15145.d	1.	8330MIX	C CAL	25 Jul 106 12::4
21	21	la15146.d	1.	607135-008-007-1/1	SOIL	25 Jul 106 12::4
22	22	la15147.d	1.	607135-009-008-1/1	SOIL	25 Jul 106 12::3
23	23	la15148.d	1.	607135-010-009-1/1	SOIL	25 Jul 106 12::3
24	24	la15149.d	1.	BLK82697	SOIL	25 Jul 106 12::3
25	25	la15150.d	1.	BKS82582	WATER	25 Jul 106 12::3
26	26	la15151.d	1.	BKSD82582	WATER	25 Jul 106 12::3
27	27	la15152.d	1.	BKS82697	SOIL	25 Jul 106 12::3
28	28	la15153.d	1.	607135-002-001-1/1MS	SOIL	25 Jul 106 13::3
29	29	la15154.d	1.	607135-002-001-1/1MSD	SOIL	25 Jul 106 13::3
30	30	la15155.d	1.	606159-002-002-1/1(1:10)	SOIL	26 Jul 106 13::3
31	31	la15156.d	1.	606159-006-006-1/1(1:10)	SOIL	26 Jul 106 12::3
32	32	la15157.d	1.	8330MIX	C CAL	26 Jul 106 12::3
33	33	la15158.d	1.	BLK82732	SOIL	26 Jul 106 12::3
34	34	la15159.d	1.	BKS82732	SOIL	26 Jul 106 12::3
35	35	la15160.d	1.	607162-004-004-1/1MS	SOIL	26 Jul 106 12::3
36	36	la15161.d	1.	607162-004-004-1/1MSD	SOIL	26 Jul 106 12::3
37	37	la15162.d	1.	607162-003-003-1/1	SOIL	26 Jul 106 12::3
38	38	la15163.d	1.	607162-004-004-1/1	SOIL	26 Jul 106 12::3
39	39	la15164.d	1.	607162-005-005-1/1	SOIL	26 Jul 106 12::3
40	40	la15165.d	1.	607162-006-006-1/1	SOIL	26 Jul 106 13::3

Remarks	Standard	Solution ID	Conc.	Date Prep.
90402	8330 mix	37486	10/20 ppm	07/21/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

Method File: H:\Lcdata\Lca\methods		
Detector/ Wavelength:	UV	254 nm
Injection Volume:	100	ul

Data File Path: H:\Lcdata\Lca\060706
Mobile Phase: 330-449-57-25
Flow Rate: 0.9 ml/min

ICAL: 060607NG Analyst: S.S. Reviewed by: _____ Date: _____

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LA 14359	833-NG-BLK	06/07/06	1	C8	CCal	
LA 60	-LEV1					
LA 61	-LEV2					
LA 62	-LEV3					
LA 63	-LEV4					
LA 64	-LEV5					
LA 65	-ICV					#36674
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Remarks	Standard	Solution ID	Conc.	Date Prep.
89894	4-Nitroanaline	36170	10ppm	02/14/06
	Nitroglycerine	36933	100ppm	05/16/06

Lcb

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B 8330 Comb c073006C

Method File:	h'\LCdata\LCB\Methods.	Data File Path:	i:\Lc data\LcB\073006
Detector(s):	UV	Mobile Phase:	60% Di water + 5% MeOH + 35% ACN
Pump(s):	515 HPLC	Flow Rate:	1.0 mL/min
Autosampler:	717 plus	Detector Wavelength:	254
Column:	CN	Injection Volume:	100 uL.

ICAL Method: 073006C Analyst: AG Reviewed by: SS Date: 8/27/06

Injection Log

Directory: i:\lcdata\lcb\073006

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	
1	4	LB35282.D	1.	8330MIX-LEV-4	CAL	30 Jul 106 13::2	
2	1	LB35283.D	1.	BLK	CAL	30 Jul 106 12::1	
3	2	LB35284.D	1.	8330MIX-LEV-1	CAL	30 Jul 106 12::1	
4	3	LB35285.D	1.	8330MIX-LEV-2	CAL	30 Jul 106 12::0	
5	4	LB35286.D	1.	8330MIX-LEV-3	CAL	30 Jul 106 12::5	
6	5	LB35287.D	1.	8330MIX-LEV-4	CAL	30 Jul 106 12::4	
7	6	LB35288.D	1.	8330MIX-LEV-5	CAL	30 Jul 106 12::3	
8	7	LB35289.D	1.	8330MIX-LEV-6	CAL	30 Jul 106 12::2	
9	8	LB35290.D	1.	8330MIX-ICV	CAL	30 Jul 106 12::1	
10	9	LB35291.D	1.	8330MIX	CAL	30 Jul 106 12::0	not used
11	10	LB35292.D	1.	8330NG-LEV-1	CAL	31 Jul 106 13::1	
12	11	LB35293.D	1.	8330NG-LEV-2	CAL	31 Jul 106 13::0	
13	12	LB35294.D	1.	8330NG-LEV-3	CAL	31 Jul 106 12::0	
14	13	LB35295.D	1.	8330NG-LEV-4	CAL	31 Jul 106 12::5	
15	14	LB35296.D	1.	8330NG-LEV-5	CAL	31 Jul 106 12::4	
16	15	LB35297.D	1.	8330NG-LEV-ICV	CAL	31 Jul 106 12::1	
17	16	LB35298.D	1.	8330NG-3	CAL	31 Jul 106 12::0	
18	17	LB35299.D	1.	8330MIX	CAL	31 Jul 106 12::0	

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Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 Mix	37486	10/20 ppm	07/21/06
	4-nitroaniline	37239	10 ppm	07/24/06
	Nitrotyrosine	37153	37153	06/15/06
AG 8/10/06	~~8330 ICV~~	-	100 ppm	
	8330 ICV	37554	10/20 ppm	07/27/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B

Method File: h:\lcdata\lcb\methods	Data File Path: h:\lcdata\lcb\092806
Detector(s): UV	Mobile Phase: 833c comb - L49 - 62 - 33
Pump(s): 515 water	Flow Rate: 1.00 ml/min
Autosampler: 717 water	Detector Wavelength: 254 nm
Column: polar	Injection Volume: 100 ul

ICAL Method: 070006C Analyst: S.S. Reviewed by: _____ Date: _____

Injection Log

Directory: h:\lcdata\lcb\092806

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		lb36428.d	1.	833c mix		
2	2	lb36429.d	1.	8330NG	C CAL	28 Sep 106 12::
3	3	lb36430.d	1.	608187-001	SOIL	28 Sep 106 12::
4	4	lb36431.d	1.	608187-002	SOIL	28 Sep 106 12::
5	5	lb36432.d	1.	608187-003	SOIL	28 Sep 106 12::
6	6	lb36433.d	1.	608187-004	SOIL	28 Sep 106 12::
7	7	lb36434.d	1.	608187-005	SOIL	28 Sep 106 12::
8	8	lb36435.d	1.	608187-007	SOIL	28 Sep 106 12::
9	9	lb36436.d	1.	608187-008	SOIL	28 Sep 106 12::
10	10	lb36437.d	1.	608187-013	SOIL	28 Sep 106 13::
11	11	lb36438.d	1.	8330MIX	C CAL	28 Sep 106 13::
12	12	lb36439.d	1.	8330NG	C CAL	29 Sep 106 13::
13	13	lb36440.d	1.	609034-017	SOIL	29 Sep 106 12::
14	14	lb36441.d	1.	8330MIX	C CAL	29 Sep 106 12::

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Remarks	Standard	Solution ID	Conc.	Date Prep.
	833c mix	39909	10/2 ppm	08/22/06
	NC STD	38189	100 ppm	09/18/06
	4-Nitroanaline	37558	10 ppm	07/27/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # A (HP1100)

Method File: H:\lcdata\lca\Methods	Data File Path: H:\lcdata\lca\091706
Detector/ Wavelength: UV	Mobile Phase: 8330-L49-62-011
Injection Volume: 100 µL	Flow Rate: 0.9 mL/min.

ICAL: 67258330/60607NG Analyst: AG. Reviewed by: S.S Date: 09/26/06

Injection Log

Directory: h:\lcdata\lca\091706

Line	Vial	FileName	Multiplier	SampleName (8330A Comment)	Misc Info (NG Comments)	Injected
58	58	la16285.d	1.	BKS93643 ok	SOIL	19 Sep
59	59	la16286.d	1.	608187-005-004-1/3MS ok	SOIL	20 Sep
60	60	la16287.d	1.	608187-005-004-1/3MSD ok	SOIL	20 Sep
61	61	la16288.d	1.	BKS93646	SOIL ok	20 Sep
62	62	la16289.d	1.	608187-005-004-1/3MS	SOIL ok	20 Sep
63	63	la16290.d	1.	608187-005-004-1/3MSD	SOIL ok	20 Sep
64	64	la16291.d	1.	608187-013-024-1/1 Needs Conf.	SOIL Needs Conf.	20 Sep
65	65	la16292.d	1.	BLK	ACN	20 Sep
66	66	la16293.d	1.	8330MIX ok	CCAL	20 Sep
67	67	la16294.d	1.	8330NG ok	CCAL	20 Sep
68	68	la16295.d	1.	608187-001-014-1/1 - Needs Conf.	SOIL - Needs Conf.	20 Sep
69	69	la16296.d	1.	608187-002-015-1/1 - Needs Conf.	SOIL ok	20 Sep
70	70	la16297.d	1.	608187-003-016-1/1 - Needs Conf.	SOIL ok	20 Sep
71	71	la16298.d	1.	608187-004-017-1/1 - Needs Conf.	SOIL Needs Conf.	20 Sep
72	72	la16299.d	1.	608187-005-004-1/3 - Needs Conf.	SOIL - Needs Conf	20 Sep
73	73	la16300.d	1.	608187-007-022-1/1 - Needs Conf.	SOIL - Needs Conf.	20 Sep
74	74	la16301.d	1.	608187-008-023-1/1 - Needs Conf.	SOIL - Needs Conf	20 Sep
75	75	la16302.d	1.	BLK	ACN	20 Sep
76	76	la16303.d	1.	8330MIX ok	CCAL	20 Sep
77	77	la16304.d	1.	8330NG	CCAL ok	20 Sep

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AG 09/20/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 MIX	37486	10/20 PPM	07/21/06
	4-nitroaniline.	37239	10 PPM	06/15/06
	Nitroglycerine.	37153	100 PPM	06/24/06

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT: LCA CA14453 LCA1447 CA14495
COLUMN: C8 ANALYST SS
DATE: 06/19/2006-06/21/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	7.09	7.07	7.07	0.31	7.09	0.30	7.083	0.035	2.56	1.28
Nitroglycerine	21.92	21.96	21.96	0.51	21.98	0.53	21.953	0.092	7.67	3.83

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Windows are the greater of 1/2 the average peak width,
or +/- 3 times the retention time standard deviation

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE:	LCA		
COLUMN:	C18	ANALYST	SS
DATE:	7/24/06-7/27/06	DATE	09/14/06

COMPOUND	LCA15145 Retent Time 1	LCA15168 Retent Time 2	LCA15187 Retent Time 3	AVG	Stand Dev	3X Stnd Dev	Average Peak Width	RT WINDOW
4-Nitroaniline(Surr.)	7.180	7.100	7.090	7.123	0.049	0.148	0.30	0.15
HMX	4.640	4.600	4.600	4.613	0.023	0.069	0.30	0.15
1,3,5-Trinitrobenzene	13.710	13.520	13.480	13.570	0.123	0.369	0.50	0.25
Tetryl	20.310	19.900	19.800	20.003	0.270	0.811	0.70	0.35
2,4,6-Trinitrotoluene	24.860	24.420	24.330	24.537	0.284	0.851	0.80	0.40
4-ADNT	26.730	26.210	26.090	26.343	0.340	1.021	0.80	0.40
2,6-Dinitrotoluene	31.490	30.900	30.800	31.063	0.373	1.119	0.80	0.40
4-Nitrotoluene	44.300	43.390	43.270	43.653	0.563	1.690	0.90	0.45
RDX	9.130	9.010	8.990	9.043	0.076	0.227	0.40	0.20
1,3-Dinitrobenzene	18.350	18.070	18.000	18.140	0.185	0.556	0.50	0.25
Nitrobenzene	22.370	22.010	21.930	22.103	0.234	0.703	0.50	0.25
2-ADNT	28.340	27.830	27.690	27.953	0.342	1.026	0.70	0.35
2,4-Dinitrotoluene	32.610	32.010	31.910	32.177	0.379	1.136	0.60	0.30
2-Nitrotoluene	41.130	40.290	40.180	40.533	0.520	1.559	0.80	0.40
3-Nitrotoluene	48.250	47.240	47.110	47.533	0.624	1.872	0.80	0.40

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT: LCB CB35402 LCB3541 CB35427
COLUMN: POLAR ANALYST SS
DATE: 08/07/2006-08/08/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	8.56	7.07	8.56	0.31	8.56	0.30	8.560	0.000	2.56	1.28
Nitroglycerine	26.82	21.96	26.91	0.51	26.90	0.53	26.877	0.148	7.67	3.83

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Windows are the greater of 1/2 the average peak width,
or +/- 3 times the retention time standard deviation

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE: LCB
COLUMN: POLAR ANALYST SS
DATE: 07/31/06-08/02/06 DATE 09/12/06

COMPOUND	LCB3521 Retent Time 1	LCB35319 Retent Time 2	LCB35330 Retent Time 3	AVG	Stand Dev	3X Stnd Dev
4-Nitroaniline(St	8.640	8.560	8.560	8.587	0.046	0.139
HMX	14.770	14.580	14.600	14.650	0.104	0.313
1,3,5-Trinitrober	26.940	26.690	26.740	26.790	0.132	0.397
Tetryl	40.160	39.810	39.940	39.970	0.177	0.531
2,4,6-Trinitrotol	37.020	36.710	36.810	36.847	0.158	0.475
4-ADNT	18.650	18.480	18.500	18.547	0.099	0.296
2,6-Dinitrotoluer	23.230	23.020	23.060	23.103	0.112	0.335
4-Nitrotoluene	20.750	20.590	20.610	20.650	0.087	0.262
RDX	12.320	12.190	12.200	12.237	0.072	0.217
1,3-Dinitrobenzer	17.610	17.450	17.470	17.510	0.087	0.262
Nitrobenzene	14.050	13.940	13.940	13.977	0.064	0.191
2-ADNT	18.660	18.480	18.500	18.547	0.099	0.296
2,4-Dinitrotoluer	24.520	24.310	24.360	24.397	0.110	0.329
2-Nitrotoluene	19.390	19.230	19.250	19.290	0.087	0.262
3-Nitrotoluene	19.910	19.230	19.770	19.637	0.359	1.077

Retention windows equal to retention times extracted from daily calibration +/- three times of the Standard Deviation.

LOW IMPACT EXPLOSIVES AND PROPELLANTS

GPL Laboratories

A. QC Summary

1. Surrogate Percent Recovery Summary

2. Matrix Spike/Matrix Spike Duplicate Summary

3. Laboratory Control Standard Summary (where applicable)

4. Method Blank Summary

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8330** **SDG No : 608187**

Surrogate	NO2ANIL4
Lower QC Limits	31
Upper QC Limits	129
Sample ID	
BKS93644	124
BLK93644	124
NWO-017-0031	80
NWO-017-0032	83
NWO-017-0033	85
NWO-017-0035	90
NWO-017-0036	93
NWO-017-0037	93
NWO-037-0038	87
NWO-037-1008	85
NWO-037-1008MS	104
NWO-037-1008MSD	112

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
NWO-037-1008MSD

Lab Name : GPL Laboratories SDG NO : 608187 Method : SW8330

Lab Code : GPL Lab Sample ID : 608187-005-004-1/3MSD Matrix : SOIL Analysis Date : 09/21/2006

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
Pentaerythritol Tetranitrate	.4	.4	0.0	0.60	0.60	150	150	0	25	77-150

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 1 Outside Limit
Spike Recovery : 0 Out of 2 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93644

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 608187
Lab Sample ID : BKS93644
Analysis Date : 09/21/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Pentaerythritol Tetranitrate	.4	0	0.42	105	46-134

* Values Outside of QC Limits.

Spike recovery : 0 out of 1 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93644

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93644
Lab File ID :	E37812.D	SDG NO :	608187
Date Analyzed	09/21/2006	Lab Sample ID :	BLK93644
Date Extracted :	09/07/2006	Time Analyzed :	03:00
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS93644	BKS93644	E37813.D	09/21/2006
NWO-037-1008MS	608187-005-004-1/3MS	E37814.D	09/21/2006
NWO-037-1008MSD	608187-005-004-1/3MSD	E37815.D	09/21/2006
NWO-017-0035	608187-001-014-1/1	E37816.D	09/21/2006
NWO-017-0036	608187-002-015-1/1	E37817.D	09/21/2006
NWO-017-0037	608187-003-016-1/1	E37818.D	09/21/2006
NWO-037-0038	608187-004-017-1/1	E37819.D	09/21/2006
NWO-037-1008	608187-005-004-1/3	E37820.D	09/21/2006
NWO-017-0032	608187-007-022-1/1	E37824.D	09/21/2006
NWO-017-0031	608187-008-023-1/1	E37825.D	09/21/2006
NWO-017-0033	608187-013-024-1/1	E37826.D	09/21/2006

B. Sample Data

1. TCL Results

2. Chromatographs from Primary and Confirmatory Analyses

3. Integration Report for Primary and Confirmatory Analyses

GPL Laboratories

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0035

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-001-014-1/1
Sample Volume :	10.03	Lab File ID :	E37816.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37816.D Vial: 32
Acq On : 21 Sep 2006 4:25 Operator: ST.
Sample : 608187-001-014-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:35 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.33	34902094	135.374	PPB
Spiked Amount 300.000	Recovery = 45.12%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

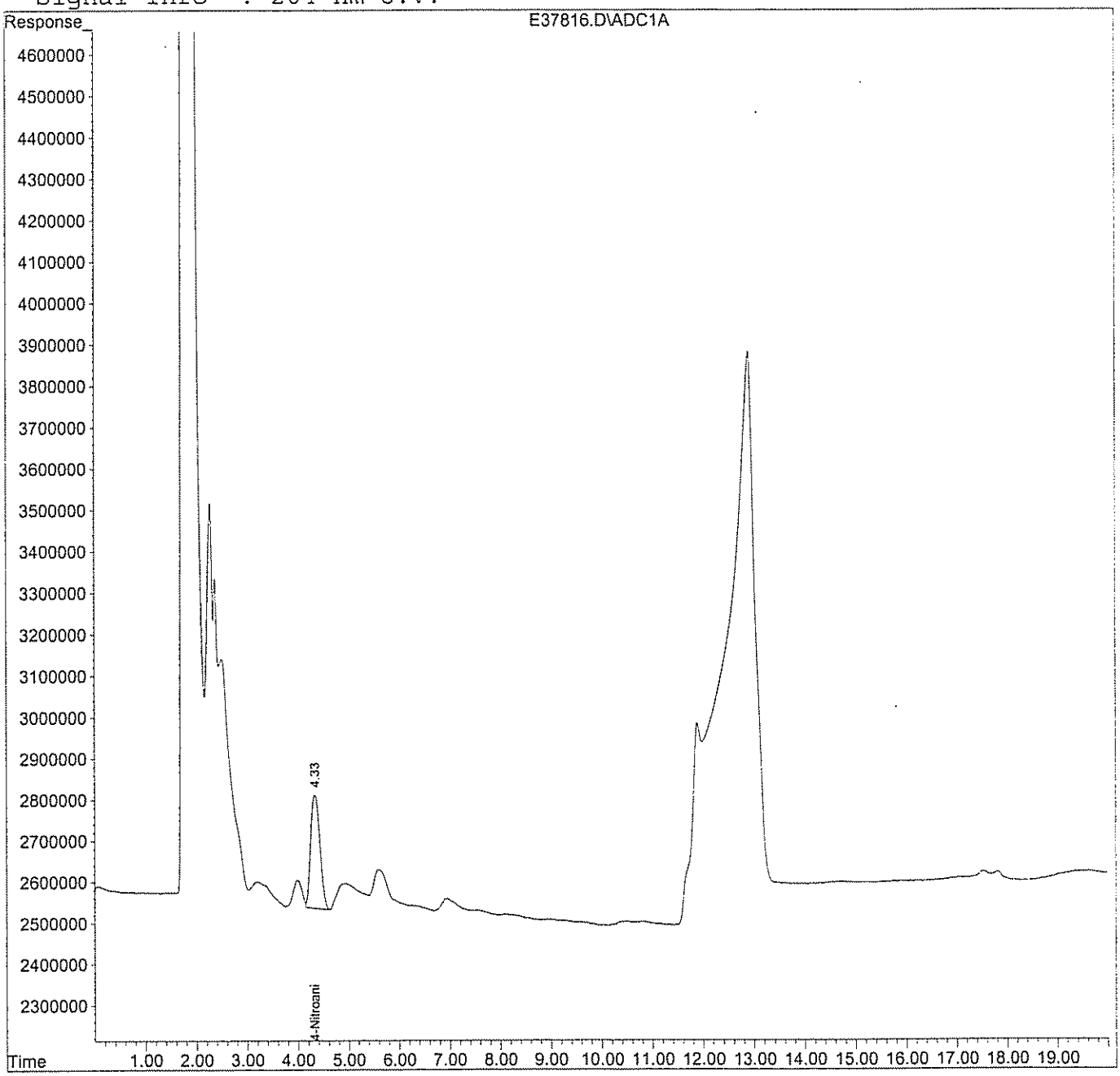
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37816.D Vial: 32
Acq On : 21 Sep 2006 4:25 Operator: ST.
Sample : 608187-001-014-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:35 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0036

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-002-015-1/1
Sample Volume :	10	Lab File ID :	E37817.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37817.D Vial: 33
Acq On : 21 Sep 2006 4:46 Operator: ST.
Sample : 608187-002-015-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:35 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.32	36140165	140.176	PPB
Spiked Amount 300.000	Recovery = 46.73%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

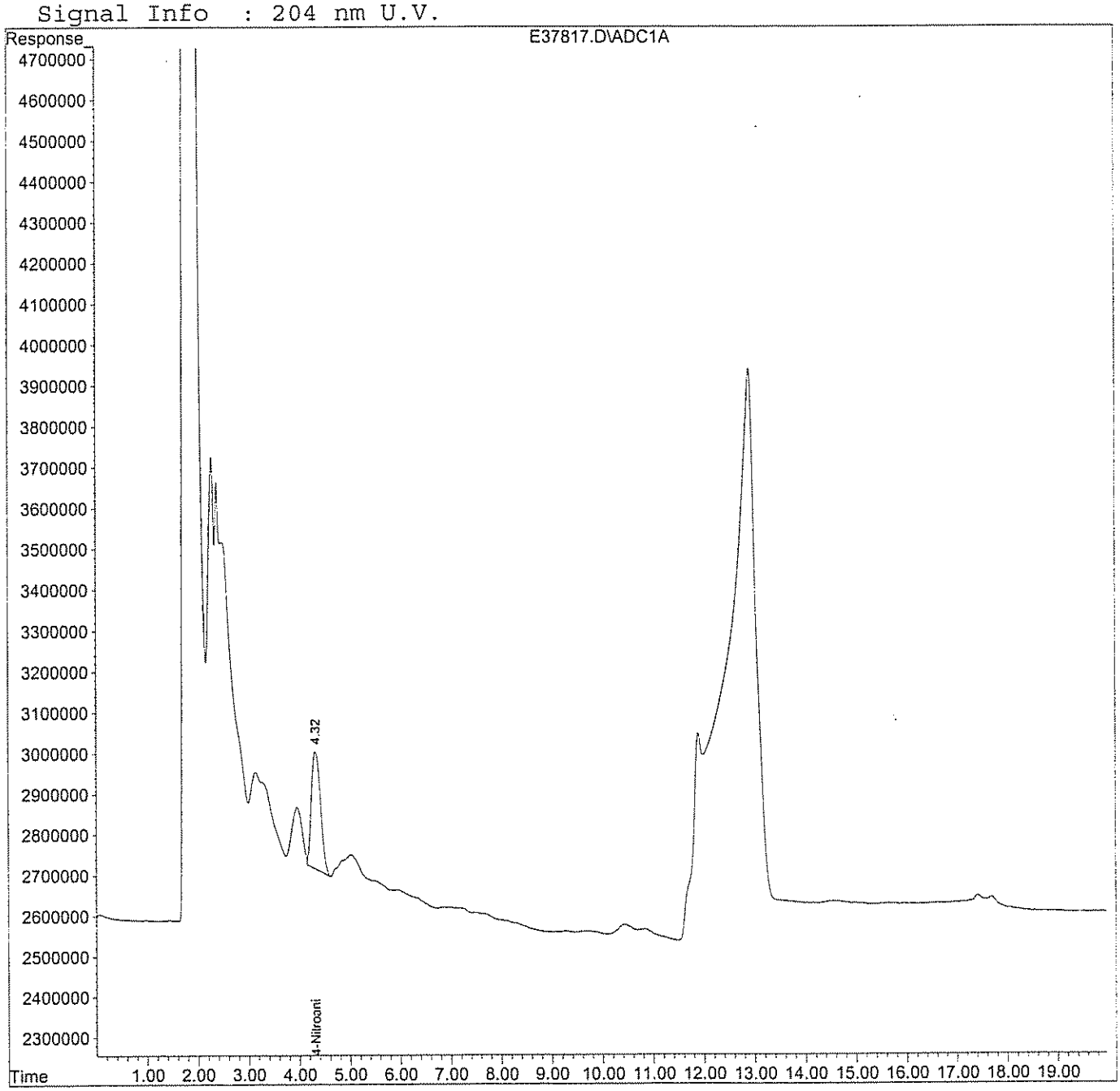
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37817.D Vial: 33
Acq On : 21 Sep 2006 4:46 Operator: ST.
Sample : 608187-002-015-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:35 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0037

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-003-016-1/1
Sample Volume :	10.01	Lab File ID :	E37818.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37818.D Vial: 34
Acq On : 21 Sep 2006 5:08 Operator: ST.
Sample : 608187-003-016-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.32	35820406	138.936	PPB
Spiked Amount 300.000	Recovery = 46.31%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

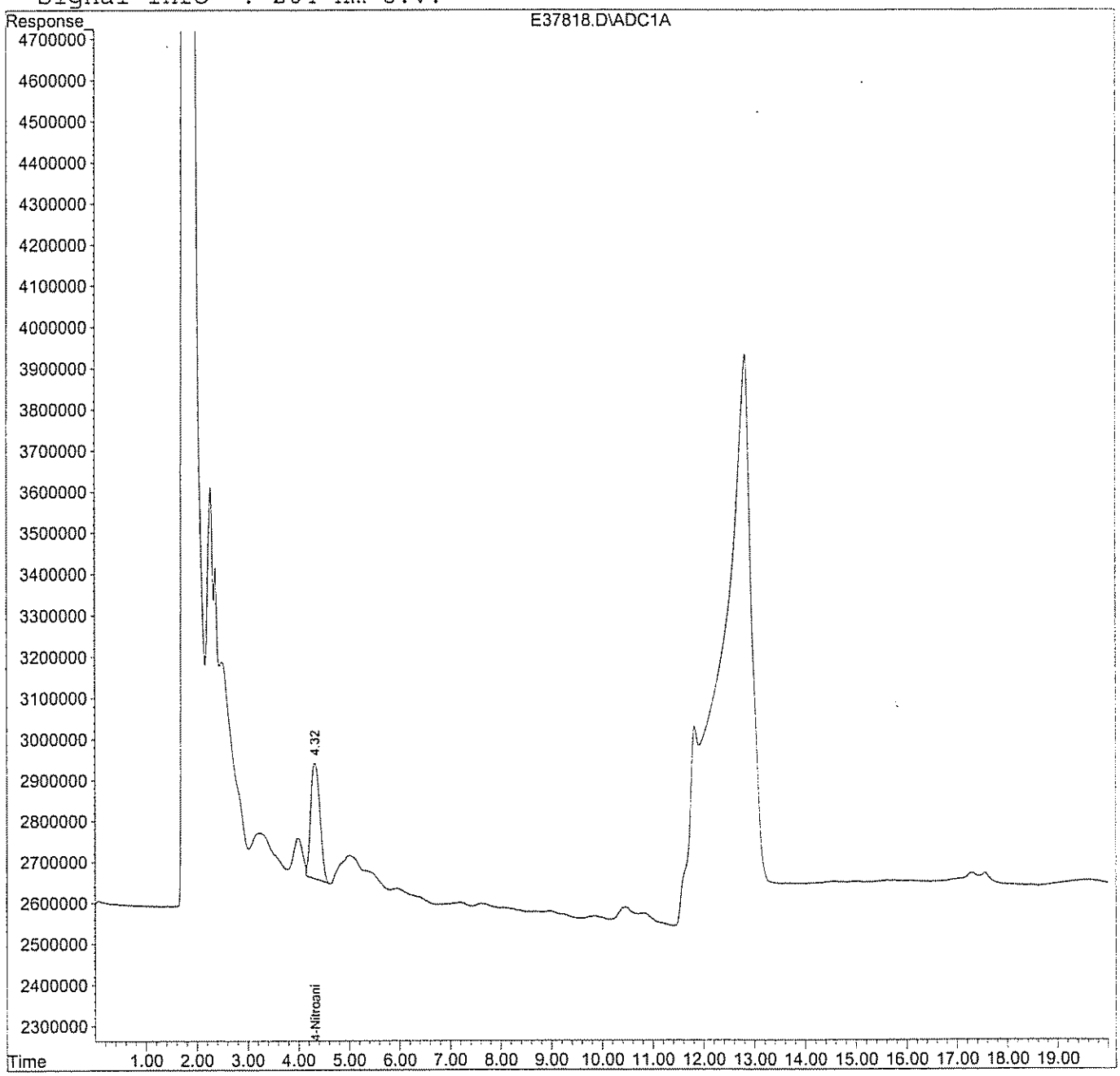
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37818.D Vial: 34
Acq On : 21 Sep 2006 5:08 Operator: ST.
Sample : 608187-003-016-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-0038

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-004-017-1/1
Sample Volume :	10	Lab File ID :	E37819.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37819.D Vial: 35
Acq On : 21 Sep 2006 5:29 Operator: ST.
Sample : 608187-004-017-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.32	33526407	130.039	PPB
Spiked Amount 300.000		Recovery =	43.35%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

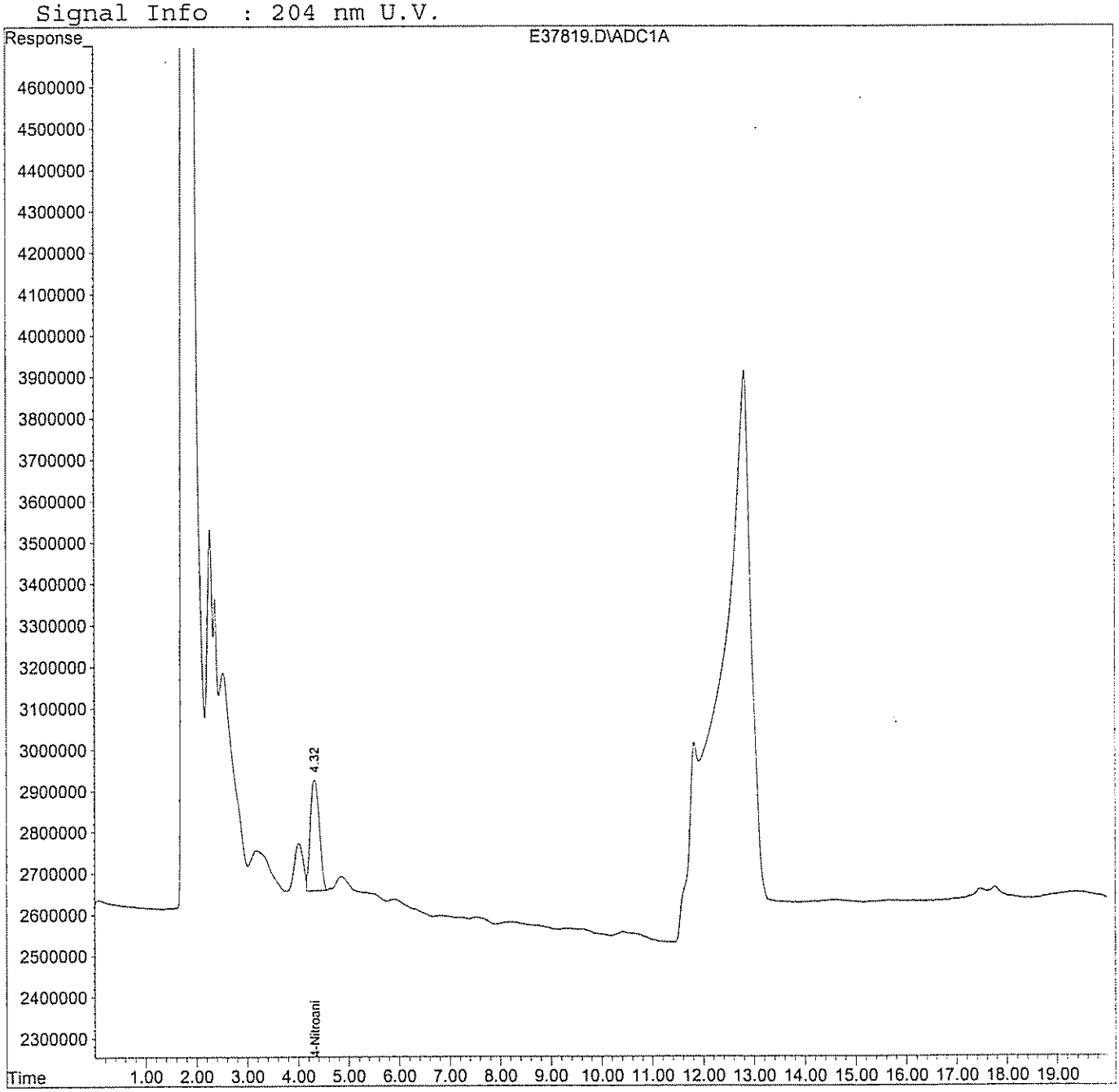
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37819.D Vial: 35
Acq On : 21 Sep 2006 5:29 Operator: ST.
Sample : 608187-004-017-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-037-1008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-005-004-1/3
Sample Volume :	10	Lab File ID :	E37820.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37820.D Vial: 36
Acq On : 21 Sep 2006 5:50 Operator: ST.
Sample : 608187-005-018-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.32	32870329	127.494	PPB
Spiked Amount 300.000		Recovery =	42.50%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

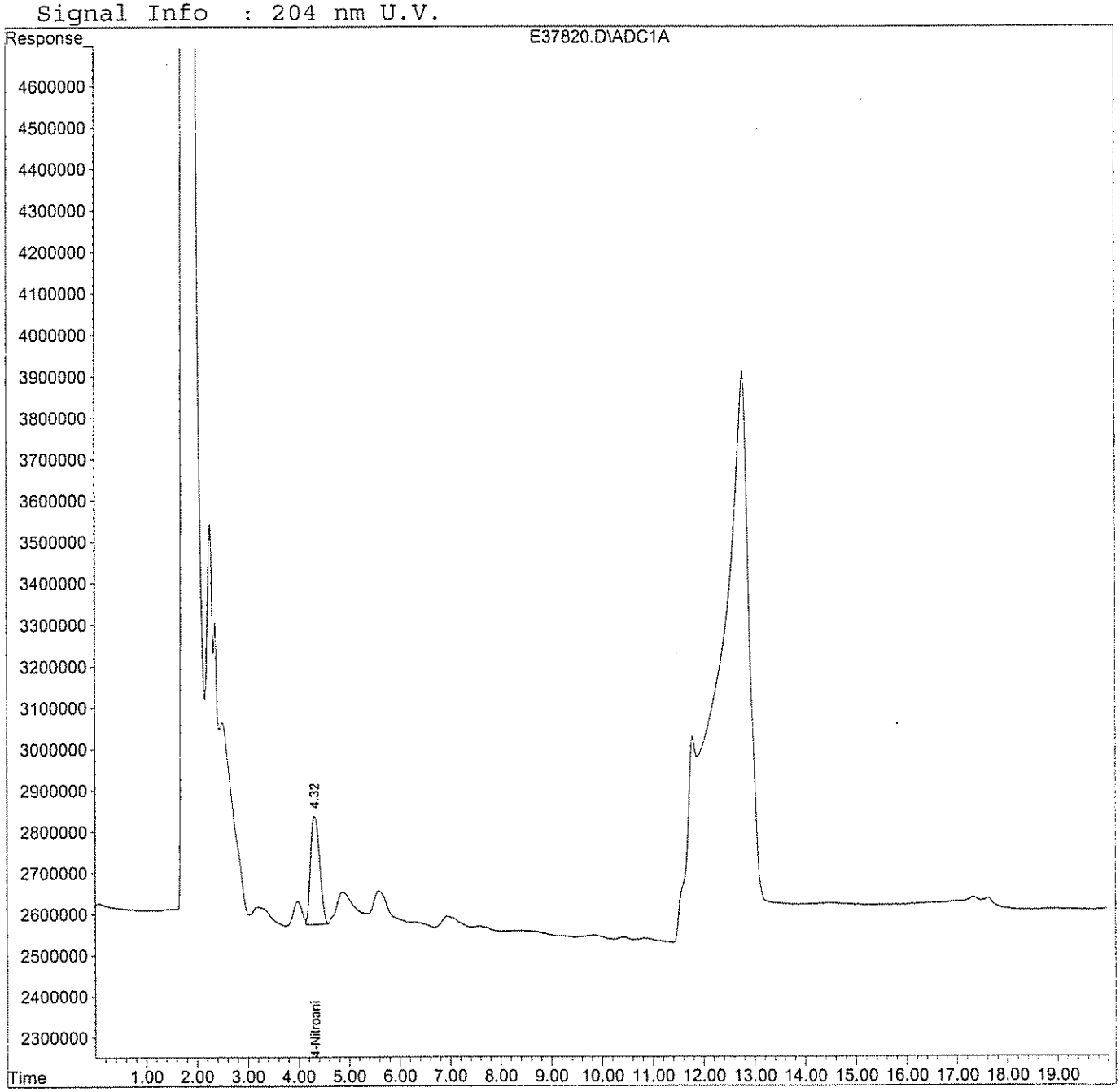
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37820.D Vial: 36
Acq On : 21 Sep 2006 5:50 Operator: ST.
Sample : 608187-005-018-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:36 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0032

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-007-022-1/1
Sample Volume :	10	Lab File ID :	E37824.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37824.D Vial: 40
Acq On : 21 Sep 2006 7:16 Operator: ST.
Sample : 608187-007-022-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:28 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.32	32014934	124.176	PPB
Spiked Amount 300.000	Recovery = 41.39%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

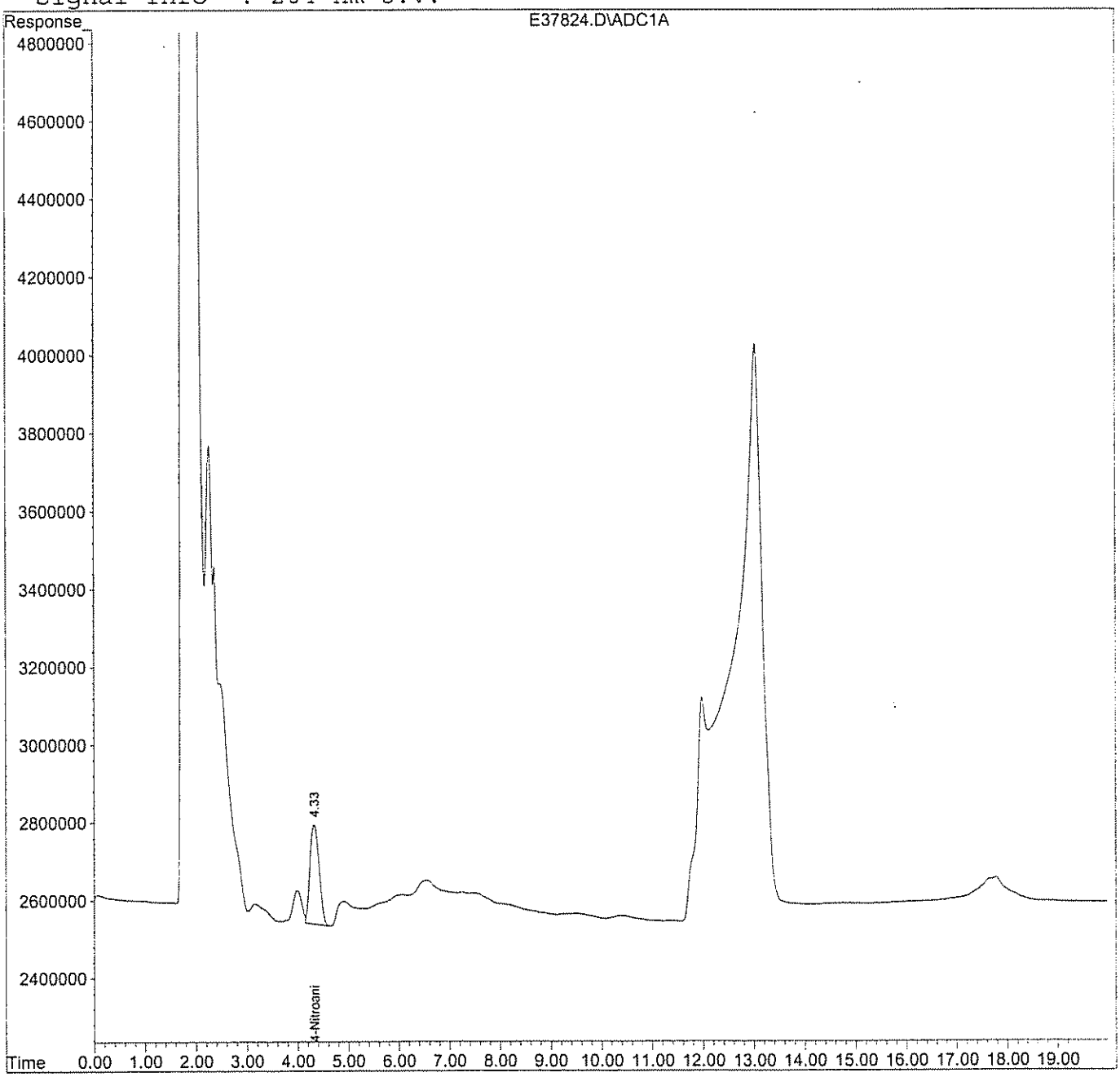
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37824.D Vial: 40
Acq On : 21 Sep 2006 7:16 Operator: ST.
Sample : 608187-007-022-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:28 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0031

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-008-023-1/1
Sample Volume :	10.01	Lab File ID :	E37825.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37825.D Vial: 41
Acq On : 21 Sep 2006 7:37 Operator: ST.
Sample : 608187-008-023-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:29 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.33	30989445	120.198	PPB
Spiked Amount 300.000		Recovery =	40.07%	
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

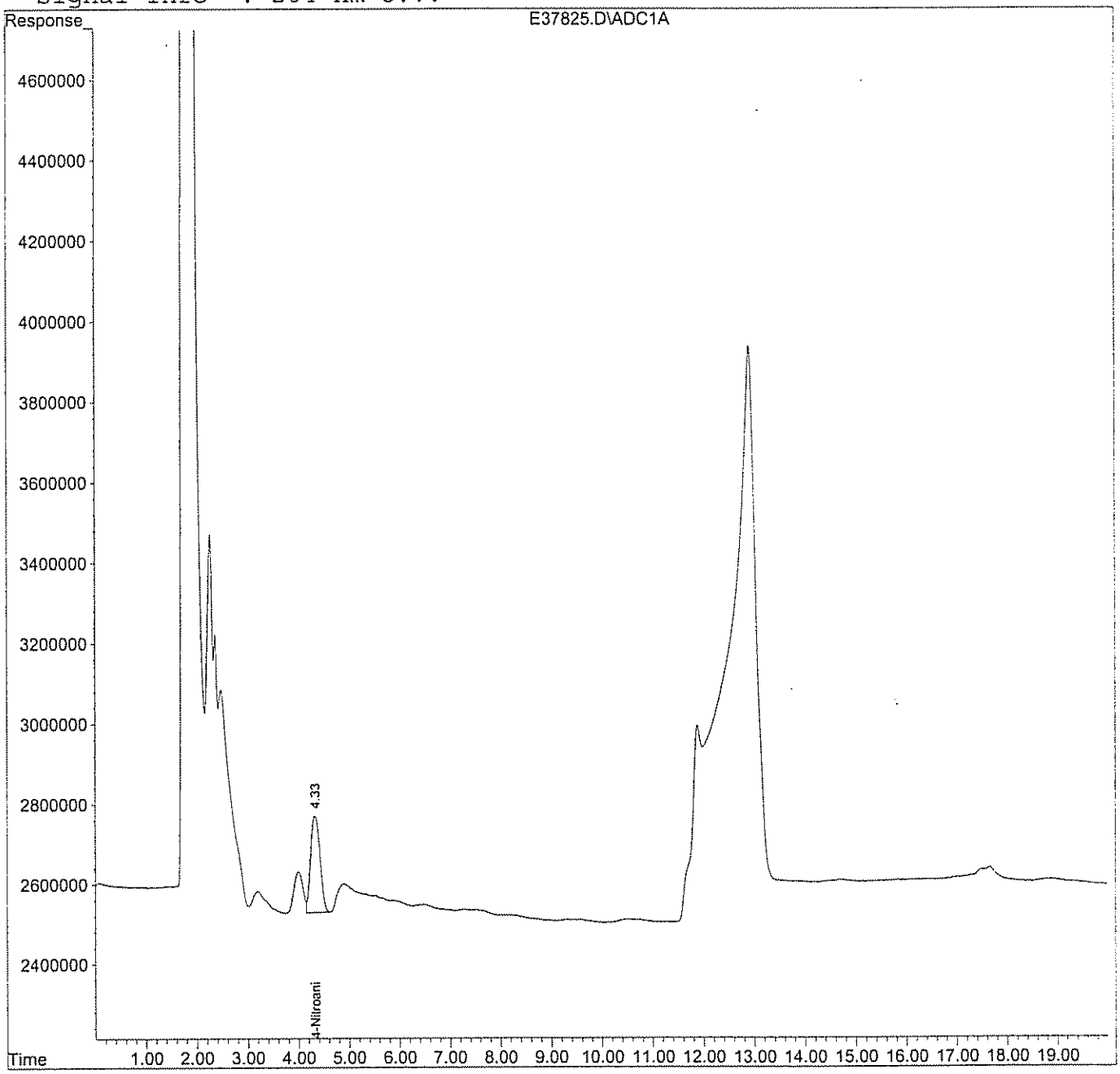
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37825.D Vial: 41
Acq On : 21 Sep 2006 7:37 Operator: ST.
Sample : 608187-008-023-1/1 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:29 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-0033

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	608187-013-024-1/1
Sample Volume :	1	Lab File ID :	E37826.D
% Moisture:		Date Received	08/31/2006
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	1 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.050	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37826.D Vial: 42
Acq On : 21 Sep 2006 7:58 Operator: ST.
Sample : 608187-013-ON HOLD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:29 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-Nitroaniline	4.33	32965727	127.864	PPB
Spiked Amount 300.000	Recovery = 42.62%			
Target Compounds				
2) T PETN	0.00	0	N.D.	PPB

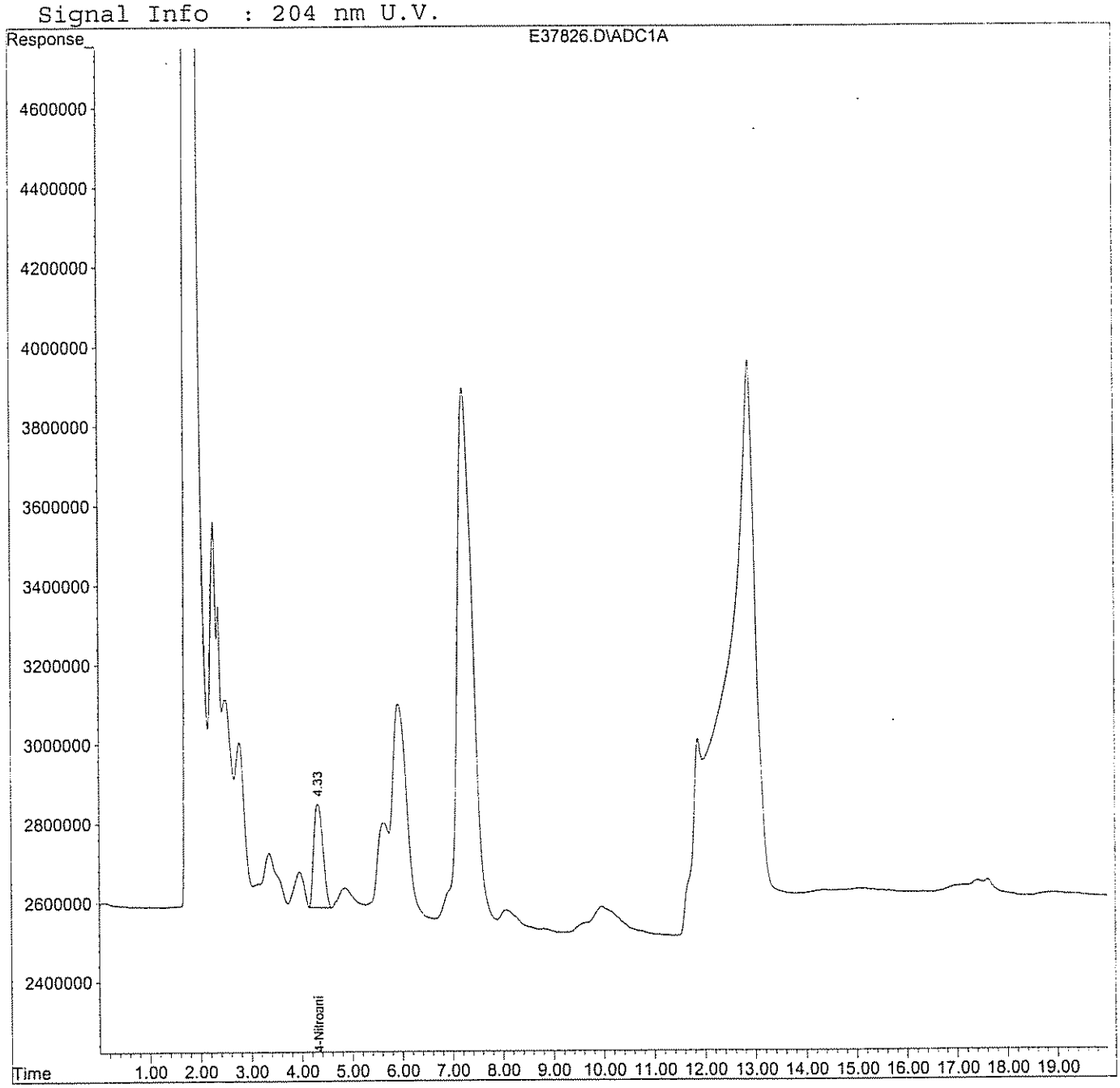
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37826.D Vial: 42
Acq On : 21 Sep 2006 7:58 Operator: ST.
Sample : 608187-013-ON HOLD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:29 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

Response Factor Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Wed Sep 20 13:06:16 2006

Calibration Files
LEV1 =E37777.D LEV2 =E37778.D LEV3 =E37779.D
LEV4 =E37780.D LEV5 =E37781.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg		%RSD
1)	S	4-Nitroaniline	2.788	2.626	2.504	2.519	2.453	2.578	E5	5.17
2)	T	PETN	1.715	1.938	1.936	1.967	2.054	1.922	E5	6.51

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37776.D Vial: 1
Acq On : 20 Sep 2006 9:18 Operator: ST.
Sample : PETN BLK Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:49 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-Nitroaniline	0.00	0	N.D. PPB
Spiked Amount 300.000	Recovery	=	0.00%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

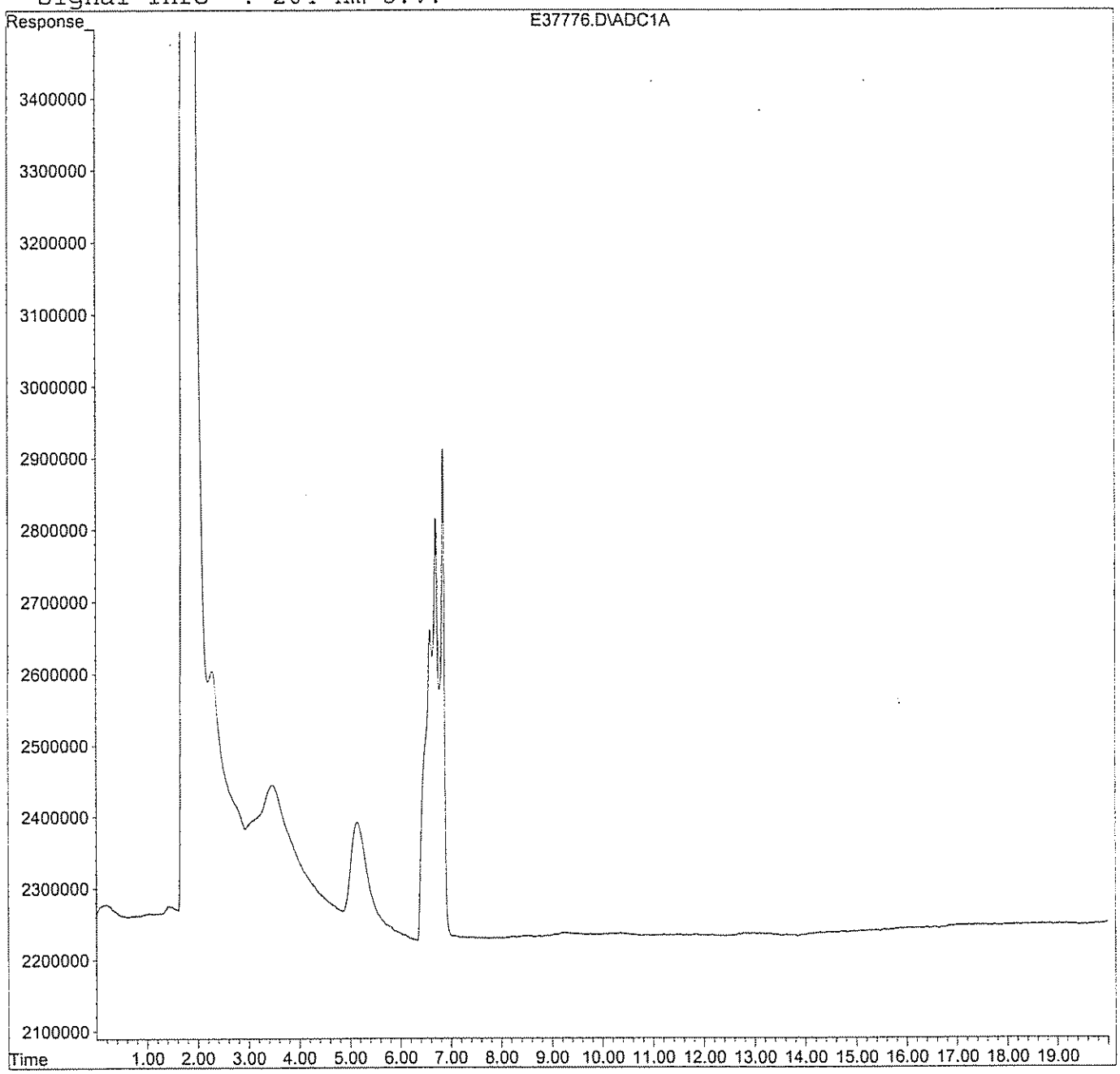
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37776.D Vial: 1
Acq On : 20 Sep 2006 9:18 Operator: ST.
Sample : PETN BLK Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:49 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37777.D Vial: 2
Acq On : 20 Sep 2006 9:39 Operator: ST.
Sample : PETN LEVEL-1 50PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.28	13942372	42.949	PPB	m
Spiked Amount 300.000		Recovery =	14.32%		
Target Compounds					
2) T PETN	17.08	8574675	49.843	PPB	m

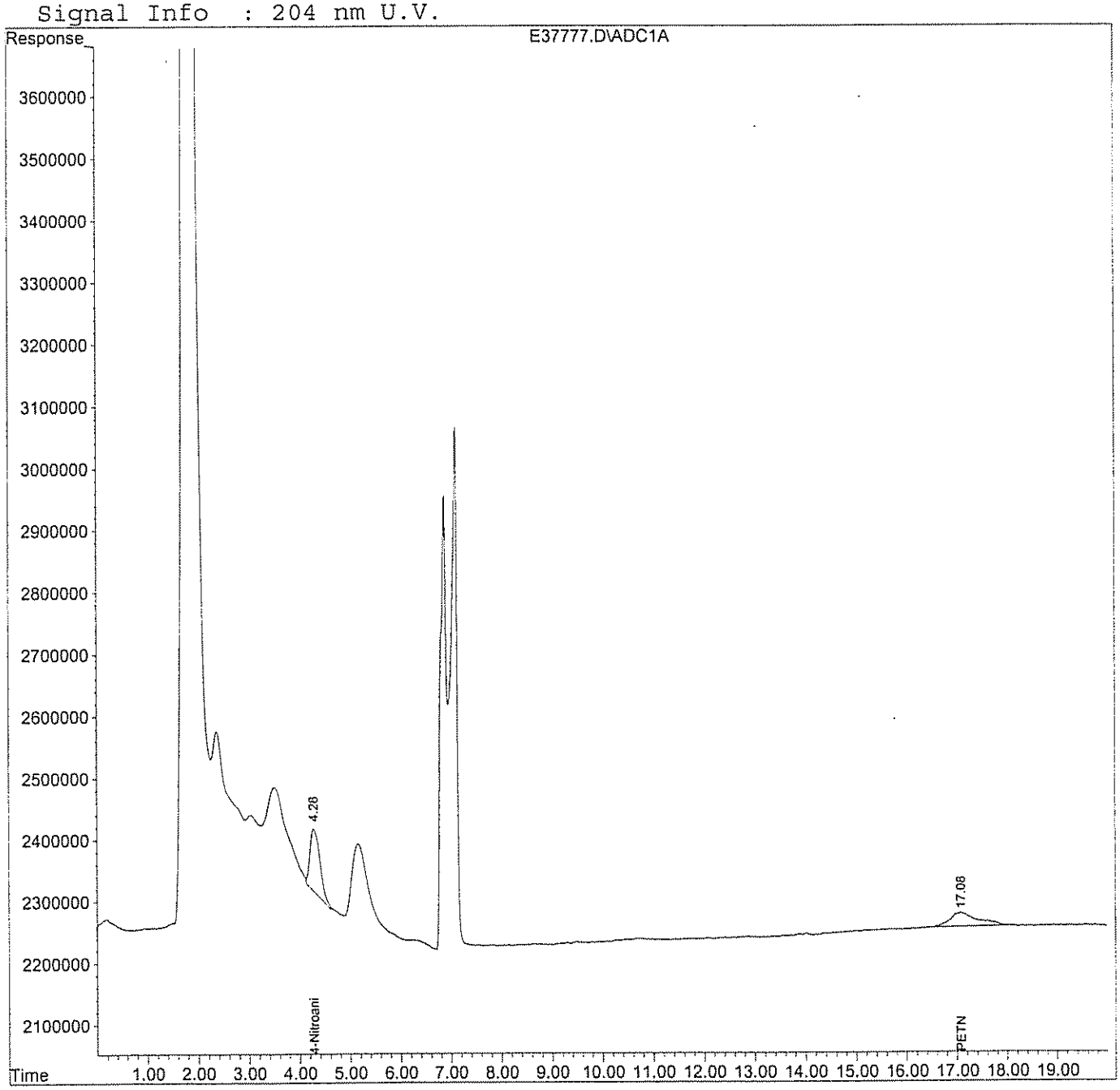
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37777.D Vial: 2
Acq On : 20 Sep 2006 9:39 Operator: ST.
Sample : PETN LEVEL-1 50PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37778.D Vial: 3
Acq On : 20 Sep 2006 10:00 Operator: ST.
Sample : PETN LEVEL-2 100PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:53 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.28	26263536	80.904	PPB	
Spiked Amount 300.000		Recovery =	26.97%		
Target Compounds					
2) T PETN	17.01	19383671	112.674	PPB	m

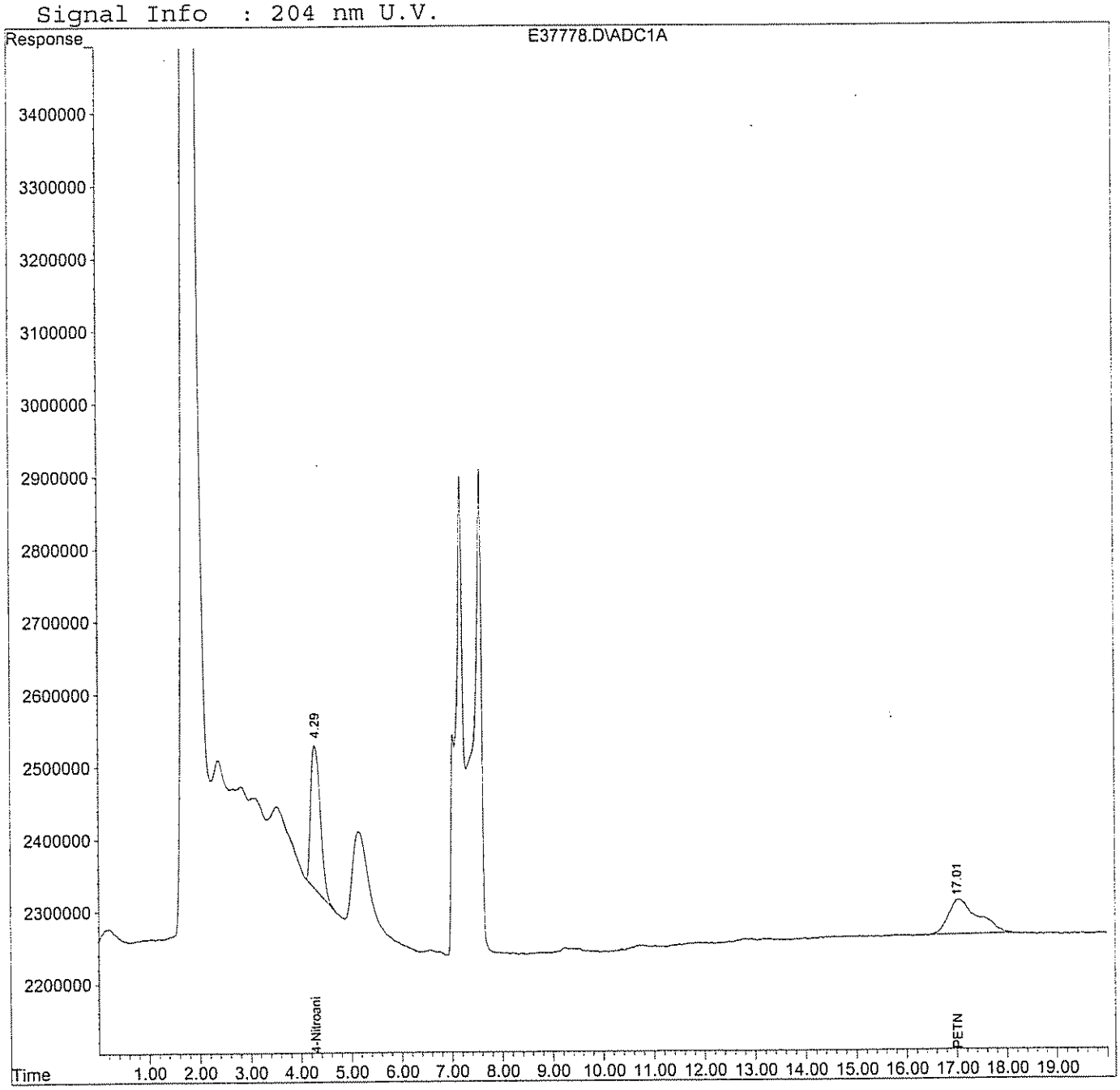
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37778.D Vial: 3
Acq On : 20 Sep 2006 10:00 Operator: ST.
Sample : PETN LEVEL-2 100PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:53 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37779.D Vial: 4
Acq On : 20 Sep 2006 10:22 Operator: ST.
Sample : PETN LEVEL-3 200PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:06 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	50070641	192.502	PPB	m
Spiked Amount 300.000		Recovery =	64.17%		
Target Compounds					
2) T PETN	17.05	38728102	201.268	PPB	m

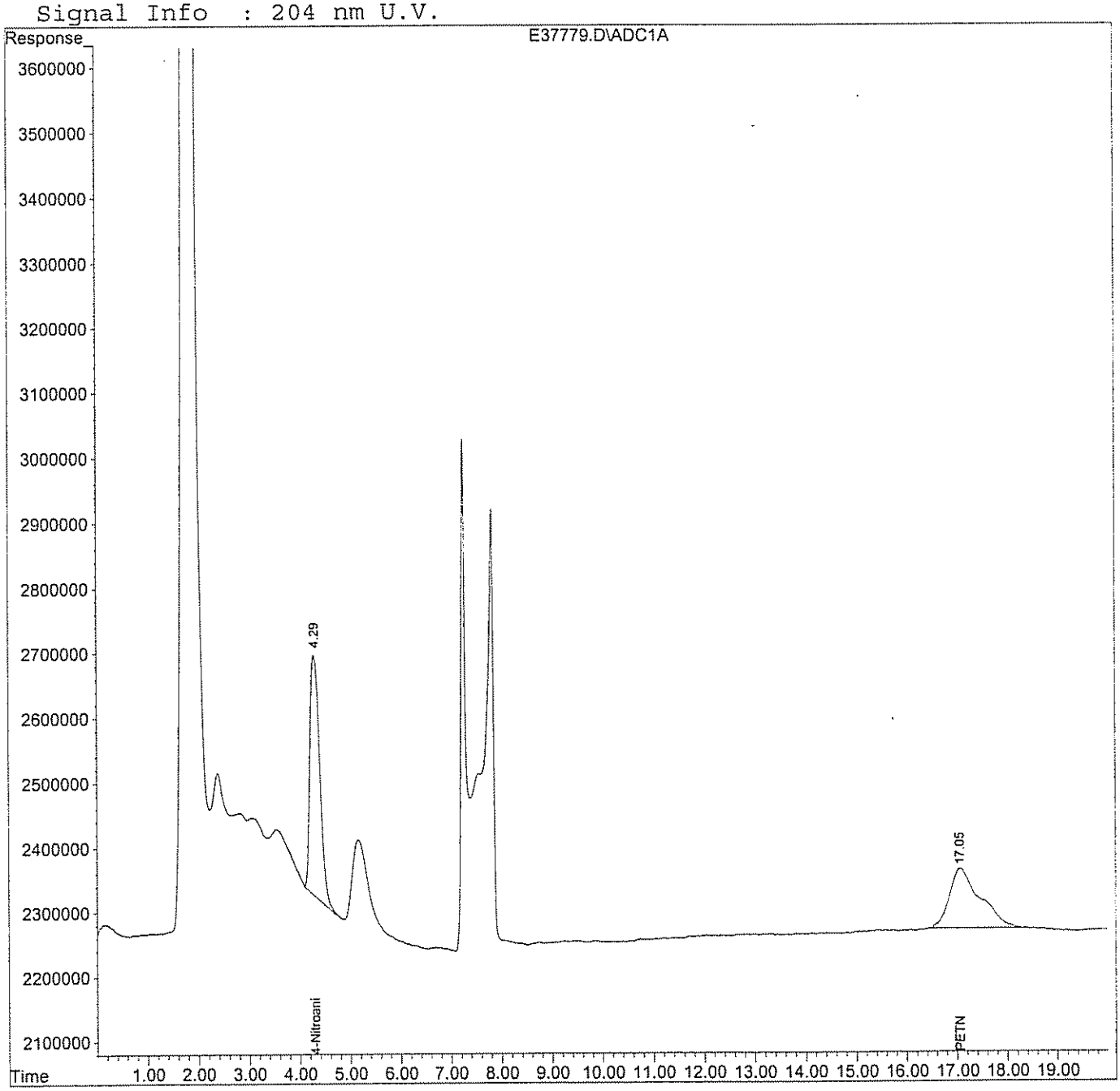
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37779.D Vial: 4
Acq On : 20 Sep 2006 10:22 Operator: ST.
Sample : PETN LEVEL-3 200PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:06 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37780.D Vial: 5
Acq On : 20 Sep 2006 10:43 Operator: ST.
Sample : PETN LEVEL-4 500PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:57 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.29	125966173	388.034	PPB	m
Spiked Amount 300.000		Recovery = 129.34%			
Target Compounds					
2) T PETN	17.07	98340090	571.636	PPB	m

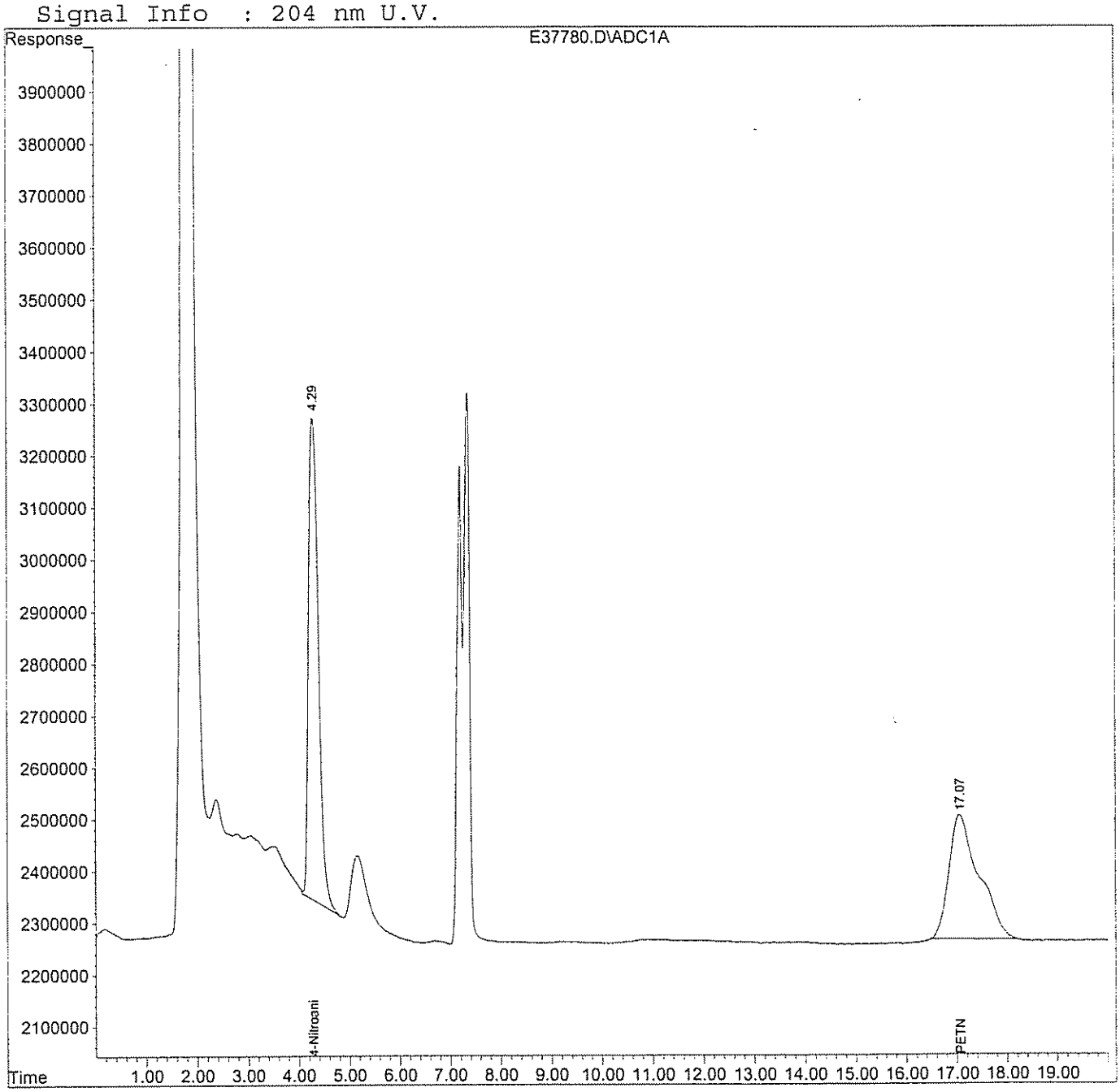
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37780.D Vial: 5
Acq On : 20 Sep 2006 10:43 Operator: ST.
Sample : PETN LEVEL-4 500PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:57 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37781.D Vial: 6
Acq On : 20 Sep 2006 11:04 Operator: ST.
Sample : PETN LEVEL-5 1000PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	245326842	755.720	PPB	m
Spiked Amount 300.000	Recovery = 251.91%				
Target Compounds					
2) T PETN	17.13f	203578311	1183.370	PPB	m

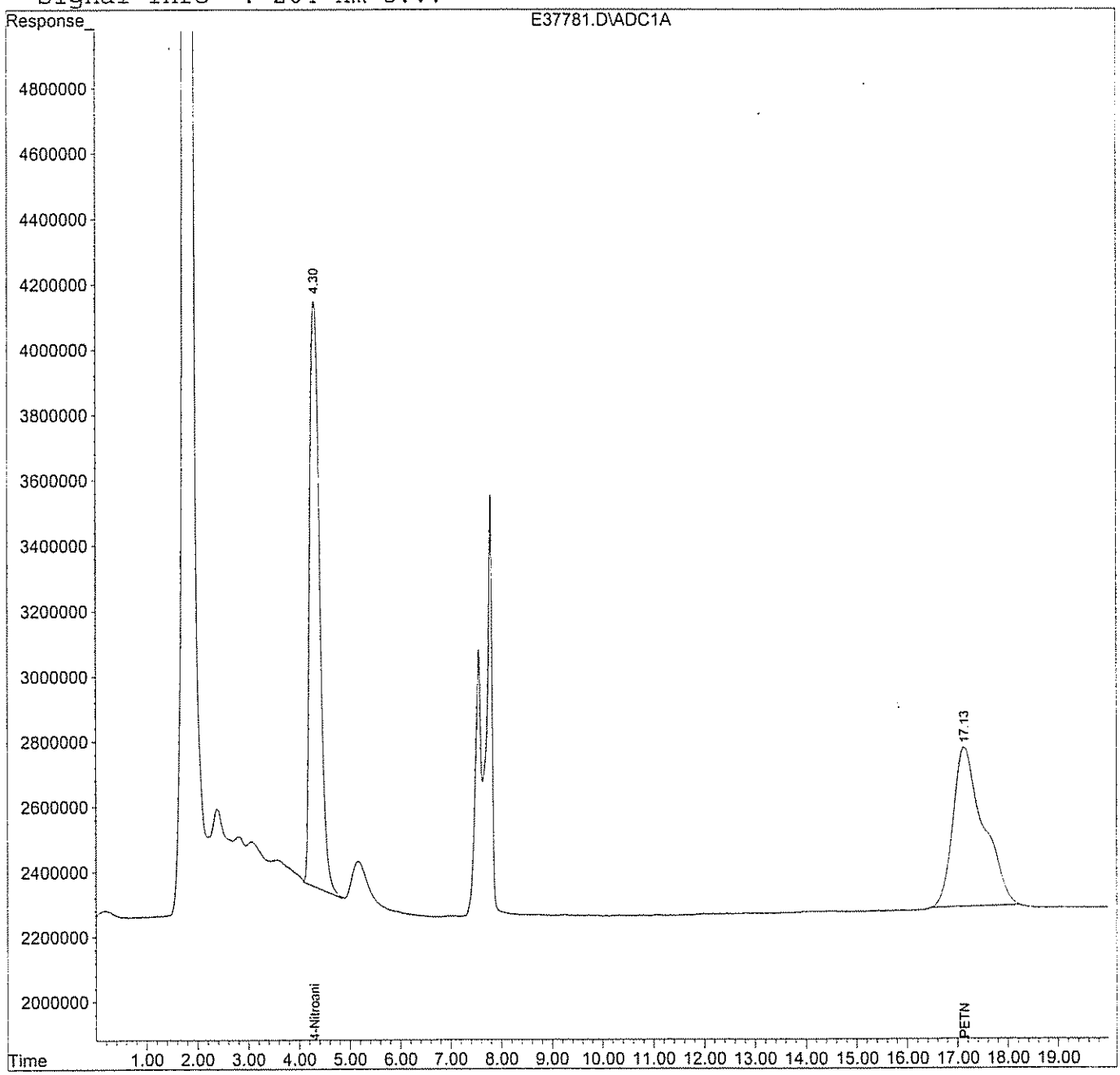
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37781.D Vial: 6
Acq On : 20 Sep 2006 11:04 Operator: ST.
Sample : PETN LEVEL-5 1000PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092006\E37782.D Vial: 7
Acq On : 20 Sep 2006 11:26 Operator: ST.
Sample : PETN ICV- 10PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.30	56124083	215.776	PPB	m
Spiked Amount 300.000		Recovery = 71.93%			
Target Compounds					
2) T PETN	17.11f	38884300	202.080	PPB	m

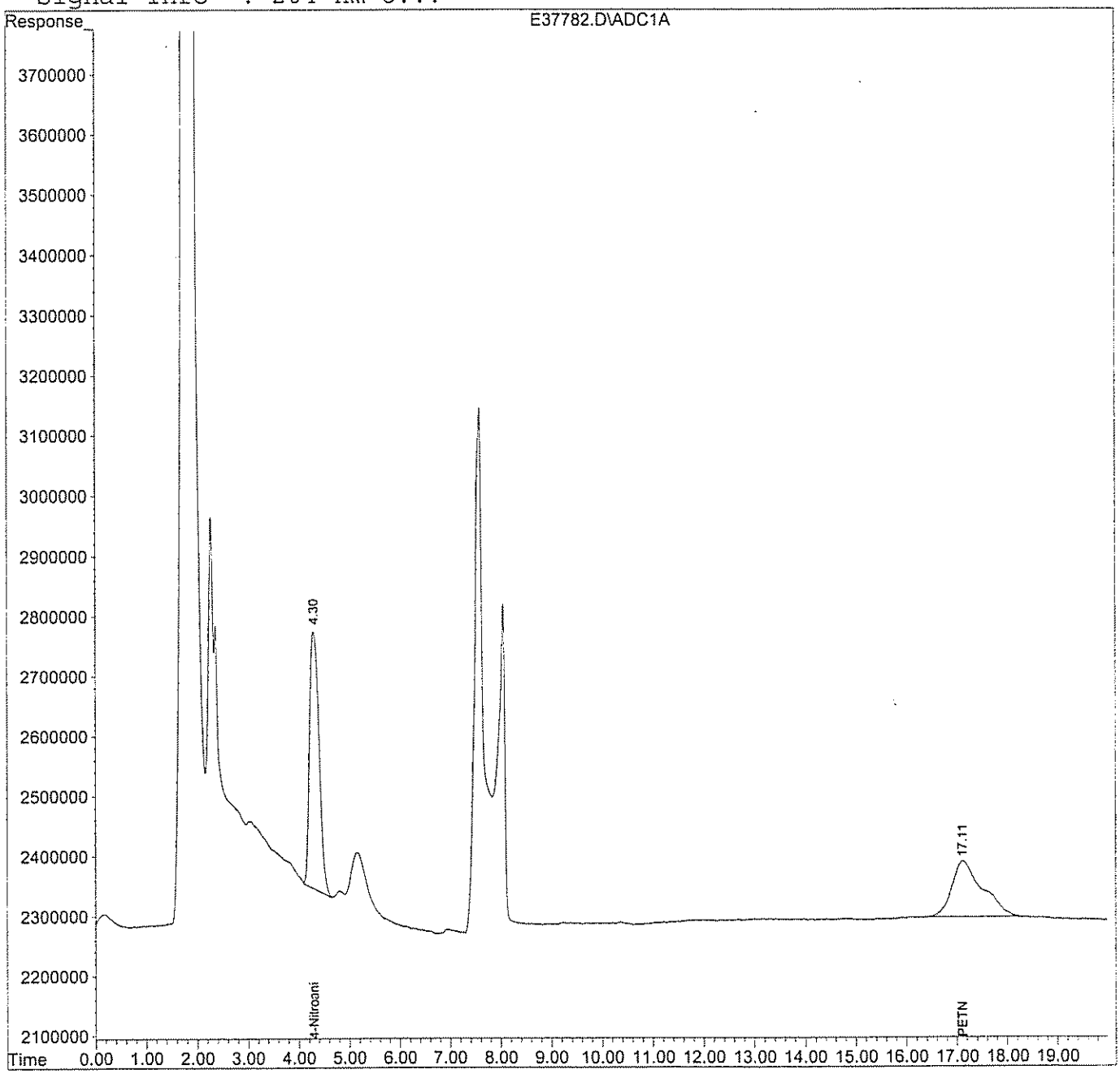
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092006\E37782.D Vial: 7
Acq On : 20 Sep 2006 11:26 Operator: ST.
Sample : PETN ICV- 10PPM Inst : LCC-FL
Misc : INIT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 20 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Fri Sep 22 12:59:27 2006
Response via : Initial Calibration

Continuing Calibration File: E37810.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	229.624	E3	10.9	92
2	T	PETN	192.201	215.987	E3	-12.4	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E37810.D 6920PETN.M Fri Sep 22 12:59:33 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37810.D Vial: 26
Acq On : 21 Sep 2006 2:17 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.32	45924858	178.128	PPB	m
Spiked Amount 300.000	Recovery = 59.38%				
Target Compounds					
2) T PETN	17.25f	43197328	224.751	PPB	m

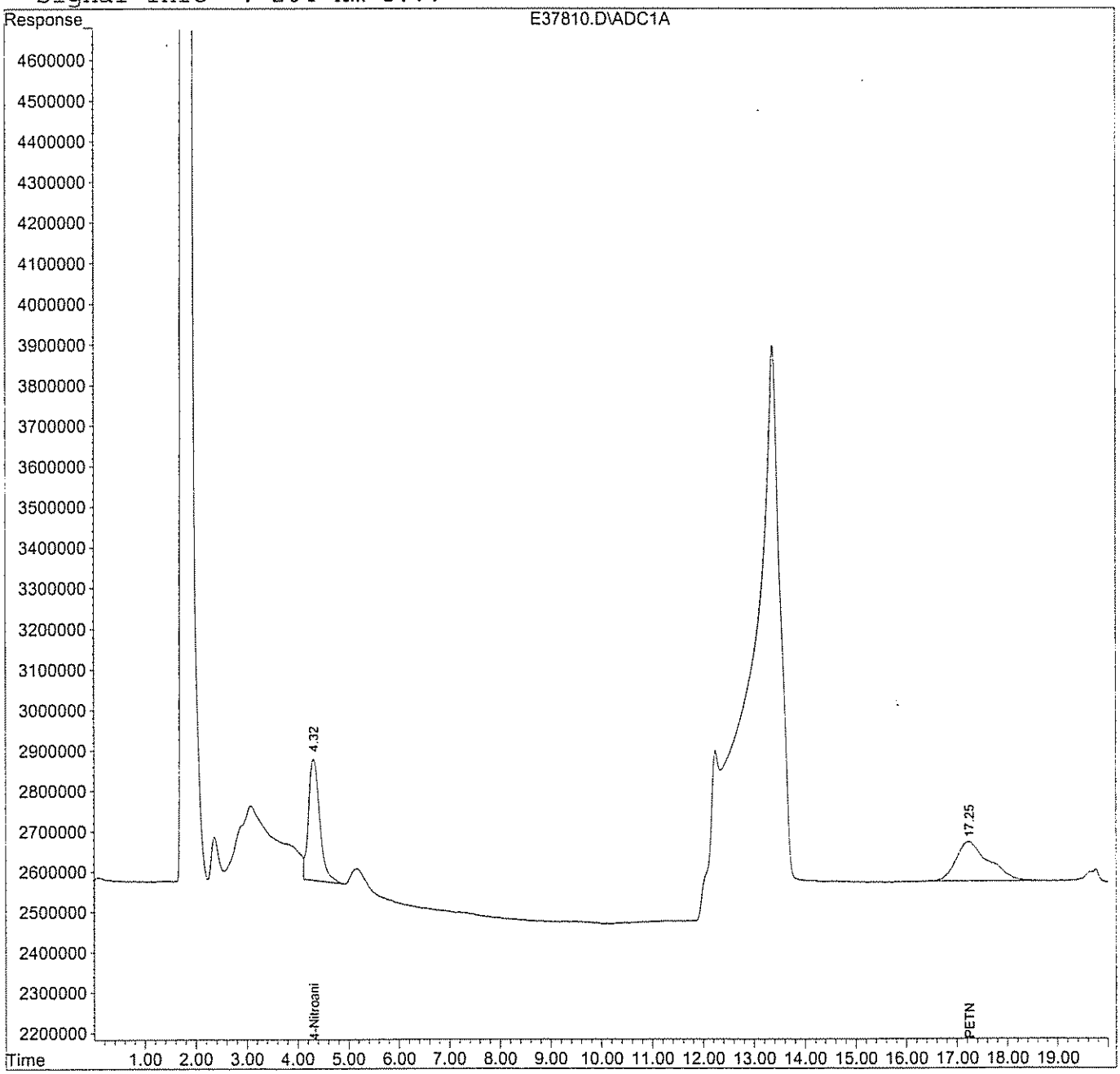
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37810.D Vial: 26
Acq On : 21 Sep 2006 2:17 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 12:59 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Fri Sep 22 13:05:44 2006
Response via : Initial Calibration

Continuing Calibration File: E37828.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	222.972	E3	13.5	89
2	T	PETN	192.201	207.057	E3	-7.7	107

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E37828.D 6920PETN.M Fri Sep 22 13:05:47 2006 RPT Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37828.D Vial: 44
Acq On : 21 Sep 2006 8:41 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 9:20 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.32	44594433	172.968	PPB	m
Spiked Amount 300.000		Recovery =	57.66%		
Target Compounds					
2) T PETN	17.27	41411418	215.459	PPB	m

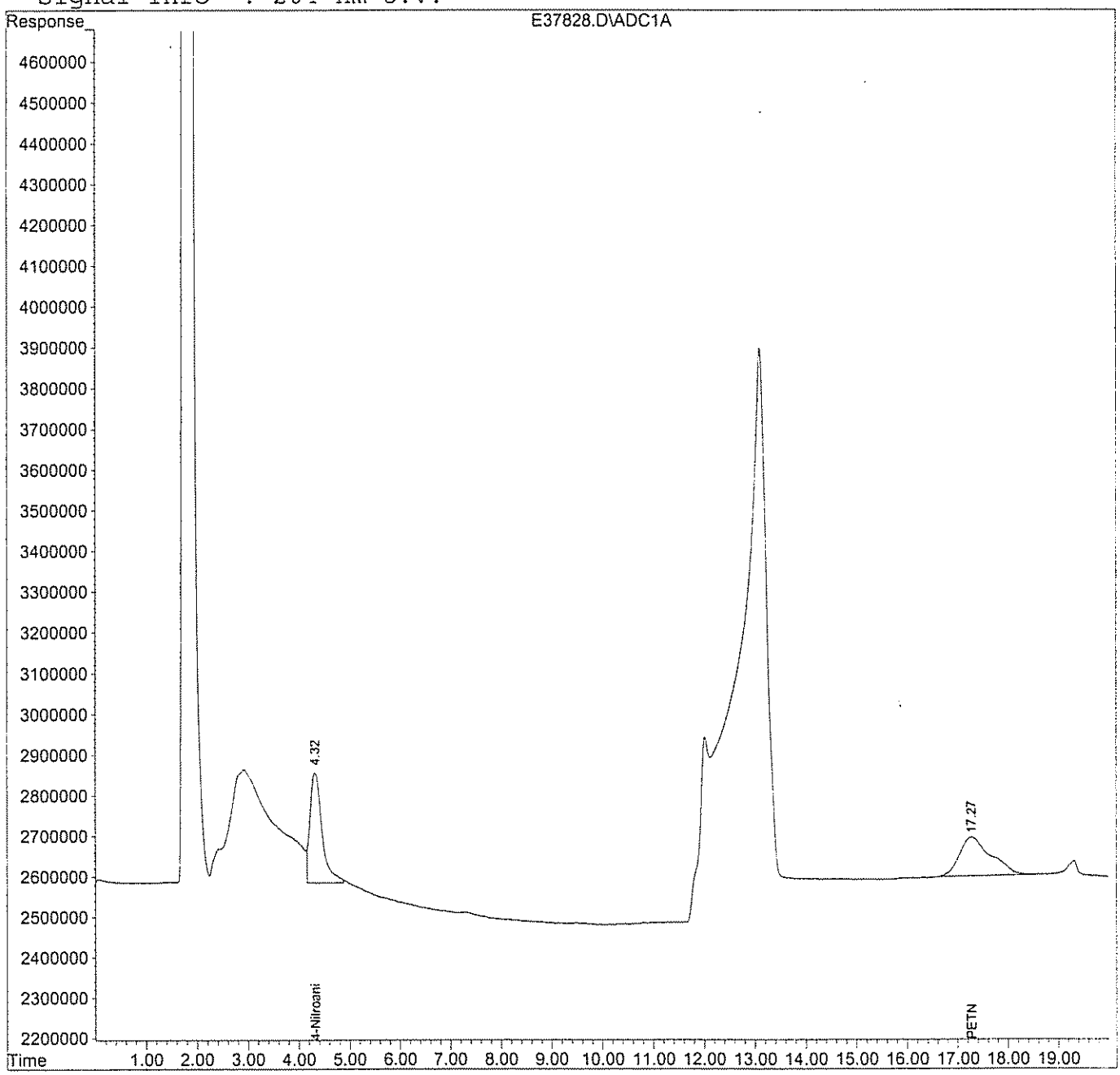
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37828.D Vial: 44
Acq On : 21 Sep 2006 8:41 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 9:20 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37840.D Vial: 8
Acq On : 21 Sep 2006 12:58 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.32	49262183	191.073	PPB	m
Spiked Amount 300.000	Recovery = 63.69%				
Target Compounds					
2) T PETN	17.19f	41543887	216.148	PPB	m

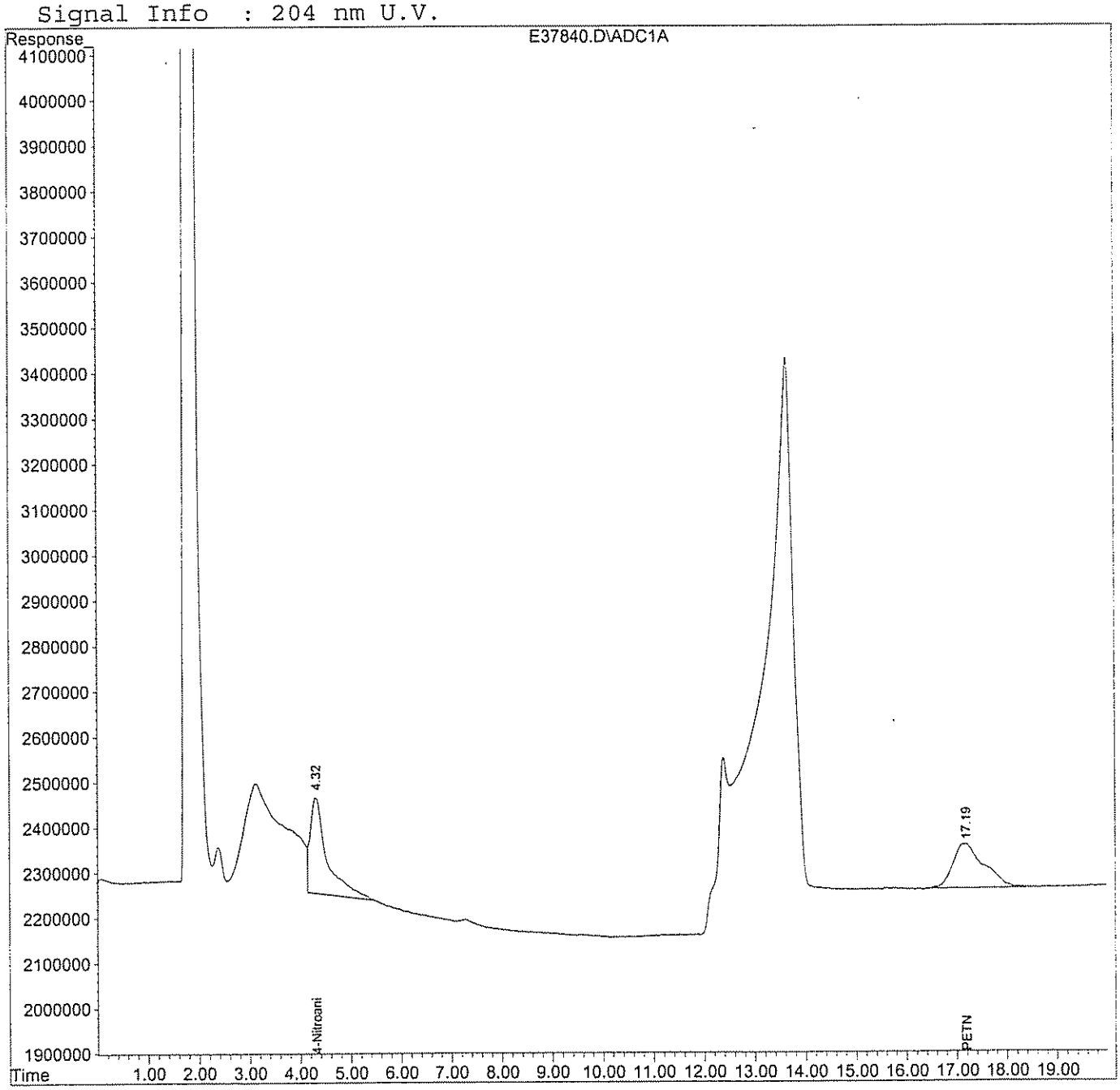
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\0920A06\E37840.D Vial: 8
Acq On : 21 Sep 2006 12:58 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 22 13:02 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Multiple Level Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration

Continuing Calibration File: E37840.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	S	4-Nitroaniline	257.819	246.311	E3	4.5	98
2	T	PETN	192.201	207.719	E3	-8.1	107

(#) = Out of Range SPCC's out = 0 CCC's out = 0

D. Raw QC Data

1. Blank Data
2. Matrix Spike Data
3. Matrix Spike Duplicate Data
4. Laboratory Control Standard Data (where applicable)
5. Extraction Logsheet
6. Injection Logsheet

GPL Laboratories

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93644

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	608187
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93644
Sample Volume :	10	Lab File ID :	E37812.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/07/2006
Extract Volume:	40 mL	Date Analyzed	09/21/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	0.20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\0920A06\E37812.D Vial: 28
Acq On : 21 Sep 2006 3:00 Operator: ST.
Sample : BLK93644 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 21 8:32 2006 Quant Results File: 6920PETN.RES

Quant Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Tue Aug 22 15:43:27 2006
Response via : Initial Calibration
DataAcq Meth : PETN.M

Volume Inj. : 100 uL
Signal Phase : LC-18
Signal Info : 204 nm U.V.

Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-Nitroaniline	4.33	48032222	186.302	PPB	m
Spiked Amount 300.000	Recovery = 62.10%				
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	d

(f)=RT Delta > 1/2 Window (m)=manual int.