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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.162	0.710	0.040	T 456.400	T 16930.000	T 16860.000	TM 67770.000	T 693.900	7059.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.318%	TM 8754.000	T 401.600	T 306.200	-27720.000	TM 2871.000	TM 98470.000	92.000	111.200
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		138.800	88.760	1.139	0.011	0.666	39.060	117.649%	0.247	0.117
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.166	0.041	0.918	92.324%	3.094	0.022	0.038	164.800	12.920
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.910%	0.053	0.058	4.450	89.196%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.102	4.659	76.790	T 1347.000	T 18400.000	T 18270.000	TM 78320.000	T 1545.000	7934.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		112.429%	TM 9003.000	T 439.200	T 352.700	-28300.000	TM 2948.000	TM 101800.000	129.800	160.600
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		182.900	163.600	7.901	-0.042	6.858	115.400	115.696%	30.240	9.199
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-2.084	9.274	10.240	90.925%	48.180	1.474	1.809	266.500	13.020
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.700%	10.470	10.640	105.600	86.910%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.110	5.041	99.590	T9861.000	T9886.000	T9837.000	T5024.000	T9715.000	9642.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.037%	48.650	48.010	49.310	-29540.000	48.680	T5067.000	48.300	49.720
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.580	49.820	49.890	-0.113	48.850	50.480	85.832%	50.430	49.900
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.976	49.870	49.650	87.579%	51.100	51.480	51.380	50.080	0.053
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.340%	50.700	50.480	49.460	89.795%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.018	-0.433	0.632	1.327	1.586	0.981	3.187	1.895
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.654%	0.001	0.463	0.599	-437.100	0.030	3.295	0.008	-0.007
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.010	-0.375	0.187	0.015	-0.655	0.016	92.592%	0.075	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		0.039	0.006	-0.003	95.192%	0.047	0.002	0.020	0.005	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.073%	0.231	0.228	0.011	94.994%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.437	4.893	79.470	T 1613.000	T 19490.000	T 19350.000	TM 83890.000	T 1645.000	8856.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.010%	TM 9709.000	T 464.400	T 370.900	-29500.000	TM 3049.000	TM 107000.000	135.100	167.900
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		190.400	170.700	7.673	-0.012	6.995	124.000	117.058%	31.890	9.606
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-2.344	9.640	10.620	90.302%	51.690	1.659	1.896	296.700	13.720
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.835%	11.120	11.170	111.400	86.034%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.911	8.809	59.770	T 4744.000	TM 20440.000	TM 20330.000	TM 66150.000	T 4875.000	10760.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.163%	TM 8400.000	T 406.200	T 311.900	-24400.000	TM 2856.000	TM 97860.000	112.600	140.900
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		157.900	144.300	61.590	-0.056	50.420	53.950	113.952%	26.150	37.780
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.968	37.870	23.790	89.591%	109.400	81.810	85.390	179.300	12.480
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.411%	107.500	107.600	87.290	87.474%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.455	0.133	0.912	93.150	T 3886.000	T 3811.000	TM 15420.000	152.500	1636.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.441%	M 1556.000	86.670	71.990	-20780.000	T 659.000	TM 22880.000	22.250	27.300

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		34.860	24.010	0.642	0.099	0.169	9.470	100.035%	0.072	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		-0.310	0.031	0.216	96.292%	0.711	0.018	0.049	32.710	2.607

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.911%	0.373	0.425	0.899	95.930%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.237	0.363	-0.744	211.100	T 9083.000	T 9028.000	TM 36450.000	345.400	3771.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.378%	M 3810.000	198.300	162.900	-22250.000	TM 1545.000	TM 53400.000	50.490	61.830

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		77.510	49.230	0.967	0.050	0.641	21.540	105.959%	0.129	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		-0.763	0.023	0.456	93.722%	1.621	0.003	0.018	80.420	6.498

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.936%	0.172	0.179	2.192	91.998%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.950	2.684	42.130	T 729.700	T 10040.000	T 10040.000	TM 43250.000	T 846.900	4450.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.088%	M 3997.000	220.600	187.500	-20200.000	TM 1636.000	TM 56580.000	73.190	90.990

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.600	96.990	4.871	0.041	4.107	65.540	104.759%	16.340	4.846

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.066	4.865	5.461	92.759%	24.670	0.728	0.922	134.500	6.290

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.271%	5.181	5.286	52.800	91.129%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.183	2.776	44.700	T 889.000	T 10880.000	T 10870.000	TM 46980.000	T 905.300	5043.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.489%	TM 4509.000	T 254.700	203.500	-20320.000	TM 1731.000	TM 61340.000	78.250	97.350

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.300	103.900	5.027	0.044	4.399	72.320	105.943%	17.800	5.130

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.078	5.158	5.693	93.502%	26.270	0.871	1.028	152.900	7.111

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.772%	5.619	5.578	56.510	91.362%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.214	9.420	64.800	T 4904.000	T 13520.000	T 13480.000	TM 36900.000	T 4974.000	8185.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.824%	M 3828.000	215.800	179.400	-18440.000	TM 1616.000	TM 55330.000	76.980	97.370

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.200	117.800	71.100	-0.061	59.220	39.490	101.590%	28.310	39.760

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.622	39.950	24.650	89.623%	108.000	83.370	87.070	100.700	6.272

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.173%	106.600	106.800	84.510	88.401%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.706	0.061	0.182	44.390	T 1891.000	1867.000	T 7577.000	75.580	821.200

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.279%	766.100	43.680	36.540	-18020.000	T 326.300	TM 11330.000	11.010	13.750

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.410	13.040	0.027	0.189	-0.203	4.806	99.853%	0.056	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		-0.170	0.006	0.104	99.059%	0.347	-0.004	0.023	16.200	1.286

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.644%	0.348	0.364	0.417	98.859%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.612	0.976	6.067	65.480	T 2042.000	1925.000	TM 43440.000	T 1565.000	2175.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.346%	TM 5188.000	T 275.000	88.890	-31170.000	TM 2788.000	TM 89370.000	46.270	27.700

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.540	84.320	3.326	0.128	0.733	17.990	109.201%	0.960	0.078

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.836	0.051	0.552	92.532%	3.219	0.272	0.265	224.400	9.321

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.534%	0.411	0.408	15.170	90.351%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.030	1.033	6.218	65.520	T 2112.000	2012.000	TM 45540.000	T 1624.000	2240.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.660%	TM 5402.000	T 294.700	94.000	-31230.000	TM 2958.000	TM 94150.000	49.220	29.130

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.300	88.210	4.285	0.038	1.089	18.570	107.931%	1.014	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		-0.851	0.047	0.683	91.367%	3.439	0.257	0.271	235.000	9.764

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.871%	0.347	0.357	15.680	89.979%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.050	4.992	99.510	T9957.000	T9936.000	T9987.000	T5117.000	T9859.000	9672.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.222%	49.400	49.720	50.160	-32240.000	48.760	T5122.000	48.580	50.540

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.580	49.490	50.440	-0.120	48.860	50.680	85.311%	50.800	49.890

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.920	49.980	50.040	87.409%	51.010	51.500	51.570	50.310	0.065

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.833%	50.470	50.620	49.170	88.531%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.035	-0.023	-0.462	3.421	4.174	4.403	3.252	5.904	4.663

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.863%	0.272	-0.540	0.417	737.700	0.124	7.481	0.020	0.025

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.017	-0.382	0.143	0.024	-0.629	0.017	92.039%	0.066	0.023

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.035	0.023	0.027	94.939%	0.047	0.012	0.038	-0.002	-0.007

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.412%	0.245	0.261	0.027	94.669%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.018	0.462	0.839	0.160	0.152	0.923	2.544	4.047
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.560%	0.202	-0.069	0.997	10920.000	0.026	3.639	0.001	0.034
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.789	-0.340	0.243	-0.185	0.020	94.102%	0.025	-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		-0.074	-0.001	0.020	95.865%	2.571	-0.020	-0.008	0.048	-0.006
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.237%	0.110	0.107	0.004	95.061%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	4.957	101.000	T987.700	T982.100	996.600	T1019.000	T971.400	1074.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.981%	190.500	49.810	51.210	19380.000	100.000	T1046.000	50.230	51.600
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.780	98.550	9.715	0.171	9.244	102.600	91.355%	49.400	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		-0.857	10.280	10.220	93.685%	53.100	9.648	10.030	103.000	0.110
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.747%	10.460	10.280	100.000	93.089%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.970	1.224	4.034	88.820	T 4763.000	T 4706.000	TM 30900.000	T 2162.000	2862.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.449%	390.900	104.900	43.070	-19480.000	T 876.300	TM 52640.000	22.670	25.060

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.160	76.910	15.250	0.098	1.224	31.750	105.593%	0.766	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		-0.285	0.042	0.283	93.064%	2.869	0.328	0.304	186.200	8.481

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.719%	0.335	0.334	21.520	92.308%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.830	6.072	87.450	T 1101.000	T 6570.000	T 6549.000	TM 45400.000	T 3574.000	3965.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.936%	678.500	170.300	97.830	-15740.000	TM 1059.000	TM 58800.000	71.450	76.060

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.710	170.800	24.050	0.147	8.246	121.300	104.217%	39.850	9.495

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.933	9.544	9.724	91.358%	50.360	3.112	3.405	303.800	9.275

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.296%	10.510	10.640	121.700	89.670%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		43.360	6.288	87.190	T 1133.000	T 6945.000	T 6895.000	TM 47730.000	T 3742.000	4207.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.253%	703.800	179.300	102.100	-16550.000	TM 1133.000	TM 63220.000	74.280	78.690
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.860	176.000	24.560	0.158	8.888	125.400	105.011%	41.350	9.755
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.044	9.878	10.280	91.049%	52.700	3.332	3.734	319.300	9.991
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.114%	11.040	11.040	127.100	89.814%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		31.840	10.770	75.170	T 5070.000	T 9553.000	T 9527.000	TM 31700.000	T 7014.000	7520.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.014%	409.000	120.800	60.820	-17190.000	T 943.900	TM 53800.000	49.660	62.210
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		63.420	144.700	83.730	0.085	57.260	49.540	102.544%	29.110	40.060
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.627	39.620	24.190	90.084%	109.600	83.420	86.430	203.500	8.557
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.485%	107.100	107.100	103.500	88.853%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.649	0.231	5.767	17.920	T943.500	934.200	T6108.000	T417.700	587.300

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.274%	76.840	21.860	9.950	-17740.000	175.000	TM10740.000	4.837	5.333

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.924	18.590	3.006	0.176	-0.143	6.907	99.311%	0.200	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		-0.054	0.006	0.066	98.876%	0.594	0.053	0.051	36.660	1.673

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.139%	0.384	0.389	4.229	98.520%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.560	-0.022	9.573	T7333.000	T3114.000	3075.000	46.820	T3210.000	TM20960.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.257%	0.842	0.596	-2.615	-64370.000	2.902	29.620	0.022	0.274

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.909	-0.306	0.973	-0.900	-1.090	86.320	98.206%	0.251	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		-0.018	0.005	0.010	102.226%	-0.061	0.036	0.045	22.960	0.029

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		101.643%	0.132	0.130	0.110	103.582%

S 609066-006-047-1/1 09/28/2006 12:08:26 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.391	-0.021	9.395	τ7366.000	τ3219.000	3162.000	38.070	τ3146.000	τ19440.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.889%	1.128	0.263	-2.653	-62970.000	3.242	28.060	0.024	0.279

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.340	3.062	0.882	-0.890	-0.975	71.710	98.110%	0.259	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		0.019	0.001	0.003	102.867%	-0.058	0.023	0.035	21.800	0.018

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		102.399%	0.035	0.049	0.290	105.116%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.706	-0.025	15.640	τ9840.000	τ4658.000	τ4616.000	44.250	τ3355.000	τM23950.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.376%	1.308	0.720	-2.852	-62490.000	6.915	34.730	0.058	0.636

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.390	4.469	0.741	-0.873	-0.845	97.230	96.960%	0.580	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		0.007	0.002	0.002	100.133%	-0.058	0.048	0.069	27.140	0.032

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		99.535%	0.042	0.055	0.253	98.729%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.370	5.052	102.200	τ10030.000	τ9982.000	τ9963.000	τ5139.000	τ9976.000	9737.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.029%	49.130	49.400	49.690	-19410.000	48.640	τ5157.000	48.280	49.830
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	48.550	49.740	0.025	48.000	50.350	89.252%	51.010	49.530
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.952	49.830	49.900	90.931%	51.160	51.140	50.950	50.770	0.041
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.415%	50.400	50.250	49.510	90.017%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.021	-0.021	-0.258	3.716	4.238	4.379	3.571	5.710	4.752
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.025%	0.232	0.249	0.130	-4056.000	0.113	6.023	0.024	0.025
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	-0.240	-0.108	-0.015	-0.357	0.023	90.727%	0.067	0.017
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	0.024	0.012	93.139%	0.069	0.012	0.021	-0.074	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.936%	0.257	0.262	0.024	92.779%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.397	-0.019	10.520	T 7734.000	T 3512.000	3436.000	39.810	T 3168.000	T 19760.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.200%	0.988	0.270	-2.478	-62410.000	4.214	37.680	0.031	0.350
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.680	7.759	0.615	-0.872	-1.081	76.730	94.958%	0.316	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		-0.030	0.004	0.021	98.707%	-0.022	0.025	0.054	22.570	0.018
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		97.699%	0.116	0.124	0.515	97.773%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.369	-0.026	9.812	T 7743.000	T 3478.000	T 3384.000	41.680	T 3211.000	TM 19830.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.238%	1.066	0.555	-2.636	-61400.000	4.246	33.430	0.028	0.311
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.020	1.842	0.598	-0.866	-1.034	75.410	95.271%	0.291	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		0.035	0.003	-0.015	99.473%	0.034	0.029	0.038	22.040	0.020
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.827%	0.059	0.069	0.321	99.920%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.830	-0.023	12.300	T 8250.000	T 2492.000	2420.000	59.950	T 3334.000	TM 28330.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.130%	0.606	0.653	-2.528	-61760.000	2.950	43.020	0.006	0.288
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.814	2.530	0.753	-0.869	-1.005	122.500	96.657%	0.376	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		0.048	-0.001	-0.016	100.976%	-0.049	0.038	0.039	26.230	0.030
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		100.656%	0.040	0.042	0.182	101.183%				

S 609066-011-052-1/1 09/28/2006 12:51:28 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.386	-0.022	9.613	T 7672.000	T 3249.000	T 3187.000	39.660	T 3185.000	TM 20410.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.716%	0.775	0.297	-2.566	-61470.000	2.769	32.410	0.012	0.332
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.952	2.507	0.796	-0.874	-1.139	81.550	97.971%	0.277	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		0.021	0.001	-0.002	102.674%	-0.050	0.021	0.032	22.030	0.025
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		101.990%	0.030	0.027	0.518	102.958%				

S 609066-012-053-1/1 09/28/2006 12:57:36 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.510	-0.024	10.130	T 7871.000	T 3313.000	3216.000	37.370	T 3256.000	TM 21520.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.166%	0.563	0.299	-2.553	-61430.000	1.486	16.770	0.014	0.263

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.040	3.085	0.731	-0.865	-1.187	88.010	98.426%	0.336	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		-0.025	-0.000	0.008	103.312%	-0.056	0.016	0.048	23.180	0.013

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		102.479%	0.024	0.024	0.281	103.216%

S 609066-013-054-1/1 09/28/2006 01:03:45 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.200	-0.022	20.050	T 11720.000	T 5932.000	T 5900.000	62.290	T 3429.000	TM 27100.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.484%	1.001	0.505	-2.979	-62070.000	1.247	22.420	0.080	0.902

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.327	3.720	0.693	-0.864	-0.186	120.500	98.353%	0.866	-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		-0.006	0.001	0.007	102.739%	-0.073	0.056	0.078	28.710	0.039

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		101.992%	0.009	0.015	0.491	102.152%

BLK(139) 09/28/2006 01:09:56 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	-0.024	24.840	68.220	1.024	1.080	3.635	5.866	23.870
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.922%	0.350	1.020	1.215	14750.000	0.063	5.818	0.005	0.155
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.166	0.877	-0.194	0.374	-1.229	0.076	93.867%	0.040	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		0.043	0.001	-0.009	95.914%	0.162	0.019	0.042	0.406	-0.005
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.527%	0.026	0.025	0.056	94.299%				

ICSA 09/28/2006 01:16:03 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.183	-0.021	0.152	TM 255700.000	TM 95800.000	TM 94780.000	TM 99780.000	TM 101100.000	TM 308800.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		75.421%	M 2042.000	-0.821	1.129	-43470.000	-0.030	TM 248700.000	-0.012	0.172
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.754	1.405	1.172	0.603	0.288	4.439	72.330%	M 2032.000	0.095
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.870	0.091	-0.105	76.454%	0.178	0.183	0.204	0.521	0.035
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.044%	0.083	0.091	0.118	70.487%				

ICSAB 09/28/2006 01:22:13 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.199	17.120	22.070	TM 261300.000	TM 96980.000	TM 95270.000	TM 100100.000	TM 101900.000	TM 310200.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		74.236%	M 2052.000	20.030	20.030	-47060.000	18.550	TM 250700.000	18.160	17.530
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.630	17.290	18.240	0.445	16.190	25.510	71.107%	TM 2142.000	17.200
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.247	16.980	17.130	75.712%	20.620	18.520	18.420	21.040	0.069
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		80.166%	22.070	22.200	21.070	71.667%				

ICSAB(Li) 09/28/2006 01:28:21 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.390	-0.015	21.430	TM 259200.000	TM 96060.000	TM 95100.000	TM 99470.000	TM 101300.000	TM 305600.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		74.115%	M 2024.000	-0.059	1.023	-43960.000	-0.079	TM 248000.000	-0.001	-0.012
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.683	1.873	1.308	0.534	0.317	4.292	71.019%	M 2029.000	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		1.918	0.120	-0.121	75.491%	0.182	0.187	0.203	0.513	0.046
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		81.287%	0.200	0.195	0.130	71.995%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.650	5.117	100.400	τ10040.000	τ9929.000	τ9717.000	τ4958.000	τ9722.000	9742.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.881%	49.150	49.140	48.870	-27360.000	48.870	τ5051.000	48.380	49.890
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.410	49.650	50.150	-0.069	47.140	50.980	83.986%	51.490	50.380
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.724	50.380	50.210	87.761%	51.900	52.110	51.900	50.480	0.045
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.409%	51.330	51.410	50.230	93.396%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	-0.022	-1.045	4.025	-0.003	0.011	0.056	0.295	0.347
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.483%	0.017	-0.142	-0.188	-17950.000	-0.011	-3.900	0.001	-0.018
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.011	0.677	0.092	-0.089	-0.178	0.004	86.238%	0.282	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		0.032	-0.001	-0.011	90.463%	0.015	-0.008	0.000	-0.067	-0.004
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.185%	0.221	0.207	0.002	96.822%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.023	23.830	M 510.700	T 5051.000	T 4856.000	T 4756.000	T 5005.000	T 4779.000	5169.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.181%	923.800	240.900	243.200	-10320.000	T 485.200	T 5042.000	240.500	248.700
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		248.600	448.800	45.450	0.040	40.570	TM 506.500	85.296%	246.000	50.540
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.875	50.730	48.580	89.172%	250.400	47.270	48.540	509.600	0.582
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.319%	53.330	53.000	T 498.400	93.057%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.800	-0.015	66.080	TM 109900.000	T 6533.000	T 6442.000	130.300	T 2667.000	TM 83130.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.356%	1.793	1.960	1.211	-27560.000	81.500	66.520	0.403	1.843
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.886	16.760	0.816	0.467	-0.710	174.100	88.123%	1.427	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		0.041	0.007	0.012	89.384%	0.659	0.589	0.616	178.800	0.236
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		97.049%	0.272	0.309	2.476	87.476%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.500	22.890	M 525.700	TM 115200.000	T 11370.000	T 11150.000	T 5235.000	T 7592.000	TM 88600.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.172%	932.300	243.400	235.800	-40030.000	T 576.500	T 5162.000	230.400	233.300

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		232.100	421.000	45.390	-0.008	38.880	TM 709.500	85.333%	247.700	46.880

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.630	46.850	47.010	87.678%	250.500	47.870	48.480	686.900	0.741

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.260%	54.630	54.950	510.800	85.572%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.400	22.610	M 510.600	TM 113300.000	T 11280.000	T 11120.000	T 5198.000	T 7583.000	TM 88610.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.430%	931.900	243.500	235.100	-49520.000	T 571.300	T 5142.000	229.200	232.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		230.100	437.000	45.520	-0.231	38.480	TM 704.100	85.672%	247.500	46.350

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.940	46.600	46.120	87.935%	250.000	47.910	48.680	686.100	0.745

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.193%	54.840	55.070	512.200	85.764%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		115.300	45.200	M 1004.000	TM 118900.000	T 16100.000	T 15930.000	TM 10250.000	T 12410.000	TM 93100.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.723%	M 1869.000	T 516.600	T 487.500	-30000.000	TM 1056.000	TM 10160.000	T 484.800	456.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		450.700	M 806.800	87.670	0.464	77.310	TM 1222.000	82.217%	491.000	92.220

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb13	7Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.763	92.410	92.060	83.949%	494.500	93.180	95.180	M 1182.000	1.328

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.257%	108.100	107.700	T 1043.000	83.679%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.600	44.220	M 952.300	TM 117400.000	T 16000.000	T 15810.000	TM 10190.000	T 12360.000	TM 92490.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.811%	M 1851.000	T 513.300	T 482.700	-41170.000	TM 1054.000	TM 10070.000	T 481.700	456.500

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		449.400	M 813.900	88.810	0.082	76.390	TM 1221.000	82.632%	489.900	92.140

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.340	91.960	91.690	84.584%	497.100	93.800	95.750	M 1181.000	1.266

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.089%	108.800	108.500	T 1040.000	83.241%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.800	9.450	142.700	TM 114400.000	T 11490.000	T 11380.000	T 1189.000	T 7685.000	TM 87430.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.995%	24.530	21.980	20.650	-27570.000	155.700	T 2181.000	28.720	40.340
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		30.620	82.120	70.650	0.460	52.770	193.500	82.231%	32.960	39.050
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.029	38.460	23.040	83.640%	108.000	76.310	79.600	198.100	0.197
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.191%	111.000	110.800	85.670	83.477%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.400	0.026	22.210	TM 21800.000	T 1328.000	1285.000	34.480	T 536.800	15890.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.718%	1.983	1.128	0.594	-21740.000	17.950	20.650	0.525	0.869
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.049	6.483	0.034	0.091	-0.813	36.370	85.393%	0.825	0.152
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.062	0.155	0.112	89.013%	0.863	0.395	0.418	37.060	0.033
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.824%	0.462	0.473	1.435	93.806%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		16.030	0.269	87.190	T 12390.000	T 6156.000	T 6084.000	T 6937.000	T 7709.000	TM 34120.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.252%	78.380	26.770	9.153	1817.000	39.670	T 5137.000	1.810	7.085

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		12.460	25.380	3.844	0.414	0.298	195.000	83.340%	1.823	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		-0.039	0.031	0.126	85.159%	0.652	0.517	0.495	149.300	1.292

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.768%	0.257	0.258	4.388	88.100%

S 609105-002-002-1/1 09/28/2006 02:48:19 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.220	-0.024	78.380	T 12490.000	T 4387.000	T 4311.000	26.740	T 6082.000	TM 32040.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.325%	1.733	8.456	0.655	-23550.000	1.805	48.730	0.248	2.709

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.110	10.740	2.371	0.130	0.139	184.300	83.970%	1.717	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		0.104	0.006	-0.027	87.429%	0.390	1.638	1.602	84.030	0.144

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.146%	0.114	0.109	0.264	89.510%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.140	5.099	103.400	τ10370.000	τ10190.000	τ10040.000	τ5139.000	τ9977.000	9792.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.333%	47.900	49.230	49.050	-11900.000	49.320	τ5198.000	48.310	49.590
Run	Time	65Cu66	Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.660	50.830	50.110	0.021	48.860	50.940	79.753%	50.740	50.180
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.887	50.040	50.460	84.184%	51.920	52.110	52.110	50.200	0.044
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.358%	51.320	51.220	50.060	89.368%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.025	-0.023	1.165	4.420	0.693	0.766	0.594	-0.867	2.353
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.681%	-0.045	-0.148	-0.165	-3967.000	0.001	-6.939	0.001	-0.013
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.008	0.539	0.030	-0.089	-0.444	0.001	80.672%	0.101	-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		0.047	-0.000	-0.009	85.439%	0.080	0.001	0.013	-0.115	-0.005
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.628%	0.229	0.243	0.008	92.053%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		13.120	0.122	79.840	T 12330.000	T 5240.000	T 5184.000	T 3797.000	T 6921.000	TM 33350.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.708%	50.780	19.490	5.148	-14030.000	19.840	T 2689.000	1.004	3.802
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.940	14.330	3.294	0.234	0.952	191.800	81.837%	1.795	0.021
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.028	0.016	0.092	84.383%	0.526	0.400	0.424	119.900	0.873
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.759%	0.194	0.186	2.488	86.626%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.340	-0.023	76.420	T 12550.000	T 4431.000	T 4358.000	26.940	T 6085.000	TM 32400.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.733%	1.175	8.966	0.571	-25790.000	1.653	43.990	0.239	2.293
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.740	8.888	2.267	0.065	0.416	186.200	83.175%	1.759	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		-0.054	0.008	0.021	87.172%	0.288	1.500	1.446	84.950	0.136
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.811%	0.090	0.086	0.257	88.497%				

S 609105-005-006-1/3 09/28/2006 03:19:07 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		20.700	0.653	87.110	T 18750.000	T 7045.000	T 6945.000	TM 18820.000	T 7641.000	T 19400.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.008%	154.400	66.200	20.340	-17980.000	77.240	TM 12140.000	3.317	11.260

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		13.600	45.050	7.758	-0.138	-0.115	107.600	83.769%	1.676	0.030

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.107	0.026	0.252	84.005%	0.903	0.560	0.571	190.900	2.530

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.473%	0.289	0.269	8.112	85.712%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.710	23.130	M 546.400	TM 23150.000	T 11840.000	T 11730.000	TM 28180.000	T 13220.000	TM 24360.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.966%	M 1054.000	T 328.900	255.500	-6548.000	T 556.800	TM 17500.000	228.500	240.900

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		239.700	448.800	49.730	0.134	38.540	TM 616.200	82.891%	236.100	47.880

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.829	47.600	46.280	83.315%	249.100	45.880	46.780	716.000	3.229

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.641%	52.570	52.870	T 505.300	85.094%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.960	23.020	M 550.500	TM 23180.000	T 11950.000	T 11870.000	TM 28390.000	T 13190.000	TM 24350.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.174%	M 1056.000	T 311.000	254.600	-9721.000	T 557.500	TM 17360.000	228.900	243.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		242.200	451.700	49.560	0.044	37.850	TM 608.400	83.213%	236.800	47.900

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-4.018	47.660	46.770	82.539%	249.700	46.210	46.950	714.000	3.264

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.682%	52.800	53.040	T 506.100	84.382%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.790	9.771	159.000	TM 23220.000	T 11790.000	T 11790.000	TM 19820.000	T 12560.000	TM 24220.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.372%	172.900	85.520	39.930	-14120.000	151.800	TM 14110.000	31.900	50.260

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		42.100	112.200	77.700	-0.173	55.950	126.500	83.728%	32.760	40.590

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.858	39.940	24.160	82.756%	110.700	80.880	83.360	210.600	2.511

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.696%	109.600	109.800	91.360	84.610%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.226	0.126	23.110	↑3727.000	↑1424.000	1404.000	↑3805.000	↑1540.000	3840.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.591%	30.000	14.760	4.694	10530.000	16.300	↑2499.000	0.721	2.412
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.020	12.550	2.290	-0.039	-0.490	22.510	81.096%	0.483	0.023
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.022	0.021	0.063	84.368%	0.291	0.256	0.270	38.310	0.476
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.042%	0.310	0.299	1.673	89.532%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.556	-0.019	67.460	↑18160.000	↑2634.000	2533.000	60.400	↑3210.000	↑15740.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.448%	1.309	20.700	0.125	-23920.000	1.185	50.530	0.146	1.759
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.755	16.400	5.420	-0.409	-0.876	82.680	83.831%	1.406	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		0.020	0.002	-0.007	87.654%	0.132	2.014	1.947	31.610	0.073
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.679%	0.133	0.140	0.154	87.501%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.023	2.568	1.720	0.034	0.051	0.508	-0.060	4.053
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.244%	0.089	-0.223	0.790	43250.000	0.046	-5.852	0.001	0.002
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.532	0.221	0.114	0.133	0.014	80.857%	0.028	-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		0.010	-0.001	-0.003	84.888%	2.645	0.003	0.016	0.052	-0.006
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		88.330%	0.047	0.046	0.006	90.205%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.360	5.242	106.600	T992.700	T984.200	1002.000	T1030.000	T968.900	1072.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.560%	183.900	51.320	52.750	42460.000	102.800	T1043.000	51.260	52.850
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.040	102.800	10.420	0.142	9.483	105.000	81.472%	49.560	10.480
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.822	10.590	10.420	85.948%	53.540	9.862	9.962	105.000	0.124
Run	Time	159Tb	203Tl20	5Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.811%	10.500	10.570	101.900	90.503%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.600	5.112	104.300	τ10260.000	τ10220.000	τ10100.000	τ5157.000	τ10000.000	9912.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.599%	48.100	50.500	50.080	2746.000	49.710	τ5245.000	49.010	50.190

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.060	50.690	51.240	-0.010	48.430	51.100	78.707%	51.830	50.290

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.829	50.250	50.970	82.506%	52.560	52.230	52.450	50.730	0.058

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		87.115%	51.020	50.930	49.820	86.621%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.025	0.803	2.983	1.299	1.327	0.910	0.481	3.890

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.388%	-0.021	0.184	0.254	21620.000	0.012	-5.055	0.006	-0.004

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.014	0.591	0.348	-0.042	-0.566	0.015	80.517%	0.072	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		0.073	0.005	-0.020	84.854%	0.065	-0.001	0.020	-0.022	-0.005

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.890%	0.226	0.227	0.007	89.600%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		24.700	0.688	13.180	151.400	T 17930.000	T 17810.000	TM 14330.000	T 2505.000	TM 63560.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.846%	201.900	30.290	22.430	-18030.000	T 871.900	TM 27190.000	11.830	25.670

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		33.530	H 1561.000	4.531	0.117	0.493	89.490	91.775%	0.713	0.063

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.414	0.050	4.670	83.020%	2.533	0.118	0.120	149.100	6.282

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.413%	0.257	0.230	19.780	85.738%

S 609043-002-002-1/1 09/28/2006 04:31:08 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.970	0.534	6.845	73.540	T 4888.000	T 4836.000	TM 13860.000	T 1227.000	14650.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.783%	142.200	23.890	17.120	7242.000	T 501.000	TM 22780.000	6.881	16.000

Run	Time	65Cu	66Zn	75As	·77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.700	43.850	3.341	-0.091	0.517	29.500	93.135%	0.456	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		-0.077	0.033	0.120	85.639%	2.456	0.072	0.095	117.700	5.887

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.032%	0.177	0.178	8.502	88.718%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.010	0.462	11.640	149.600	TM 47110.000	TM 46570.000	TM 11600.000	T 1323.000	TM 114400.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.476%	123.300	22.530	13.900	-20440.000	T 907.100	TM 21310.000	6.439	14.740
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.550	54.430	3.625	0.358	0.086	58.410	91.292%	0.391	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		-0.054	0.052	0.152	83.977%	2.530	0.067	0.076	82.840	5.211
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.531%	0.147	0.152	18.920	84.444%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.018	0.190	M 666.700	268.800	T 2664.000	2584.000	T 5616.000	T 1226.000	15640.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.216%	79.750	12.940	153.800	-4642.000	224.800	TM 12150.000	2.838	27.030
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		163.000	M 1851.000	3.729	-0.031	0.768	51.420	84.485%	3.221	22.620
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.074	22.870	1.933	85.864%	19.810	1.201	1.213	82.480	1.226
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.683%	0.130	0.146	140.300	94.392%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.770	5.200	M 769.800	T 1294.000	T 3666.000	T 3585.000	T 7121.000	T 2442.000	T 17700.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.500%	246.900	61.320	199.900	-2455.000	T 315.800	TM 11820.000	50.600	79.290

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		220.200	M 2098.000	13.280	0.020	9.636	151.500	84.435%	49.820	34.540

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.550	34.590	11.810	85.869%	67.880	9.930	10.110	188.500	1.270

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.284%	9.792	9.855	250.500	94.679%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.260	5.154	M 800.300	T 1328.000	T 3794.000	3641.000	T 7404.000	T 2535.000	T 19010.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.378%	253.600	62.310	202.300	-3197.000	T 334.000	TM 11970.000	50.560	77.650

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		224.000	M 2159.000	13.580	-0.012	10.930	153.700	84.224%	49.810	35.700

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.871	35.470	13.380	85.990%	68.810	9.996	10.290	193.400	1.337

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.442%	9.934	9.951	236.200	94.319%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.800	10.580	M 730.800	T 5471.000	T 7687.000	T 7532.000	T 6586.000	T 6251.000	TM 21040.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.937%	100.000	32.570	169.100	-347.700	298.400	TM 14140.000	32.270	66.500

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		186.700	M 1885.000	82.030	-0.024	65.560	70.960	82.815%	34.120	63.560

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.467	62.860	26.700	84.210%	128.700	86.470	89.620	102.300	1.164

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.463%	101.100	101.100	215.200	93.028%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.365	0.017	144.000	59.790	T 513.600	538.900	T 1127.000	244.900	3245.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.495%	15.490	2.972	31.890	3383.000	47.190	T 2476.000	0.616	5.643

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		34.230	412.600	0.989	-0.115	-0.013	10.730	82.122%	0.788	4.740

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	4.732	0.446	86.614%	4.149	0.351	0.352	16.740	0.268

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.640%	0.407	0.430	29.680	93.000%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.190	0.612	12.260	85.700	T 7596.000	T 7477.000	TM 13560.000	T 1999.000	13370.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.360%	203.200	25.480	18.280	2287.000	T 658.900	TM 25140.000	9.471	20.340

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		29.010	52.520	4.985	-0.081	0.228	23.090	95.392%	0.411	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		-0.316	0.054	0.578	85.752%	2.703	0.290	0.273	116.100	6.877

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.784%	0.280	0.276	7.923	88.900%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.990	0.543	11.710	98.240	T 8464.000	T 8352.000	TM 11570.000	T 1784.000	TM 41340.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.372%	166.400	22.590	15.890	-18570.000	T 661.000	TM 20010.000	7.725	17.760

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.410	132.600	3.885	-0.017	0.177	53.500	91.704%	0.471	0.041

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.171	0.040	3.045	84.993%	2.543	0.243	0.255	96.690	5.015

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.472%	0.208	0.220	15.270	87.480%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.350	5.141	103.400	τ10410.000	τ10230.000	τ10160.000	τ5128.000	τ9957.000	9783.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.084%	47.310	50.100	48.830	-20800.000	49.170	τ5217.000	48.490	49.840
Run	Time	65Cu66	Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.180	50.860	50.500	-0.167	48.500	50.930	77.896%	50.680	50.290
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.623	50.210	50.550	82.049%	52.500	52.490	52.670	50.690	0.047
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		87.874%	51.170	51.230	50.130	86.982%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	-0.026	1.618	2.594	1.864	1.929	1.160	1.348	3.802
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.038%	-0.010	0.198	-0.040	5456.000	0.017	-3.623	0.011	-0.005
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.007	0.713	0.593	-0.125	-0.510	0.007	82.472%	0.074	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		0.077	0.005	-0.014	87.885%	0.071	-0.016	0.017	-0.064	-0.006
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.807%	0.238	0.252	0.012	91.371%				

S 609043-011-006-1/1 09/28/2006 05:39:02 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.840	0.647	11.910	130.500	T 19340.000	T 19170.000	TM 14010.000	T 2484.000	TM 50150.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.285%	185.100	28.760	19.050	-22660.000	T 936.500	TM 25380.000	9.531	22.900

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		33.320	86.380	4.024	0.089	0.130	51.370	92.863%	0.613	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		-0.354	0.051	2.147	84.298%	2.502	0.463	0.445	94.530	6.373

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.926%	0.280	0.272	12.380	86.693%

S 609075-001-001-1/1 09/28/2006 05:45:13 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.517	1.628	4.379	37.790	T 645.300	633.400	T 8673.000	T 581.900	3187.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.200%	87.930	15.310	11.000	5177.000	TM 1476.000	TM 12290.000	5.677	5.859

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.637	40.640	4.563	-0.013	0.428	10.210	100.355%	0.818	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		-0.142	0.061	0.503	91.736%	2.885	0.213	0.263	233.200	4.374

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.275%	0.195	0.196	33.890	94.498%

S 609075-002-003-1/1 09/28/2006 05:51:25 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.120	1.992	5.481	28.360	T 1042.000	1025.000	T 9846.000	T 754.700	8554.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.089%	107.100	20.140	11.220	8679.000	TM 2665.000	TM 13470.000	6.934	8.842
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.605	56.200	5.119	-0.019	0.425	22.890	100.385%	0.887	0.065
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.116	0.065	0.596	88.724%	2.887	0.277	0.308	453.600	5.731
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.383%	0.195	0.207	47.840	92.516%				

S 609075-003-007-1/1 09/28/2006 05:57:34 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.111	1.634	2.981	30.700	T 612.000	596.000	T 9078.000	T 569.000	960.900
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.203%	114.300	19.160	12.940	-4913.000	TM 1466.000	TM 13500.000	7.930	6.613
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.250	27.550	4.964	-0.006	0.797	4.020	102.594%	1.108	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		-0.161	0.040	0.325	91.660%	3.238	0.267	0.302	110.900	5.980
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.777%	0.189	0.201	45.130	93.795%				

S 609075-004-008-1/1 09/28/2006 06:03:43 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.584	1.705	3.401	36.550	T 698.400	683.800	T 9396.000	T 671.600	1719.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.453%	94.350	16.420	11.380	-1127.000	TM 1480.000	TM 12400.000	7.939	6.131

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.378	29.010	3.957	0.046	0.670	5.818	100.519%	0.830	0.049

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.070	0.044	0.331	90.248%	2.886	0.231	0.231	134.200	5.889

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.018%	0.173	0.182	31.670	93.290%

S 609075-005-009-1/3 09/28/2006 06:09:53 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.745	0.974	2.576	35.610	T 747.500	731.100	TM 10210.000	T 673.000	1034.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.386%	119.500	21.290	12.810	-4120.000	TM 1358.000	TM 12990.000	7.734	6.631

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.502	27.660	4.139	0.082	0.377	5.649	97.203%	0.797	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		-0.099	0.045	0.217	90.606%	2.905	0.259	0.245	154.900	5.279

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.526%	0.195	0.196	42.430	93.883%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.607	6.034	99.110	T 1048.000	T 2120.000	2042.000	TM 19630.000	T 2263.000	2072.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.129%	340.000	75.290	65.400	3296.000	TM 1325.000	TM 15490.000	51.950	56.220

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.440	124.700	13.570	0.071	8.817	96.930	94.105%	42.610	9.574

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.587	9.643	9.957	86.885%	50.070	5.164	5.423	276.000	5.762

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.148%	10.310	10.390	141.000	90.535%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.692	6.126	100.500	T 1064.000	T 2162.000	2080.000	TM 20600.000	T 2332.000	2192.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.601%	348.200	78.760	65.640	1606.000	TM 1853.000	TM 17840.000	54.870	56.750

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.590	127.400	14.220	0.095	8.598	96.570	95.345%	43.200	9.704

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.669	9.686	9.902	87.327%	50.370	5.295	5.363	307.000	5.828

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.287%	10.280	10.430	145.300	91.146%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.630	11.260	77.410	T 5275.000	T 5851.000	T 5791.000	TM 11340.000	T 5792.000	6083.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.089%	142.300	41.080	32.650	8017.000	TM 1438.000	TM 15140.000	36.520	45.960

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.450	102.600	79.130	-0.065	62.020	24.810	91.068%	30.140	41.190

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.160	41.040	25.300	84.871%	114.900	86.530	90.230	176.600	5.344

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.674%	107.400	107.900	125.800	88.962%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.958	0.186	1.652	7.904	142.700	150.300	T 2064.000	132.000	211.400

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.759%	24.100	5.594	3.159	-980.800	272.200	T 2689.000	1.658	1.383

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.800	7.882	1.560	-0.000	-0.044	1.252	88.308%	0.186	0.015

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	0.010	0.037	91.569%	0.633	0.048	0.059	31.630	1.042

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.398%	0.357	0.345	8.512	95.995%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.590	5.211	100.700	τ 10280.000	τ 10170.000	τ 10070.000	τ 5121.000	τ 10020.000	9839.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.057%	46.960	49.120	48.720	-12310.000	49.180	τ 5229.000	48.230	49.210
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.090	50.480	50.090	-0.126	48.390	50.980	79.172%	51.010	50.330
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.909	50.140	50.750	83.109%	52.570	52.580	52.620	50.660	0.048
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		88.090%	51.490	51.570	50.380	86.761%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.016	-0.026	0.011	3.706	3.137	3.311	2.092	2.088	6.143
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.824%	0.039	-1.003	-0.054	11600.000	0.066	-1.299	0.015	0.002
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	0.735	0.221	-0.070	-0.399	0.026	83.380%	0.071	0.014
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.052	0.012	0.007	88.220%	0.069	0.008	0.022	-0.079	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.130%	0.252	0.274	0.021	91.322%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.685	0.840	2.388	32.890	T 803.500	782.400	T 8501.000	T 624.300	1286.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.880%	129.100	21.700	15.190	1300.000	T 440.900	TM 14740.000	4.155	5.460

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.661	22.920	5.692	0.053	0.550	5.732	94.649%	1.112	0.036

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.102	0.044	0.140	90.708%	2.922	0.279	0.287	69.070	4.193

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.318%	0.245	0.244	37.050	93.870%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.078	0.954	2.295	30.180	T 1003.000	977.600	T 8880.000	T 602.000	1309.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.039%	124.600	22.810	17.140	-1956.000	T 895.800	TM 13680.000	6.892	6.974

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.584	22.810	5.011	0.016	0.468	5.795	98.135%	0.930	0.036

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.143	0.038	0.204	90.176%	2.844	0.257	0.248	78.320	5.914

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.032%	0.219	0.220	32.190	93.172%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.759	0.913	3.457	38.620	T 790.700	778.400	TM 11110.000	T 773.000	967.500
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.403%	126.500	22.500	12.760	-2531.000	TM 1176.000	TM 13530.000	7.194	6.638
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.957	24.910	4.644	0.103	0.269	5.683	96.300%	0.841	0.047
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.099	0.045	0.190	89.686%	2.839	0.232	0.260	123.200	5.263
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.782%	0.220	0.240	35.010	91.529%				

S 609075-009-005-1/2 09/28/2006 07:11:42 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.126	1.023	4.112	29.990	363.200	388.700	T 6284.000	358.500	550.300
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.006%	123.500	21.170	18.230	-9969.000	TM 1052.000	TM 16220.000	6.389	5.045
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.703	17.690	6.138	0.084	0.379	2.475	95.541%	1.238	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		-0.215	0.020	0.210	91.384%	2.800	0.313	0.323	55.350	3.416
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.892%	0.134	0.128	20.460	93.363%				

S 609104-001-004-1/2 09/28/2006 07:17:53 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		21.250	0.525	6.372	133.400	T 5034.000	T 4964.000	TM 13550.000	T 1183.000	T 16970.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.768%	145.800	23.890	17.560	-524.600	T 508.100	TM 20760.000	6.921	16.230

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		25.100	97.590	2.771	-0.040	0.340	34.460	94.981%	0.406	0.043

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.177	0.031	0.166	86.320%	2.685	0.072	0.094	95.310	6.501

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.894%	0.128	0.152	8.822	88.403%

ICSA 09/28/2006 07:30:06 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.188	-0.023	0.247	TM 257200.000	TM 96120.000	TM 95590.000	TM 100900.000	TM 102100.000	TM 311900.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		70.833%	M 1979.000	-0.695	1.125	-40690.000	-0.063	TM 251900.000	-0.019	0.050

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.720	1.444	0.514	0.668	-0.028	4.454	68.687%	M 2049.000	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		1.771	0.099	0.059	74.354%	0.203	0.188	0.182	0.553	0.039

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		77.996%	0.086	0.096	0.128	69.149%

ICSAB 09/28/2006 07:36:13 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.224	17.210	22.110	TM 258700.000	TM 96580.000	TM 95710.000	TM 100300.000	TM 102000.000	TM 312200.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		71.064%	M 1995.000	19.300	19.970	-45720.000	18.560	TM 250500.000	18.160	17.640
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.740	17.290	18.640	0.480	16.710	25.720	69.008%	TM 2141.000	17.300
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.183	17.070	16.830	74.560%	20.690	18.720	18.690	20.760	0.072
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.570%	21.780	22.000	20.970	70.846%				

ICSAB(Li) 09/28/2006 07:42:21 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.410	-0.020	21.920	TM 257200.000	TM 96040.000	TM 95590.000	TM 99480.000	TM 101200.000	TM 308400.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		70.625%	M 1992.000	-0.157	1.012	-43400.000	-0.089	TM 248100.000	0.030	0.004
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.648	1.988	0.922	0.599	0.096	4.326	67.758%	M 2048.000	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		1.960	0.128	-0.011	73.536%	0.156	0.175	0.215	0.517	0.031
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.299%	0.200	0.197	0.133	71.141%				

CCV 09/28/2006 07:54:38 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.100	5.146	100.800	τ 10340.000	τ 10060.000	τ 9809.000	τ 5030.000	τ 9828.000	9794.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.912%	47.790	49.450	48.510	-28010.000	48.820	τ 5094.000	48.280	49.650
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.870	50.530	50.680	-0.130	49.000	50.940	77.911%	51.890	50.670
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.707	50.380	50.480	82.267%	53.090	52.710	52.870	50.980	0.064
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.678%	51.660	51.490	50.480	88.896%				

CCB 09/28/2006 08:00:48 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.024	-0.025	-0.682	8.747	3.223	3.507	2.283	2.731	5.948
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.521%	0.050	-0.252	-0.275	-16220.000	0.061	-1.725	0.016	-0.003
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	0.686	0.262	-0.123	-0.507	0.028	79.185%	0.278	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		0.027	0.009	0.008	84.630%	0.043	0.005	0.012	-0.041	-0.005
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		90.318%	0.230	0.232	0.023	91.114%				

GPL Laboratories, LLLP **MERCURY ANALYSIS LOG** *Document Control No: GP_M_171*

Instrument ID: HYDRA AA	Method: 7471	Start Seq #: 1031	Traceability-Solutions	
Corr. Coef. 0.999996	Data File: H60609023	End Seq #: 1132	Rinse 10% HCL Bath: 12 7-125-01	
Test Optics Sample: 1214880	Rack 1: 93218	Folder: 06 SEP	Stannous CL 10%: 129-127-01	
Hg Lamp: 8.626V	Rack 2: 93919	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	Seq	Sample Name	Dil	Date	Time
1	Std01Rep1	1	1/23/2006	15:06	31	S 609092-002-016-1/1	1	1/23/2006	16:28	61	BLK93919	1	1/23/2006	17:55	91	Ck5 CCV7	1	1/23/2006	19:05
2	Std01Rep2	1	1/23/2006	15:08	32	S 609092-003-017-1/1	1	1/23/2006	16:31	62	BKS93919	1	1/23/2006	17:57	92	Ck6 CCB7	1	1/23/2006	19:08
3	Std01Rep3	1	1/23/2006	15:11	33	S 609092-004-018-1/1	1	1/23/2006	16:33	63	S 609049-001-013-1/2	1	1/23/2006	17:59	93	S 609090-002-002-1/1	1	1/23/2006	19:10
4	Std02Rep1	1	1/23/2006	15.14	34	S 609092-005-019-1/1	1	1/23/2006	16:35	64	S 609049-002-015-1/2	1	1/23/2006	18:01	94	PS609090-001-001-1/	1	1/23/2006	19:14
5	Std02Rep2	1	1/23/2006	15:16	35	S 609092-006-020-1/1	1	1/23/2006	16:38	~~65~~	~~S 609049-003-017-1/2~~	~~1~~	~~1/23/2006~~	~~18:04~~	95	SD609090-001-001-1/	2	1/23/2006	19:17
6	Std02Rep3	1	1/23/2006	15:18	36	Ck5 CCV2	1	1/23/2006	16:40	~~66~~	~~S 609049-004-018-1/2~~	~~1~~	~~1/23/2006~~	~~18:06~~	96	PS609090-001-001-1/	1	1/23/2006	19.24
7	Std03Rep1	1	1/23/2006	15:20	37	Ck6 CCB2	1	1/23/2006	16:42	67	Ck5 CCV5	1	1/23/2006	18:11	97	Ck5 CCV	1	1/23/2006	~~19:27~~
8	Std03Rep2	1	1/23/2006	15.22	38	S 609092-007-021-1/1	1	1/23/2006	16:44	68	Ck6 CCB5	1	1/23/2006	18:14	98	Ck6 CCB	1	1/23/2006	19:34
9	Std03Rep3	1	1/23/2006	15:25	39	S 609092-008-022-1/1	1	1/23/2006	16:46	69	S 609049-003-017-1/2	10	1/23/2006	18:16	99	CRP	1	1/23/2006	19:39
10	Std04Rep1	1	1/23/2006	15:27	40	S 609092-009-023-1/1	1	1/23/2006	16:48	70	S 609049-004-019-1/2	1	1/23/2006	18:18	100	Ck5 CCV8	1	1/23/2006	19:41
11	Std04Rep2	1	1/23/2006	15:29	41	S 609092-010-024-1/1	1	1/23/2006	16:51	71	S 609053-001-001-1/2	1	1/23/2006	18:20	101	Ck6 CCB	1	1/23/2006	19:44
12	Std04Rep3	1	1/23/2006	15:31	42	S 609043-001-001-1/1	1	1/23/2006	16:53	72	S 609053-002-003-1/2	1	1/23/2006	18:23	102	Ck3 CCB8	1	1/23/2006	19:48
13	Std05Rep1	1	1/23/2006	15:33	43	S 609043-002-002-1/1	1	1/23/2006	16:56	73	S 609053-003-005-1/2	1	1/23/2006	18:25					
14	Std05Rep2	1	1/23/2006	15:36	44	S 609043-003-003-1/1	1	1/23/2006	16:59	74	S 609053-004-011-1/1	1	1/23/2006	18:27					
15	Std05Rep3	1	1/23/2006	15:38	~~45~~	~~S 609043-004-013-1/1~~	~~1~~	~~1/23/2006~~	~~17:01~~	75	S 609053-005-012-1/1	1	1/23/2006	18:30					
16	Std06Rep1	1	1/23/2006	15:40	46	SP609043-004-013-1/	1	1/23/2006	17:03	76	S 609053-007-014-1/1	1	1/23/2006	18:32					
17	Std06Rep2	1	1/23/2006	15:42	~~47~~	~~SD609043-004-013-1/~~	~~1~~	~~1/23/2006~~	~~17:06~~	77	S 609053-010-007-1/2	1	1/23/2006	18:34					
18	Std06Rep3	1	1/23/2006	15:44	48	Ck5 CCV3	1	1/23/2006	17:09	78	S 609053-011-009-1/2	1	1/23/2006	18:36					
19	Ck2 ICV	1	1/23/2006	15:47	49	Ck6 CCB3	1	1/23/2006	17:11	79	Ck5 CCV6	1	1/23/2006	18:39					
~~20~~	~~Ck3 ICV~~	~~1~~	~~1/23/2006~~	~~15:54~~	50	S 609043-009-004-1/1	1	1/23/2006	17:14	80	Ck6 CCB6	1	1/23/2006	18:41					
21	Ck2 ICV	1	1/23/2006	16:06	51	S 609043-010-005-1/1	1	1/23/2006	17:16	81	S 609054-002-008-1/2	1	1/23/2006	18:43					
22	Ck3 ICB	1	1/23/2006	16:09	52	S 609043-011-006-1/1	1	1/23/2006	17:19	82	S 609054-003-010-1/2	1	1/23/2006	18:45					
23	Ck4 CRA	1	1/23/2006	16:11	~~53~~	~~S 609057-001-001-1/1~~	~~1~~	~~1/23/2006~~	~~17:21~~	83	S 609054-004-012-1/2	1	1/23/2006	18:48					
24	Ck5 CCV1	1	1/23/2006	16:13	54	Ck5 CCV4	1	1/23/2006	17:38	84	S 609054-005-014-1/2	1	1/23/2006	18:50					
25	Ck6 CCB1	1	1/23/2006	16:15	55	Ck6 CCB4	1	1/23/2006	17:40	85	S 609054-006-005-1/3	1	1/23/2006	18:52					
26	BLK93918	1	1/23/2006	16:17	56	S 609043-004-013-1/3	10	1/23/2006	17:42	86	SP609054-006-005-1/	1	1/23/2006	18:54					
27	BKS93918	1	1/23/2006	16:19	57	SP609043-004-013-1/	10	1/23/2006	17:45	87	SD609054-006-005-1/	1	1/23/2006	18:56					
28	S 609092-001-012-1/2	1	1/23/2006	16:22	58	SD609043-004-013-1/	10	1/23/2006	17:48	88	S 609090-001-001-1/1	1	1/23/2006	18:58					
29	SP609092-001-012-1/	1	1/23/2006	16:24	59	PS609043-004-013-1/	10	1/23/2006	17:50	89	SP609090-001-001-1/	1	1/23/2006	19:01					
30	SD609092-001-012-1/	1	1/23/2006	16:26	60	S 609057-001-001-1/1	102	1/23/2006	17:52	~~90~~	~~SD609090-001-001-1/~~	~~1~~	~~1/23/2006~~	~~19:03~~					

Analyst Signature: David Hub Date: 9-26-06 Analyst Signature:

Workorders	Dilutions/Reanalyses/Comments	Source Solutions	
609092		Stds	Numbers
609043	-04, 04MS/MSD, DF=10 Sample of looks like crude oil.	S0	—
609057	-01 DF=200	S1	38193
609049	3,4 DF=10. reran 04 at seq 70.	S2	|
609053		S3	|
609054		S4	|
609090	01 SD DF=2, Postspike at 1.0ppb and at 2.0ppb.	S5	|
↓	use 2.0ppb for recovery%	CRA	|
		ICV	38097
		CCV	38193

Analyst: David Hub Date: 9-26-06 Reviewed: KO Date: 27/Sep/2006

WinHg Database

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 1.44070e-4

C -6.97890e-3

Rho .999996

Type Linear

☑ Calibrated

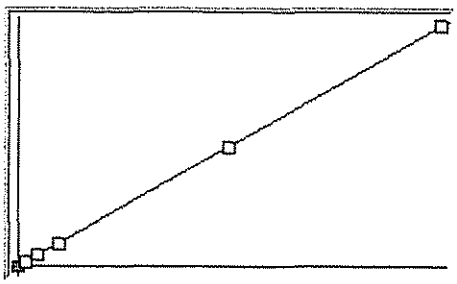
☑ Accepted

Accept

µ Abs.
69470

Accepted

New



Include S1 Rep 1☑ 2☑ 3☑ 4☐ 5☐

23-Sep-06 15:45 Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.022	.022	202	1	201	203	204
02	.20000	.196	-.004	1410	2.14%	1438	1413	1378
03	.50000	.490	-.010	3448	0.66%	3436	3474	3433
04	1.0000	.991	-.009	6925	1.38%	7024	6919	6832
05	5.0000	5.00	-.000	34752	0.61%	34583	34684	34987
06	10.000	10.0	.002	69470	0.69%	69966	69441	69005

Ready CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq:	1031	15:06:51 23 Sep 06	HG	
Hg	.000	ppb	201					
*** Standard: 1 Rep: 2				Seq:	1032	15:08:59 23 Sep 06	HG	
Hg	.000	ppb	203					
*** Standard: 1 Rep: 3				Seq:	1033	15:11:30 23 Sep 06	HG	
Hg	.000	ppb	204					
*** Standard: 2 Rep: 1				Seq:	1034	15:14:06 23 Sep 06	HG	
Hg	.200	ppb	1438					
*** Standard: 2 Rep: 2				Seq:	1035	15:16:33 23 Sep 06	HG	
Hg	.200	ppb	1413					
*** Standard: 2 Rep: 3				Seq:	1036	15:18:39 23 Sep 06	HG	
Hg	.200	ppb	1378					
*** Standard: 3 Rep: 1				Seq:	1037	15:20:48 23 Sep 06	HG	
Hg	.500	ppb	3436					
*** Standard: 3 Rep: 2				Seq:	1038	15:22:55 23 Sep 06	HG	
Hg	.500	ppb	3474					
*** Standard: 3 Rep: 3				Seq:	1039	15:25:04 23 Sep 06	HG	
Hg	.500	ppb	3433					
*** Standard: 4 Rep: 1				Seq:	1040	15:27:21 23 Sep 06	HG	
Hg	1.00	ppb	7023					
*** Standard: 4 Rep: 2				Seq:	1041	15:29:28 23 Sep 06	HG	
Hg	1.00	ppb	6919					
*** Standard: 4 Rep: 3				Seq:	1042	15:31:34 23 Sep 06	HG	
Hg	1.00	ppb	6832					
*** Standard: 5 Rep: 1				Seq:	1043	15:33:42 23 Sep 06	HG	
Hg	5.00	ppb	34583					
*** Standard: 5 Rep: 2				Seq:	1044	15:36:14 23 Sep 06	HG	
Hg	5.00	ppb	34684					
*** Standard: 5 Rep: 3				Seq:	1045	15:38:23 23 Sep 06	HG	
Hg	5.00	ppb	34987					

POST-RUN REPORT

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

*** Standard: 6 Rep: 1 Seq: 1046 15:40:31 23 Sep 06 HG

Hg 10.0 ppb 69965

*** Standard: 6 Rep: 2 Seq: 1047 15:42:50 23 Sep 06 HG

Hg 10.0 ppb 69441

*** Standard: 6 Rep: 3 Seq: 1048 15:44:58 23 Sep 06 HG

Hg 10.0 ppb 69005

~~*** Check Standard: 2 Ck2 ICV Seq: 1049 15:47:48 23 Sep 06 HG~~

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
~~Hg~~	~~H~~	~~112.~~	~~3.36~~	~~3.00~~	~~ppb~~	~~.000~~

*** Check Standard: 2 Ck2 ICV Seq: 1050 15:54:58 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
~~Hg~~	~~H~~	~~111.~~	~~3.32~~	~~3.00~~	~~ppb~~	~~.000~~

3 DHG 23-06

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

*** Check Standard: 2 Ck2 ICV Seq: 1051 16:06:55 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	3.27	3.00	ppb	.000

*** Check Standard: 3 Ck3 ICB Seq: 1052 16:09:00 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L DHG-23-06	~~-9.06~~	-.005	~~.050~~	ppb	.000

*** Check Standard: 4 Ck4 CRA Seq: 1053 16:11:06 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		94.0	.188	.200	ppb	.000

*** Check Standard: 5 Ck5 CCV Seq: 1054 16:13:25 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.3	4.86	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1055 16:15:31 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L DHG-23-06	~~-7.65~~	.004	~~-.050~~	ppb	.000

*** Sample ID: BLK93918 Seq: 1056 16:17:40 23 Sep 06 HG

Hg .020 ppb .000 .020

*** Sample ID: BKS93918 Seq: 1057 16:19:59 23 Sep 06 HG

Hg 2.81 ppb .000 2.81

*** Sample ID: S 609092-0 Seq: 1058 16:22:07 23 Sep 06 HG
01-012-1/2
Hg .202 ppb .000 .202

*** Sample ID: SP609092-0 Seq: 1059 16:24:34 23 Sep 06 HG
01-012-1/2
Hg 3.15 ppb .000 3.15

*** Sample ID: SD609092-0 Seq: 1060 16:26:40 23 Sep 06 HG
01-012-1/2
Hg 3.13 ppb .000 3.13

*** Sample ID: S 609092-0 Seq: 1061 16:28:52 23 Sep 06 HG
02-016-1/1
Hg .109 ppb .000 .109

*** Sample ID: S 609092-0 Seq: 1062 16:31:21 23 Sep 06 HG
03-017-1/1
Hg .196 ppb .000 .196

*** Sample ID: S 609092-0 Seq: 1063 16:33:51 23 Sep 06 HG
04-018-1/1
Hg .217 ppb .000 .217

*** Sample ID: S 609092-0 Seq: 1064 16:35:59 23 Sep 06 HG
05-019-1/1
Hg .221 ppb .000 .221

*** Sample ID: S 609092-0 Seq: 1065 16:38:10 23 Sep 06 HG
06-020-1/1
Hg .193 ppb .000 .193

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

*** Check Standard: 5 Ck5 CCV Seq: 1066 16:40:18 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 95.2 4.76 5.00 ppb .000

*** Check Standard: 6 Ck6 CCB Seq: 1067 16:42:27 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg ~~L 8.48~~ -.004 ~~.050~~ ppb .000
9-23-06

*** Sample ID: S 609092-0 Seq: 1068 16:44:35 23 Sep 06 HG
07-021-1/1
Hg .161 ppb .000 .161

*** Sample ID: S 609092-0 Seq: 1069 16:46:50 23 Sep 06 HG
08-022-1/1
Hg .250 ppb .000 .250

*** Sample ID: S 609092-0 Seq: 1070 16:48:55 23 Sep 06 HG
09-023-1/1
Hg .179 ppb .000 .179

*** Sample ID: S 609092-0 Seq: 1071 16:51:42 23 Sep 06 HG
10-024-1/1
Hg .161 ppb .000 .161

*** Sample ID: S 609043-0 Seq: 1072 16:53:47 23 Sep 06 HG
01-001-1/1
Hg .084 ppb .000 .084

*** Sample ID: S 609043-0 Seq: 1073 16:56:04 23 Sep 06 HG
02-002-1/1
Hg .179 ppb .000 .179

*** Sample ID: S 609043-0 Seq: 1074 16:59:00 23 Sep 06 HG
03-003-1/1
Hg .114 ppb .000 .114

*** Sample ID: S 609043-0 Seq: 1075 17:01:30 23 Sep 06 HG
04-013-1/3
Hg 42.4 ppb .000 42.4

over cal 9-23-06

*** Sample ID: SP609043-0 Seq: 1076 17:03:49 23 Sep 06 HG
04-013-1/3
Hg 34.1 ppb .000 34.1

*** Sample ID: SD609043-0 Seq: 1077 17:06:58 23 Sep 06 HG
04-013-1/3
Hg 46.6 ppb .000 46.6

*** Check Standard: 5 Ck5 CCV Seq: 1078 17:09:05 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 91.9 4.60 5.00 ppb .000

*** Check Standard: 6 Ck6 CCB Seq: 1079 17:11:21 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg ~~L 40.8~~ -.020 ~~.050~~ ppb .000

9-23-06

*** Sample ID: S 609043-0 Seq: 1080 17:14:32 23 Sep 06 HG
09-004-1/1
Hg .529 ppb .000 .529

5
KM 9.25.06

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

*** Sample ID: S 609043-0 Seq: 1081 17:16:53 23 Sep 06 HG
10-005-1/1
Hg 1.33 ppb .000 1.33

*** Sample ID: S 609043-0 Seq: 1082 17:19:49 23 Sep 06 HG
11-006-1/1
Hg 2.11 ppb .000 2.11

*** Sample ID: S 609057-0 Seq: 1083 17:21:59 23 Sep 06 HG
01-001-1/1
Hg 166. ppb .000 166.

Overcal
dil 1:100 dilution
KM 9-23-06

*** Check Standard: 5 Ck5 CCV Seq: 1084 17:38:17 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.18	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1085 17:40:29 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	~~L~~	~~25.5~~	.013	~~.050~~	ppb	.000

KM 9-23-06

*** Sample ID: S 609043-0 Seq: 1086 17:42:45 23 Sep 06 HG
04-013-1/3 DF=10
Hg 4.95 ppb .000 4.95

*** Sample ID: SP609043-0 Seq: 1087 17:45:44 23 Sep 06 HG
04-013-1/3 DF=10
Hg 3.86 ppb .000 3.86

*** Sample ID: SD609043-0 Seq: 1088 17:48:14 23 Sep 06 HG
04-013-1/3 DF=10
Hg 5.35 ppb .000 5.35

*** Sample ID: PS609043-0 Seq: 1089 17:50:19 23 Sep 06 HG
04-013-1/3 DF=10
Hg 5.93 ppb .000 5.93

*** Sample ID: S 609057-0 Seq: 1090 17:52:49 23 Sep 06 HG
01-001-1/1 DF=100
Hg 2.80 ppb .000 2.80

*** Sample ID: BLK93919 Seq: 1091 17:55:07 23 Sep 06 HG

Hg .001 ppb .000 .001

*** Sample ID: BKS93919 Seq: 1092 17:57:24 23 Sep 06 HG

Hg 2.94 ppb .000 2.94

*** Sample ID: S 609049-0 Seq: 1093 17:59:31 23 Sep 06 HG
01-013-1/2
Hg .357 ppb .000 .357

*** Sample ID: S 609049-0 Seq: 1094 18:01:51 23 Sep 06 HG
02-015-1/2
Hg .213 ppb .000 .213

*** Sample ID: S 609049-0 Seq: 1095 18:04:19 23 Sep 06 HG
03-017-1/2
Hg 84.0 ppb .000 84.0

over.
KM 9-23-06

9-23-06

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

*** Sample ID: S 609049-0            Seq:  1096   18:06:31 23 Sep 06   HG
                              04-019-1/2
Hg     .201    ppb        .000      .201

*** Check Standard: 5  Ck5 CCV      Seq:  1097   18:11:55 23 Sep 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     5.26    5.00   ppb        .000

*** Check Standard: 6  Ck6 CCB      Seq:  1098   18:14:06 23 Sep 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg     L    47.7     .024    .050   ppb        .000
```

5 9-23-06

```
*** Sample ID: S 609049-0            Seq:  1099   18:16:22 23 Sep 06   HG
                              03-017-1/2 DF=10
Hg    9.48    ppb        .000      9.48

*** Sample ID: S 609049-0            Seq:  1100   18:18:39 23 Sep 06   HG
                              04-019-1/2 RERUN
Hg     .249    ppb        .000      .249

*** Sample ID: S 609053-0            Seq:  1101   18:20:49 23 Sep 06   HG
                              01-001-1/2
Hg     .293    ppb        .000      .293

*** Sample ID: S 609053-0            Seq:  1102   18:23:29 23 Sep 06   HG
                              02-003-1/2
Hg     .251    ppb        .000      .251

*** Sample ID: S 609053-0            Seq:  1103   18:25:38 23 Sep 06   HG
                              03-005-1/2
Hg     .165    ppb        .000      .165

*** Sample ID: S 609053-0            Seq:  1104   18:27:45 23 Sep 06   HG
                              04-011-1/1
Hg     .365    ppb        .000      .365

*** Sample ID: S 609053-0            Seq:  1105   18:30:22 23 Sep 06   HG
                              05-012-1/1
Hg     .201    ppb        .000      .201

*** Sample ID: S 609053-0            Seq:  1106   18:32:30 23 Sep 06   HG
                              07-014-1/1
Hg     .204    ppb        .000      .204

*** Sample ID: S 609053-0            Seq:  1107   18:34:38 23 Sep 06   HG
                              10-007-1/2
Hg     .140    ppb        .000      .140

*** Sample ID: S 609053-0            Seq:  1108   18:36:48 23 Sep 06   HG
                              11-009-1/2
Hg     .128    ppb        .000      .128

*** Check Standard: 5  Ck5 CCV      Seq:  1109   18:39:21 23 Sep 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     5.24    5.00   ppb        .000

*** Check Standard: 6  Ck6 CCB      Seq:  1110   18:41:31 23 Sep 06   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg     L    44.0     .022    .050   ppb        .000
```

9-23-06

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

*** Sample ID: S 609054-0 Seq: 1111 18:43:37 23 Sep 06 HG
02-008-1/2

Hg	.258	ppb	.000	.258

*** Sample ID: S 609054-0 Seq: 1112 18:45:44 23 Sep 06 HG
03-010-1/2

Hg	.041	ppb	.000	.041

*** Sample ID: S 609054-0 Seq: 1113 18:48:00 23 Sep 06 HG
04-012-1/2

Hg	.154	ppb	.000	.154

*** Sample ID: S 609054-0 Seq: 1114 18:50:07 23 Sep 06 HG
05-014-1/2

Hg	.148	ppb	.000	.148

*** Sample ID: S 609054-0 Seq: 1115 18:52:18 23 Sep 06 HG
06-005-1/3

Hg	.410	ppb	.000	.410

*** Sample ID: SP609054-0 Seq: 1116 18:54:36 23 Sep 06 HG
06-005-1/3

Hg	3.75	ppb	.000	3.75

*** Sample ID: SD609054-0 Seq: 1117 18:56:49 23 Sep 06 HG
06-005-1/3

Hg	3.74	ppb	.000	3.74

*** Sample ID: S 609090-0 Seq: 1118 18:58:58 23 Sep 06 HG
01-001-1/1

Hg	7.82	ppb	.000	7.82

*** Sample ID: SP609090-0 Seq: 1119 19:01:15 23 Sep 06 HG
01-001-1/1

Hg	8.85	ppb	.000	8.85

*** Sample ID: SD609090-0 Seq: 1120 19:03:24 23 Sep 06 HG
01-001-1/1

OVERRUN
DJG 9-23-06

Hg	11.4	ppb	.000	11.4

*** Check Standard: 5 Ck5 CCV Seq: 1121 19:05:42 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.25	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1122 19:08:08 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		52.9	.026	.050	ppb	.000

*** Sample ID: S 609090-0 Seq: 1123 19:10:27 23 Sep 06 HG
02-002-1/1

Hg	3.81	ppb	.000	3.81

*** Sample ID: PS609090-0 Seq: 1124 19:14:32 23 Sep 06 HG
01-001-1/1

Hg	7.98	ppb	.000	7.98

1 ppb post spk
0.076 ml of 0.1 ppm Hg to 10 mL of sample.
DJG 9-23-06

*** Sample ID: SD609090-0 Seq: 1125 19:17:32 23 Sep 06 HG
01-001-1/1 DF=2

Hg	5.48	ppb	.000	5.48

DM9/25/06

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

*** Sample ID: PS609090-0            Seq:  1126   19:24:54 23 Sep 06   HG
                              01-001-1/1 PS=2PPB
Hg     9.01    ppb       .000      9.01

*** Check Standard: 5  Ck5 CCV       Seq:  1127   19:27:03 23 Sep 06   HG
Line   Flag  %Rcv.   Found    True  Units      SD/RSD
Hg           97.2     4.86    5.00   ppb        .000

*** Check Standard: 6  Ck6 CCB       Seq:  1128   19:34:24 23 Sep 06   HG
Line   Flag  %Rcv.   Found    True  Units      SD/RSD
Hg       L  -656.   -.328    .050   ppb        .000

*** Sample ID: CRIF                  Seq:  1129   19:39:44 23 Sep 06   HG

Hg     .157    ppb       .000      .157

*** Check Standard: 5  Ck5 CCV       Seq:  1130   19:41:51 23 Sep 06   HG
Line   Flag  %Rcv.   Found    True  Units      SD/RSD
Hg           95.6     4.78    5.00   ppb        .000

*** Check Standard: 6  Ck6 CCB       Seq:  1131   19:44:27 23 Sep 06   HG
Line   Flag  %Rcv.   Found    True  Units      SD/RSD
Hg       H   1310     .654    .050   ppb        .000

*** Check Standard: 3  Ck3 CCB       Seq:  1132   19:48:07 23 Sep 06   HG
Line   Flag  %Rcv.   Found    True  Units      SD/RSD
Hg       L  -62.7   -.031    .050   ppb        .000
```

DM9-25-06

DM9-25-06

DM9-25-06

Metals Preparation & Sample Description Log

Date: 09-21-06 Prep: 200.7 / 3005A / 3020A / 3050B (SIEVED) / 3010A / ILC03.1 / ILM04.1 / ILM05.3 Batch No: 180- 136

Analyst: MII Comments: MOD BLOCK DIGESTION (Soil- Sieved)

Reviewed by: RA Date: 9-27-06 Spike Witness: [illegible] Pep. Seq: 93951

	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	136		1.00	100	S				Clear	-
2	BKS	136		1.00							-
3	609053	001	-001-½	1.12		Soil	Brown	Yellow	Med		-
4		002	-003-½	1.12							
5		003	-005-½	1.08							
6		004	-011-½	1.06							
7		005	-012-½	1.16							
8		006	-013-½	1.12							
9		007	-014-½	1.24							
10		008	-015-½	1.19							
11		009	-016-½	1.20							
12		010	-002-½	1.25							
13		011	-009-½	1.18							
14		012	-017-½	1.16							
15	609054	001	-001-½	1.13							
16		002	-008-½	1.21							
17		003	-010-½	1.22							
18		004	-012-½	1.25							
19		005	-014-½	1.12							
20		006	-005-½	1.23							
21		MS		1.27							
22		MSD		1.29							
23		007	-002-½	1.12							
24		008	-003-½	1.14					MII	09-21-06	

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 Nel, 10ML Nel CNC, 7ML Peroxide, 10ML HCL CNC

Temperature, C: 94°C

HNO3(1+1) ID: pp-057-129-02

HNO3(conc) ID: pp-129-08-11

HCl(conc) ID: pp-129-08-10

HCl(1+1) ID: -

Peroxide ID: 2004e (L2984 08-0)

Mercury Digestion Log

Method: 7470A (7471A) / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 3 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: KC 29/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		BLK 93919	soil	0.6	100	0	15.0
	DH 9-22-06	BKS 93919	↓	0.6	↓	3.0	↓
609049-001	~~013~~	013-1/2	Soil	0.929	↓	0	↓
2	015-1/2		↓	0.797	↓	↓	↓
3	017-1/2		↓	0.675	↓	↓	↓
4	019-1/2		↓	0.623	↓	↓	↓
609053-001	001-1/2		↓	0.725	↓	↓	↓
2	003-1/2		↓	0.672	↓	↓	↓
3	005-1/2		↓	0.652	↓	↓	↓
4	011-1/1		↓	0.773	↓	↓	↓
5	012-1/1		↓	0.696	↓	↓	↓
7	014-1/1		↓	0.621	↓	↓	↓
-010	007-1/2		↓	0.626	↓	↓	↓
-011	009-1/2		↓	0.617	↓	↓	↓
609054-002	008-1/2		↓	0.636	↓	↓	↓
3	010-1/2		↓	0.811	↓	↓	↓
4	012-1/2		↓	0.681	↓	↓	↓
5	014-1/2		↓	0.635	↓	↓	↓
6	005-1/3	(ac below)	↓	0.612	↓	↓	↓
609090-001	001-1/1		↓	0.862	↓	↓	↓
↓	↓	MS	↓	0.752	↓	3.0	↓
↓	↓	MSD	↓	0.772	↓	3.0	↓
002	002-1/1		↓	0.652	↓	0	↓
609054-006	005-1/3	MS	↓	0.642	↓	3.0	↓
006	↓	MSD	↓	0.645	↓	3.0	↓
		DH 9-22-06					

50% Aqua regia:	129-124-3	Spiking Solution Conc:	0.1 PPM Hg
HNO3:	—	Std/CRA/BKS/Spk:	38193
H2SO4:	—	(2nd source) ICV:	38097
KMnO4:	129-121-3	H2O Bath Temp: 95	In Time: 1830
K2S2O8:	—	H2O Bath Temp: 95	Out Time: 1832
NH2OH*HCl:	129-123-2	H2O Bath Temp: 95	In Time: 1945
Comments:		H2O Bath Temp: 95	Out Time: 2015

609053, 054 were from stored bottles.

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 2 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: KC 25/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		S0	W	100	100	0	15.0
		S0.2				0.2	
		S0.5				0.5	
		S1.0				1.0	
		S5.0				5.0	
		S10.0				10.0	
		ICV				0.3	
		ICB				0	

DH 9-22-06

50% Aqua regia:	129-124-3	Spiking Solution Conc:	0.1 PPM Hg
HNO3:	—	Std/CRA/BKS/Spk:	38193
H2SO4:	—	(2nd source) ICV:	38097
KMnO4:	129-121-3	H2O Bath Temp: 95°C	In Time: 1830
K2S2O8:	—	H2O Bath Temp: 95°C	Out Time: 1832
NH2OH*HCl:	129-123-2	H2O Bath Temp: 95°C	In Time: 1945
Comments:		H2O Bath Temp: 95°C	Out Time: 2015

Mercury Digestion Log

Method: 7470A (7471A) / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 1 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: [illegible] 23/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		BLK93918	soil	0.6	100	0	15.0
		BKS 93918		0.6		3.0	
609092-001	012-1/2			0.612		0	
		MS		0.616		3.0	
		MSD		0.624		3.0	
2	-016-1/1			0.645		0	
3	-017			0.612			
4	-018			0.636			
5	-019			0.676			
6	-020			0.675			
7	-021			0.628			
8	-022			0.645			
9	-023			0.623			
-010	024			0.660			
609043-001	-001-1/1			0.607			
2	002-			0.655			
3	003-		soil	~~0.719~~ 0.729			
4	013-1/2 ~~004~~	MS DH 9-22-06	soil	0.729			
	013 1/3	MS		0.625		3.0	
	013 1/3	MSD		0.841		3.0	
9	-004-1/1			0.718		0	
010	-005-1/1			0.690			
011	-006-1/1			0.647			
609057-001	-001-1/1			0.646			
		DH 9-22-06					

50% Aqua regia:	129-124-3	Spiking Solution Conc:	0.1 PPM Hg
HNO3:	—	Std/CRA/BKS/Spk:	~~38263~~ DH 9-26-06 38193
H2SO4:	—	(2nd source) ICV:	38097
KMnO4:	129-121-3	H2O Bath Temp: 95	In Time: 1830
K2S2O8:	—	H2O Bath Temp: 95	Out Time: 1832
NH2OH*HCl:	129-123-2	H2O Bath Temp: 95	In Time: 1945
Comments:		H2O Bath Temp: 95	Out Time: 20:15

Std's on page 9 609043-004 looks like crude oil

GPL Laboratories, LLLP
Percent Solids Determination Log

Method Title: CLP_SOLIDS
Analyst: ISAAC ERUSIAFE
Method Reference: Percent Solids by CLP
Reviewed By/Date:
Analytical Balance ID: Saratorius CP153
Analytical Batch: 91752
Date/Time In (Oven): 09/14/2006 11:28
Oven Temperature: 105C
Date/Time Out (Oven): 09/15/2006 11:28
Oven Temperature: 105C
Dessicator Temp: 21C
% Humidity (<20%): 12%

Drying Oven Temp Maintained at 103-105C

SDG	Lab Sample ID	Client Sample ID	Weight of Dish	Weight of Wet Sample + Dish	Weight of Dry Sample + Dish	Percent Moisture	Percent Solids	RPD (<20)
609053	609053-001-001-1/2	A056 NWO-017-0042	1.3240g	10.9080g	9.6790g	12.8%	87.2%	
609053	609053-002-003-1/2	A056 NWO-017-0043	1.3200g	10.1740g	9.0080g	13.2%	86.8%	
609053	609053-003-005-1/2	A055 NWO-017-0041	1.3210g	10.4670g	9.5280g	10.3%	89.7%	
609053	609053-004-011-1/1	A065 NWO-017-5002	1.3190g	10.6960g	9.6680g	11.0%	89.0%	
609053	609053-005-012-1/1	A066 NWO-017-5003	1.3280g	10.1860g	9.7160g	5.3%	94.7%	
609053	609053-006-013-1/1	A008 NWO-017-0009	1.3160g	10.5080g	9.8150g	7.5%	92.5%	
609053	609053-007-014-1/1	A067 NWO-017-5004	1.3310g	10.5480g	9.9950g	6.0%	94.0%	
609053	609053-008-015-1/1	A016 NWO-017-0015R	1.3360g	10.8270g	9.4110g	14.9%	85.1%	
609053	609053-009-016-1/1	A017 NWO-017-0016R	1.3310g	10.3420g	8.8070g	17.0%	83.0%	
609053	609053-010-007-1/2	A052 NWO-017-	1.3280g	10.2120g	9.4020g	9.1%	90.9%	
609053	609053-011-009-1/2	A052 NWO-017-0040RR	1.3260g	10.9670g	10.1100g	8.9%	91.1%	
609053	609053-012-017-1/1	A012 NWO-017-0011	1.3300g	10.8210g	8.8190g	21.1%	78.9%	
609054	609054-001-001-1/1	A014 NWO-017-0013	1.3300g	10.1250g	8.9110g	13.8%	86.2%	
609054	609054-002-008-1/2	A057 NWO-017-1010R	1.3340g	10.6070g	5.0850g	59.6%	40.5%	
609054	609054-003-010-1/2	A053 NWO-017-1009R	1.3250g	10.8060g	8.8070g	21.1%	78.9%	
609054	609054-004-012-1/2	A051 NWO-017-0039R	1.3230g	10.1660g	9.4550g	8.0%	92.0%	
609054	609054-005-014-1/2	A052 NWO-017-0040R	1.3330g	10.3940g	9.6340g	8.4%	91.6%	
609054	609054-006-005-1/3	A064 NWO-017-5001	1.3300g	10.4940g	9.1970g	14.2%	85.9%	
609054	609054-006-005-1/3D	A064 NWO-017-5001	1.3620g	10.4470g	9.1680g	14.1%	85.9%	0.1
609054	609054-007-002-1/1	A019 NWO-017-0018R	1.3540g	10.7130g	9.5650g	12.3%	87.7%	
609054	609054-008-003-1/1	A019 NWO-017-	1.3230g	10.7370g	9.6600g	11.4%	88.6%	
609054	609054-009-004-1/1	A018 NWO-017-0017R	1.3370g	10.1820g	8.8490g	15.1%	84.9%	
609055	609055-004-013-1/1	C7-CWM-SO-X49-	1.3220g	10.8380g	9.5230g	13.8%	86.2%	
609055	609055-005-059-1/3	C7-CWM-SO-X49-	1.3320g	10.3760g	8.9120g	16.2%	83.8%	
609055	609055-005-059-1/3D	C7-CWM-SO-X49-	1.3340g	10.3900g	9.0180g	15.2%	84.9%	1.2
609055	609055-006-014-1/1	C7-CWM-SO-X53-SN01-	1.3350g	10.4350g	9.5400g	9.8%	90.2%	
609055	609055-007-015-1/1	C7-CWM-SO-DUP12	1.3360g	10.3490g	8.7360g	17.9%	82.1%	

GPL Laboratories, LLLP
Percent Solids Determination Log

Method Title:	CLP_SOLIDS	**Analyst:**	ISAAC ERUSIAFE
Method Reference:	Percent Solids by CLP	**Reviewed By/Date:**	
Analytical Balance ID:	Saratorius CP153	**Analytical Batch:**	91752
Date/Time In (Oven):	09/14/2006 11:28	**Oven Temperature:**	105C
Date/Time Out (Oven):	09/15/2006 11:28	**Oven Temperature:**	105C
Dessicator Temp:	21C	**% Humidity (<20%):**	12%

Drying Oven Temp Maintained at 103-105C

SDG	Lab Sample ID	Client Sample ID	Weight of Dish	Weight of Wet Sample + Dish	Weight of Dry Sample + Dish	Percent Moisture	Percent Solids	RPD (<20)
609055	609055-008-016-1/1	C7-CWM-SL-X53-SN01-	1.3360g	10.3460g	6.8260g	39.1%	60.9%	
609055	609055-009-017-1/1	C7-CWM-SL-DUP3	1.3310g	10.4690g	7.3300g	34.4%	65.7%	
609055	609055-010-018-1/1	C7-CWM-SO-X55-	1.3370g	10.4790g	9.3450g	12.4%	87.6%	
609055	609055-012-019-1/1	C7-CWM-SO-X55-SN01-	1.3340g	10.3670g	9.1870g	13.1%	86.9%	
609055	609055-013-012-1/1	C7-CWM-SL-X55-SN01-	1.3340g	10.3880g	3.5090g	76.0%	24.0%	
609060	609060-005-057-1/2	C7-CWM-SO-X56-	1.3390g	10.2320g	8.7110g	17.1%	82.9%	
609060	609060-006-059-1/2	C7-CWM-SO-DUP 13	1.3310g	10.3400g	8.7770g	17.4%	82.7%	
609060	609060-007-061-1/2	C7-CWM-SO-X58-SN01-	1.3400g	10.3090g	9.3310g	10.9%	89.1%	
609060	609060-008-063-1/2	C7-CWM-SO-X59-	1.3360g	10.1390g	8.5450g	18.1%	81.9%	
609060	609060-009-065-1/2	C7-CWM-SO-X60-	1.3430g	10.1780g	8.9020g	14.4%	85.6%	

	Description {90}	A n	Sample Id {92}	ST Sam	Method {94}	Results {95}	RL Raw {96}	R	Raw Results	Multiplier {99}	Reporti ng	Raw Unt	nFinal Result	Sort Order	spk Amount	% Recover	Raw Final {110}
1																	
2																	
3																	
4	Percent Solids	AN	609053-001-	SMP	CLP_SOLI	87.18	1.0000	☑	87.1800	00000000	PER	PER	87.1800	0	0.0000	0.00	87.1800
5	Percent Solids	AN	609053-002-	SMP	CLP_SOLI	86.83	1.0000	☑	86.8300	00000000	PER	PER	86.8300	0	0.0000	0.00	86.8300
6	Percent Solids	AN	609053-003-	SMP	CLP_SOLI	89.73	1.0000	☑	89.7300	00000000	PER	PER	89.7300	0	0.0000	0.00	89.7300
7	Percent Solids	AN	609053-004-	SMP	CLP_SOLI	89.04	1.0000	☑	89.0400	00000000	PER	PER	89.0400	0	0.0000	0.00	89.0400
8	Percent Solids	AN	609053-005-	SMP	CLP_SOLI	94.69	1.0000	☑	94.6900	00000000	PER	PER	94.6900	0	0.0000	0.00	94.6900
9	Percent Solids	AN	609053-006-	SMP	CLP_SOLI	92.46	1.0000	☑	92.4600	00000000	PER	PER	92.4600	0	0.0000	0.00	92.4600
10	Percent Solids	AN	609053-007-	SMP	CLP_SOLI	94	1.0000	☑	94.0000	00000000	PER	PER	94.0000	0	0.0000	0.00	94.0000
11	Percent Solids	AN	609053-008-	SMP	CLP_SOLI	85.08	1.0000	☑	85.0800	00000000	PER	PER	85.0800	0	0.0000	0.00	85.0800
12	Percent Solids	AN	609053-009-	SMP	CLP_SOLI	82.97	1.0000	☑	82.9700	00000000	PER	PER	82.9700	0	0.0000	0.00	82.9700
13	Percent Solids	AN	609053-010-	SMP	CLP_SOLI	90.88	1.0000	☑	90.8800	00000000	PER	PER	90.8800	0	0.0000	0.00	90.8800
14	Percent Solids	AN	609053-011-	SMP	CLP_SOLI	91.11	1.0000	☑	91.1100	00000000	PER	PER	91.1100	0	0.0000	0.00	91.1100
15	Percent Solids	AN	609053-012-	SMP	CLP_SOLI	78.91	1.0000	☑	78.9100	00000000	PER	PER	78.9100	0	0.0000	0.00	78.9100
16	Percent Solids	AN	609054-001-	SMP	CLP_SOLI	86.2	1.0000	☑	86.2000	00000000	PER	PER	86.2000	0	0.0000	0.00	86.2000
17	Percent Solids	AN	609054-002-	SMP	CLP_SOLI	40.45	1.0000	☑	40.4500	00000000	PER	PER	40.4500	0	0.0000	0.00	40.4500
18	Percent Solids	AN	609054-003-	SMP	CLP_SOLI	78.92	1.0000	☑	78.9200	00000000	PER	PER	78.9200	0	0.0000	0.00	78.9200
19	Percent Solids	AN	609054-004-	SMP	CLP_SOLI	91.96	1.0000	☑	91.9600	00000000	PER	PER	91.9600	0	0.0000	0.00	91.9600
20	Percent Solids	AN	609054-005-	SMP	CLP_SOLI	91.61	1.0000	☑	91.6100	00000000	PER	PER	91.6100	0	0.0000	0.00	91.6100
21	Percent Solids	AN	609054-006-	MD /	CLP_SOLI	85.92	1.0000	☑	85.9200	00000000	PER	PER	85.9200	0	0.0000	0.00	85.9200
22	Percent Solids	AN	609054-006-	SMP	CLP_SOLI	85.85	1.0000	☑	85.8500	00000000	PER	PER	85.8500	0	0.0000	0.00	85.8500
23	Percent Solids	AN	609054-007-	SMP	CLP_SOLI	87.73	1.0000	☑	87.7300	00000000	PER	PER	87.7300	0	0.0000	0.00	87.7300
24	Percent Solids	AN	609054-008-	SMP	CLP_SOLI	88.56	1.0000	☑	88.5600	00000000	PER	PER	88.5600	0	0.0000	0.00	88.5600
25	Percent Solids	AN	609054-009-	SMP	CLP_SOLI	84.93	1.0000	☑	84.9300	00000000	PER	PER	84.9300	0	0.0000	0.00	84.9300
26	Percent Solids	AN	609055-004-	SMP	CLP_SOLI	86.18	1.0000	☑	86.1800	00000000	PER	PER	86.1800	0	0.0000	0.00	86.1800
27	Percent Solids	AN	609055-005-	MD /	CLP_SOLI	84.85	1.0000	☑	84.8500	00000000	PER	PER	84.8500	0	0.0000	0.00	84.8500
28	Percent Solids	AN	609055-005-	SMP	CLP_SOLI	83.81	1.0000	☑	83.8100	00000000	PER	PER	83.8100	0	0.0000	0.00	83.8100
29	Percent Solids	AN	609055-006-	SMP	CLP_SOLI	90.16	1.0000	☑	90.1600	00000000	PER	PER	90.1600	0	0.0000	0.00	90.1600
30	Percent Solids	AN	609055-007-	SMP	CLP_SOLI	82.1	1.0000	☑	82.1000	00000000	PER	PER	82.1000	0	0.0000	0.00	82.1000
31	Percent Solids	AN	609055-008-	SMP	CLP_SOLI	60.93	1.0000	☑	60.9300	00000000	PER	PER	60.9300	0	0.0000	0.00	60.9300
32	Percent Solids	AN	609055-009-	SMP	CLP_SOLI	65.65	1.0000	☑	65.6500	00000000	PER	PER	65.6500	0	0.0000	0.00	65.6500
33	Percent Solids	AN	609055-010-	SMP	CLP_SOLI	87.6	1.0000	☑	87.6000	00000000	PER	PER	87.6000	0	0.0000	0.00	87.6000
34	Percent Solids	AN	609055-012-	SMP	CLP_SOLI	86.94	1.0000	☑	86.9400	00000000	PER	PER	86.9400	0	0.0000	0.00	86.9400
35	Percent Solids	AN	609055-013-	SMP	CLP_SOLI	24.02	1.0000	☑	24.0200	00000000	PER	PER	24.0200	0	0.0000	0.00	24.0200
36	Percent Solids	AN	609060-005-	SMP	CLP_SOLI	82.9	1.0000	☑	82.9000	00000000	PER	PER	82.9000	0	0.0000	0.00	82.9000
37	Percent Solids	AN	609060-006-	SMP	CLP_SOLI	82.65	1.0000	☑	82.6500	00000000	PER	PER	82.6500	0	0.0000	0.00	82.6500
38	Percent Solids	AN	609060-007-	SMP	CLP_SOLI	89.1	1.0000	☑	89.1000	00000000	PER	PER	89.1000	0	0.0000	0.00	89.1000
39	Percent Solids	AN	609060-008-	SMP	CLP_SOLI	81.89	1.0000	☑	81.8900	00000000	PER	PER	81.8900	0	0.0000	0.00	81.8900
40	Percent Solids	AN	609060-009-	SMP	CLP_SOLI	85.56	1.0000	☑	85.5600	00000000	PER	PER	85.5600	0	0.0000	0.00	85.5600

	Description {90}	An	Sample Id {92}	Flag {111}	Val	Rpd {113}	Rpd Limit	N	mdl {125}	S	Retention Time	LCL {131	UCL {132	Moisture	Final Reporting	Final MDL {139}	Valid.Comments {145}	Anal Multiplier	Prep Multiplier
1																			
2																			
3																			
4	Percent Solids	AN	609053-001-			0		1	1.0000					12.82	1.000	1.00000		1.000	
5	Percent Solids	AN	609053-002-			0		1	1.0000					13.17	1.000	1.00000		1.000	
6	Percent Solids	AN	609053-003-			0		1	1.0000					10.27	1.000	1.00000		1.000	
7	Percent Solids	AN	609053-004-			0		1	1.0000					10.96	1.000	1.00000		1.000	
8	Percent Solids	AN	609053-005-			0		1	1.0000					5.31	1.000	1.00000		1.000	
9	Percent Solids	AN	609053-006-			0		1	1.0000					7.54	1.000	1.00000		1.000	
10	Percent Solids	AN	609053-007-			0		1	1.0000					6	1.000	1.00000		1.000	
11	Percent Solids	AN	609053-008-			0		1	1.0000					14.92	1.000	1.00000		1.000	
12	Percent Solids	AN	609053-009-			0		1	1.0000					17.03	1.000	1.00000		1.000	
13	Percent Solids	AN	609053-010-			0		1	1.0000					9.12	1.000	1.00000		1.000	
14	Percent Solids	AN	609053-011-			0		1	1.0000					8.89	1.000	1.00000		1.000	
15	Percent Solids	AN	609053-012-			0		1	1.0000					21.09	1.000	1.00000		1.000	
16	Percent Solids	AN	609054-001-			0		1	1.0000					13.8	1.000	1.00000		1.000	
17	Percent Solids	AN	609054-002-			0		1	1.0000					59.55	1.000	1.00000		1.000	
18	Percent Solids	AN	609054-003-			0		1	1.0000					21.08	1.000	1.00000		1.000	
19	Percent Solids	AN	609054-004-			0		1	1.0000					8.04	1.000	1.00000		1.000	
20	Percent Solids	AN	609054-005-			0		1	1.0000					8.39	1.000	1.00000		1.000	
21	Percent Solids	AN	609054-006-			0		1	1.0000					14.08	1.000	1.00000		1.000	
22	Percent Solids	AN	609054-006-			0		1	1.0000					14.15	1.000	1.00000		1.000	
23	Percent Solids	AN	609054-007-			0		1	1.0000					12.27	1.000	1.00000		1.000	
24	Percent Solids	AN	609054-008-			0		1	1.0000					11.44	1.000	1.00000		1.000	
25	Percent Solids	AN	609054-009-			0		1	1.0000					15.07	1.000	1.00000		1.000	
26	Percent Solids	AN	609055-004-			0		1	1.0000					13.82	1.000	1.00000		1.000	
27	Percent Solids	AN	609055-005-			1		1	1.0000					15.15	1.000	1.00000		1.000	
28	Percent Solids	AN	609055-005-			0		1	1.0000					16.19	1.000	1.00000		1.000	
29	Percent Solids	AN	609055-006-			0		1	1.0000					9.84	1.000	1.00000		1.000	
30	Percent Solids	AN	609055-007-			0		1	1.0000					17.9	1.000	1.00000		1.000	
31	Percent Solids	AN	609055-008-			0		1	1.0000					39.07	1.000	1.00000		1.000	
32	Percent Solids	AN	609055-009-			0		1	1.0000					34.35	1.000	1.00000		1.000	
33	Percent Solids	AN	609055-010-			0		1	1.0000					12.4	1.000	1.00000		1.000	
34	Percent Solids	AN	609055-012-			0		1	1.0000					13.06	1.000	1.00000		1.000	
35	Percent Solids	AN	609055-013-			0		1	1.0000					75.98	1.000	1.00000		1.000	
36	Percent Solids	AN	609060-005-			0		1	1.0000					17.1	1.000	1.00000		1.000	
37	Percent Solids	AN	609060-006-			0		1	1.0000					17.35	1.000	1.00000		1.000	
38	Percent Solids	AN	609060-007-			0		1	1.0000					10.9	1.000	1.00000		1.000	
39	Percent Solids	AN	609060-008-			0		1	1.0000					18.11	1.000	1.00000		1.000	
40	Percent Solids	AN	609060-009-			0		1	1.0000					14.44	1.000	1.00000		1.000	

	Sample Id	Clas	Method	Q	Anal Date	Tech	SEQ No.	Multip	M	Prep	R	Client	A	B	C	Calculate	Meth	Col	Col	C	Perce	Last QC Sample
1																						
2																						
3																						
4	609053-001-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A056 N	1.32400	10.90800	9.67900	87.1765	1.0000			1	12.82	
5	609053-002-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A056 N	1.32000	10.17400	9.00800	86.8308	1.0000			1	13.17	
6	609053-003-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A055 N	1.32100	10.46700	9.52800	89.7332	1.0000			1	10.27	
7	609053-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A065 N	1.31900	10.69600	9.66800	89.0370	1.0000			1	10.96	
8	609053-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A066 N	1.32800	10.18600	9.71600	94.6941	1.0000			1	5.31	
9	609053-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A008 N	1.31600	10.50800	9.81500	92.4608	1.0000			1	7.54	
10	609053-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A067 N	1.33100	10.54800	9.99500	94.0002	1.0000			1	6.00	
11	609053-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A016 N	1.33600	10.82700	9.41100	85.0806	1.0000			1	14.92	
12	609053-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A017 N	1.33100	10.34200	8.80700	82.9653	1.0000			1	17.03	
13	609053-010-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.32800	10.21200	9.40200	90.8825	1.0000			1	9.12	
14	609053-011-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.32600	10.96700	10.11000	91.1109	1.0000			1	8.89	
15	609053-012-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A012 N	1.33000	10.82100	8.81900	78.9063	1.0000			1	21.09	
16	609054-001-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A014 N	1.33000	10.12500	8.91100	86.1967	1.0000			1	13.80	
17	609054-002-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A057 N	1.33400	10.60700	5.08500	40.4508	1.0000			1	59.55	
18	609054-003-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A053 N	1.32500	10.80600	8.80700	78.9157	1.0000			1	21.08	
19	609054-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A051 N	1.32300	10.16600	9.45500	91.9597	1.0000			1	8.04	
20	609054-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.33300	10.39400	9.63400	91.6124	1.0000			1	8.39	
21	609054-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A064 N	1.33000	10.49400	9.19700	85.8468	1.0000			1	14.15	
22	609054-006-0	MD	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A064 N	1.36200	10.44700	9.16800	85.9218	1.0000			1	14.08	
23	609054-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A019 N	1.35400	10.71300	9.56500	87.7337	1.0000			1	12.27	
24	609054-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A019 N	1.32300	10.73700	9.66000	88.5596	1.0000			1	11.44	
25	609054-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A018 N	1.33700	10.18200	8.84900	84.9293	1.0000			1	15.07	
26	609055-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.32200	10.83800	9.52300	86.1812	1.0000			1	13.82	
27	609055-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33200	10.37600	8.91200	83.8125	1.0000			1	16.19	
28	609055-005-0	MD	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.39000	9.01800	84.8498	1.0000			1	15.15	
29	609055-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33500	10.43500	9.54000	90.1648	1.0000			1	9.84	
30	609055-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.34900	8.73600	82.1036	1.0000			1	17.90	
31	609055-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.34600	6.82600	60.9323	1.0000			1	39.07	
32	609055-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33100	10.46900	7.33000	65.6489	1.0000			1	34.35	
33	609055-010-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33700	10.47900	9.34500	87.5957	1.0000			1	12.40	
34	609055-012-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.36700	9.18700	86.9368	1.0000			1	13.06	
35	609055-013-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.38800	3.50900	24.0225	1.0000			1	75.98	
36	609060-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33900	10.23200	8.71100	82.8967	1.0000			1	17.10	
37	609060-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33100	10.34000	8.77700	82.6507	1.0000			1	17.35	
38	609060-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.34000	10.30900	9.33100	89.0958	1.0000			1	10.90	
39	609060-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.13900	8.54500	81.8925	1.0000			1	18.11	
40	609060-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.34300	10.17800	8.90200	85.5574	1.0000			1	14.44	

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Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 609053

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-017-0009	S 609053-006-013-1/1
NWO-017-0011	S 609053-012-017-1/1
NWO-017-0015R	S 609053-008-015-1/1
NWO-017-0016R	S 609053-009-016-1/1
NWO-017-0040RR	S 609053-011-009-1/2
NWO-017-0040RR-ED	S 609053-010-007-1/2
NWO-017-0041	S 609053-003-005-1/2
NWO-017-0042	S 609053-001-001-1/2
NWO-017-0043	S 609053-002-003-1/2
NWO-017-5001	S 609054-006-005-1/3
NWO-017-5001 MS	SP609054-006-005-1/3
NWO-017-5001 MSD	SD609054-006-005-1/3
NWO-017-5002	S 609053-004-011-1/1
NWO-017-5003	S 609053-005-012-1/1
NWO-017-5004	S 609053-007-014-1/1

		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.

Signature: Rita Amin Name: RITA AMIN

Date: ~~9/22/2006~~ RA 10/23/2006 Title: Metals Reporting

USEPA - CLP

COVER PAGE

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 609053HG

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-017-0040RR	S 609053-011-009-1/2
NWO-017-0040RR-ED	S 609053-010-007-1/2
NWO-017-0041	S 609053-003-005-1/2
NWO-017-0042	S 609053-001-001-1/2
NWO-017-0043	S 609053-002-003-1/2
NWO-017-5001	S 609054-006-005-1/3
NWO-017-5001 MS	SP609054-006-005-1/3
NWO-017-5001 MSD	SD609054-006-005-1/3
NWO-017-5002	S 609053-004-011-1/1
NWO-017-5003	S 609053-005-012-1/1
NWO-017-5004	S 609053-007-014-1/1

		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.

Signature: Rita Amin Name: RITA AMIN

Date: ~~9/26/2006~~ RA 10/23/2006 Title: Metals Reporting

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0042	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.4	89.3	30500	ED	10	09/27/06 18:17
Antimony	121	0.15	0.89	0.23	JND	10	09/27/06 18:17
Barium	137	0.21	4.5	302	NDB	10	09/27/06 18:17
Cadmium	110	0.12	0.45	0.35	JD	10	09/27/06 18:17
Chromium	52	0.25	1.8	55.8	EDB	10	09/27/06 18:17
Cobalt	59	0.015	0.89	34.0	ED	10	09/27/06 18:17
Copper	65	0.18	1.8	39.3	NDB	10	09/27/06 18:17
Iron	56	2.9	44.6	42800	ED	10	09/27/06 18:17
Lead	208	0.071	1.8	15.4	D	10	09/27/06 18:17
Magnesium	25	1.6	89.3	4860	D	10	09/27/06 18:17
Manganese	55	0.051	1.8	1570	ED	10	09/27/06 18:17
Molybdenum	95	0.26	4.5	0.62	JND	10	09/27/06 18:17
Nickel	60	0.079	0.89	31.7	NED	10	09/27/06 18:17
Strontium	88	0.082	1.8	61.4	D	10	09/27/06 18:17
Titanium	47	0.27	1.8	649	D	10	09/27/06 18:17
Zinc	66	0.44	8.9	58.5	EDB	10	09/27/06 18:17

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-001-001-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0042	Prep Batch:	93919
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	0.040		1	09/23/06 18:20

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0043	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.4	89.3	31000	ED	10	09/27/06 18:23
Antimony	121	0.15	0.89	0.25	JND	10	09/27/06 18:23
Barium	137	0.21	4.5	315	NDB	10	09/27/06 18:23
Cadmium	110	0.12	0.45	0.44	JD	10	09/27/06 18:23
Chromium	52	0.25	1.8	57.4	EDB	10	09/27/06 18:23
Cobalt	59	0.015	0.89	33.2	ED	10	09/27/06 18:23
Copper	65	0.18	1.8	39.5	NDB	10	09/27/06 18:23
Iron	56	2.9	44.6	44100	ED	10	09/27/06 18:23
Lead	208	0.071	1.8	16.4	D	10	09/27/06 18:23
Magnesium	25	1.6	89.3	4990	D	10	09/27/06 18:23
Manganese	55	0.051	1.8	1650	ED	10	09/27/06 18:23
Molybdenum	95	0.26	4.5	0.63	JND	10	09/27/06 18:23
Nickel	60	0.079	0.89	32.0	NED	10	09/27/06 18:23
Strontium	88	0.082	1.8	62.6	D	10	09/27/06 18:23
Titanium	47	0.27	1.8	663	D	10	09/27/06 18:23
Zinc	66	0.44	8.9	62.3	EDB	10	09/27/06 18:23

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-002-003-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0043	Prep Batch:	93919
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	0.0086	0.030	0.037		1	09/23/06 18:23

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0041	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.5	92.6	52700	ED	10	09/27/06 18:30
Antimony	121	0.16	0.93	0.16	UND	10	09/27/06 18:30
Barium	137	0.21	4.6	646	NDB	10	09/27/06 18:30
Cadmium	110	0.13	0.46	0.79	D	10	09/27/06 18:30
Chromium	52	0.26	1.9	57.0	EDB	10	09/27/06 18:30
Cobalt	59	0.016	0.93	39.3	ED	10	09/27/06 18:30
Copper	65	0.19	1.9	116	NDB	10	09/27/06 18:30
Iron	56	3.0	46.3	66600	ED	10	09/27/06 18:30
Lead	208	0.073	1.9	9.7	D	10	09/27/06 18:30
Magnesium	25	1.7	92.6	11400	D	10	09/27/06 18:30
Manganese	55	0.053	1.9	2830	ED	10	09/27/06 18:30
Molybdenum	95	0.27	4.6	0.32	JND	10	09/27/06 18:30
Nickel	60	0.081	0.93	50.4	NED	10	09/27/06 18:30
Strontium	88	0.085	1.9	131	D	10	09/27/06 18:30
Titanium	47	0.28	1.9	2910	D	10	09/27/06 18:30
Zinc	66	0.45	9.3	80.2	EDB	10	09/27/06 18:30

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-003-005-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0041	Prep Batch:	93919
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	0.0089	0.031	0.025	J	1	09/23/06 18:25

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-004-011-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5002	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.5	94.3	29500	ED	10	09/27/06 18:36
Antimony	121	0.16	0.94	0.21	JND	10	09/27/06 18:36
Arsenic	75	0.58	4.7	13.6	ND	10	09/27/06 18:36
Barium	137	0.22	4.7	290	NDB	10	09/27/06 18:36
Beryllium	9	0.030	0.19	1.0	D	10	09/27/06 18:36
Cadmium	110	0.13	0.47	0.30	JD	10	09/27/06 18:36
Calcium	44	5.3	943	2010	ED	10	09/27/06 18:36
Chromium	52	0.26	1.9	35.1	EDB	10	09/27/06 18:36
Cobalt	59	0.016	0.94	29.2	ED	10	09/27/06 18:36
Copper	65	0.19	1.9	35.1	NDB	10	09/27/06 18:36
Iron	56	3.0	47.2	42600	ED	10	09/27/06 18:36
Lead	208	0.075	1.9	22.2	D	10	09/27/06 18:36
Magnesium	25	1.7	94.3	4220	D	10	09/27/06 18:36
Manganese	55	0.054	1.9	2010	ED	10	09/27/06 18:36
Molybdenum	95	0.27	4.7	0.62	JND	10	09/27/06 18:36
Nickel	60	0.083	0.94	20.2	NED	10	09/27/06 18:36
Potassium	39	1.9	943	2250	D	10	09/27/06 18:36
Selenium	82	0.92	4.7	0.92	UND	10	09/27/06 18:36
Silver	107	0.018	0.28	0.060	JDB	10	09/27/06 18:36
Sodium	23	8.9	943	69.9	JND	10	09/27/06 18:36
Strontium	88	0.087	1.9	23.8	D	10	09/27/06 18:36
Thallium	203	0.16	1.9	0.32	JDB	10	09/27/06 18:36
Titanium	47	0.28	1.9	2290	D	10	09/27/06 18:36
Vanadium	51	2.4	9.4	114	D	10	09/27/06 18:36
Zinc	66	0.46	9.4	99.7	EDB	10	09/27/06 18:36

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-004-011-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5002	Prep Batch:	93919
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	0.047		1	09/23/06 18:27

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-005-012-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5003	Prep Batch:	93951
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	86.2	27900	ED	10	09/27/06 18:42
Antimony	121	0.15	0.86	0.22	JND	10	09/27/06 18:42
Arsenic	75	0.53	4.3	5.0	ND	10	09/27/06 18:42
Barium	137	0.20	4.3	235	NDB	10	09/27/06 18:42
Beryllium	9	0.028	0.17	0.94	D	10	09/27/06 18:42
Cadmium	110	0.12	0.43	0.29	JD	10	09/27/06 18:42
Calcium	44	4.8	862	1940	ED	10	09/27/06 18:42
Chromium	52	0.24	1.7	37.3	EDB	10	09/27/06 18:42
Cobalt	59	0.015	0.86	21.1	ED	10	09/27/06 18:42
Copper	65	0.17	1.7	30.5	NDB	10	09/27/06 18:42
Iron	56	2.8	43.1	39700	ED	10	09/27/06 18:42
Lead	208	0.068	1.7	15.6	D	10	09/27/06 18:42
Magnesium	25	1.6	86.2	4400	D	10	09/27/06 18:42
Manganese	55	0.049	1.7	1560	ED	10	09/27/06 18:42
Molybdenum	95	0.25	4.3	0.57	JND	10	09/27/06 18:42
Nickel	60	0.076	0.86	21.6	NED	10	09/27/06 18:42
Potassium	39	1.7	862	2610	D	10	09/27/06 18:42
Selenium	82	0.84	4.3	0.84	UND	10	09/27/06 18:42
Silver	107	0.016	0.26	0.053	JDB	10	09/27/06 18:42
Sodium	23	8.1	862	80.6	JND	10	09/27/06 18:42
Strontium	88	0.079	1.7	21.8	D	10	09/27/06 18:42
Thallium	203	0.15	1.7	0.28	JDB	10	09/27/06 18:42
Titanium	47	0.26	1.7	2300	D	10	09/27/06 18:42
Vanadium	51	2.2	8.6	108	D	10	09/27/06 18:42
Zinc	66	0.42	8.6	81.4	EDB	10	09/27/06 18:42

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-005-012-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5003	Prep Batch:	93919
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	0.029		1	09/23/06 18:30

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-006-013-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0009	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.071	1.8	17.0	D	10	09/27/06 18:48

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-007-014-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5004	Prep Batch:	93951
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	24300	ED	10	09/27/06 18:54
Antimony	121	0.14	0.81	0.19	JND	10	09/27/06 18:54
Arsenic	75	0.49	4.0	9.8	ND	10	09/27/06 18:54
Barium	137	0.19	4.0	174	NDB	10	09/27/06 18:54
Beryllium	9	0.026	0.16	0.89	D	10	09/27/06 18:54
Cadmium	110	0.11	0.40	0.30	JD	10	09/27/06 18:54
Calcium	44	4.5	806	3420	ED	10	09/27/06 18:54
Chromium	52	0.23	1.6	26.2	EDB	10	09/27/06 18:54
Cobalt	59	0.014	0.81	15.9	ED	10	09/27/06 18:54
Copper	65	0.16	1.6	15.4	NDB	10	09/27/06 18:54
Iron	56	2.6	40.3	31500	ED	10	09/27/06 18:54
Lead	208	0.064	1.6	16.0	D	10	09/27/06 18:54
Magnesium	25	1.5	80.6	4170	D	10	09/27/06 18:54
Manganese	55	0.046	1.6	935	ED	10	09/27/06 18:54
Molybdenum	95	0.23	4.0	0.58	JND	10	09/27/06 18:54
Nickel	60	0.071	0.81	15.7	NED	10	09/27/06 18:54
Potassium	39	1.6	806	2420	D	10	09/27/06 18:54
Selenium	82	0.78	4.0	0.85	JND	10	09/27/06 18:54
Silver	107	0.015	0.24	0.040	JDB	10	09/27/06 18:54
Sodium	23	7.6	806	80.4	JND	10	09/27/06 18:54
Strontium	88	0.074	1.6	21.3	D	10	09/27/06 18:54
Thallium	203	0.14	1.6	0.25	JDB	10	09/27/06 18:54
Titanium	47	0.24	1.6	1990	D	10	09/27/06 18:54
Vanadium	51	2.0	8.1	89.8	D	10	09/27/06 18:54
Zinc	66	0.40	8.1	70.7	EDB	10	09/27/06 18:54

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-007-014-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5004	Prep Batch:	93919
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	0.033		1	09/23/06 18:32

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-008-015-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0015R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.066	1.7	11.8	D	10	09/27/06 19:00

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-009-016-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0016R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.066	1.7	8.6	D	10	09/27/06 19:31

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-010-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040RR-ED	Prep Batch:	93951
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	53200	ED	10	09/27/06 19:43
Antimony	121	0.14	0.80	0.14	UND	10	09/27/06 19:43
Barium	137	0.18	4.0	182	NDB	10	09/27/06 19:43
Cadmium	110	0.11	0.40	0.74	D	10	09/27/06 19:43
Chromium	52	0.22	1.6	155	EDB	10	09/27/06 19:43
Cobalt	59	0.014	0.80	65.5	ED	10	09/27/06 19:43
Copper	65	0.32	3.2	129	NDB	20	09/27/06 19:50
Iron	56	2.6	40.0	78100	ED	10	09/27/06 19:43
Lead	208	0.063	1.6	4.5	D	10	09/27/06 19:43
Magnesium	25	1.4	80.0	13600	D	10	09/27/06 19:43
Manganese	55	0.046	1.6	2290	ED	10	09/27/06 19:43
Molybdenum	95	0.23	4.0	0.24	JND	10	09/27/06 19:43
Nickel	60	0.070	0.80	77.3	NED	10	09/27/06 19:43
Strontium	88	0.074	1.6	89.3	D	10	09/27/06 19:43
Titanium	47	0.48	3.2	4750	D	20	09/27/06 19:50
Zinc	66	0.39	8.0	78.2	EDB	10	09/27/06 19:43

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-010-007-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040RR-ED	Prep Batch:	93919
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	0.022	J	1	09/23/06 18:34

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-011-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040RR	Prep Batch:	93951
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	84.7	49700	ED	10	09/27/06 19:56
Antimony	121	0.14	0.85	0.14	UND	10	09/27/06 19:56
Barium	137	0.19	4.2	169	NDB	10	09/27/06 19:56
Cadmium	110	0.12	0.42	0.80	D	10	09/27/06 19:56
Chromium	52	0.24	1.7	147	EDB	10	09/27/06 19:56
Cobalt	59	0.014	0.85	62.0	ED	10	09/27/06 19:56
Copper	65	0.34	3.4	131	NDB	20	09/27/06 20:02
Iron	56	2.7	42.4	73600	ED	10	09/27/06 19:56
Lead	208	0.067	1.7	4.2	D	10	09/27/06 19:56
Magnesium	25	1.5	84.7	13000	D	10	09/27/06 19:56
Manganese	55	0.048	1.7	2090	ED	10	09/27/06 19:56
Molybdenum	95	0.25	4.2	0.31	JND	10	09/27/06 19:56
Nickel	60	0.075	0.85	71.9	NED	10	09/27/06 19:56
Strontium	88	0.078	1.7	86.3	D	10	09/27/06 19:56
Titanium	47	0.51	3.4	4900	D	20	09/27/06 20:02
Zinc	66	0.42	8.5	75.4	EDB	10	09/27/06 19:56

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

GPL Laboratories, LLLP

Sample Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	S 609053-011-009-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040RR	Prep Batch:	93919
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	0.0094	0.032	0.021	J	1	09/23/06 18:36

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

GPL Laboratories, LLLP

Sample Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	S 609053-012-017-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0011	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.068	1.7	19.5	D	10	09/27/06 20:08

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

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/27/2006 4:29:02 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	503.10	101						
Antimony	40.0	41.86	105						
Arsenic	40.0	40.66	102						
Barium	40.0	41.31	103						
Beryllium	4.0	4.25	106						
Calcium	5000.0	4872.00	97						
Chromium	40.0	38.80	97						
Cobalt	40.0	40.01	100						
Copper	40.0	40.74	102						
Iron	500.0	524.93	105						
Lead	40.0	40.42	101						
Magnesium	5000.0	4864.33	97						
Manganese	40.0	40.55	101						
Molybdenum	40.0	40.52	101						
Nickel	40.0	41.31	103						
Potassium	5000.0	4882.67	98						
Selenium	40.0	41.52	104						
Silver	40.0	40.84	102						
Sodium	5000.0	4812.67	96						
Strontium	40.0	41.17	103						
Thallium	40.0	41.40	104						
Titanium	40.0	40.66	102						
Vanadium	40.0	40.72	102						
Zinc	40.0	40.85	102						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(LiBCd) 9/27/2006 4:34:11 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.90	97						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/28/2006 5:09:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	511.20	102						
Antimony	40.0	41.55	104						
Arsenic	40.0	40.95	102						
Barium	40.0	41.82	105						
Beryllium	4.0	4.37	109						
Calcium	5000.0	5058.67	101						
Chromium	40.0	39.06	98						
Cobalt	40.0	41.08	103						
Copper	40.0	40.74	102						
Iron	500.0	528.27	106						
Lead	40.0	40.55	101						
Magnesium	5000.0	5113.33	102						
Manganese	40.0	41.40	104						
Molybdenum	40.0	40.55	101						
Nickel	40.0	41.49	104						
Potassium	5000.0	4989.33	100						
Selenium	40.0	41.01	103						
Silver	40.0	40.88	102						
Sodium	5000.0	5178.33	104						
Strontium	40.0	41.20	103						
Thallium	40.0	42.56	106						
Titanium	40.0	41.08	103						
Vanadium	40.0	41.29	103						
Zinc	40.0	41.79	104						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(CD) 9/28/2006 5:15:01 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.82	96						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 9/23/2006 4:06:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.27	109						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/27/2006 4:44:24 PM		CCV2 9/27/2006 5:53:10 PM		CCV3 9/27/2006 7:13:10 PM		CCV4 9/27/2006 8:32:59 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5049.67	101	4929.33	99	5007.00	100	5036.67	101
Antimony	50.0	49.87	100	51.46	103	51.21	102	51.30	103
Arsenic	50.0	48.33	97	50.30	101	49.90	100	50.82	102
Barium	50.0	48.89	98	49.65	99	49.80	100	49.18	98
Beryllium	5.0	5.06	101	5.15	103	5.05	101	5.12	102
Cadmium	50.0	48.92	98	49.26	99	50.15	100	49.55	99
Calcium	10000.0	9610.33	96	9615.67	96	9644.33	96	9654.67	97
Chromium	50.0	48.71	97	49.81	100	49.17	98	49.47	99
Cobalt	50.0	47.97	96	48.00	96	48.18	96	48.17	96
Copper	50.0	49.12	98	50.15	100	50.01	100	49.71	99
Iron	5000.0	5016.33	100	4979.67	100	5067.00	101	5058.33	101
Lead	50.0	49.13	98	49.31	99	49.39	99	49.36	99
Magnesium	10000.0	9857.00	99	9602.00	96	9746.33	97	9777.00	98
Manganese	50.0	48.60	97	48.26	97	48.79	98	48.47	97
Molybdenum	50.0	49.87	100	50.29	101	51.07	102	50.50	101
Nickel	50.0	49.04	98	49.46	99	49.25	99	49.88	100
Potassium	10000.0	9724.33	97	9558.67	96	9677.33	97	9783.67	98
Selenium	50.0	47.21	94	50.24	100	48.53	97	49.11	98
Silver	50.0	49.51	99	49.57	99	49.74	99	50.04	100
Sodium	10000.0	9830.00	98	9866.67	99	9917.00	99	9935.33	99
Strontium	50.0	49.96	100	49.96	100	50.22	100	50.50	101
Thallium	50.0	49.66	99	50.61	101	50.45	101	50.17	100
Titanium	50.0	48.86	98	48.50	97	48.75	98	49.67	99
Vanadium	50.0	48.23	96	48.45	97	48.97	98	49.56	99
Zinc	50.0	48.00	96	49.05	98	49.66	99	49.51	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/28/2006 5:27:16 PM		CCV2 9/28/2006 6:10:04 PM		CCV3 9/28/2006 7:23:38 PM		CCV4 9/28/2006 8:37:16 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4985.67	100	4990.00	100	5089.33	102	5142.67	103
Antimony	50.0	50.25	101	50.35	101	50.76	102	50.30	101
Arsenic	50.0	48.77	98	49.05	98	48.59	97	49.64	99
Barium	50.0	48.63	97	48.38	97	48.92	98	48.78	98
Beryllium	5.0	4.98	100	4.88	98	4.84	97	4.79	96
Cadmium	50.0	49.46	99	49.11	98	49.62	99	50.21	100
Calcium	10000.0	9851.33	99	9894.33	99	9842.67	98	9836.00	98
Chromium	50.0	48.18	96	48.20	96	47.87	96	48.29	97
Cobalt	50.0	48.37	97	49.03	98	49.28	99	49.38	99
Copper	50.0	48.37	97	48.90	98	49.30	99	49.15	98
Iron	5000.0	5035.00	101	5021.33	100	5103.33	102	5192.33	104
Lead	50.0	48.89	98	49.07	98	48.95	98	48.81	98
Magnesium	10000.0	9499.33	95	9478.33	95	9568.00	96	10051.00	101
Manganese	50.0	48.91	98	49.03	98	49.04	98	49.80	100
Molybdenum	50.0	49.77	100	51.01	102	49.24	98	49.20	98
Nickel	50.0	48.85	98	49.11	98	49.74	99	49.23	98
Potassium	10000.0	9503.00	95	9471.67	95	9610.00	96	9806.67	98
Selenium	50.0	47.68	95	47.83	96	46.50	93	48.90	98
Silver	50.0	49.57	99	49.67	99	49.57	99	49.71	99
Sodium	10000.0	9605.33	96	9574.00	96	9730.00	97	10086.67	101
Strontium	50.0	49.79	100	49.28	99	48.85	98	49.37	99
Thallium	50.0	47.87	96	49.16	98	47.97	96	48.33	97
Titanium	50.0	49.72	99	49.64	99	49.63	99	49.62	99
Vanadium	50.0	49.41	99	49.07	98	49.86	100	49.06	98
Zinc	50.0	49.23	98	49.73	99	50.17	100	49.57	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 9/23/2006 4:13:25 PM		Ck5 CCV2 9/23/2006 4:40:18 PM		Ck5 CCV3 9/23/2006 5:09:05 PM		Ck5 CCV4 9/23/2006 5:38:17 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	4.86	97	4.76	95	4.60	92	5.18	104

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV5 9/23/2006 6:11:55 PM		Ck5 CCV6 9/23/2006 6:39:21 PM		Ck5 CCV7 9/23/2006 7:05:42 PM			
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.26	105	5.24	105	5.25	105		

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/27/2006 4:54:41 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	96.57	97						
Antimony	1.0	1.13	113						
Arsenic	5.0	5.40	108						
Barium	5.0	5.10	102						
Beryllium	0.2	0.19	94						
Cadmium	0.5	0.52	105						
Calcium	1000.0	970.73	97						
Chromium	2.0	2.20	110						
Cobalt	1.0	0.99	99						
Copper	2.0	2.17	108						
Iron	50.0	48.20	96						
Lead	2.0	1.94	97						
Magnesium	100.0	96.67	97						
Manganese	2.0	2.00	100						
Molybdenum	5.0	5.03	101						
Nickel	1.0	1.13	113						
Potassium	1000.0	948.83	95						
Selenium	5.0	5.33	107						
Silver	0.3	0.31	103						
Sodium	1000.0	928.37	93						
Strontium	2.0	2.01	100						
Thallium	2.0	2.07	104						
Titanium	2.0	1.90	95						
Vanadium	10.0	10.25	102						
Zinc	10.0	10.20	102						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/28/2006 5:39:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.87	103						
Antimony	1.0	1.10	110						
Arsenic	5.0	4.90	98						
Barium	5.0	5.36	107						
Beryllium	0.2	0.20	99						
Cadmium	0.5	0.51	101						
Calcium	1000.0	1016.67	102						
Chromium	2.0	1.61	81						
Cobalt	1.0	1.02	102						
Copper	2.0	2.12	106						
Iron	50.0	43.30	87						
Lead	2.0	1.96	98						
Magnesium	100.0	95.56	96						
Manganese	2.0	1.98	99						
Molybdenum	5.0	5.05	101						
Nickel	1.0	1.11	111						
Potassium	1000.0	944.87	94						
Selenium	5.0	5.51	110						
Silver	0.3	0.32	106						
Sodium	1000.0	929.60	93						
Strontium	2.0	1.96	98						
Thallium	2.0	1.91	96						
Titanium	2.0	2.06	103						
Vanadium	10.0	10.34	103						
Zinc	10.0	9.95	99						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck4 CRA 9/23/2006 4:11:06 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.19	94						

GPL Laboratories, LLLP
Initial Calibration Blanks

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/27/2006 4:39:18 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	0.69	J						
Cobalt	1.00	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	0.19	J						
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:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/28/2006 5:21:09 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	0.28	U						
Cobalt	1.00	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:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 9/23/2006 4:09:00 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U						

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609053	Matrix:	Soil
Lab Sample ID:	BLK93951	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93951
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	2.7	UED	10	09/27/06 18:05
Antimony	121	0.17	1.0	0.17	UND	10	09/27/06 18:05
Arsenic	75	0.61	5.0	0.61	UND	10	09/27/06 18:05
Barium	137	0.23	5.0	0.23	UND	10	09/27/06 18:05
Beryllium	9	0.032	0.20	0.032	UD	10	09/27/06 18:05
Cadmium	110	0.14	0.50	0.14	UD	10	09/27/06 18:05
Calcium	44	5.6	1000	6.6	JED	10	09/27/06 18:05
Chromium	52	0.28	2.0	0.86	JED	10	09/27/06 18:05
Cobalt	59	0.017	1.0	0.017	UED	10	09/27/06 18:05
Copper	65	0.20	2.0	0.20	UND	10	09/27/06 18:05
Iron	56	3.2	50.0	3.2	UED	10	09/27/06 18:05
Lead	208	0.079	2.0	0.079	UD	10	09/27/06 18:05
Magnesium	25	1.8	100	1.8	UD	10	09/27/06 18:05
Manganese	55	0.057	2.0	0.057	UED	10	09/27/06 18:05
Molybdenum	95	0.29	5.0	0.29	UND	10	09/27/06 18:05
Nickel	60	0.088	1.0	0.088	UNED	10	09/27/06 18:05
Potassium	39	2.0	1000	3.3	JD	10	09/27/06 18:05
Selenium	82	0.97	5.0	0.97	UND	10	09/27/06 18:05
Silver	107	0.019	0.30	0.019	UD	10	09/27/06 18:05
Sodium	23	9.4	1000	9.4	UND	10	09/27/06 18:05
Strontium	88	0.092	2.0	0.092	UD	10	09/27/06 18:05
Thallium	203	0.17	2.0	0.24	JD	10	09/27/06 18:05
Titanium	47	0.30	2.0	0.30	UD	10	09/27/06 18:05
Vanadium	51	2.5	10.0	2.5	UD	10	09/27/06 18:05
Zinc	66	0.49	10.0	0.49	UED	10	09/27/06 18:05

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609053HG	Matrix:	Soil
Lab Sample ID:	BLK93919	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93919
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	09/23/06 17:55

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

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/27/2006 4:49:34 PM		CCB2 9/27/2006 5:59:21 PM		CCB3 9/27/2006 7:19:21 PM		CCB4 9/27/2006 8:39:07 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
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	5.60	U	5.60	U
Chromium	2.00	0.42	J	0.28	U	0.28	U	0.42	J
Cobalt	1.00	0.02	U	0.02	U	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	0.06	U
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
Potassium	1000.00	2.00	U	2.00	U	2.00	U	2.63	J
Selenium	5.00	0.97	U	0.97	U	0.97	U	0.97	U
Silver	0.30	0.02	U	0.02	U	0.02	U	0.02	U
Sodium	1000.00	9.40	U	9.40	U	9.40	U	9.40	U
Strontium	2.00	0.09	U	0.09	U	0.09	U	0.09	U
Thallium	2.00	0.33	J	0.35	J	0.21	J	0.21	J
Titanium	2.00	0.30	U	0.30	U	0.30	U	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:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/28/2006 5:33:24 PM		CCB2 9/28/2006 6:16:12 PM		CCB3 9/28/2006 7:29:47 PM		CCB4 9/28/2006 8:43:26 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U	6.12	J
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	5.60	U	5.60	U
Chromium	2.00	0.28	U	0.28	U	0.28	U	0.28	U
Cobalt	1.00	0.02	U	0.02	U	0.02	U	0.03	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	3.20	U	7.32	J
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	3.63	J
Manganese	2.00	0.06	U	0.06	U	0.06	U	0.42	J
Molybdenum	5.00	0.29	U	0.44	J	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.09	U	0.09	U
Potassium	1000.00	2.00	U	2.00	U	2.00	U	3.95	J
Selenium	5.00	0.97	U	0.97	U	0.97	U	0.97	U
Silver	0.30	0.02	U	0.02	U	0.02	U	0.02	J
Sodium	1000.00	9.40	U	9.40	U	9.40	U	9.40	U
Strontium	2.00	0.09	U	0.09	U	0.09	U	0.09	U
Thallium	2.00	0.23	J	0.37	J	0.32	J	0.21	J
Titanium	2.00	0.30	U	0.30	U	0.30	U	0.43	J
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:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 9/23/2006 4:15:31 PM		Ck6 CCB2 9/23/2006 4:42:27 PM		Ck6 CCB3 9/23/2006 5:11:21 PM		Ck6 CCB4 9/23/2006 5:40:29 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U	0.06	U

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609053HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB5 9/23/2006 6:14:06 PM		Ck6 CCB6 9/23/2006 6:41:31 PM		Ck6 CCB7 9/23/2006 7:08:08 PM			
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U		

GPL Laboratories, LLLP

Interference Check Standards

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P./148.5T.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/27/06 17:05	%R	ICSAB 09/27/06 17:10	%R		%R		%R
Aluminum	100		100000	102000	102	98200	98				
Antimony	1		20	0.19		18.2	91				
Arsenic	5		20	0.67		18.9	94				
Barium	5		20	0.52		20.6	103				
Beryllium	0.2		20	0.00067		17.0	85				
Cadmium	0.5		20	-0.052		16.9	84				
Calcium	1000		300000	314000	105	306000	102				
Chromium	2		20	1.4		20.2	101				
Cobalt	1		20	-0.017		18.3	91				
Copper	2		20	0.76		17.6	88				
Iron	50		250000	254000	102	247000	99				
Lead	2		20	0.13		21.1	105				
Magnesium	100		100000	97000	97	94200	94				
Manganese	2		20	-0.046		18.7	93				
Molybdenum	5		2000	2160	108	2120	106				
Nickel	1		20	-0.0033		17.9	89				
Potassium	1000		100000	103000	103	100000	100				
Selenium	5		20	0.35		18.1	91				
Silver	0.3		20	0.098		17.3	87				
Sodium	1000		250000	258000	103	253000	101				
Strontium	2		20	4.6		25.6	128				
Thallium	2		20	0.18		22.0	110				
Titanium	2		2000	2120		2070	103				
Vanadium	10		20	0.21		20.1	100				
Zinc	10		20	1.4		17.1	85				

GPL Laboratories, LLLP

Interference Check Standards

Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P. / AB.ST.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/28/06 17:45	%R	ICSAB 09/28/06 17:51	%R		%R		%R
Aluminum	100		100000	98700	99	98900	99				
Antimony	1		20	0.19		18.5	92				
Arsenic	5		20	0.94		18.7	93				
Barium	5		20	0.54		20.0	100				
Beryllium	0.2		20	-0.0070		16.9	84				
Cadmium	0.5		20	0.12		17.1	85				
Calcium	1000		300000	314000	105	314000	105				
Chromium	2		20	0.57		19.1	95				
Cobalt	1		20	0.081		18.2	91				
Copper	2		20	0.67		17.1	86				
Iron	50		250000	246000	99	246000	98				
Lead	2		20	0.13		20.4	102				
Magnesium	100		100000	96400	96	93400	93				
Manganese	2		20	0.061		18.8	94				
Molybdenum	5		2000	1990	100	1970	99				
Nickel	1		20	0.27		17.4	87				
Potassium	1000		100000	98500	99	97600	98				
Selenium	5		20	1.1		16.4	82				
Silver	0.3		20	0.11		17.3	86				
Sodium	1000		250000	253000	101	246000	98				
Strontium	2		20	4.2		24.3	121				
Thallium	2		20	0.17		20.2	101				
Titanium	2		2000	2070		2070	103				
Vanadium	10		20	-0.14		19.1	96				
Zinc	10		20	1.6		17.6	88				

GPL Laboratories, LLLP

Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:34		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	66826.77		53981.03		787.40	1631
Antimony	1.29		0.14	U	7.87	16
Arsenic	7.28		0.95	J	7.87	80
Barium	224.91		126.99		78.74	124
Beryllium	3.88		0.53		3.94	85
Cadmium	9.19		0.60		7.87	109
Calcium	7034.65		5771.27		787.40	160
Chromium	297.56		243.25		39.37	138
Cobalt	120.71		80.57		39.37	102
Iron	91076.12		83143.63		787.40	1007
Lead	91.08		3.46		78.74	111
Magnesium	17758.53		15314.36		787.40	310
Manganese	2633.60		2399.19		78.74	298
Molybdenum	29.70		0.33	J	39.37	75
Nickel	147.17		96.80		39.37	128
Potassium	1351.71		572.11	J	787.40	99
Selenium	7.40		0.94	J	7.87	82
Silver	8.42		0.09	J	7.87	106
Sodium	1313.91		411.46	J	787.40	115
Strontium	117.24		36.65		78.74	102
Thallium	8.78		0.17	J	7.87	109
Vanadium	375.35		319.46		39.37	142
Zinc	153.57		79.22		78.74	94

GPL Laboratories, LLLP

Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:05		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	203.62		133.07		39.37	179
Titanium	6695.54		5693.22		157.48	636

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Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609053HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:54	Sample Result 09/23/06 18:52	Spike Added	%R
Mercury	0.58	0.07	0.47	111

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:40		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	65937.98		53981.03		775.19	1542
Antimony	1.29		0.14	U	7.75	17
Arsenic	7.09		0.95	J	7.75	79
Barium	229.17		126.99		77.52	132
Beryllium	3.72		0.53		3.88	82
Cadmium	8.49		0.60		7.75	102
Calcium	7143.67		5771.27		775.19	177
Chromium	282.48		243.25		38.76	101
Cobalt	116.64		80.57		38.76	93
Iron	88863.05		83143.63		775.19	738
Lead	86.36		3.46		77.52	107
Magnesium	17695.09		15314.36		775.19	307
Manganese	2499.48		2399.19		77.52	129
Molybdenum	28.65		0.33	J	38.76	73
Nickel	142.76		96.80		38.76	119
Potassium	1318.86		572.11	J	775.19	96
Selenium	6.90		0.94	J	7.75	77
Silver	7.99		0.09	J	7.75	102
Sodium	1453.49		411.46	J	775.19	134
Strontium	115.99		36.65		77.52	102
Thallium	8.51		0.17	J	7.75	108
Vanadium	364.99		319.46		38.76	117
Zinc	150.10		79.22		77.52	91

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:11	Sample Result 09/28/06 18:59	Spike Added	%R
Copper	182.12	133.07	38.76	127
Titanium	6025.84	5693.22	155.04	215

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609053HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:56	Sample Result 09/23/06 18:52	Spike Added	%R
Mercury	0.58	0.07	0.47	110

GPL Laboratories, LLLP

Post Digestion Spike Recovery

Client ID:	NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:46		Sample Result 09/28/06 18:28		Spike Added	%R
Antimony	79.74		0.17	U	80	100
Arsenic	69.52		1.17	J	80	85
Barium	171.10		156.20		20	75
Molybdenum	30.06		0.41	J	30	99
Nickel	148.90		119.07		40	75
Selenium	60.39		1.16	J	70	85
Sodium	5378.33		506.10	J	5000	97

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Post Digestion Spike Recovery

Client ID:	NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:17		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	106.47		81.84		30	82

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Duplicates RPD

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv

Analyte	Matrix Spike ~~Original~~ Sample Results ZA 10-23		Matrix Spike Duplicate Sample Results		RPD	Control Limit	Q
Aluminum	66826.77		65937.98		1	20	ED
Antimony	1.29		1.29		0	20	ND
Arsenic	7.28		7.09		3	20	ND
Barium	224.91		229.17		2	20	ND
Beryllium	3.88		3.72		4	20	D
Cadmium	9.19		8.49		8	20	D
Calcium	7034.65		7143.67		2	20	ED
Chromium	297.56		282.48		5	20	ED
Cobalt	120.71		116.64		3	20	ED
Copper	203.62		182.12		11	20	ND
Iron	91076.12		88863.05		2	20	ED
Lead	91.08		86.36		5	20	D
Magnesium	17758.53		17695.09		0	20	D
Manganese	2633.60		2499.48		5	20	ED
Molybdenum	29.70		28.65		4	20	ND
Nickel	147.17		142.76		3	20	NED
Potassium	1351.71		1318.86		2	20	D
Selenium	7.40		6.90		7	20	ND
Silver	8.42		7.99		5	20	D
Sodium	1313.91		1453.49		10	20	ND
Strontium	117.24		115.99		1	20	D
Thallium	8.78		8.51		3	20	D
Titanium	6695.54		6025.84		11	20	D
Vanadium	375.35		364.99		3	20	D
Zinc	153.57		150.10		2	20	ED

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Duplicates RPD

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609053HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN

Analyte	Matrix Spike ~~Original~~ Sample Results RA 10-28		Matrix Spike Duplicate Sample Results		RPD	Control Limit	Q
Mercury	0.58		0.58		1	20	

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Laboratory Control Sample

Project:	609053	Lab Sample ID:	BKS93951
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/27/06 18:11	Spike Added	%R
Aluminum	1060.00	1000.00	106
Antimony	10.52	10.00	105
Arsenic	11.04	10.00	110
Barium	111.13	100.00	111
Beryllium	5.52	5.00	110
Cadmium	11.00	10.00	110
Calcium	1144.67	1000.00	114
Chromium	55.21	50.00	110
Cobalt	53.70	50.00	107
Copper	55.84	50.00	112
Iron	1086.33	1000.00	109
Lead	108.07	100.00	108
Magnesium	1053.00	1000.00	105
Manganese	107.47	100.00	107
Molybdenum	52.80	50.00	106
Nickel	55.32	50.00	111
Potassium	1024.00	1000.00	102
Selenium	11.17	10.00	112
Silver	11.22	10.00	112
Sodium	1048.00	1000.00	105
Strontium	110.53	100.00	111
Thallium	11.28	10.00	113
Titanium	204.43	200.00	102
Vanadium	53.52	50.00	107
Zinc	107.60	100.00	108

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Laboratory Control Sample

Project:	609053HG	Lab Sample ID:	BKS93919
Units:	mg/kg	Instrument:	7471H
		Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 17:57	Spike Added	%R
Mercury	0.49	0.50	98

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Serial Dilutions

Client ID:	NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:28		Serial Dilution Result 09/28/06 18:52		Percent Difference	Flag
Aluminum	66396.67		74883.33		13	E
Antimony	0.17	U	0.85	U		
Arsenic	1.17	J	3.05	U	100	
Barium	156.20		154.90		1	
Beryllium	0.66		0.69	J	6	
Cadmium	0.73		0.74	J	0	
Calcium	7098.67		8225.00		16	E
Chromium	299.20		350.28		17	E
Cobalt	99.10		111.17		12	E
Iron	102266.67		112883.33		10	E
Lead	4.26		4.19	J	2	
Magnesium	18836.67		18915.00		0	
Manganese	2951.00		3254.00		10	E
Molybdenum	0.41	J	1.45	U	100	
Nickel	119.07		137.22		15	E
Potassium	703.70	J	728.67	J	4	
Selenium	1.16	J	4.85	U	100	
Silver	0.11	J	0.12	J	1	
Sodium	506.10	J	470.97	J	7	
Strontium	45.08		47.56		6	
Thallium	0.21	J	1.53	J	627	
Vanadium	392.93		430.87		10	
Zinc	97.44		122.88		26	E

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Serial Dilutions

Client ID:	NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609053	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:59		Serial Dilution Result 09/28/06 19:35		Percent Difference	Flag
Copper	81.84		84.52		3	
Titanium	3501.33		3690.17		5	

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Detection Limits

Project: 609053 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	1.0	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: 609053HG 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: 609053 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR
Aluminum	27	110000	~~04/14/06~~ 9/27/06
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~~

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Preparation Log

Project: 609053 Instrument: 3050X

Prep Method: Batch Number: 93951

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93951	BLK93951	09/21/2006	1.00	100
BKS93951	BKS93951	09/21/2006	1.00	100
S 609053-006-013-1/1	NWO-017-0009	09/21/2006	1.12	100
S 609053-012-017-1/1	NWO-017-0011	09/21/2006	1.16	100
S 609053-008-015-1/1	NWO-017-0015R	09/21/2006	1.19	100
S 609053-009-016-1/1	NWO-017-0016R	09/21/2006	1.20	100
S 609053-011-009-1/2	NWO-017-0040RR	09/21/2006	1.18	100
S 609053-010-007-1/2	NWO-017-0040RR-ED	09/21/2006	1.25	100
S 609053-003-005-1/2	NWO-017-0041	09/21/2006	1.08	100
S 609053-001-001-1/2	NWO-017-0042	09/21/2006	1.12	100
S 609053-002-003-1/2	NWO-017-0043	09/21/2006	1.12	100
S 609054-006-005-1/3	NWO-017-5001	09/21/2006	1.23	100
SP609054-006-005-1/3	NWO-017-5001 MS	09/21/2006	1.27	100
S 609053-004-011-1/1	NWO-017-5002	09/21/2006	1.06	100
S 609053-005-012-1/1	NWO-017-5003	09/21/2006	1.16	100
S 609053-007-014-1/1	NWO-017-5004	09/21/2006	1.24	100
SD609054-006-005-1/3	NWO-017-5001 MSD	09/21/2006	1.29	100

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Preparation Log

Project:	609053HG	Instrument:	7471H
Prep Method:	Preparation for the Manual Cold	Batch Number:	93919

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93919	BLK93919	09/22/2006	0.60	100
BKS93919	BKS93919	09/22/2006	0.60	100
S 609053-011-009-1/2	NWO-017-0040RR	09/22/2006	0.62	100
S 609053-010-007-1/2	NWO-017-0040RR-ED	09/22/2006	0.63	100
S 609053-003-005-1/2	NWO-017-0041	09/22/2006	0.65	100
S 609053-001-001-1/2	NWO-017-0042	09/22/2006	0.73	100
S 609053-002-003-1/2	NWO-017-0043	09/22/2006	0.67	100
S 609054-006-005-1/3	NWO-017-5001	09/22/2006	0.61	100
SP609054-006-005-1/3	NWO-017-5001 MS	09/22/2006	0.64	100
S 609053-004-011-1/1	NWO-017-5002	09/22/2006	0.77	100
S 609053-005-012-1/1	NWO-017-5003	09/22/2006	0.70	100
S 609053-007-014-1/1	NWO-017-5004	09/22/2006	0.62	100
SD609054-006-005-1/3	NWO-017-5001 MSD	09/22/2006	0.65	100

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Analysis Run Log

Project: 609053 Instrument: 3050X

Data File Name: 060927MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/27/06	3:37 PM
STD1		09/27/06	3:58 PM
STD2		09/27/06	4:03 PM
STD3		09/27/06	4:08 PM
STD4		09/27/06	4:13 PM
STD5		09/27/06	4:18 PM
STD6		09/27/06	4:23 PM
ICV		09/27/06	4:29 PM
ICV(LiBCd)		09/27/06	4:34 PM
ICB		09/27/06	4:39 PM
CCV1		09/27/06	4:44 PM
CCB1		09/27/06	4:49 PM
PQL		09/27/06	4:54 PM
ICSA		09/27/06	5:05 PM
ICSAB		09/27/06	5:10 PM
CCV2		09/27/06	5:53 PM
CCB2		09/27/06	5:59 PM
BLK93951	BLK93951	09/27/06	6:05 PM
BKS93951	BKS93951	09/27/06	6:11 PM
S 609053-001-001-1/2	NWO-017-0042	09/27/06	6:17 PM
S 609053-002-003-1/2	NWO-017-0043	09/27/06	6:23 PM
S 609053-003-005-1/2	NWO-017-0041	09/27/06	6:30 PM
S 609053-004-011-1/1	NWO-017-5002	09/27/06	6:36 PM
S 609053-005-012-1/1	NWO-017-5003	09/27/06	6:42 PM
S 609053-006-013-1/1	NWO-017-0009	09/27/06	6:48 PM
S 609053-007-014-1/1	NWO-017-5004	09/27/06	6:54 PM
S 609053-008-015-1/1	NWO-017-0015R	09/27/06	7:00 PM
CCV3		09/27/06	7:13 PM
CCB3		09/27/06	7:19 PM
S 609053-009-016-1/1	NWO-017-0016R	09/27/06	7:31 PM
S 609053-010-007-1/2	NWO-017-0040RR-ED	09/27/06	7:43 PM
S 609053-010-007-1/2	NWO-017-0040RR-ED	09/27/06	7:50 PM
S 609053-011-009-1/2	NWO-017-0040RR	09/27/06	7:56 PM
S 609053-011-009-1/2	NWO-017-0040RR	09/27/06	8:02 PM
S 609053-012-017-1/1	NWO-017-0011	09/27/06	8:08 PM
CCV4		09/27/06	8:32 PM
CCB4		09/27/06	8:39 PM

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Analysis Run Log

Project: 609053 Instrument: 3050X

Data File Name: 060928MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/28/06	4:34 PM
STD1		09/28/06	4:39 PM
STD2		09/28/06	4:44 PM
STD3		09/28/06	4:49 PM
STD4		09/28/06	4:54 PM
STD5		09/28/06	4:59 PM
STD6		09/28/06	5:04 PM
ICV		09/28/06	5:09 PM
ICV(CD)		09/28/06	5:15 PM
ICB		09/28/06	5:21 PM
CCV1		09/28/06	5:27 PM
CCB1		09/28/06	5:33 PM
PQL		09/28/06	5:39 PM
ICSA		09/28/06	5:45 PM
ICSAB		09/28/06	5:51 PM
CCV2		09/28/06	6:10 PM
CCB2		09/28/06	6:16 PM
S 609054-006-005-1/3	NWO-017-5001	09/28/06	6:28 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/28/06	6:34 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/28/06	6:40 PM
PS609054-006-005-1/3	NWO-017-5001	09/28/06	6:46 PM
SE609054-006-005-1/3	NWO-017-5001	09/28/06	6:52 PM
S 609054-006-005-1/3	NWO-017-5001	09/28/06	6:59 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/28/06	7:05 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/28/06	7:11 PM
PS609054-006-005-1/3	NWO-017-5001	09/28/06	7:17 PM
CCV3		09/28/06	7:23 PM
CCB3		09/28/06	7:29 PM
SE609054-006-005-1/3	NWO-017-5001	09/28/06	7:35 PM
CCV4		09/28/06	8:37 PM
CCB4		09/28/06	8:43 PM

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Analysis Run Log

Project: 609053HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		09/23/06	3:06 PM
Std01Rep2		09/23/06	3:08 PM
Std01Rep3		09/23/06	3:11 PM
Std02Rep1		09/23/06	3:14 PM
Std02Rep2		09/23/06	3:16 PM
Std02Rep3		09/23/06	3:18 PM
Std03Rep1		09/23/06	3:20 PM
Std03Rep2		09/23/06	3:22 PM
Std03Rep3		09/23/06	3:25 PM
Std04Rep1		09/23/06	3:27 PM
Std04Rep2		09/23/06	3:29 PM
Std04Rep3		09/23/06	3:31 PM
Std05Rep1		09/23/06	3:33 PM
Std05Rep2		09/23/06	3:36 PM
Std05Rep3		09/23/06	3:38 PM
Std06Rep1		09/23/06	3:40 PM
Std06Rep2		09/23/06	3:42 PM
Std06Rep3		09/23/06	3:44 PM
Ck2 ICV		09/23/06	4:06 PM
Ck3 ICB		09/23/06	4:09 PM
Ck4 CRA		09/23/06	4:11 PM
Ck5 CCV1		09/23/06	4:13 PM
Ck6 CCB1		09/23/06	4:15 PM
Ck5 CCV2		09/23/06	4:40 PM
Ck6 CCB2		09/23/06	4:42 PM
Ck5 CCV3		09/23/06	5:09 PM
Ck6 CCB3		09/23/06	5:11 PM
Ck5 CCV4		09/23/06	5:38 PM
Ck6 CCB4		09/23/06	5:40 PM
BLK93919	BLK93919	09/23/06	5:55 PM
BKS93919	BKS93919	09/23/06	5:57 PM
Ck5 CCV5		09/23/06	6:11 PM
Ck6 CCB5		09/23/06	6:14 PM
S 609053-001-001-1/2	NWO-017-0042	09/23/06	6:20 PM
S 609053-002-003-1/2	NWO-017-0043	09/23/06	6:23 PM
S 609053-003-005-1/2	NWO-017-0041	09/23/06	6:25 PM
S 609053-004-011-1/1	NWO-017-5002	09/23/06	6:27 PM
S 609053-005-012-1/1	NWO-017-5003	09/23/06	6:30 PM
S 609053-007-014-1/1	NWO-017-5004	09/23/06	6:32 PM

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Analysis Run Log

Project: 609053HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
S 609053-010-007-1/2	NWO-017-0040RR-ED	09/23/06	6:34 PM
S 609053-011-009-1/2	NWO-017-0040RR	09/23/06	6:36 PM
Ck5 CCV6		09/23/06	6:39 PM
Ck6 CCB6		09/23/06	6:41 PM
S 609054-006-005-1/3	NWO-017-5001	09/23/06	6:52 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/23/06	6:54 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/23/06	6:56 PM
Ck5 CCV7		09/23/06	7:05 PM
Ck6 CCB7		09/23/06	7:08 PM

Analytical Report For 609054

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

Nine soil samples were received on 09/12/2006. 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 Analyses

Four soil samples were extracted and analyzed for PETN using the modified SW846 method 8330A.

All extraction and analysis holding times were met.

Surrogate recoveries were within the QC limits.

Matrix spike and matrix spike duplicate analysis were shared with GPL workorder 609053 . The percent recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed with the batch. Percent recovery was within QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

8330

Four soil samples were extracted and analyzed for explosive compounds including Nitroglycerin using SW846 method 8330.

All extraction and analysis holding times were met.

All surrogate recoveries were within the QC limits.

Matrix spike and matrix spike duplicate analyses were shared with work order # 609053. The percent recoveries for five spikes in MS and seven spikes in MSD were slightly below the QC limits. All other recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with each sample batch. Recovery of one compound was slightly below the QC limits. All other recoveries were within the QC 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

Five soil samples were analyzed for aluminum, antimony, barium, cadmium, chromium, cobalt, copper, iron, lead, magnesium,

manganese, mercury, molybdenum, nickel, strontium, titanium, and zinc; four soil samples were analyzed for total lead. 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.

A matrix spike and matrix spike duplicate were performed on sample A064 NOW-017-5001 for all required analytes and shared with GPL work order 609069-001 for lead only. A serial dilution was also performed for ICPMS analytes. The matrix spike was outside of the control limits for antimony, barium, copper, molybdenum, nickel; matrix spike duplicate for antimony barium, copper, and molybdenum; all associated data were flagged with an "N". A post digestion analytical spike was performed with recoveries within 20% of the true value (except barium and nickel). Post digestion analytical spike failed for barium and nickel. No control limits were applied to the matrix spike for aluminum, chromium, iron, magnesium, manganese and titanium; matrix spike duplicate for aluminum, iron, magnesium, manganese and titanium due to an insignificant spike addition. The serial dilution was outside of the control limits for aluminum, chromium, copper, iron, manganese, nickel, and zinc; all associated data were flagged with an "E".

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 Wickham

Reviewed By,

Project Manager

Approved By,

Laboratory Director

Sample Summary Report

Shaw E&I, Inc

Work Order: 609054

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
A014 NWO-017-0013	609054-001-001-1/1	SW6020	SOIL	09/07/2006	09/12/2006
	609054-001-001-1/1	CLP_SOLIDS			
A018 NWO-017-0017R	609054-009-004-1/1	SW6020	SOIL	09/11/2006	09/12/2006
	609054-009-004-1/1	CLP_SOLIDS			
A019 NWO-017-0018FDR	609054-008-003-1/1	SW6020	SOIL	09/11/2006	09/12/2006
	609054-008-003-1/1	CLP_SOLIDS			
A019 NWO-017-0018R	609054-007-002-1/1	SW6020	SOIL	09/11/2006	09/12/2006
	609054-007-002-1/1	CLP_SOLIDS			
A051 NWO-017-0039R	609054-004-012-1/2	SW8330	SOIL	09/07/2006	09/12/2006
	609054-004-012-1/2	SW8330A			
	609054-004-012-1/2	SW6020_MM			
	609054-004-012-1/2	SW7471A			
	609054-004-012-1/2	CLP_SOLIDS			
A052 NWO-017-0040R	609054-005-014-1/2	SW8330	SOIL	09/07/2006	09/12/2006
	609054-005-014-1/2	SW8330A			
	609054-005-014-1/2	SW6020_MM			
	609054-005-014-1/2	SW7471A			
	609054-005-014-1/2	CLP_SOLIDS			
A053 NWO-017-1009R	609054-003-010-1/2	SW8330	SOIL	09/07/2006	09/12/2006
	609054-003-010-1/2	SW8330A			
	609054-003-010-1/2	SW6020_MM			
	609054-003-010-1/2	SW7471A			
	609054-003-010-1/2	CLP_SOLIDS			
A057 NWO-017-1010R	609054-002-008-1/2	SW8330	SOIL	09/07/2006	09/12/2006
	609054-002-008-1/2	SW8330A			
	609054-002-008-1/2	SW6020_MM			
	609054-002-008-1/2	SW7471A			
	609054-002-008-1/2	CLP_SOLIDS			
A064 NWO-017-5001	609054-006-005-1/3	SW6020_MM	SOIL	09/07/2006	09/12/2006
	609054-006-005-1/3	SW7471A			
	609054-006-005-1/3	CLP_SOLIDS			

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A014 NWO-017-0013	Lab Sample ID:	609054-001-001-1/1
Sample Date/Time:	09/07/2006 08:45	Percent Moisture:	13.8
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Lead**	**10.7**	**D**	**1.8**	**10**	**mg/kg**	**09/27/06**	**20:20**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A014 NWO-017-0013	Lab Sample ID:	609054-001-001-1/1
Sample Date/Time:	09/07/2006 08:45	Percent Moisture:	13.8
Receipt Date/Time:	09/12/2006 14:03	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**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A057 NWO-017-1010R	Lab Sample ID:	609054-002-008-1/2
Sample Date/Time:	09/07/2006 10:50	Percent Moisture:	59.55
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	18:04
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/26/06	22:10

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	105 %	31 - 129	1	09/26/06	22:10

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A057 NWO-017-1010R	Lab Sample ID:	609054-002-008-1/2
Sample Date/Time:	09/07/2006 10:50	Percent Moisture:	59.55
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	18:04
2) 1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
3) 2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
4) 2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
5) 2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
6) 2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
7) 4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
8) HMX	BQL	U	0.080	1	mg/kg	09/25/06	18:04
9) Nitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	18:04
10) RDX	BQL	U	0.080	1	mg/kg	09/25/06	18:04
11) Tetryl	BQL	U	0.080	1	mg/kg	09/25/06	18:04
12) m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	18:04
13) o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	18:04
14) p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	18:04

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	58 %	31 - 129	1	09/25/06	18:04

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A057 NWO-017-1010R	Lab Sample ID:	609054-002-008-1/2
Sample Date/Time:	09/07/2006 10:50	Percent Moisture:	59.55
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**34900**	**ED**	**165**	**20**	**mg/kg**	**09/28/06**	**18:22**
2)	Antimony	BQL	UN	1.7	20	mg/kg	09/28/06	18:22
3)	**Barium**	**444**	**ND**	**8.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
4)	Cadmium	0.42	JD	0.83	20	mg/kg	09/28/06	18:22
5)	**Chromium**	**55.9**	**ED**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
6)	**Cobalt**	**38.1**	**ED**	**0.83**	**20**	**mg/kg**	**09/28/06**	**18:22**
7)	**Copper**	**67.5**	**ND**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
8)	**Iron**	**63500**	**ED**	**82.6**	**20**	**mg/kg**	**09/28/06**	**18:22**
9)	**Lead**	**12.0**	**D**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
10)	**Magnesium**	**5370**	**D**	**165**	**20**	**mg/kg**	**09/28/06**	**18:22**
11)	**Manganese**	**2320**	**ED**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
12)	Molybdenum	1.2	JND	8.3	20	mg/kg	09/28/06	18:22
13)	**Nickel**	**38.2**	**NE**	**1.7**	**20**	**mg/kg**	**09/28/06**	**18:22**
14)	**Strontium**	**107**	**D**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
15)	**Titanium**	**1400**	**D**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:22**
16)	**Zinc**	**78.8**	**ED**	**16.5**	**20**	**mg/kg**	**09/28/06**	**18:22**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A057 NWO-017-1010R	Lab Sample ID:	609054-002-008-1/2
Sample Date/Time:	09/07/2006 10:50	Percent Moisture:	59.55
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/22/2006 19:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.041**		**0.031**	**1**	**mg/kg**	**09/23/06**	**18:43**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A057 NWO-017-1010R	Lab Sample ID:	609054-002-008-1/2
Sample Date/Time:	09/07/2006 10:50	Percent Moisture:	59.55
Receipt Date/Time:	09/12/2006 14:03	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**	**40**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A053 NWO-017-1009R	Lab Sample ID:	609054-003-010-1/2
Sample Date/Time:	09/07/2006 12:00	Percent Moisture:	21.08
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	19:01
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/26/06	23:14

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	80 %	31 - 129	1	09/26/06	23:14

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A053 NWO-017-1009R	Lab Sample ID:	609054-003-010-1/2
Sample Date/Time:	09/07/2006 12:00	Percent Moisture:	21.08
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	19:01
2) 1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
3) 2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
4) 2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
5) 2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
6) 2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
7) 4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	19:01
8) HMX	BQL	U	0.080	1	mg/kg	09/25/06	19:01
9) Nitrobenzene	0.025	J	0.040	1	mg/kg	09/25/06	19:01
10) RDX	BQL	U	0.080	1	mg/kg	09/25/06	19:01
11) Tetryl	BQL	U	0.080	1	mg/kg	09/25/06	19:01
12) m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	19:01
13) o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	19:01
14) p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	19:01

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	66 %	31 - 129	1	09/25/06	19:01

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A053 NWO-017-1009R	Lab Sample ID:	609054-003-010-1/2
Sample Date/Time:	09/07/2006 12:00	Percent Moisture:	21.08
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**39300**	**ED**	**82**	**10**	**mg/kg**	**09/27/06**	**20:57**
2)	Antimony	BQL	UN	0.82	10	mg/kg	09/27/06	20:57
3)	**Barium**	**181**	**ND**	**4.1**	**10**	**mg/kg**	**09/27/06**	**20:57**
4)	**Cadmium**	**0.64**	**D**	**0.41**	**10**	**mg/kg**	**09/27/06**	**20:57**
5)	**Chromium**	**117**	**ED**	**1.6**	**10**	**mg/kg**	**09/27/06**	**20:57**
6)	**Cobalt**	**76.5**	**ED**	**0.41**	**10**	**mg/kg**	**09/27/06**	**20:57**
7)	**Copper**	**86.8**	**ND**	**3.3**	**20**	**mg/kg**	**09/27/06**	**21:03**
8)	**Iron**	**75600**	**ED**	**41**	**10**	**mg/kg**	**09/27/06**	**20:57**
9)	Lead	1.6	JD	1.6	10	mg/kg	09/27/06	20:57
10)	**Magnesium**	**12900**	**D**	**82**	**10**	**mg/kg**	**09/27/06**	**20:57**
11)	**Manganese**	**1800**	**ED**	**1.6**	**10**	**mg/kg**	**09/27/06**	**20:57**
12)	Molybdenum	BQL	UN	4.1	10	mg/kg	09/27/06	20:57
13)	**Nickel**	**79.5**	**NE**	**0.82**	**10**	**mg/kg**	**09/27/06**	**20:57**
14)	**Strontium**	**88.0**	**D**	**1.6**	**10**	**mg/kg**	**09/27/06**	**20:57**
15)	**Titanium**	**4480**	**D**	**3.3**	**20**	**mg/kg**	**09/27/06**	**21:03**
16)	**Zinc**	**66.5**	**ED**	**8.2**	**10**	**mg/kg**	**09/27/06**	**20:57**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A053 NWO-017-1009R	Lab Sample ID:	609054-003-010-1/2
Sample Date/Time:	09/07/2006 12:00	Percent Moisture:	21.08
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/22/2006 19:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	BQL	U	0.025	1	mg/kg	09/23/06	18:45

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A053 NWO-017-1009R	Lab Sample ID:	609054-003-010-1/2
Sample Date/Time:	09/07/2006 12:00	Percent Moisture:	21.08
Receipt Date/Time:	09/12/2006 14:03	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**	**79**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A051 NWO-017-0039R	Lab Sample ID:	609054-004-012-1/2
Sample Date/Time:	09/07/2006 11:15	Percent Moisture:	8.04
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	22:55
2)	Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/26/06	23:35

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3)	4-Nitroaniline	86 %	31 - 129	1	09/26/06	23:35

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A051 NWO-017-0039R	Lab Sample ID:	609054-004-012-1/2
Sample Date/Time:	09/07/2006 11:15	Percent Moisture:	8.04
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	22:55
2) 1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
3) 2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
4) 2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
5) 2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
6) 2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
7) 4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
8) HMX	BQL	U	0.080	1	mg/kg	09/25/06	22:55
9) Nitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	22:55
10) RDX	BQL	U	0.080	1	mg/kg	09/25/06	22:55
11) Tetryl	BQL	U	0.080	1	mg/kg	09/25/06	22:55
12) m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	22:55
13) o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	22:55
14) p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	22:55

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	60 %	31 - 129	1	09/25/06	22:55

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A051 NWO-017-0039R	Lab Sample ID:	609054-004-012-1/2
Sample Date/Time:	09/07/2006 11:15	Percent Moisture:	8.04
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**50000**	**ED**	**80**	**10**	**mg/kg**	**09/27/06**	**21:09**
2)	Antimony	BQL	UN	0.8	10	mg/kg	09/27/06	21:09
3)	**Barium**	**183**	**ND**	**4**	**10**	**mg/kg**	**09/27/06**	**21:09**
4)	**Cadmium**	**0.68**	**D**	**0.4**	**10**	**mg/kg**	**09/27/06**	**21:09**
5)	**Chromium**	**147**	**ED**	**1.6**	**10**	**mg/kg**	**09/27/06**	**21:09**
6)	**Cobalt**	**65.3**	**ED**	**0.4**	**10**	**mg/kg**	**09/27/06**	**21:09**
7)	**Copper**	**133**	**ND**	**3.2**	**20**	**mg/kg**	**09/27/06**	**21:16**
8)	**Iron**	**74200**	**ED**	**40**	**10**	**mg/kg**	**09/27/06**	**21:09**
9)	**Lead**	**3.9**	**D**	**1.6**	**10**	**mg/kg**	**09/27/06**	**21:09**
10)	**Magnesium**	**13200**	**D**	**80**	**10**	**mg/kg**	**09/27/06**	**21:09**
11)	**Manganese**	**2300**	**ED**	**1.6**	**10**	**mg/kg**	**09/27/06**	**21:09**
12)	Molybdenum	0.24	JND	4	10	mg/kg	09/27/06	21:09
13)	**Nickel**	**73.9**	**NE**	**0.8**	**10**	**mg/kg**	**09/27/06**	**21:09**
14)	**Strontium**	**78.4**	**D**	**1.6**	**10**	**mg/kg**	**09/27/06**	**21:09**
15)	**Titanium**	**4900**	**D**	**3.2**	**20**	**mg/kg**	**09/27/06**	**21:16**
16)	**Zinc**	**73.7**	**ED**	**8**	**10**	**mg/kg**	**09/27/06**	**21:09**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A051 NWO-017-0039R	Lab Sample ID:	609054-004-012-1/2
Sample Date/Time:	09/07/2006 11:15	Percent Moisture:	8.04
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/22/2006 19:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	0.023	J	0.029	1	mg/kg	09/23/06	18:48

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A051 NWO-017-0039R	Lab Sample ID:	609054-004-012-1/2
Sample Date/Time:	09/07/2006 11:15	Percent Moisture:	8.04
Receipt Date/Time:	09/12/2006 14:03	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**	**92**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A052 NWO-017-0040R	Lab Sample ID:	609054-005-014-1/2
Sample Date/Time:	09/07/2006 13:30	Percent Moisture:	8.39
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	23:53
2) Pentaerythritol Tetranitrate	BQL	U	0.20	1	mg/kg	09/26/06	23:57

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
3) 4-Nitroaniline	94 %	31 - 129	1	09/26/06	23:57

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A052 NWO-017-0040R	Lab Sample ID:	609054-005-014-1/2
Sample Date/Time:	09/07/2006 13:30	Percent Moisture:	8.39
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/18/2006 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	09/25/06	23:53
2)	1,3-Dinitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
3)	2,4,6-Trinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
4)	2,4-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
5)	2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
6)	2-Amino-4,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
7)	4-Amino-2,6-Dinitrotoluene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
8)	HMX	BQL	U	0.080	1	mg/kg	09/25/06	23:53
9)	Nitrobenzene	BQL	U	0.040	1	mg/kg	09/25/06	23:53
10)	RDX	BQL	U	0.080	1	mg/kg	09/25/06	23:53
11)	Tetryl	BQL	U	0.080	1	mg/kg	09/25/06	23:53
12)	m-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	23:53
13)	o-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	23:53
14)	p-Nitrotoluene	BQL	U	0.080	1	mg/kg	09/25/06	23:53

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	58 %	31 - 129	1	09/25/06	23:53

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A052 NWO-017-0040R	Lab Sample ID:	609054-005-014-1/2
Sample Date/Time:	09/07/2006 13:30	Percent Moisture:	8.39
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**51300**	**ED**	**89.3**	**10**	**mg/kg**	**09/27/06**	**21:22**
2)	Antimony	BQL	UN	0.89	10	mg/kg	09/27/06	21:22
3)	**Barium**	**172**	**ND**	**4.5**	**10**	**mg/kg**	**09/27/06**	**21:22**
4)	**Cadmium**	**1.0**	**D**	**0.45**	**10**	**mg/kg**	**09/27/06**	**21:22**
5)	**Chromium**	**175**	**ED**	**1.8**	**10**	**mg/kg**	**09/27/06**	**21:22**
6)	**Cobalt**	**62.7**	**ED**	**0.45**	**10**	**mg/kg**	**09/27/06**	**21:22**
7)	**Copper**	**156**	**ND**	**3.6**	**20**	**mg/kg**	**09/27/06**	**21:28**
8)	**Iron**	**89200**	**ED**	**44.6**	**10**	**mg/kg**	**09/27/06**	**21:22**
9)	**Lead**	**5.7**	**D**	**1.8**	**10**	**mg/kg**	**09/27/06**	**21:22**
10)	**Magnesium**	**11100**	**D**	**89.3**	**10**	**mg/kg**	**09/27/06**	**21:22**
11)	**Manganese**	**2260**	**ED**	**1.8**	**10**	**mg/kg**	**09/27/06**	**21:22**
12)	Molybdenum	0.40	JND	4.5	10	mg/kg	09/27/06	21:22
13)	**Nickel**	**73.5**	**NE**	**0.89**	**10**	**mg/kg**	**09/27/06**	**21:22**
14)	**Strontium**	**50.4**	**D**	**1.8**	**10**	**mg/kg**	**09/27/06**	**21:22**
15)	**Titanium**	**7490**	**D**	**3.6**	**20**	**mg/kg**	**09/27/06**	**21:28**
16)	**Zinc**	**95.8**	**ED**	**8.9**	**10**	**mg/kg**	**09/27/06**	**21:22**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A052 NWO-017-0040R	Lab Sample ID:	609054-005-014-1/2
Sample Date/Time:	09/07/2006 13:30	Percent Moisture:	8.39
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/22/2006 19:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	0.023	J	0.031	1	mg/kg	09/23/06	18:50

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A052 NWO-017-0040R	Lab Sample ID:	609054-005-014-1/2
Sample Date/Time:	09/07/2006 13:30	Percent Moisture:	8.39
Receipt Date/Time:	09/12/2006 14:03	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**	**92**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A064 NWO-017-5001	Lab Sample ID:	609054-006-005-1/3
Sample Date/Time:	09/07/2006 16:00	Percent Moisture:	14.15
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Aluminum**	**54000**	**ED**	**81.3**	**10**	**mg/kg**	**09/28/06**	**18:28**
2)	Antimony	BQL	UN	0.81	10	mg/kg	09/28/06	18:28
3)	**Barium**	**127**	**ND**	**4.1**	**10**	**mg/kg**	**09/28/06**	**18:28**
4)	**Cadmium**	**0.60**	**D**	**0.41**	**10**	**mg/kg**	**09/28/06**	**18:28**
5)	**Chromium**	**243**	**ED**	**1.6**	**10**	**mg/kg**	**09/28/06**	**18:28**
6)	**Cobalt**	**80.6**	**ED**	**0.41**	**10**	**mg/kg**	**09/28/06**	**18:28**
7)	**Copper**	**133**	**ND**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:59**
8)	**Iron**	**83100**	**ED**	**40.7**	**10**	**mg/kg**	**09/28/06**	**18:28**
9)	**Lead**	**3.5**	**D**	**1.6**	**10**	**mg/kg**	**09/28/06**	**18:28**
10)	**Magnesium**	**15300**	**D**	**81.3**	**10**	**mg/kg**	**09/28/06**	**18:28**
11)	**Manganese**	**2400**	**ED**	**1.6**	**10**	**mg/kg**	**09/28/06**	**18:28**
12)	Molybdenum	0.33	JND	4.1	10	mg/kg	09/28/06	18:28
13)	**Nickel**	**96.8**	**NE**	**0.81**	**10**	**mg/kg**	**09/28/06**	**18:28**
14)	**Strontium**	**36.6**	**D**	**1.6**	**10**	**mg/kg**	**09/28/06**	**18:28**
15)	**Titanium**	**5690**	**D**	**3.3**	**20**	**mg/kg**	**09/28/06**	**18:59**
16)	**Zinc**	**79.2**	**ED**	**8.1**	**10**	**mg/kg**	**09/28/06**	**18:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A064 NWO-017-5001	Lab Sample ID:	609054-006-005-1/3
Sample Date/Time:	09/07/2006 16:00	Percent Moisture:	14.15
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW7471_DIG
Prepared Date/Time:	09/22/2006 19:00	Analytical Method:	SW7471A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Mercury**	**0.067**		**0.033**	**1**	**mg/kg**	**09/23/06**	**18:52**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A064 NWO-017-5001	Lab Sample ID:	609054-006-005-1/3
Sample Date/Time:	09/07/2006 16:00	Percent Moisture:	14.15
Receipt Date/Time:	09/12/2006 14:03	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**	**%**	**09/15/06**	**11:28**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A019 NWO-017-0018R	Lab Sample ID:	609054-007-002-1/1
Sample Date/Time:	09/11/2006 08:30	Percent Moisture:	12.27
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Lead**	**13.5**	**D**	**1.8**	**10**	**mg/kg**	**09/27/06**	**22:54**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A019 NWO-017-0018R	Lab Sample ID:	609054-007-002-1/1
Sample Date/Time:	09/11/2006 08:30	Percent Moisture:	12.27
Receipt Date/Time:	09/12/2006 14:03	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**	**88**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A019 NWO-017-0018FDR	Lab Sample ID:	609054-008-003-1/1
Sample Date/Time:	09/11/2006 08:30	Percent Moisture:	11.44
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Lead**	**13.8**	**D**	**1.8**	**10**	**mg/kg**	**09/27/06**	**23:00**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A019 NWO-017-0018FDR	Lab Sample ID:	609054-008-003-1/1
Sample Date/Time:	09/11/2006 08:30	Percent Moisture:	11.44
Receipt Date/Time:	09/12/2006 14:03	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**	**88**		**1.0**	**1**	**%**	**09/15/06**	**11:28**

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A018 NWO-017-0017R	Lab Sample ID:	609054-009-004-1/1
Sample Date/Time:	09/11/2006 09:40	Percent Moisture:	15.07
Receipt Date/Time:	09/12/2006 14:03	Preparation Method:	SW3050B
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**Lead**	**29.1**	**D**	**1.7**	**10**	**mg/kg**	**09/28/06**	**19:54**

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	SOIL
Client Sample ID:	A018 NWO-017-0017R	Lab Sample ID:	609054-009-004-1/1
Sample Date/Time:	09/11/2006 09:40	Percent Moisture:	15.07
Receipt Date/Time:	09/12/2006 14:03	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**	**%**	**09/15/06**	**11:28**

Qualifier Definitions

Shaw E&I, Inc

Work Order: 609054

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

GPL LABORATORIES
7210A Corporate Dr
Frederick, MD 21703
301 694 5310

CHAIN OF CUSTODY

CoC Number: NW0017-011

PAGE: 1 OF 1

GPL Project Manager: Tim Allred
Project Name: FUDS MMRP
Project Number: 15168
Client Name: Shaw Environmental, Inc. / Tetra Tech
Address: 112 Jefferson Drive
City, State: Kingsville, TX
Phone: 303.960.5972
Fax:
Zip Code: 77963
Shipping Method: FedEx
Waybill Number: 8546 9918 9045
Comments: 11 100 Walk-in Freezer, Kingsville
Preservatives and Containers

Shaw MMRP FUDS Site - 017 Camp Addair

AL 40z, clear glass jars w/ Teflon lined cap

Sample Information / Methods for Analysis

Loc #	No.	FIELD Sample ID	Date Sampled	Time Sampled	Matrix	Sampler's Initials	TAL-SW 846/6020 Sb-Tl-Sn-V	Explosives SW-846 8330A	VOC by SW-846 8330A (MRL)	PFAS SW 846 537(Mod)	Hardness by SW 846-7971A	Lead by SW 846-6020	Total Mercury by SW 846-7470A	Preservative	Filter	TOTAL BOTTLES
A014		NW0-017-0013	9-7-06	0845	SO	NAA						X		N	N	1
A057		NW0-017-1010R	9-7-06	1050	SO	NAA	X	X	X	X	X		X	N	N	2
A053		NW0-017-1009b	9-7-06	1200	SO	NAA	X	X	X	X	X		X	N	N	2
A051		NW0-017-0039R	9-7-06	1115	SO	NAA	X	X	X	X	X		X	N	N	2
A052		NW0-017-0040R	9-7-06	1330	SO	NAA	X	X	X	X	X		X	N	N	2
A064		NW0-017-5001	9-7-06	1600	SO	NAA	X				X		X	N	N	1
A064		NW0-017-5001MS	9-7-06	1600	SO	NAA	X				X		X	N	N	1
A064		NW0-017-5001MSD	9-7-06	1600	SO	NAA	X				X		X	N	N	1
A019		NW0-017-0018A	9-11-06	0830	SO	NAA						X		N	N	1
A019		NW0-017-0018FD	9-11-06	0830	SO	NAA						X		N	N	1
A018		NW0-017-0017A	9-11-06	0940	SO	NAA						X		N	N	1

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

TAT Requirement: 21 Days

Total number of samples

Relinquished By: [signature] Date: 9-11-06 Time: 1500
Received By: Date: Time:
Relinquished By: Date: Time:
Received By: [signature] Date: 9/12/06 Time: 10:30 Hrs
Relinquished By: Date: Time:

For Lab Use

GPL WORK ORDER #: 609054

PURCHASE ORDER #:

COOLER RECEIPT CONDITION

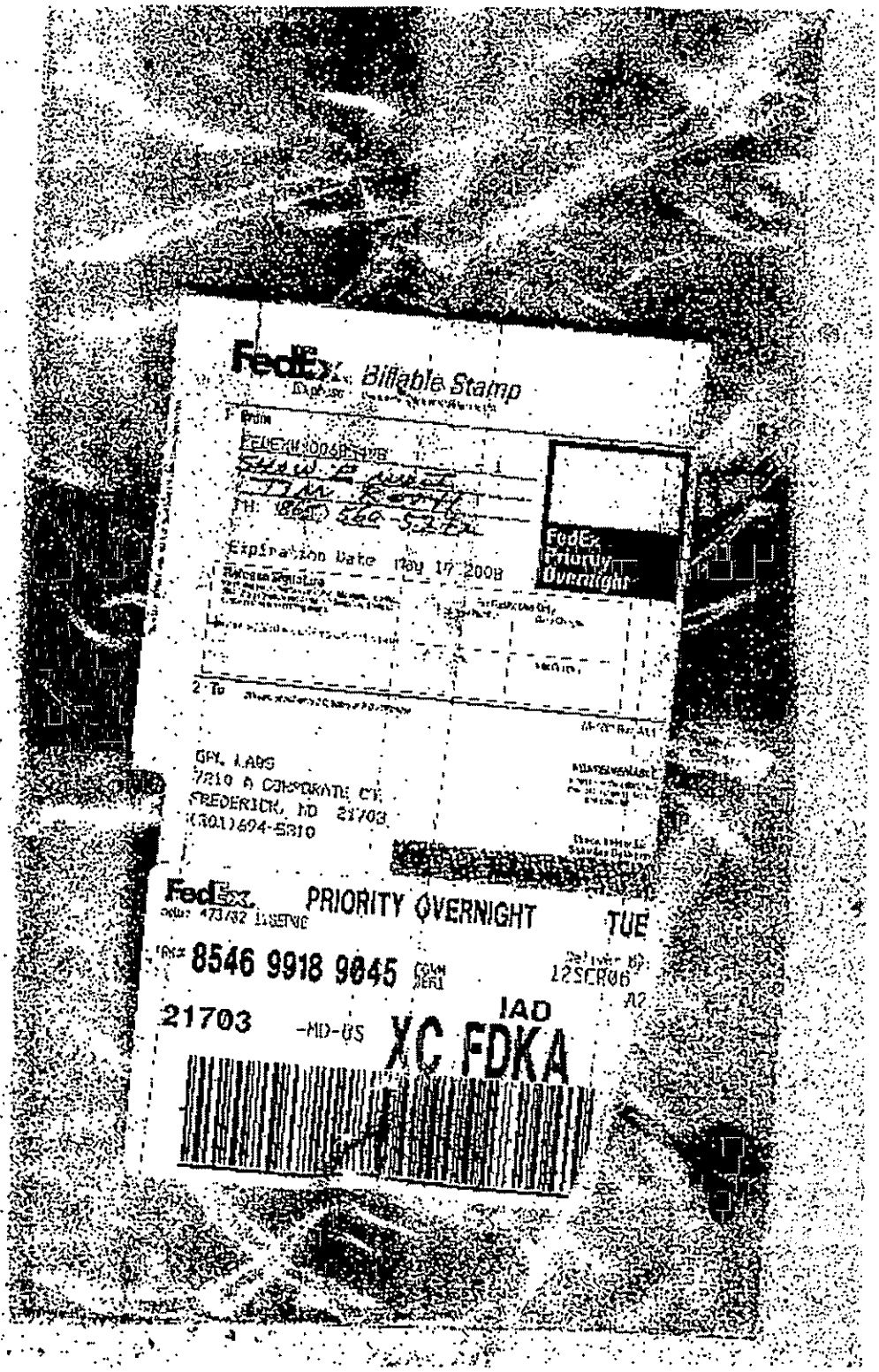
2.0

Temp 8: Wet ok
Cooler 2 of 2

Chain of Custody

Shaw E&I, Inc

SDG: 609054



Chain of Custody

Shaw E&I, Inc

SDG: 609054

GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 609054
Client Name: Shaw
Date Received: 9/12/06
Time Received: 10:30 am
Received By: MD

Carrier Name: FedEx
Prepared (Logged In) By: MD 9/12/06 (Initials Date)
Project:
Site:
VOA Holding Bank I.D. No:

	YES	NO
Are Artifacts 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: Bubble Wrap		
Custody seals on Sample Bottles?	✓	
Condition: Good Broken		
Total Number of Sample Bottles: 15		
Total Number of Samples: 9		
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		

Project Manager Contacted?
Name:
Date Contacted: 9/12/06

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

Checklist Completed By: MD
Date: 9/12/06

SOP No: F-2V-5

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 : 609054**

Surrogate	NO2ANIL4
Lower QC Limits	**31**
Upper QC Limits	**129**
Sample ID	
A051 NWO-017-0039R	60
A052 NWO-017-0040R	58
A053 NWO-017-1009R	66
A057 NWO-017-1010R	58
BKS93813	105
BLK93813	102

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name : GPL Laboratories SDG NO : 609053 Method : SW8330A

Lab Code : GPL Lab Sample ID : 609053-002-003-1/2MSD Matrix : SOIL Analysis Date : 09/23/2006

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	0.38	0.37	76	74 *	3	25	75-125
1,3-Dinitrobenzene	.5	.5	0.0	0.40	0.40	80	80	0	25	80-125
2,4,6-Trinitrotoluene	.5	.5	0.0	0.40	0.41	80	82	2	25	55-140
2,4-Dinitrotoluene	.5	.5	0.0	0.38	0.37	76 *	74 *	3	25	80-125
2,6-Dinitrotoluene	.5	.5	0.0	0.39	0.40	78 *	80	3	25	80-120
2-Amino-4,6-Dinitrotoluene	.5	.5	0.0	0.37	0.37	74 *	74 *	0	25	80-125
4-Amino-2,6-Dinitrotoluene	.5	.5	0.0	0.32	0.34	64 *	68 *	6	25	80-125
HMX	.5	.5	0.0	0.42	0.37	84	74 *	13	25	75-125
Nitrobenzene	.5	.5	0.024	0.39	0.39	73 *	73 *	0	25	75-125
RDX	.5	.5	0.0	0.35	0.31	70	62 *	12	25	70-135
Tetryl	.5	.5	0.0	0.31	0.30	62	60	3	25	10-150
m-Nitrotoluene	.5	.5	0.0	0.40	0.40	80	80	0	25	75-120
o-Nitrotoluene	.5	.5	0.0	0.40	0.41	80	82	2	25	80-125
p-Nitrotoluene	.5	.5	0.0	0.39	0.40	78	80	3	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 12 Out of 28 Outside Limit

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name : GPL Laboratories SDG NO : 609053 Method : SW8330

Lab Code : GPL Lab Sample ID : 609053-002-003-1/2MSD Matrix : SOIL Analysis Date : 09/25/2006

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	11	11	110	110	0	25	50-150

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name : GPL Laboratories SDG NO : 609053 Method : SW8330

Lab Code : GPL Lab Sample ID : 609053-002-003-1/2MSD Matrix : SOIL Analysis Date : 09/26/2006

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	0.41	0.40	103	103	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
BKS93813

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

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 609054
Lab Sample ID : BKS93813
Analysis Date : 09/23/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	.5	0	0.37	74 *	75-125
1,3-Dinitrobenzene	.5	0	0.46	92	80-125
2,4,6-Trinitrotoluene	.5	0	0.46	92	55-140
2,4-Dinitrotoluene	.5	0	0.44	88	80-125
2,6-Dinitrotoluene	.5	0	0.46	92	80-120
2-Amino-4,6-Dinitrotoluene	.5	0	0.45	90	80-125
4-Amino-2,6-Dinitrotoluene	.5	0	0.43	86	80-125
HMX	.5	0	0.45	90	75-125
Nitrobenzene	.5	0	0.44	88	75-125
RDX	.5	0	0.45	90	70-135
Tetryl	.5	0	0.33	66	10-150
m-Nitrotoluene	.5	0	0.48	96	75-120
o-Nitrotoluene	.5	0	0.48	96	80-125
p-Nitrotoluene	.5	0	0.46	92	75-125

* Values Outside of QC Limits

Spike recovery : 1 out of 14 outside limits

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS93818

Lab Name :	GPL Laboratories	Contract. :	Camp Addair - Shaw FUDS MMRP Site - 017
Lab Code :	GPL	SDG NO :	609054
Matrix :	SOIL	Lab Sample ID :	BKS93818
Method :	SW8330	Analysis Date :	09/23/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Nitroglycerine	10	0	10	100	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
BLK93813

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93813
Lab File ID :	LCD32938.D	SDG NO :	609054
Date Analyzed	09/23/2006	Lab Sample ID :	BLK93813
Date Extracted :	09/18/2006	Time Analyzed :	04:18
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
BKS93813	BKS93813	LCD32939.D	09/23/2006
A057 NWO-017-1010R	609054-002-008-1/2	LCD32968.D	09/25/2006
A053 NWO-017-1009R	609054-003-010-1/2	LCD32969.D	09/25/2006
A051 NWO-017-0039R	609054-004-012-1/2	LCD32973.D	09/25/2006
A052 NWO-017-0040R	609054-005-014-1/2	LCD32974.D	09/25/2006

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93818

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93818
Lab File ID :	LCD32938.D	SDG NO :	609054
Date Analyzed	09/23/2006	Lab Sample ID :	BLK93818
Date Extracted :	09/18/2006	Time Analyzed :	04:18
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
BKS93818	BKS93818	LCD32942.D	09/23/2006
A057 NWO-017-1010R	609054-002-008-1/2	LCD32968.D	09/25/2006
A053 NWO-017-1009R	609054-003-010-1/2	LCD32969.D	09/25/2006
A051 NWO-017-0039R	609054-004-012-1/2	LCD32973.D	09/25/2006
A052 NWO-017-0040R	609054-005-014-1/2	LCD32974.D	09/25/2006

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
A057 NWO-017-1010R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-002-008-1/2
Sample Volume :	10	Lab File ID :	LCD32968.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
Injection Volume :	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
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
A057 NWO-017-1010R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-002-008-1/2
Sample Volume :	10	Lab File ID :	LCD32968.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32968.D Vial: 11
Acq On : 25 Sep 2006 18:04 Operator: AG
Sample : 609054-002-008-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:53 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

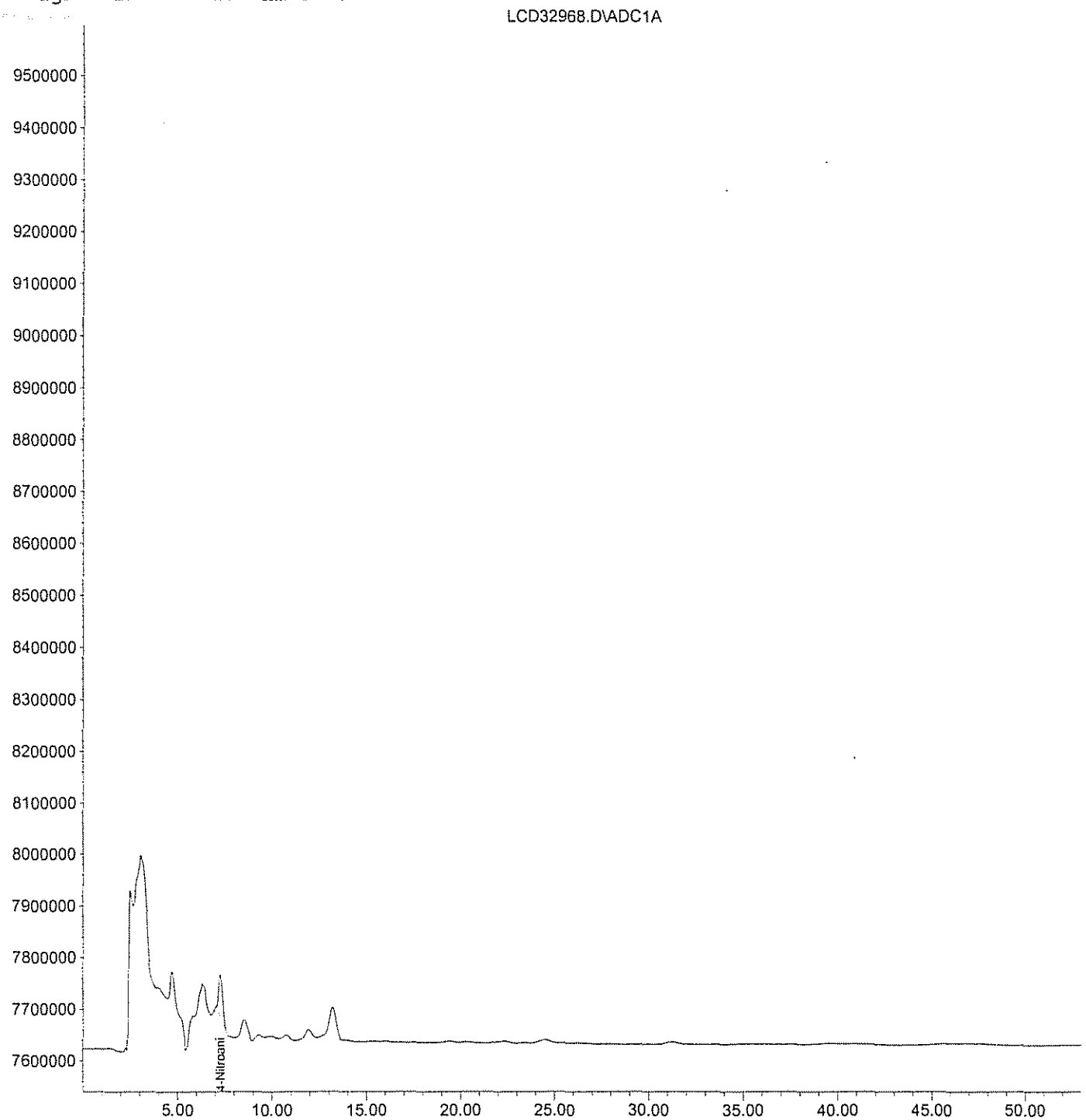
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.29	11696764	87.445	ng/mlm
Spiked Amount 150.000 Range 52 - 154 Recovery = 58.30%				
Target Compounds				
1) T HMX	0.00	0	N.D.	ng/mld
3) T 1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4) T Tetryl	0.00	0	N.D.	ng/ml
5) T 2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/mld
6) T 4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7) T 2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8) T 4-Nitrotoluene	0.00	0	N.D.	ng/ml
9) M RDX	0.00	0	N.D.	ng/ml
10) M 1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11) M Nitrobenzene	0.00	0	N.D.	ng/ml
12) M 2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13) M 2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14) M 2-Nitrotoluene	0.00	0	N.D.	ng/ml
15) M 3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32968.D Vial: 11
Acq On : 25 Sep 2006 18:04 Operator: AG
Sample : 609054-002-008-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:53 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\092706\LB36419.D Vial: 11
Acq On : 27 Sep 2006 21:21 Operator: AG.
Sample : 609054-002 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:49 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	8.80	18890699	147.140 ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 98.09%			
Target Compounds			

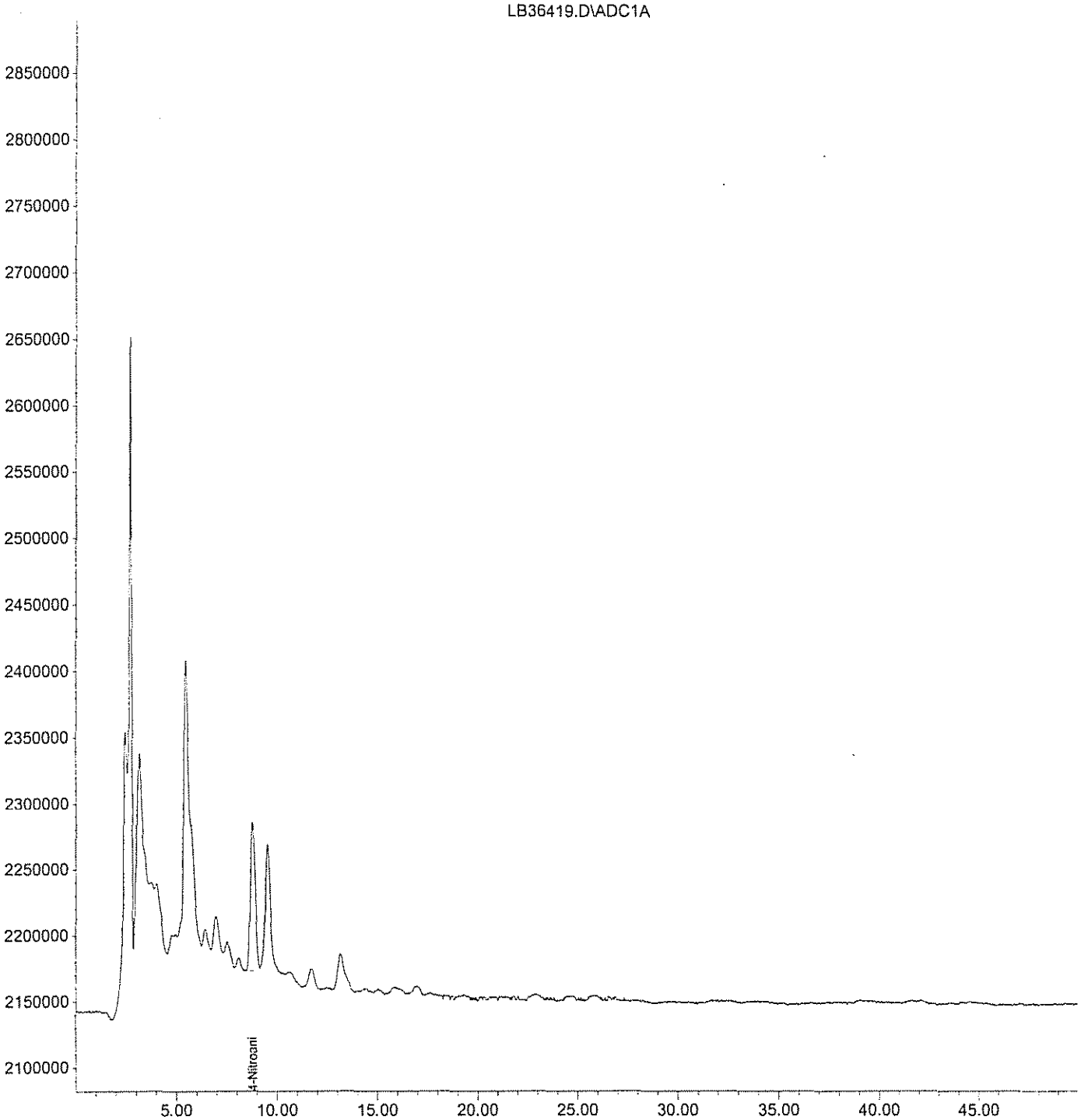
Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36419.D Vial: 11
Acq On : 27 Sep 2006 21:21 Operator: AG.
Sample : 609054-002 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:49 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.

LB36419.D\ADC1A



Quantitation Report (QT Reviewed)

```
Data File : H:\LCDATA\LCD\092506\0925NG\LCD32968.D        Vial: 11
Acq On    : 25 Sep 2006  18:04                         Operator: AG
Sample    : 609054-002-008-1/2                         Inst    : LCD
Misc      : SOIL                                       Multiplr: 1.00
IntFile   : events.e
Quant Time: Sep 27 12:55 2006  Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title        : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update  : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

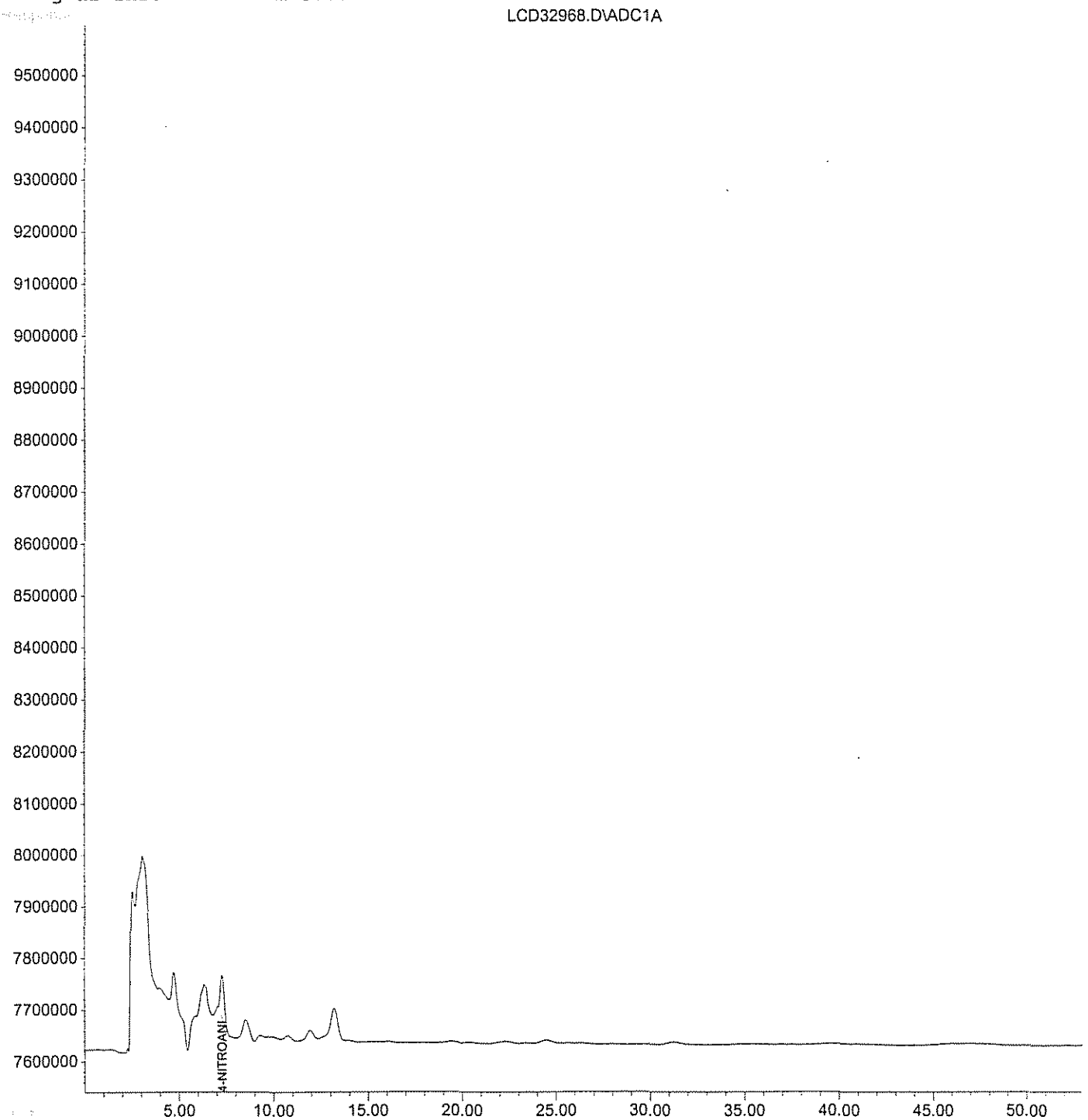
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.29	11888693	84.310	PPB	m
Spiked Amount 300.000		Recovery =	28.10%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32968.D Vial: 11
Acq On : 25 Sep 2006 18:04 Operator: AG
Sample : 609054-002-008-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:55 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 I
ANALYSIS DATA SHEET

SAMPLE NO
A053 NWO-017-1009R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-003-010-1/2
Sample Volume :	10.03	Lab File ID :	LCD32969.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
Injection Volume :	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
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	0.025	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 I
ANALYSIS DATA SHEET

SAMPLE NO
A053 NWO-017-1009R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-003-010-1/2
Sample Volume :	10.03	Lab File ID :	LCD32969.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32969.D Vial: 12
Acq On : 25 Sep 2006 19:01 Operator: AG
Sample : 609054-003-010-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:02 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

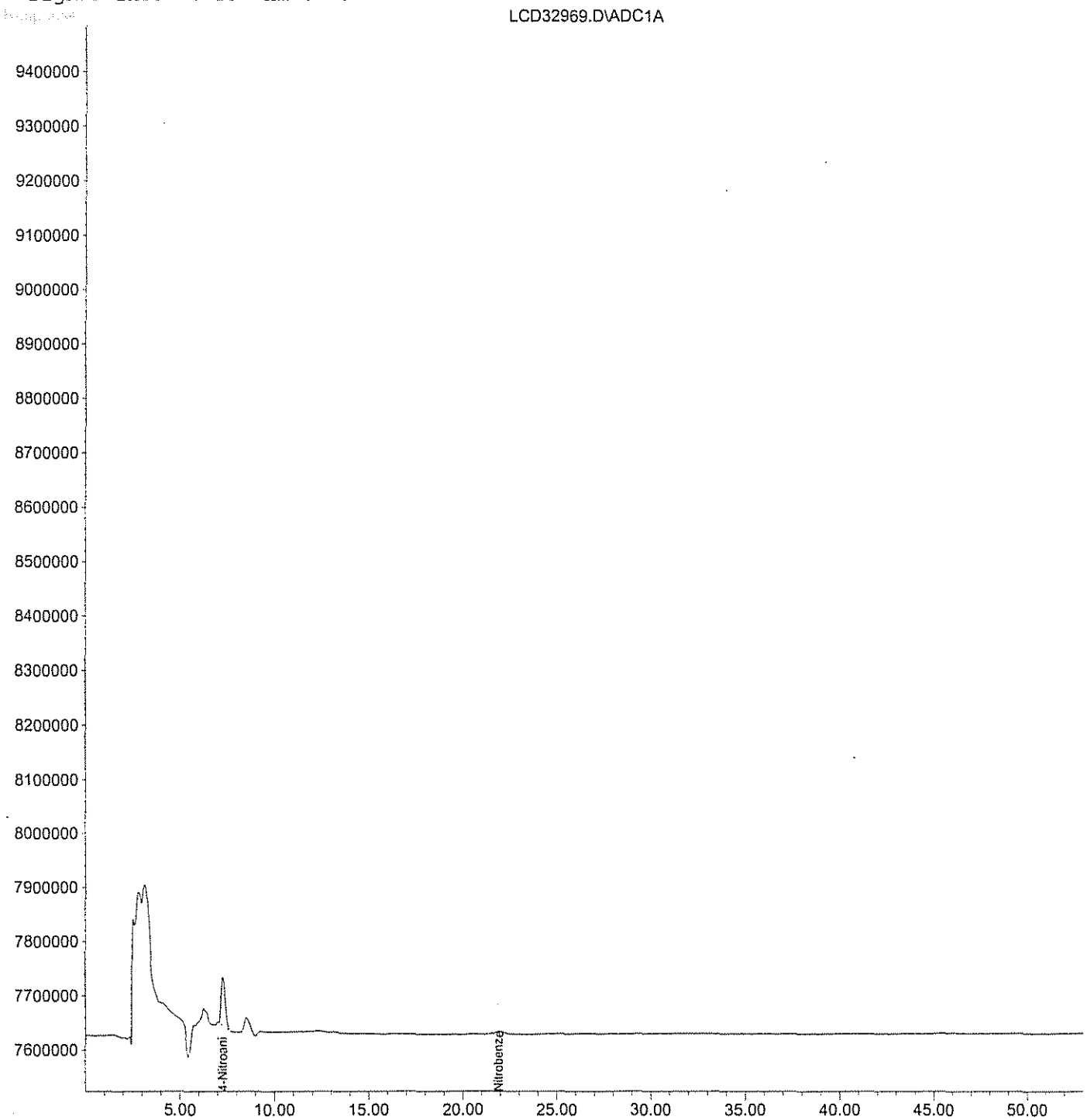
	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
2) S	4-Nitroaniline	7.28	13240785	98.988	ng/mlm
Spiked Amount	150.000	Range 52 - 154	Recovery =	65.99%	
	Target Compounds				
1) T	HMX	0.00	0	N.D.	ng/ml
3) T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4) T	Tetryl	0.00	0	N.D.	ng/ml
5) T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7) T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8) T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9) M	RDX	0.00	0	N.D.	ng/ml
10) M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11) M	Nitrobenzene	21.90	2389379	6.328	ng/mlm
12) M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13) M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14) M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15) M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32969.D Vial: 12
Acq On : 25 Sep 2006 19:01 Operator: AG
Sample : 609054-003-010-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:02 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\092706\LB36420.D Vial: 12
Acq On : 27 Sep 2006 22:13 Operator: AG.
Sample : 609054-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:50 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.

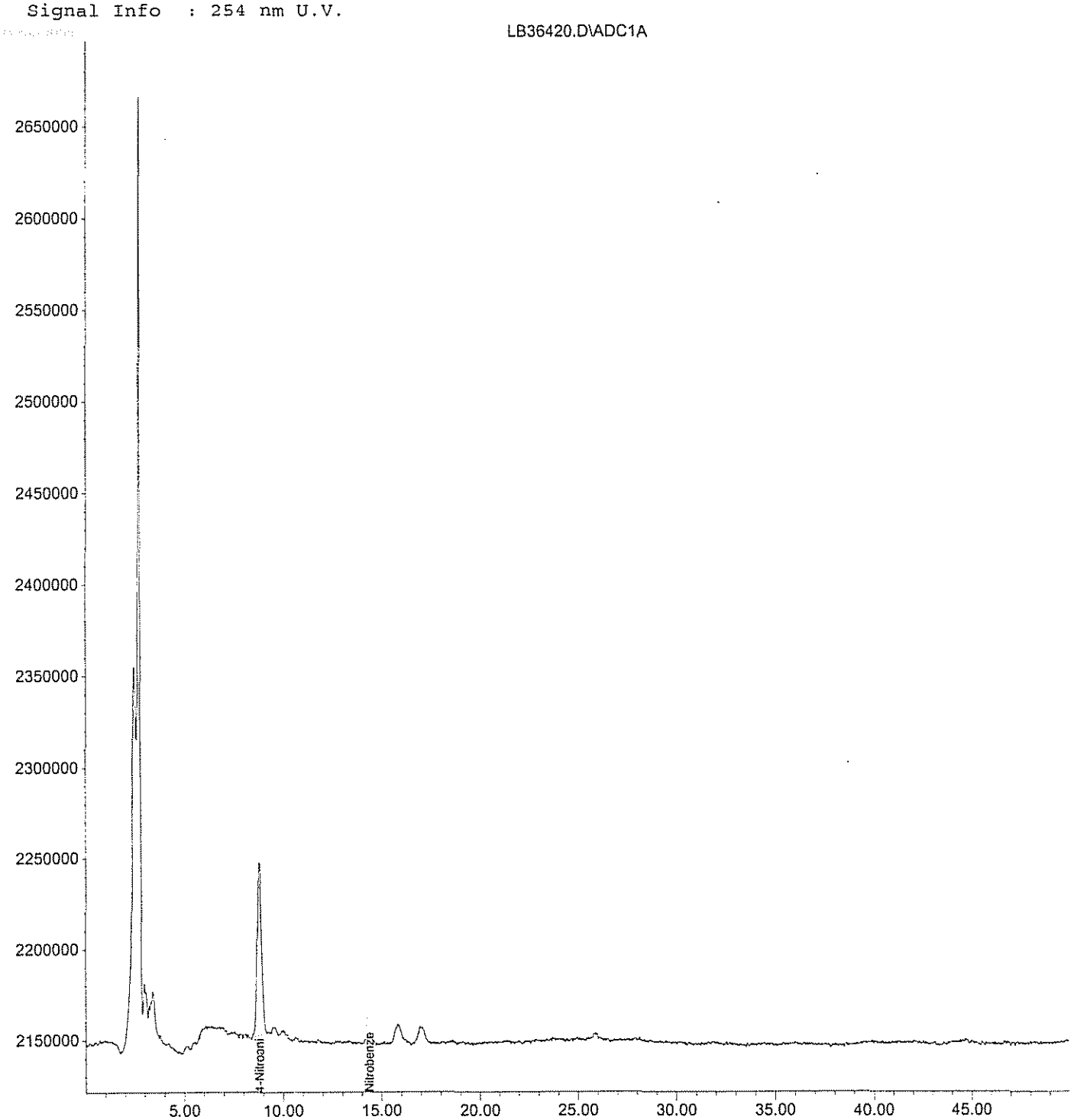
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.80	14972159	116.618 ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 77.75%			
Target Compounds			
11) M Nitrobenzene	14.36	1061402	2.991 ng/mlm

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36420.D Vial: 12
Acq On : 27 Sep 2006 22:13 Operator: AG.
Sample : 609054-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:50 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\LCD\092506\0925NG\LCD32969.D Vial: 12
Acq On : 25 Sep 2006 19:01 Operator: AG
Sample : 609054-003-010-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:58 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

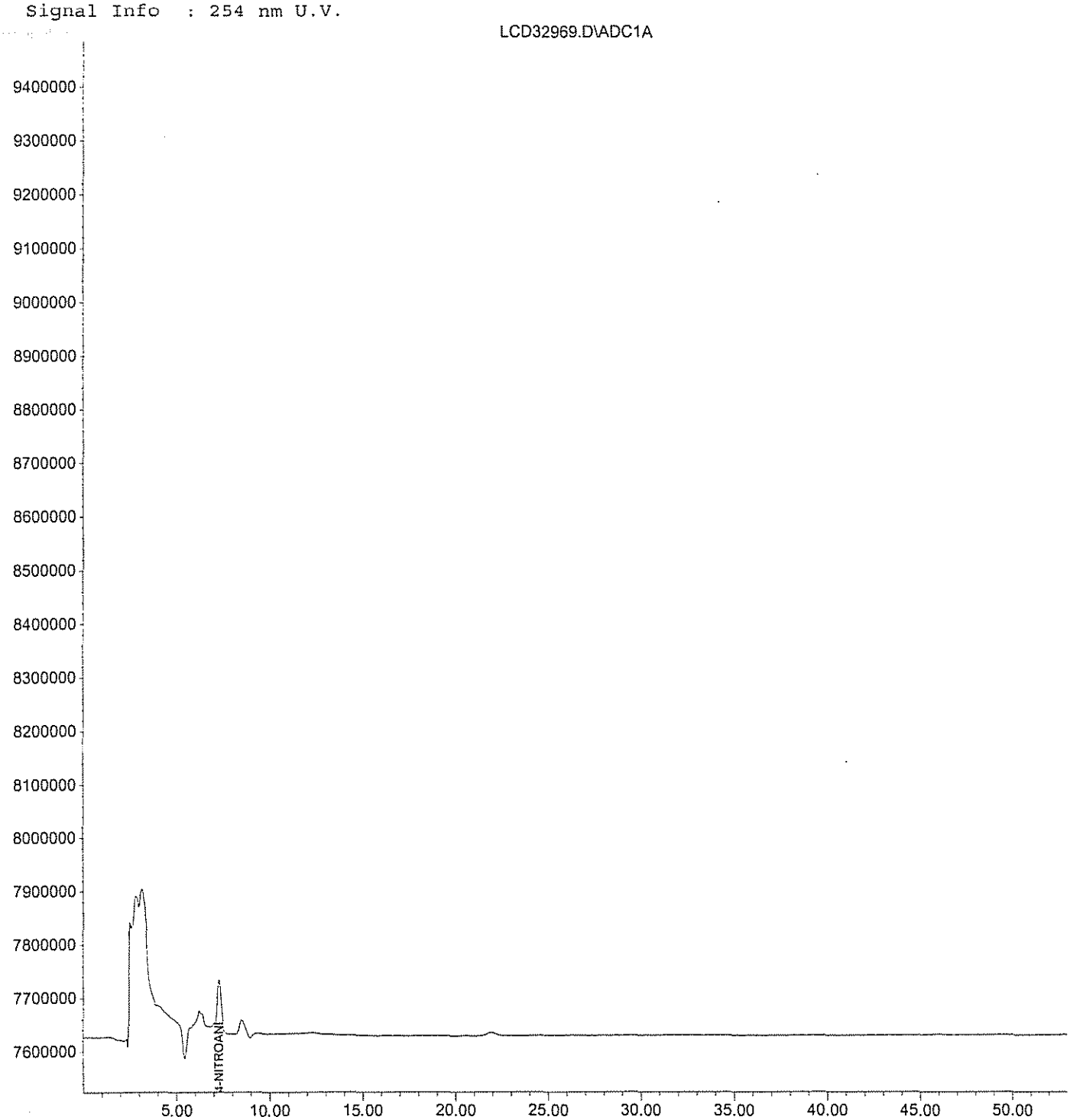
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.28	13192795	93.558	PPB	m
Spiked Amount 300.000		Recovery =	31.19%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32969.D Vial: 12
Acq On : 25 Sep 2006 19:01 Operator: AG
Sample : 609054-003-010-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:58 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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\092706\0927NG\LB36420.D Vial: 12
Acq On : 27 Sep 2006 22:13 Operator: AG.
Sample : 609054-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:56 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.

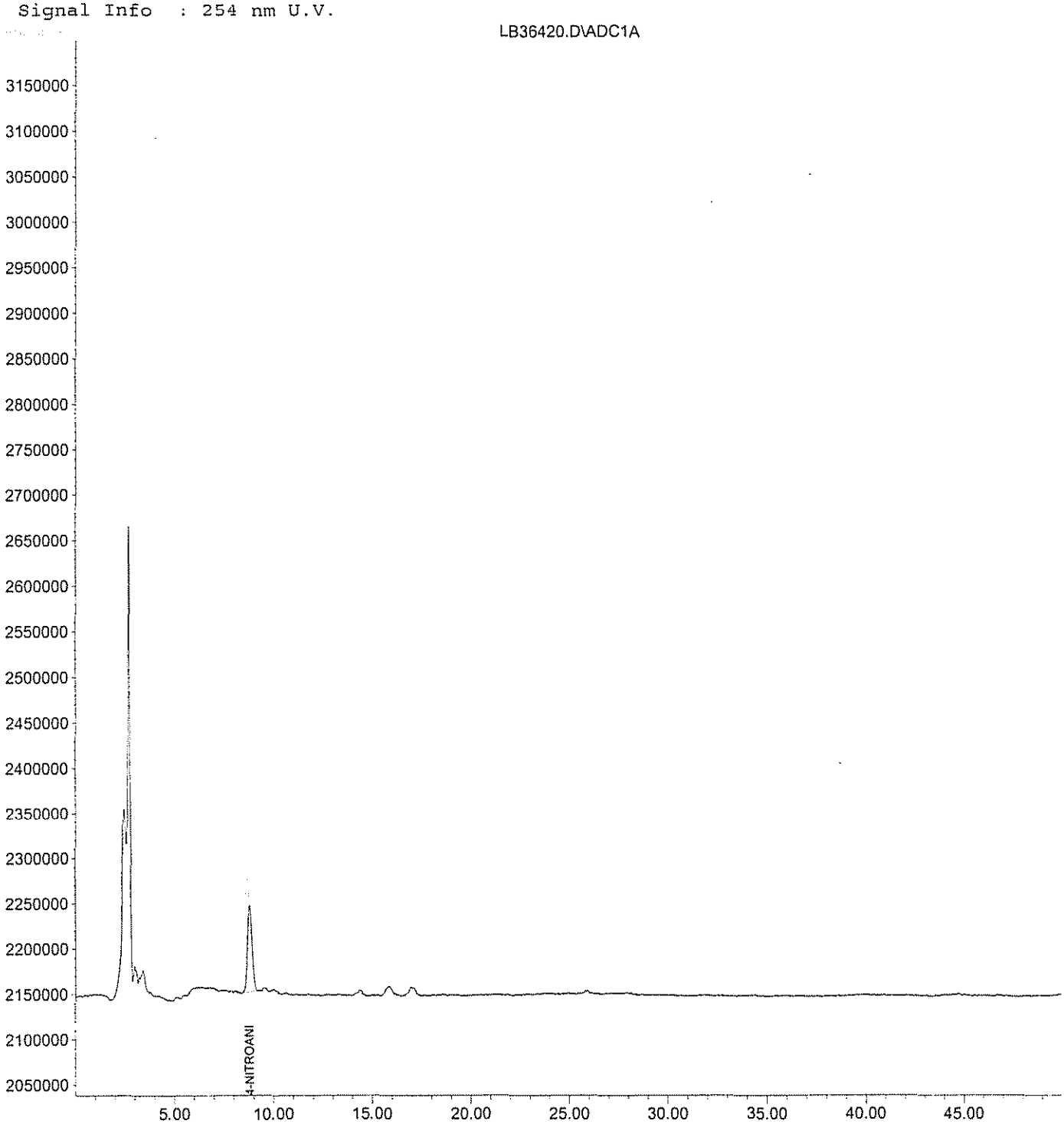
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.80	15050998	143.699	PPB
Spiked Amount 300.000		Recovery =	47.90%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

Quantitation Report

Data File : H:\LCDATA\LCB\092706\0927NG\LB36420.D Vial: 12
Acq On : 27 Sep 2006 22:13 Operator: AG.
Sample : 609054-003 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:56 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 1
ANALYSIS DATA SHEET

SAMPLE NO
A051 NWO-017-0039R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-004-012-1/2
Sample Volume :	10.02	Lab File ID :	LCD32973.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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
A051 NWO-017-0039R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-004-012-1/2
Sample Volume :	10.02	Lab File ID :	LCD32973.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32973.D Vial: 16
Acq On : 25 Sep 2006 22:55 Operator: AG
Sample : 609054-004-012-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:54 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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	11966588	89.462	ng/mlm
Spiked Amount 150.000 Range 52 - 154 Recovery = 59.64%						
Target Compounds						
1)	T	HMX	0.00	0	N.D.	ng/ml
3)	T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4)	T	Tetryl	0.00	0	N.D.	ng/ml
5)	T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7)	T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8)	T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9)	M	RDX	0.00	0	N.D.	ng/ml
10)	M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/mld
11)	M	Nitrobenzene	0.00	0	N.D.	ng/mld
12)	M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13)	M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14)	M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15)	M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

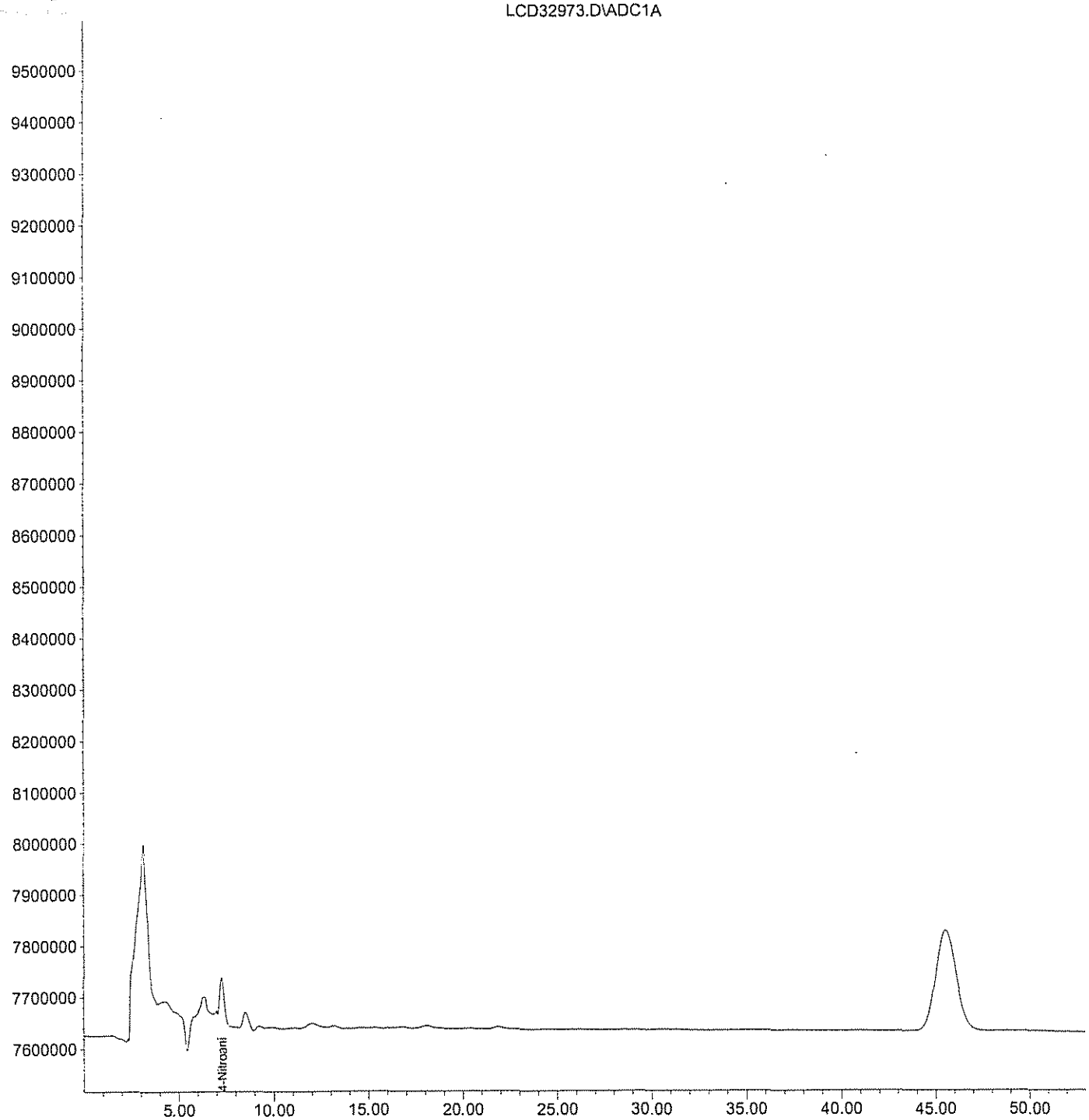
Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32973.D Vial: 16
Acq On : 25 Sep 2006 22:55 Operator: AG
Sample : 609054-004-012-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:54 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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

LCD32973.D\ADC1A



Quantitation Report (QT Reviewed)

```
Data File : H:\LCDATA\LCB\092706\LB36421.D                Vial: 13
Acq On    : 27 Sep 2006  23:04                         Operator: AG.
Sample    : 609054-004                                 Inst    : LCB
Misc      : SOIL                                       Multiplr: 1.00
IntFile   : events.e
Quant Time: Sep 28  8:51 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.
```

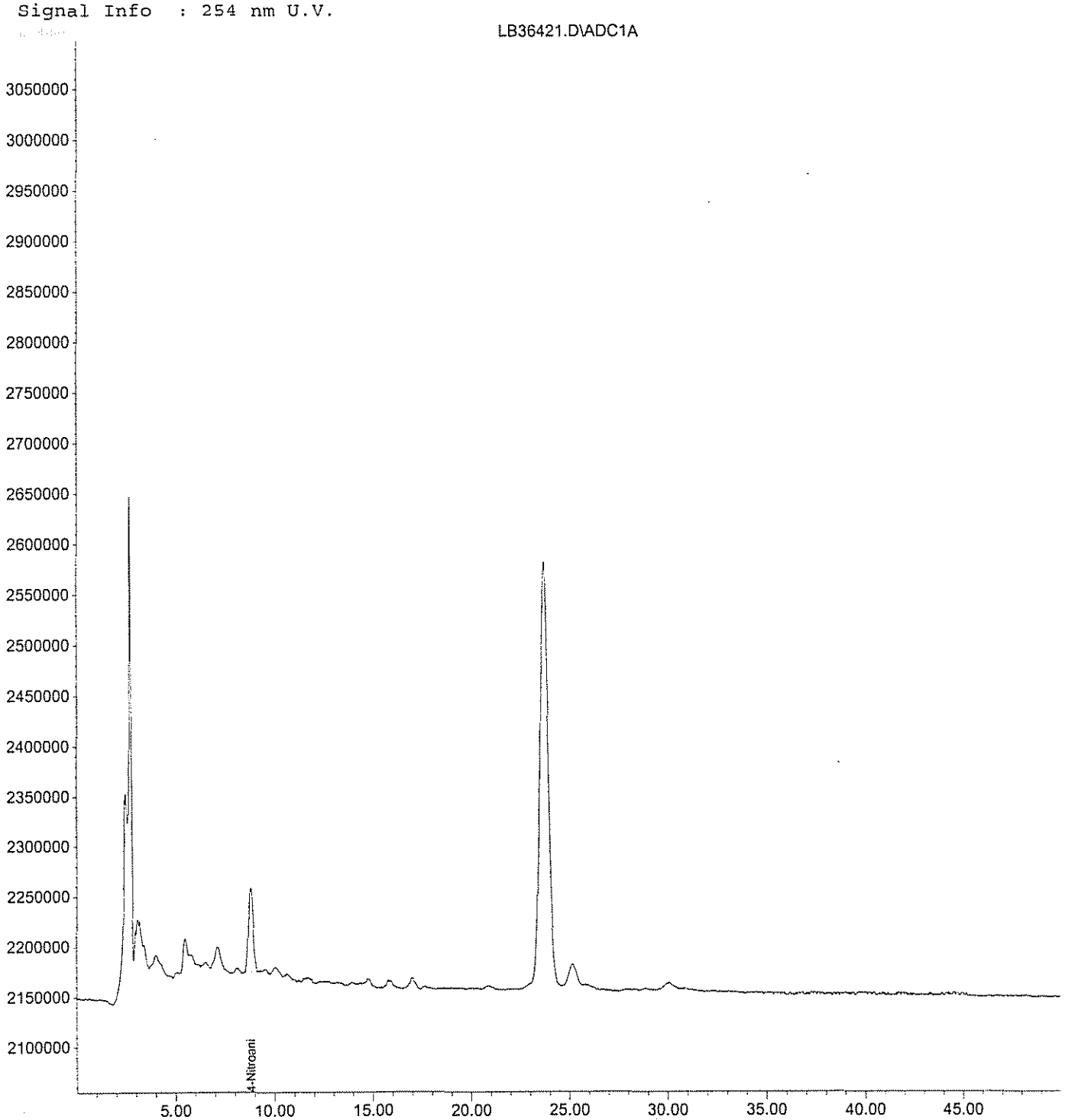
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.81	13584950	105.813 ng/ml
Spiked Amount 150.000	Range 52 - 154	Recovery =	70.54%
Target Compounds			

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36421.D Vial: 13
Acq On : 27 Sep 2006 23:04 Operator: AG.
Sample : 609054-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:51 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.



Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32973.D Vial: 16
Acq On : 25 Sep 2006 22:55 Operator: AG
Sample : 609054-004-012-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:59 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.29	12049520	85.451	PPB	m
Spiked Amount 300.000		Recovery =	28.48%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

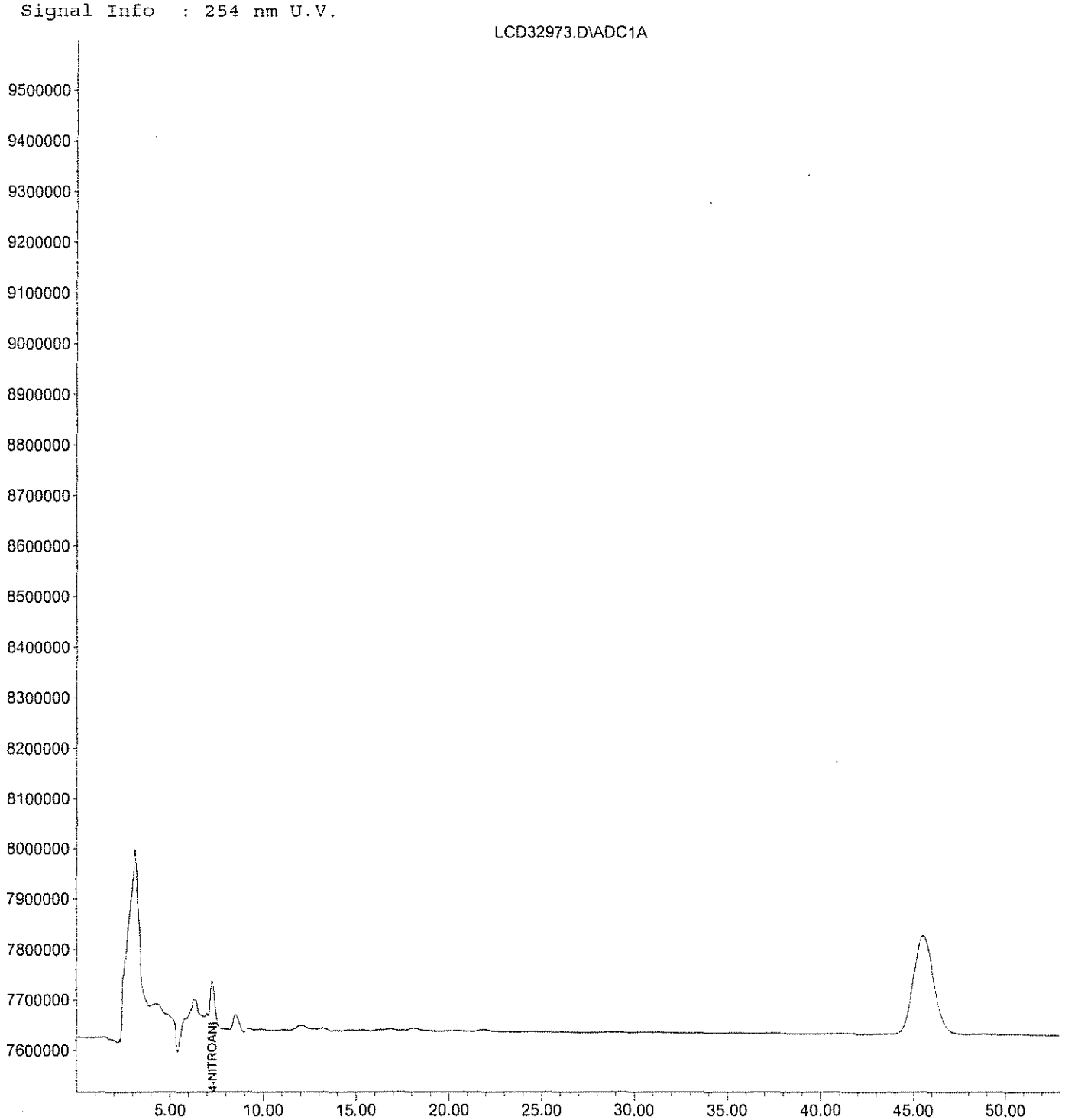
(f)=RT Delta > 1/2 Window (m)=manual integration

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32973.D Vial: 16
Acq On : 25 Sep 2006 22:55 Operator: AG
Sample : 609054-004-012-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:59 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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\092706\0927NG\LB36421.D Vial: 13
Acq On : 27 Sep 2006 23:04 Operator: AG.
Sample : 609054-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:57 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	8.81	13745385	131.233	PPB
Spiked Amount 300.000		Recovery =	43.74%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

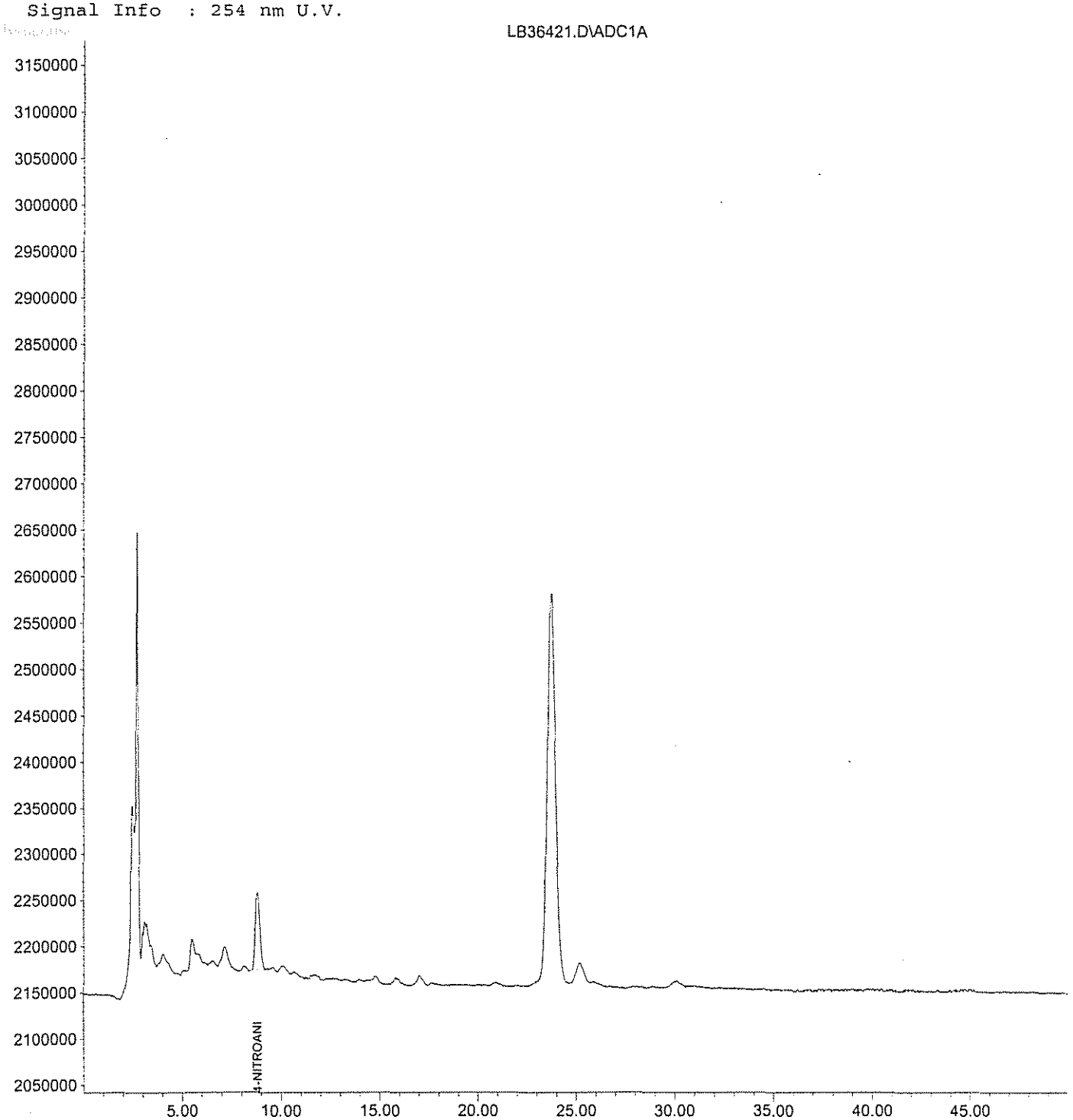
(f)=RT Delta > 1/2 Window (m)=manual integration
LB36421.D 6802NGCO.M Thu Sep 28 08:59:08 2006 A

Quantitation Report

Data File : H:\LCDATA\LCB\092706\0927NG\LB36421.D Vial: 13
Acq On : 27 Sep 2006 23:04 Operator: AG.
Sample : 609054-004 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:57 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
A052 NWO-017-0040R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-005-014-1/2
Sample Volume :	10	Lab File ID :	LCD32974.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
Injection Volume :	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
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
A052 NWO-017-0040R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-005-014-1/2
Sample Volume :	10	Lab File ID :	LCD32974.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32974.D Vial: 17
Acq On : 25 Sep 2006 23:53 Operator: AG
Sample : 609054-005-014-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:54 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

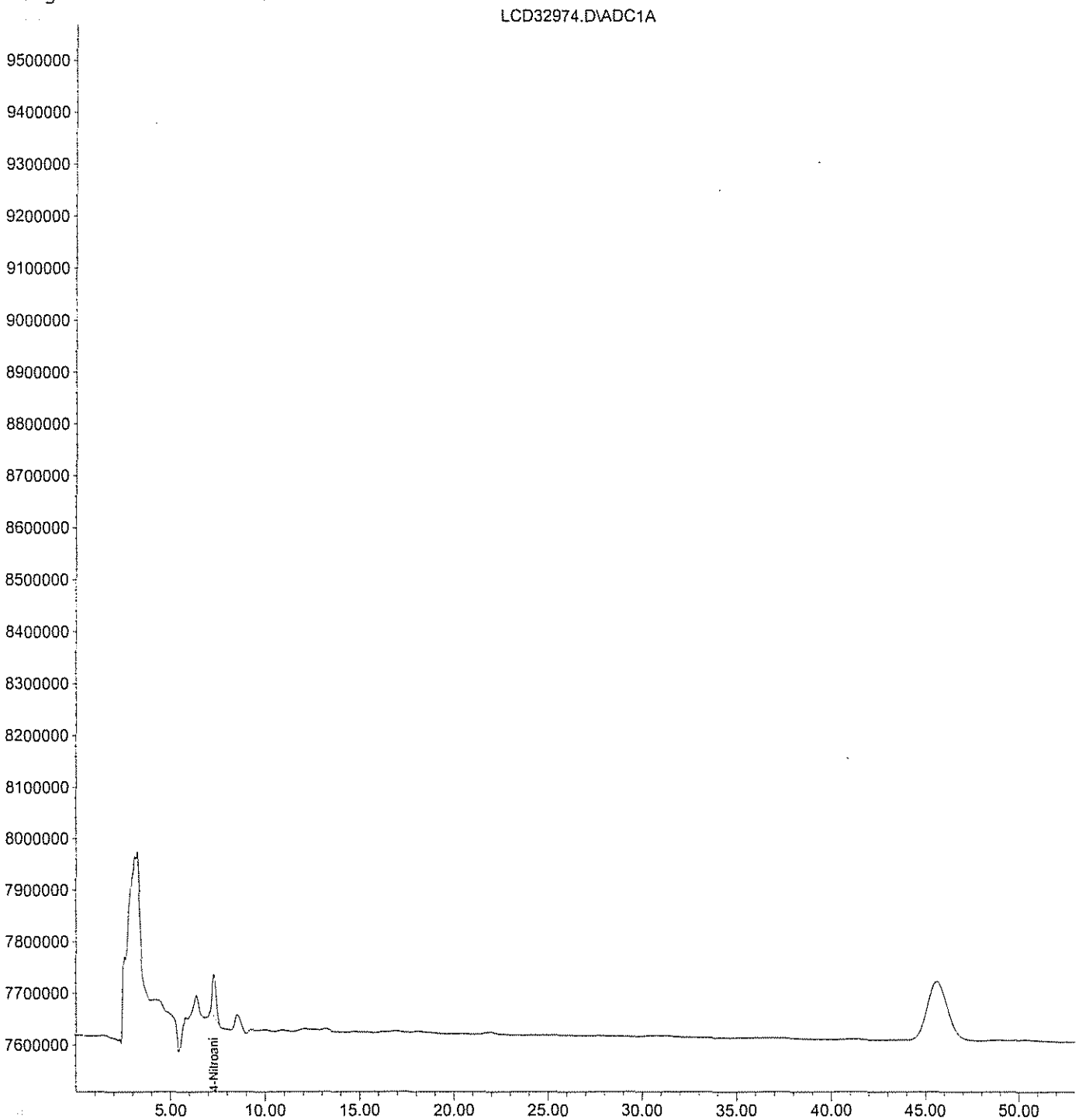
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
2) S 4-Nitroaniline	7.30	11622608	86.891	ng/mlm
Spiked Amount 150.000 Range 52 - 154 Recovery = 57.93%				
Target Compounds				
1) T HMX	0.00	0	N.D.	ng/ml
3) T 1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4) T Tetryl	0.00	0	N.D.	ng/ml
5) T 2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6) T 4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7) T 2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8) T 4-Nitrotoluene	0.00	0	N.D.	ng/ml
9) M RDX	0.00	0	N.D.	ng/ml
10) M 1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11) M Nitrobenzene	0.00	0	N.D.	ng/mld
12) M 2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13) M 2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14) M 2-Nitrotoluene	0.00	0	N.D.	ng/ml
15) M 3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32974.D Vial: 17
Acq On : 25 Sep 2006 23:53 Operator: AG
Sample : 609054-005-014-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:54 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\092706\LB36422.D Vial: 14
Acq On : 27 Sep 2006 23:55 Operator: AG.
Sample : 609054-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:52 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.

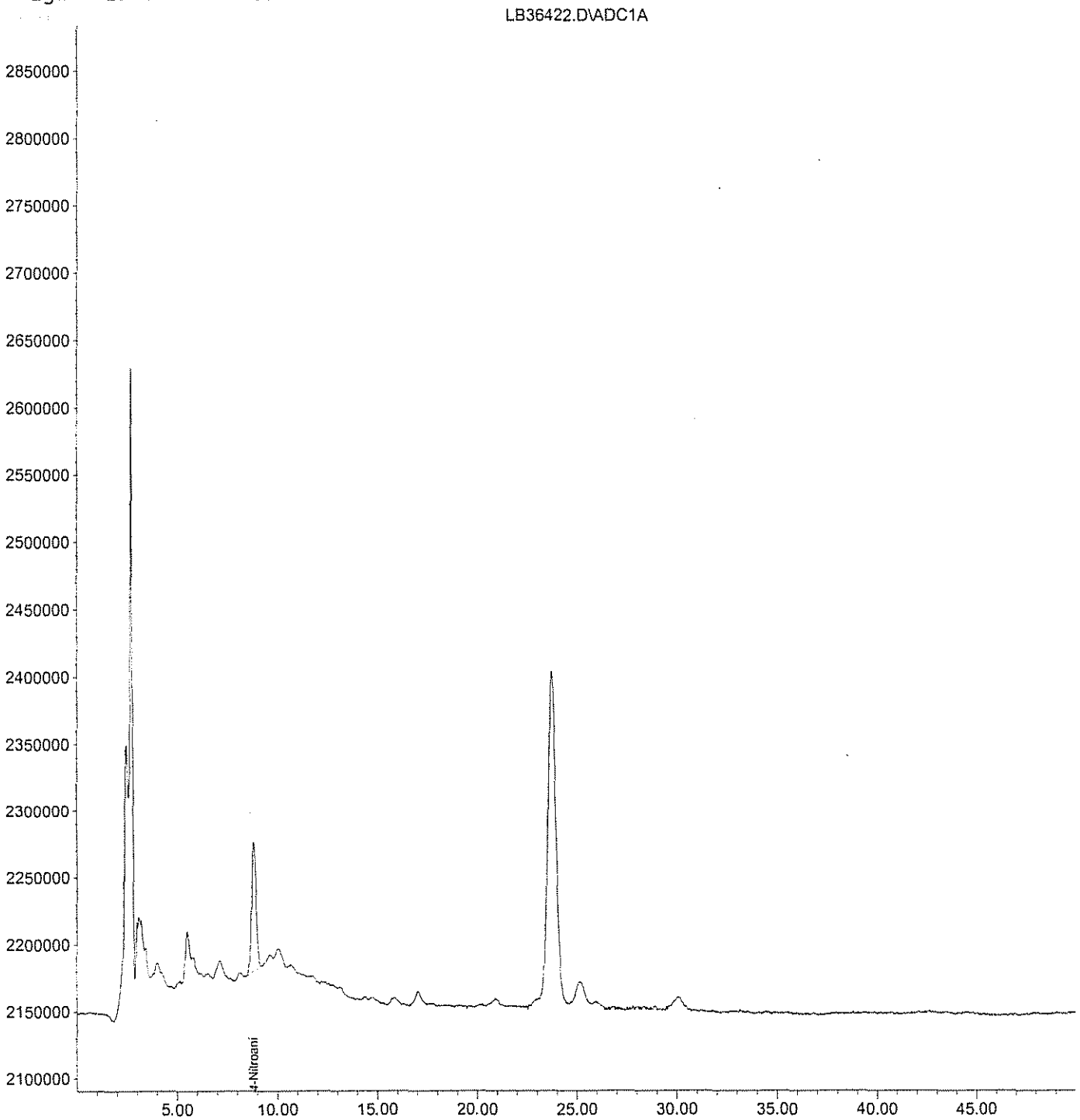
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
2) S 4-Nitroaniline	8.81	15403869	119.981 ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 79.99%			
Target Compounds			

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36422.D Vial: 14
Acq On : 27 Sep 2006 23:55 Operator: AG.
Sample : 609054-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:52 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\LCD\092506\0925NG\LCD32974.D Vial: 17
Acq On : 25 Sep 2006 23:53 Operator: AG
Sample : 609054-005-014-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:59 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

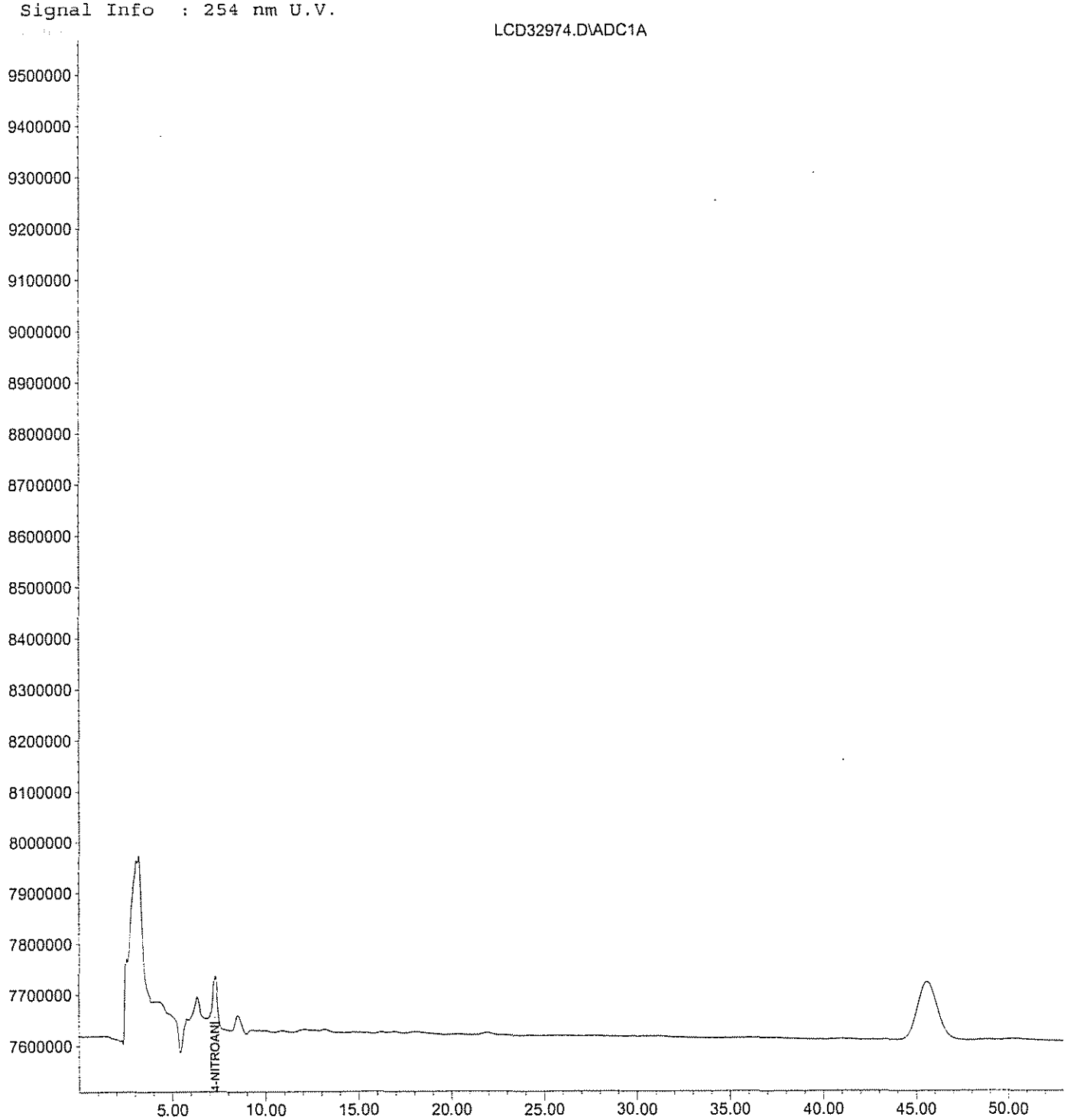
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.30	11550881	81.914	PPB	m
Spiked Amount 300.000		Recovery =	27.30%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	d

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32974.D Vial: 17
Acq On : 25 Sep 2006 23:53 Operator: AG
Sample : 609054-005-014-1/2 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:59 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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\092706\0927NG\LB36422.D Vial: 14
Acq On : 27 Sep 2006 23:55 Operator: AG.
Sample : 609054-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:57 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.

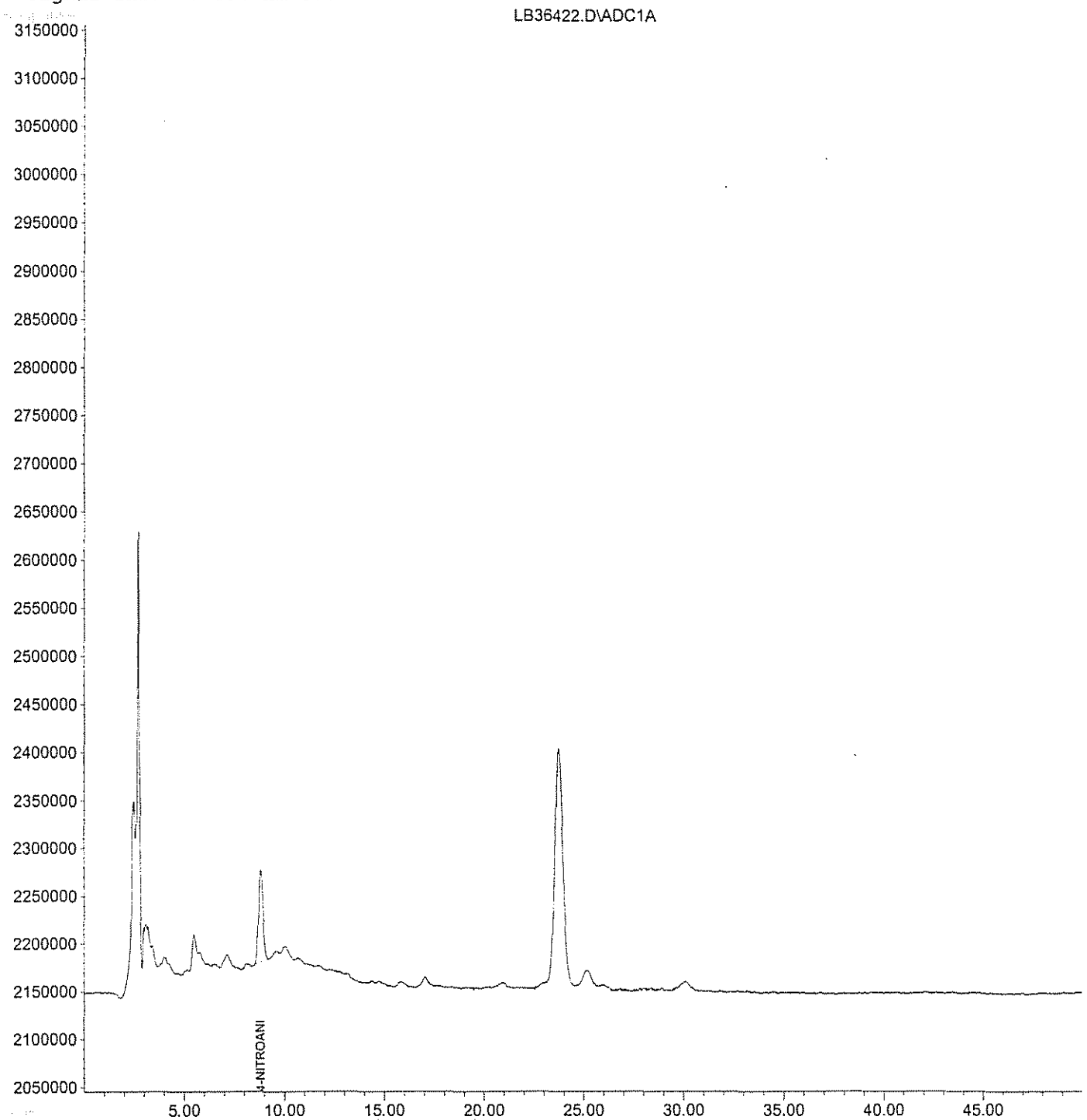
Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S 4-NITROANILINE	8.81	15066767	143.849	PPB
Spiked Amount 300.000		Recovery =	47.95%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

Quantitation Report

Data File : H:\LCDATA\LCB\092706\0927NG\LB36422.D Vial: 14
Acq On : 27 Sep 2006 23:55 Operator: AG.
Sample : 609054-005 Inst : LCB
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 8:57 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Mon Aug 07 10:15:01 2006

Calibration Files
LEV1 =LCD31116.D LEV2 =LCD31117.D LEV3 =LCD31118.D
LEV4 =LCD31119.D LEV5 =LCD31120.D LEV6 =LCD31121.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.760	1.468	1.420	1.472	1.432	1.379	1.488	E5	9.23
2)	S	4-Nitroaniline	1.254	1.308	1.367	1.391	1.364	1.341	1.338	E5	3.70
3)	T	1,3,5-Trinitrobenze	4.182	3.928	3.889	4.037	3.903	3.802	3.957	E5	3.38
4)	T	Tetryl	2.520	2.502	2.858	2.948	2.842	2.757	2.738	E5	6.79
5)	T	2,4,6-Trinitrotolue	3.973	3.421	3.669	3.712	3.634	3.509	3.653	E5	5.22
6)	T	4-Amino-2,6-Dinitro	3.301	3.162	2.771	2.760	2.717	2.623	2.889	E5	9.49
7)	T	2,6-Dinitrotoluene	2.779	2.629	2.543	2.628	2.574	2.487	2.606	E5	3.84
8)	T	4-Nitrotoluene	1.923	2.013	1.886	1.979	1.898	1.866	1.927	E5	2.97
9)	M	RDX	2.188	2.016	1.799	1.820	1.750	1.738	1.885	E5	9.50
10)	M	1,3-Dinitrobenzene	5.826	5.465	5.362	5.590	5.386	5.247	5.479	E5	3.73
11)	M	Nitrobenzene	4.489	3.795	3.586	3.687	3.613	3.487	3.776	E5	9.64
12)	M	2-Amino-4,6-Dinitro	4.481	3.967	3.832	3.860	3.786	3.650	3.929	E5	7.36
13)	M	2,4-Dinitrotoluene	5.945	5.403	5.235	5.367	5.230	5.049	5.371	E5	5.72
14)	M	2-Nitrotoluene	2.488	2.324	2.249	2.340	2.245	2.194	2.307	E5	4.51
15)	M	3-Nitrotoluene	2.456	2.539	2.407	2.511	2.416	2.372	2.450	E5	2.64

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31115.D Vial: 1
Acq On : 24 Jun 2006 12:19 Operator: SS
Sample : 8330MIX- BLK Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:39 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	0.00	0	N.D.	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 0.00%#						
Target Compounds						
1)	T	HMX	0.00	0	N.D.	ng/ml
3)	T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4)	T	Tetryl	0.00	0	N.D.	ng/ml
5)	T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7)	T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8)	T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9)	M	RDX	0.00	0	N.D.	ng/ml
10)	M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11)	M	Nitrobenzene	0.00	0	N.D.	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13)	M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14)	M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15)	M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

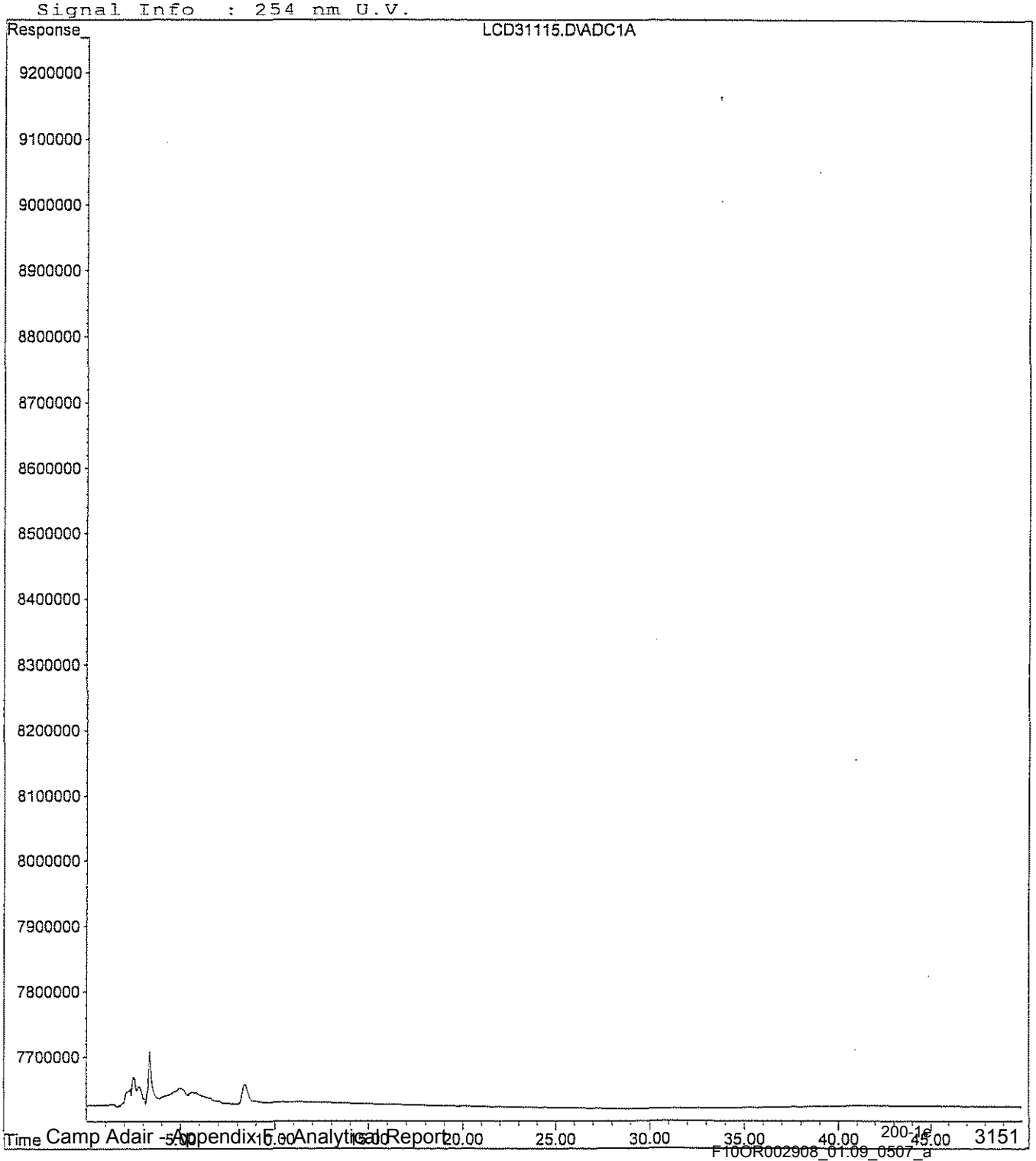
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31115.D
Acq On : 24 Jun 2006 12:19
Sample : 8330MIX- BLK
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:39 2006 Quant Results File: 6624833.RES

Vial: 1
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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\LCD\062406\LCD31116.D Vial: 2
Acq On : 24 Jun 2006 13:14 Operator: SS
Sample : 8330MIX- LEV 1 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 9:04 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.04	1254327	10.428 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	3.48%#
Target Compounds					
1)	T	HMX	4.59	1759932	12.672 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.04	2091118	6.500 ng/mlm
4)	T	Tetryl	19.00f	2520356	10.829 ng/mlm
5)	T	2,4,6-Trinitrotoluene	23.31	1986721	6.302 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	25.15	1650425	6.478 ng/mlm
7)	T	2,6-Dinitrotoluene	29.17f	1389301	7.223 ng/mlm
8)	T	4-Nitrotoluene	40.83f	1923404	11.699 ng/mlm
9)	M	RDX	8.78	2188060	13.223 ng/mlm
10)	M	1,3-Dinitrobenzene	17.33	2912957	6.160 ng/mlm
11)	M	Nitrobenzene	20.83	2244609	6.997 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	26.76	2240274	6.536 ng/mlm
13)	M	2,4-Dinitrotoluene	30.45	2972439	6.045 ng/mlm
14)	M	2-Nitrotoluene	37.92	2487943	12.868 ng/mlm
15)	M	3-Nitrotoluene	44.46	2455751	12.108 ng/mlm

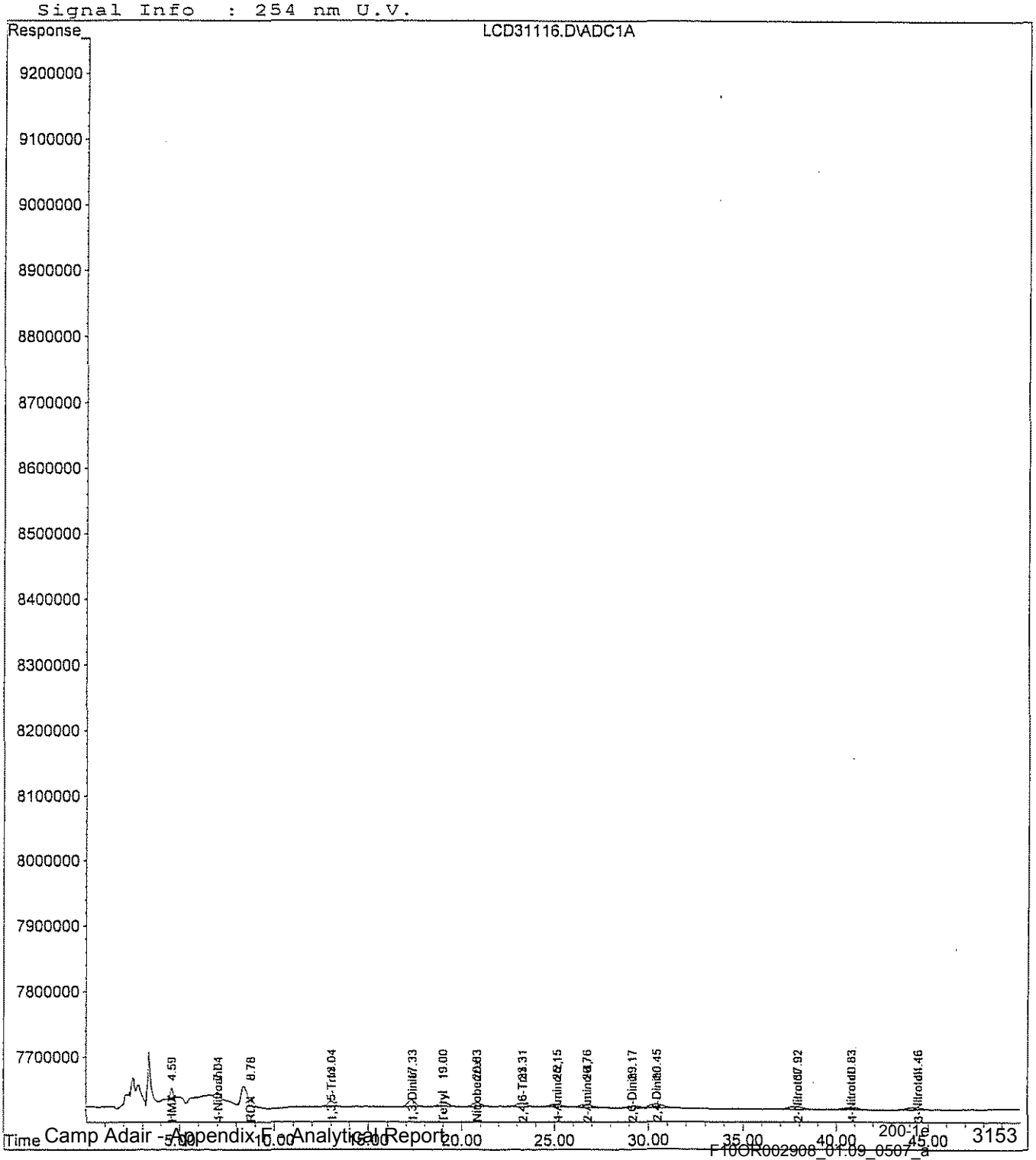
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31116.D 6624833.M Mon Jul 17 15:08:09 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31116.D Vial: 2
Acq On : 24 Jun 2006 13:14 Operator: SS
Sample : 8330MIX- LEV 1 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 9:04 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31116.D 6624833.M Mon Jul 17 15:08:10 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31117.D Vial: 3
Acq On : 24 Jun 2006 14:08 Operator: SS
Sample : 8330MIX- LEV 2 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:55 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	13083535	109.897 ng/ml
Spiked Amount 300.000 Range 49 - 133		Recovery =	36.63%#
Target Compounds			
1) T HMX	4.61	14675499	110.344 ng/mlm
3) T 1,3,5-Trinitrobenzene	13.10	19641765	56.275 ng/ml
4) T Tetryl	19.15f	25020683	105.167 ng/ml
5) T 2,4,6-Trinitrotoluene	23.41	17102803	49.942 ng/ml
6) T 4-Amino-2,6-Dinitrotoluene	25.23	15811346	55.983 ng/mlm
7) T 2,6-Dinitrotoluene	29.40	13142733	63.466 ng/ml
8) T 4-Nitrotoluene	41.00	20127970	115.415 ng/ml
9) M RDX	8.85f	20159963	112.300 ng/ml
10) M 1,3-Dinitrobenzene	17.40	27326380	54.035 ng/ml
11) M Nitrobenzene	20.94	18974217	53.600 ng/ml
12) M 2-Amino-4,6-Dinitrotoluene	26.91	19837108	53.419 ng/ml
13) M 2,4-Dinitrotoluene	30.61	27017273	52.236 ng/ml
14) M 2-Nitrotoluene	37.95	23237320	112.927 ng/ml
15) M 3-Nitrotoluene	44.49	25388959	117.916 ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31117.D 6624833.M Mon Jul 17 15:08:12 2006 A Page 1

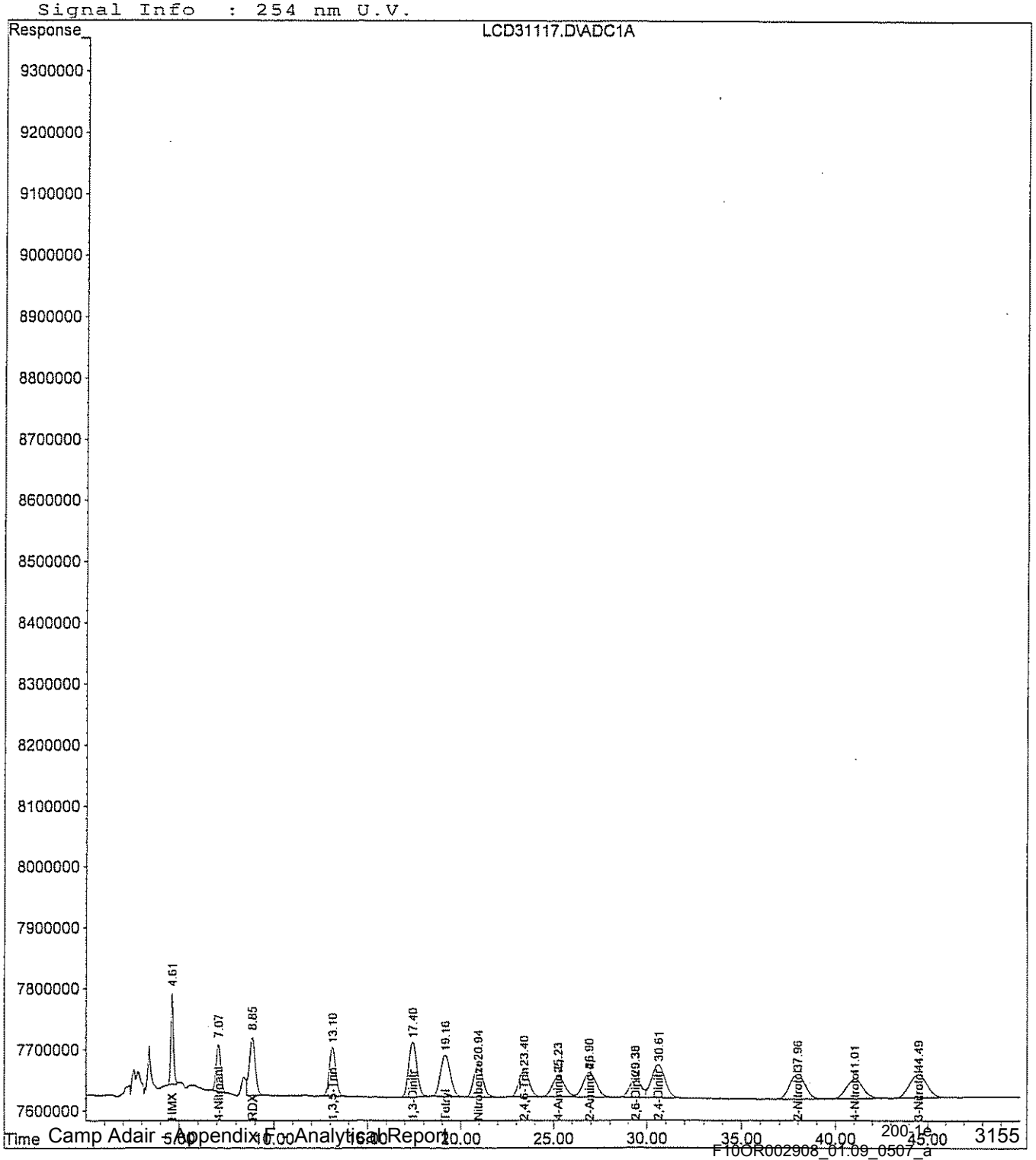
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31117.D
Acq On : 24 Jun 2006 14:08
Sample : 8330MIX- LEV 2
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:55 2006 Quant Results File: 6624833.RES

Vial: 3
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31117.D 6624833.M Mon Jul 17 15:08:13 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31118.D Vial: 4
Acq On : 24 Jun 2006 15:03 Operator: SS
Sample : 8330MIX- LEV 3 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:38 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	68338438	581.581	ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery	= 193.86%#	
Target Compounds						
1)	T	HMX	4.61	71010360	521.723	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.10	97223383	310.569	ng/mlm
4)	T	Tetryl	19.15	142922239	631.596	ng/mlm
5)	T	2,4,6-Trinitrotoluene	23.40	91725712	292.595	ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	25.30	69267467	274.201	ng/ml
7)	T	2,6-Dinitrotoluene	29.42	63575256	347.405	ng/mlm
8)	T	4-Nitrotoluene	41.07	94288412	583.782	ng/mlm
9)	M	RDX	8.86	89955891	553.107	ng/mlm
10)	M	1,3-Dinitrobenzene	17.40	134057540	288.286	ng/mlm
11)	M	Nitrobenzene	20.95	89645309	280.745	ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	26.94	95796186	281.426	ng/ml
13)	M	2,4-Dinitrotoluene	30.63	130879660	266.497	ng/ml
14)	M	2-Nitrotoluene	38.01	112454410	595.660	ng/mlm
15)	M	3-Nitrotoluene	44.51	120327028	609.189	ng/mlm

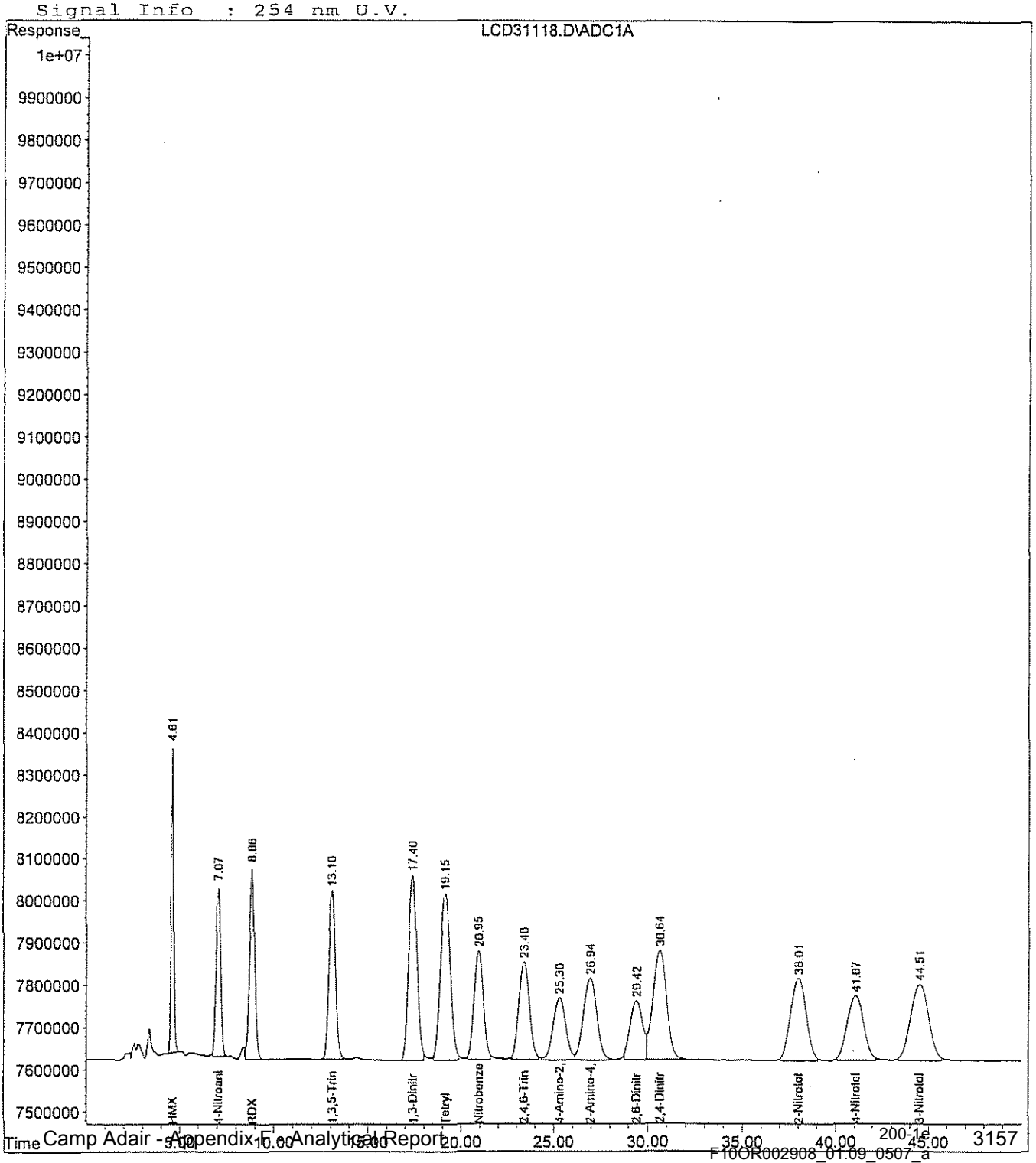
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31118.D
Acq On : 24 Jun 2006 15:03
Sample : 8330MIX- LEV 3
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:38 2006 Quant Results File: 6624833.RES

Vial: 4
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31118.D 6624833.M Mon Jul 17 15:08:16 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31119.D Vial: 5
Acq On : 24 Jun 2006 15:57 Operator: SS
Sample : 8330MIX- LEV 4 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:51 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	139147536	1180.758	ng/mlm
Spiked Amount 300.000 Range 49 - 133 Recovery = 393.59%#						
Target Compounds						
1)	T	HMX	4.61	147221403	1088.479	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.11	201830797	545.481	ng/ml
4)	T	Tetryl	19.16	294771057	1149.338	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.40	185593511	523.048	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.29	138004257	467.825	ng/ml
7)	T	2,6-Dinitrotoluene	29.38	131393559	578.932	ng/ml
8)	T	4-Nitrotoluene	41.04	197905005	1066.800	ng/ml
9)	M	RDX	8.86	182035340	988.783	ng/mlm
10)	M	1,3-Dinitrobenzene	17.41	279487029	535.173	ng/ml
11)	M	Nitrobenzene	20.95	184344848	497.774	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.91	192986321	502.291	ng/ml
13)	M	2,4-Dinitrotoluene	30.58	268342856	506.946	ng/ml
14)	M	2-Nitrotoluene	37.96	233975822	1077.715	ng/ml
15)	M	3-Nitrotoluene	44.53	251089980	1088.117	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31119.D 6624833.M Mon Jul 17 15:08:18 2006 A Page 1

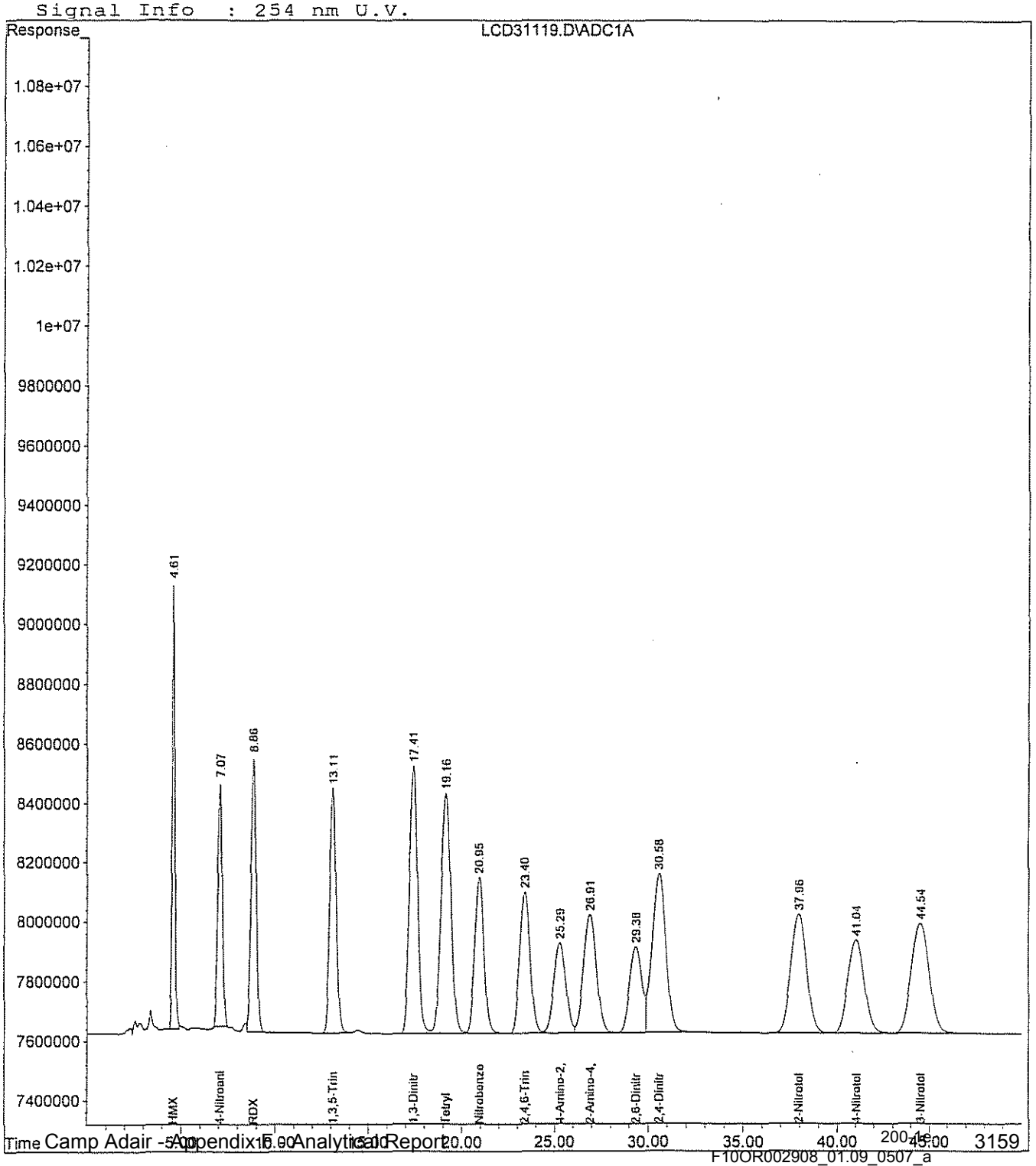
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31119.D
Acq On : 24 Jun 2006 15:57
Sample : 8330MIX- LEV 4
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:51 2006 Quant Results File: 6624833.RES

Vial: 5
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31119.D 6624833.M Mon Jul 17 15:08:18 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31120.D Vial: 6
Acq On : 24 Jun 2006 16:51 Operator: SS
Sample : 8330MIX- LEV 5 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:52 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.05	272811101	2261.502	ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery	= 753.83%#	
Target Compounds						
1)	T	HMX	4.60	286306155	2061.566	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.08	390290885	1024.490	ng/ml
4)	T	Tetryl	19.12	568340149	2148.521	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.39	363370688	1010.854	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.28	271664105	908.914	ng/ml
7)	T	2,6-Dinitrotoluene	29.39	257406712	1076.944	ng/ml
8)	T	4-Nitrotoluene	41.02	379516257	2004.811	ng/ml
9)	M	RDX	8.84	349933580	1865.083	ng/mlm
10)	M	1,3-Dinitrobenzene	17.38	538616433	1008.997	ng/ml
11)	M	Nitrobenzene	20.92	361302113	965.249	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.92	378620400	973.959	ng/ml
13)	M	2,4-Dinitrotoluene	30.60	522971018	975.682	ng/ml
14)	M	2-Nitrotoluene	37.96	448989567	2017.150	ng/ml
15)	M	3-Nitrotoluene	44.48	483137348	2037.572	ng/ml

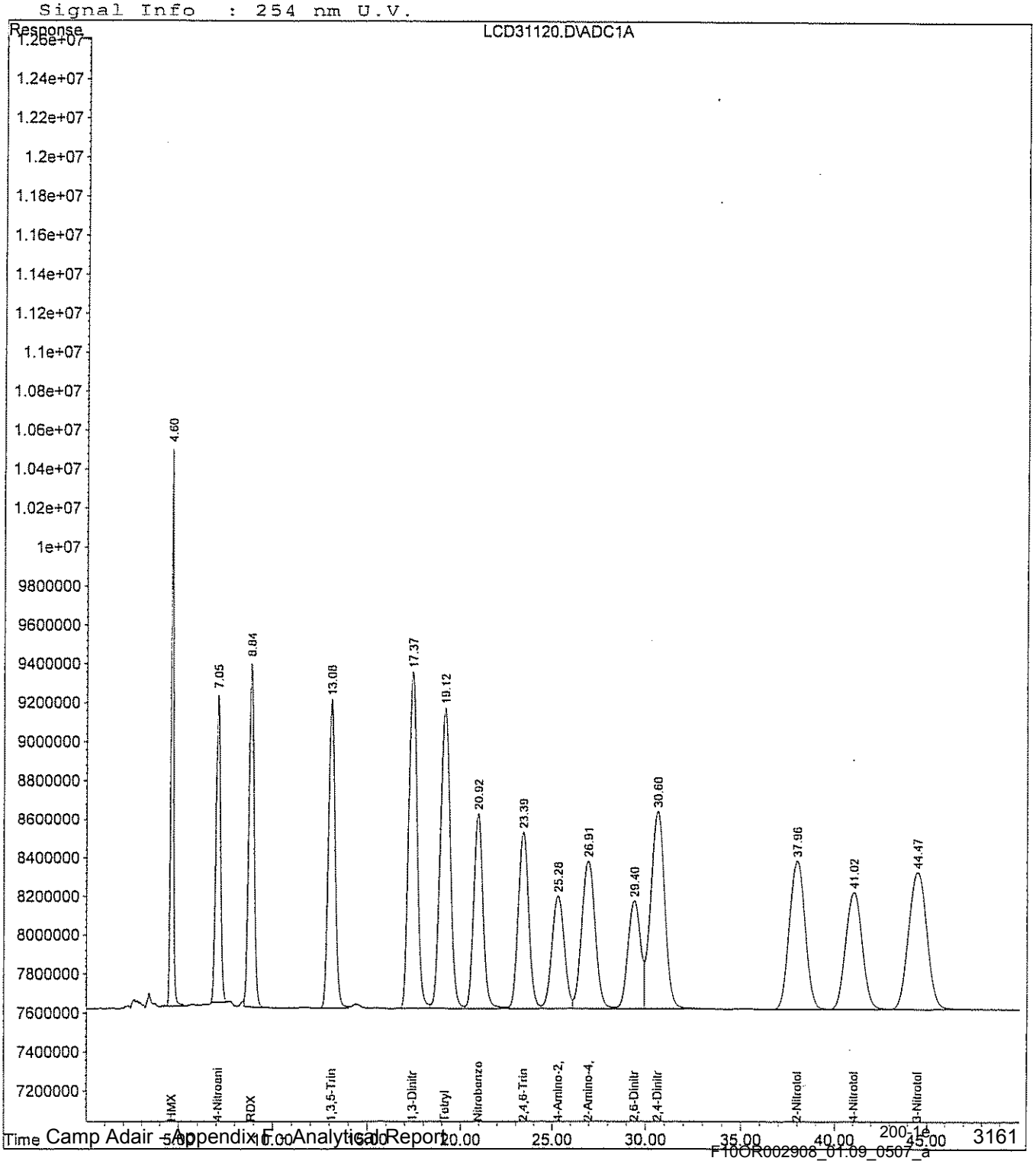
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31120.D
Acq On : 24 Jun 2006 16:51
Sample : 8330MIX- LEV 5
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:52 2006 Quant Results File: 6624833.RES

Vial: 6
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31120.D 6624833.M Mon Jul 17 15:08:21 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31121.D Vial: 7
Acq On : 24 Jun 2006 17:46 Operator: SS
Sample : 8330MIX- LEV 6 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:47 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.08	670355904	5431.224	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 1810.41%#	
Target Compounds						
1)	T	HMX	4.61	689523342	4856.739	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.12	950473409	2438.298	ng/ml
4)	T	Tetryl	19.21	1378345707	5100.480	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.45	877267795	2411.431	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.37	655643836	2164.810	ng/ml
7)	T	2,6-Dinitrotoluene	29.44	621655738	2480.888	ng/ml
8)	T	4-Nitrotoluene	41.02	933064191	4873.746	ng/ml
9)	M	RDX	8.88	869110790	4564.775	ng/mlm
10)	M	1,3-Dinitrobenzene	17.44	1311700085	2416.149	ng/ml
11)	M	Nitrobenzene	20.99	871815215	2308.082	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.00	912590128	2323.949	ng/ml
13)	M	2,4-Dinitrotoluene	30.64	1262153799	2342.850	ng/ml
14)	M	2-Nitrotoluene	37.97	1096771071	4825.653	ng/ml
15)	M	3-Nitrotoluene	44.49	1185761669	4910.885	ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31121.D 6624833.M Mon Jul 17 15:08:23 2006 A Page 1

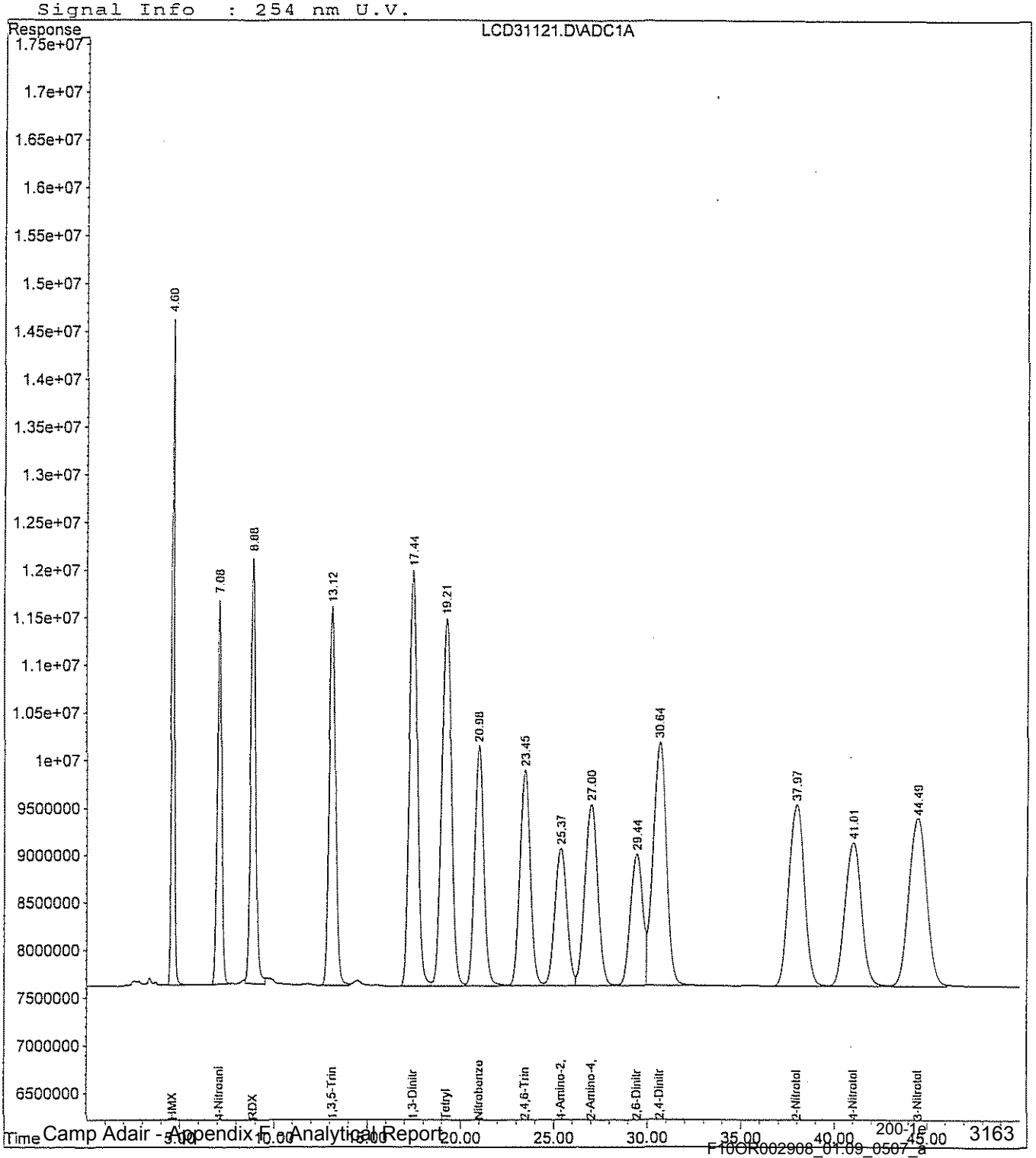
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31121.D
Acq On : 24 Jun 2006 17:46
Sample : 8330MIX- LEV 6
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:47 2006 Quant Results File: 6624833.RES

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

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



Evaluate Continuing Calibration Report

Data File : I:\LCDATA\LCD\062406\LCD31122.D Vial: 8
Acq On : 24 Jun 2006 18:40 Operator: SS
Sample : 8330MIX- ICV Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Sep 13 10:06:24 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)
1	T	HMX	148.841	141.722	E3	4.8	50#	-0.10
3	T	1,3,5-Trinitrobenzene	395.682	344.603	E3	12.9	88	-0.46
4	T	Tetryl	273.783	149.437	E3	45.4#	52	-1.02#
5	T	2,4,6-Trinitrotoluene	365.295	372.570	E3	-2.0	102	-1.04#
6	T	4-Amino-2,6-Dinitrotoluene	288.885	253.622	E3	12.2	98	-1.27#
7	T	2,6-Dinitrotoluene	260.645	274.709	E3	-5.4	108	-1.37#
8	T	4-Nitrotoluene	192.745	179.662	E3	6.8	47#	-1.88#
9	M	RDX	188.524	175.751	E3	6.8	51	-0.29
10	M	1,3-Dinitrobenzene	547.937	519.036	E3	5.3	97	-0.62#
11	M	Nitrobenzene	377.618	346.811	E3	8.2	97	-0.80#
12	M	2-Amino-4,6-Dinitrotoluene	392.935	414.144	E3	-5.4	111	-1.26#
13	M	2,4-Dinitrotoluene	537.145	488.181	E3	9.1	93	-1.33#
14	M	2-Nitrotoluene	230.650	215.684	E3	6.5	48#	-1.78#
15	M	3-Nitrotoluene	244.988	228.736	E3	6.6	48#	-2.08#

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31122.D Vial: 8
Acq On : 24 Jun 2006 18:40 Operator: SS
Sample : 8330MIX- ICV Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:48 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

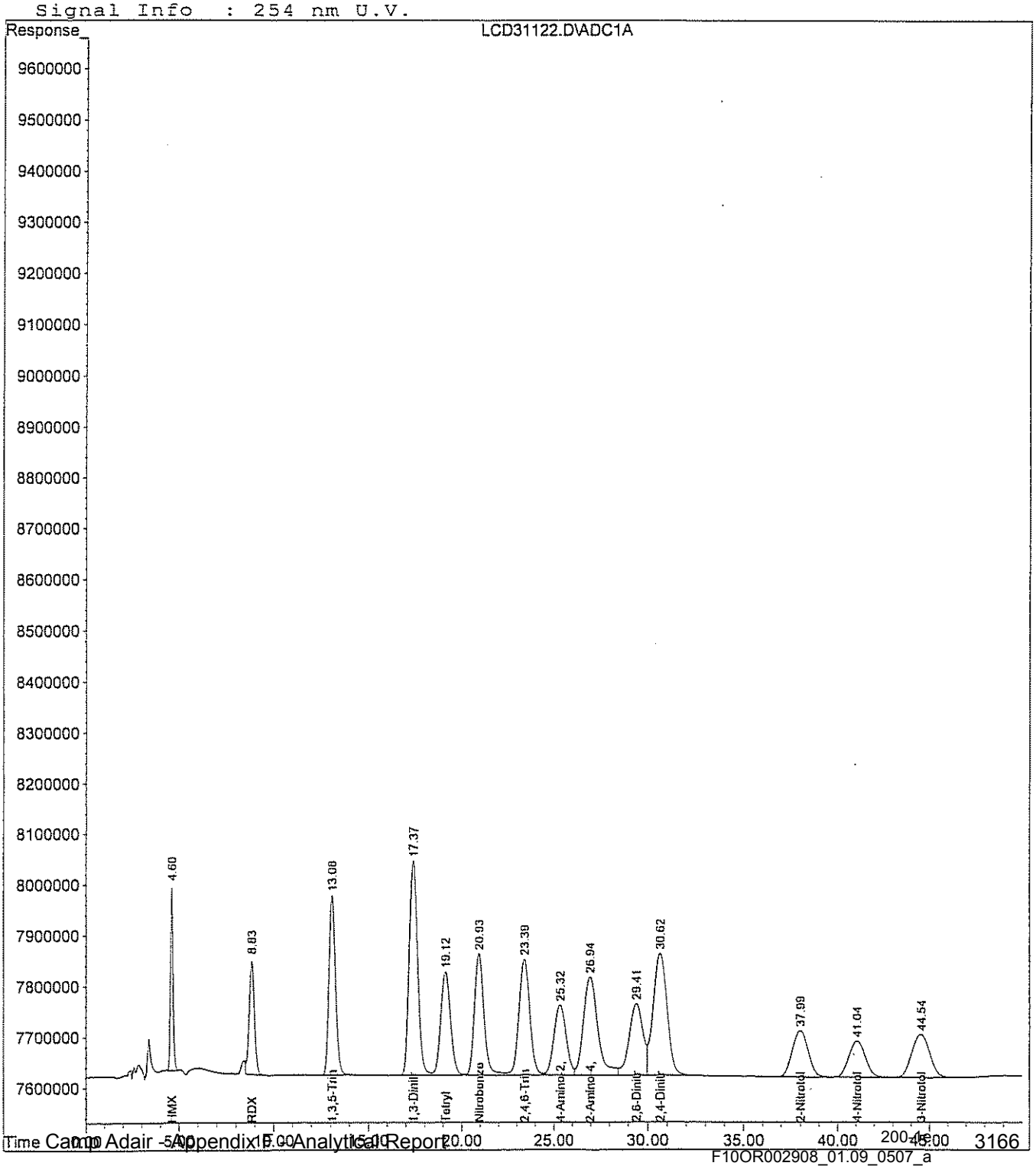
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	0.00	0	N.D.	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	=	0.00%#
Target Compounds						
1)	T	HMX	4.60	35430397	246.302	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.08	86150684	217.727	ng/ml
4)	T	Tetryl	19.12	74718251	272.911	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.40	93142432	254.979	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.31	63405390	208.133	ng/ml
7)	T	2,6-Dinitrotoluene	29.41	68677168	263.489	ng/ml
8)	T	4-Nitrotoluene	41.05	44915545	233.030	ng/ml
9)	M	RDX	8.84	43937733	228.737	ng/ml
10)	M	1,3-Dinitrobenzene	17.38	129759072	236.814	ng/ml
11)	M	Nitrobenzene	20.93	86702635	229.604	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.95	103535914	263.494	ng/ml
13)	M	2,4-Dinitrotoluene	30.62	122045215	227.211	ng/ml
14)	M	2-Nitrotoluene	37.99	53921060	233.779	ng/ml
15)	M	3-Nitrotoluene	44.51	57184022	233.415	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31122.D Vial: 8
Acq On : 24 Jun 2006 18:40 Operator: SS
Sample : 8330MIX- ICV Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:48 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006

Calibration Files
LEV1 =LCD32278.D LEV2 =LCD32279.D LEV3 =LCD32280.D
LEV4 =LCD32281.D LEV5 =LCD32282.D

	Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg	%RSD
1) S	4-NITROANILINE	1.599	1.375	1.373	1.366	1.338	1.410 E5	7.55
2) M	NITROGLYCERINE	2.212	1.960	2.067	2.032	1.984	2.051 E6	4.82

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32277.D Vial: 2
Acq On : 18 Aug 2006 21:34 Operator: AG
Sample : NG/PETN-BLK Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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				
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
3) M PETN	0.00	0	N.D.	PPM

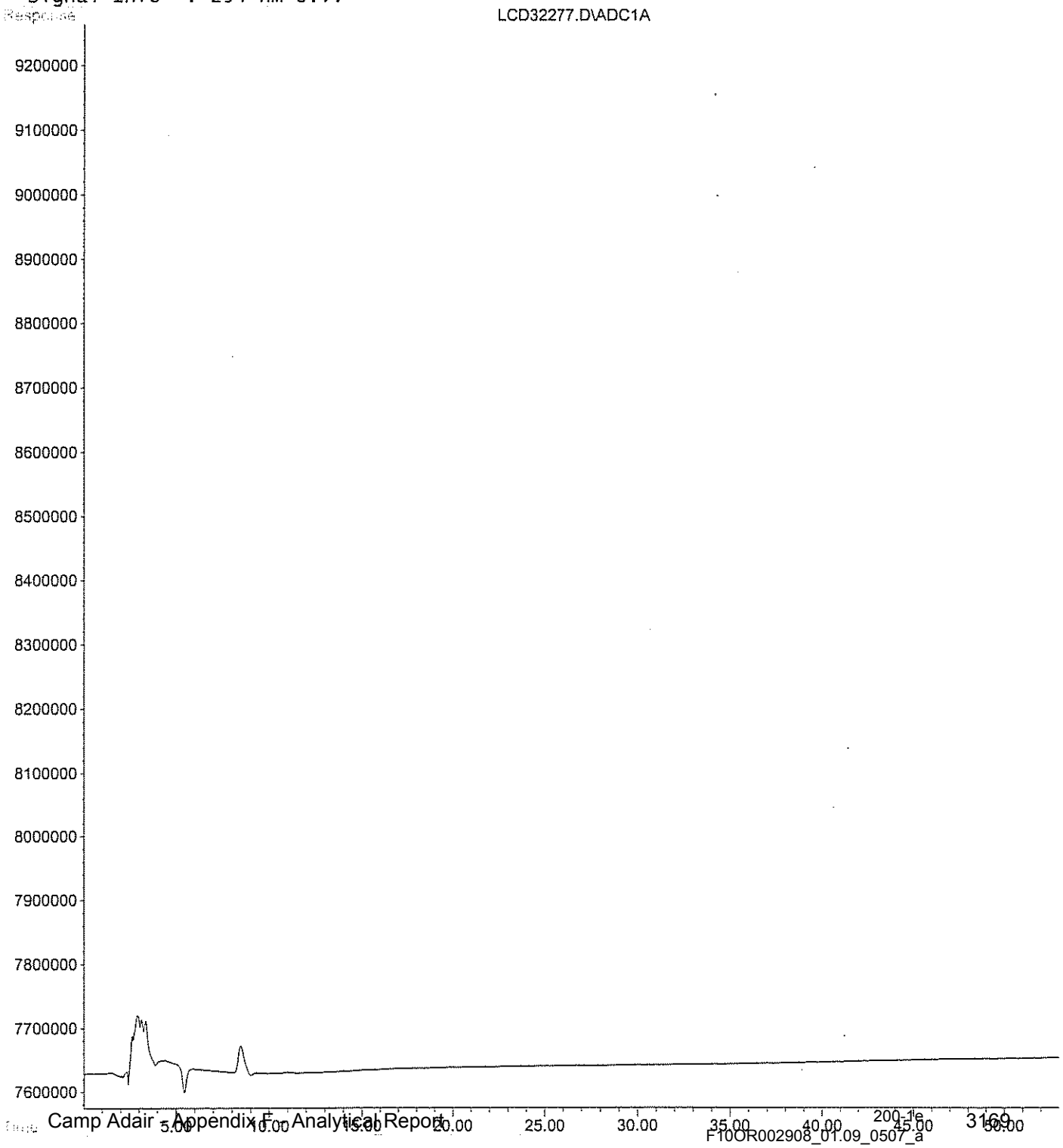
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32277.D 6818NGPT.M Wed Sep 13 19:18:22 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32277.D Vial: 2
Acq On : 18 Aug 2006 21:34 Operator: AG
Sample : NG/PETN-BLK Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32277.D 6818NGPT.M Wed Sep 13 19:18:23 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32278.D Vial: 3
Acq On : 18 Aug 2006 22:31 Operator: AG
Sample : NG/PETN-LEV1 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:12 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.36	3996876	28.099 PPB m
Spiked Amount 300.000		Recovery =	9.37%
Target Compounds			
2) M NITROGLYCERINE	22.35	2211512	1.076 PPM m
3) M PETN	45.67	8222931	4.610 PPM m

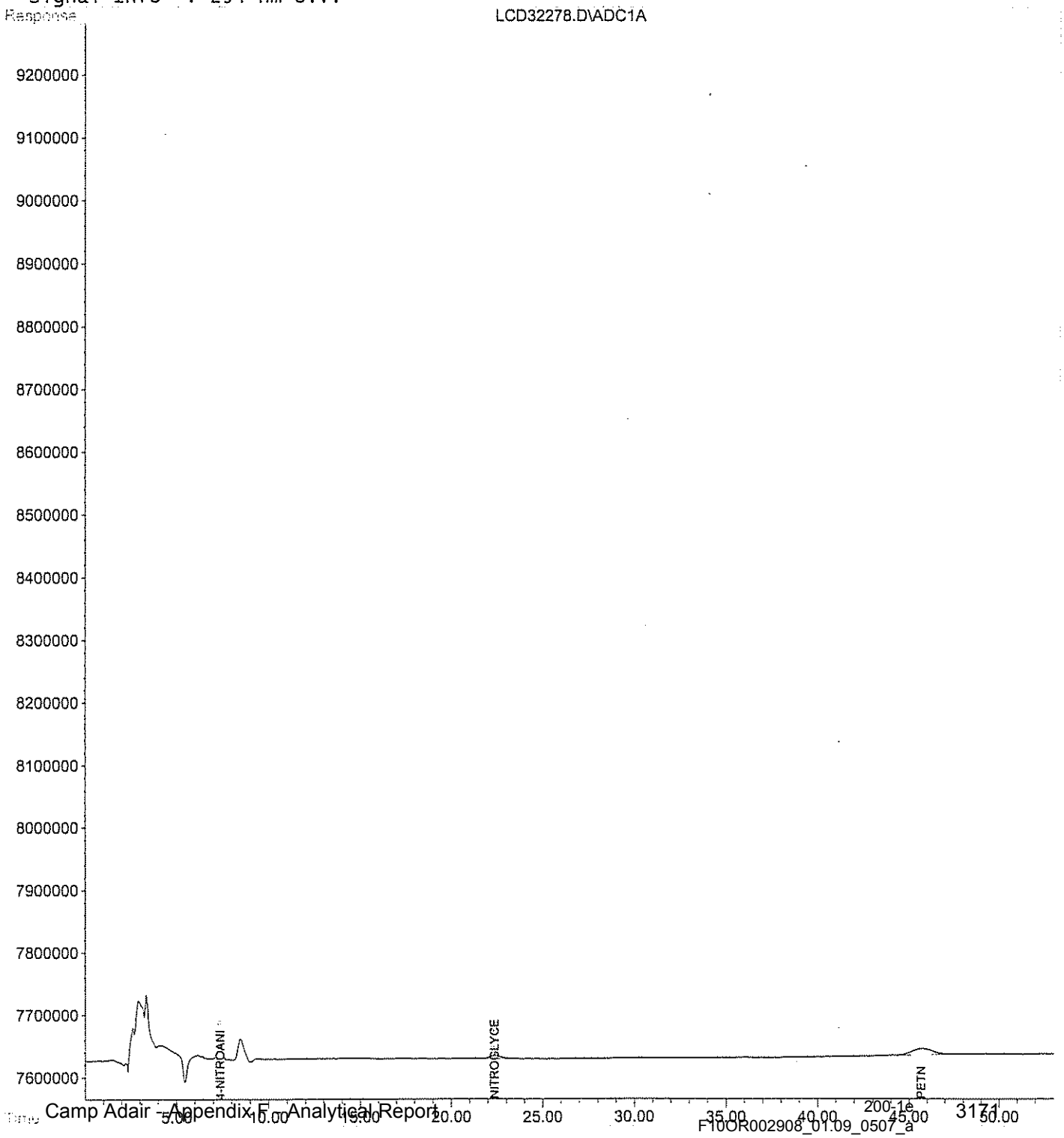
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32278.D 6818NGPT.M Wed Sep 13 19:18:34 2006 A

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32278.D Vial: 3
Acq On : 18 Aug 2006 22:31 Operator: AG
Sample : NG/PETN-LEV1 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:12 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32278.D 6818NGPT.M Wed Sep 13 19:18:35 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32279.D Vial: 4
Acq On : 18 Aug 2006 23:29 Operator: AG
Sample : NG/PETN-LEV2 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	17186001	120.821 PPB m
Spiked Amount 300.000		Recovery =	40.27%
Target Compounds			
2) M NITROGLYCERINE	22.34	9800802	4.770 PPM
3) M PETN	45.71	43911827	24.616 PPM

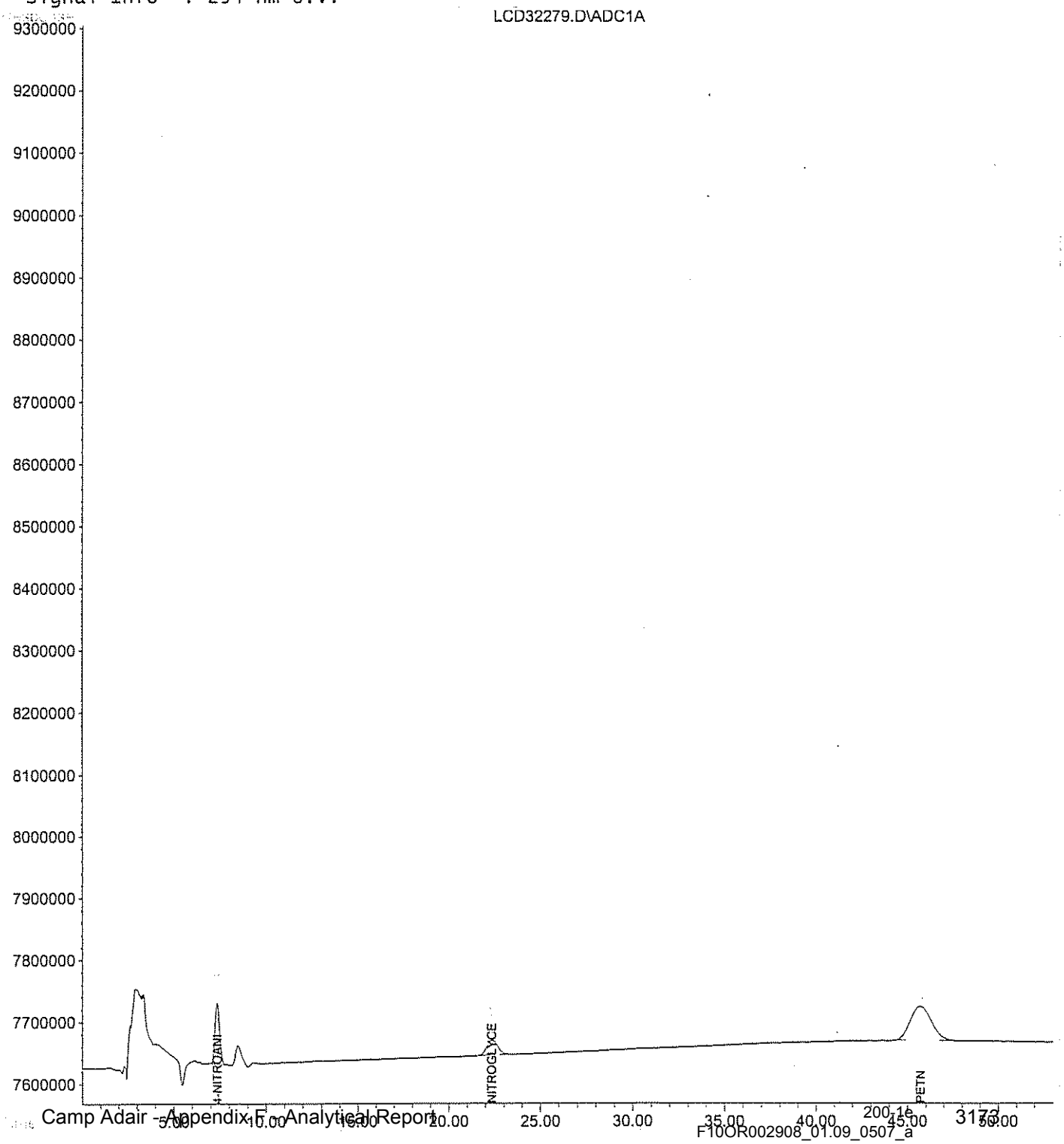
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32279.D 6818NGPT.M Wed Sep 13 19:18:36 2006 A

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32279.D Vial: 4
Acq On : 18 Aug 2006 23:29 Operator: AG
Sample : NG/PETN-LEV2 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32279.D 6818NGPT.M Wed Sep 13 19:18:37 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32280.D Vial: 5
Acq On : 19 Aug 2006 00:26 Operator: AG
Sample : NG/PETN-LEV3 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

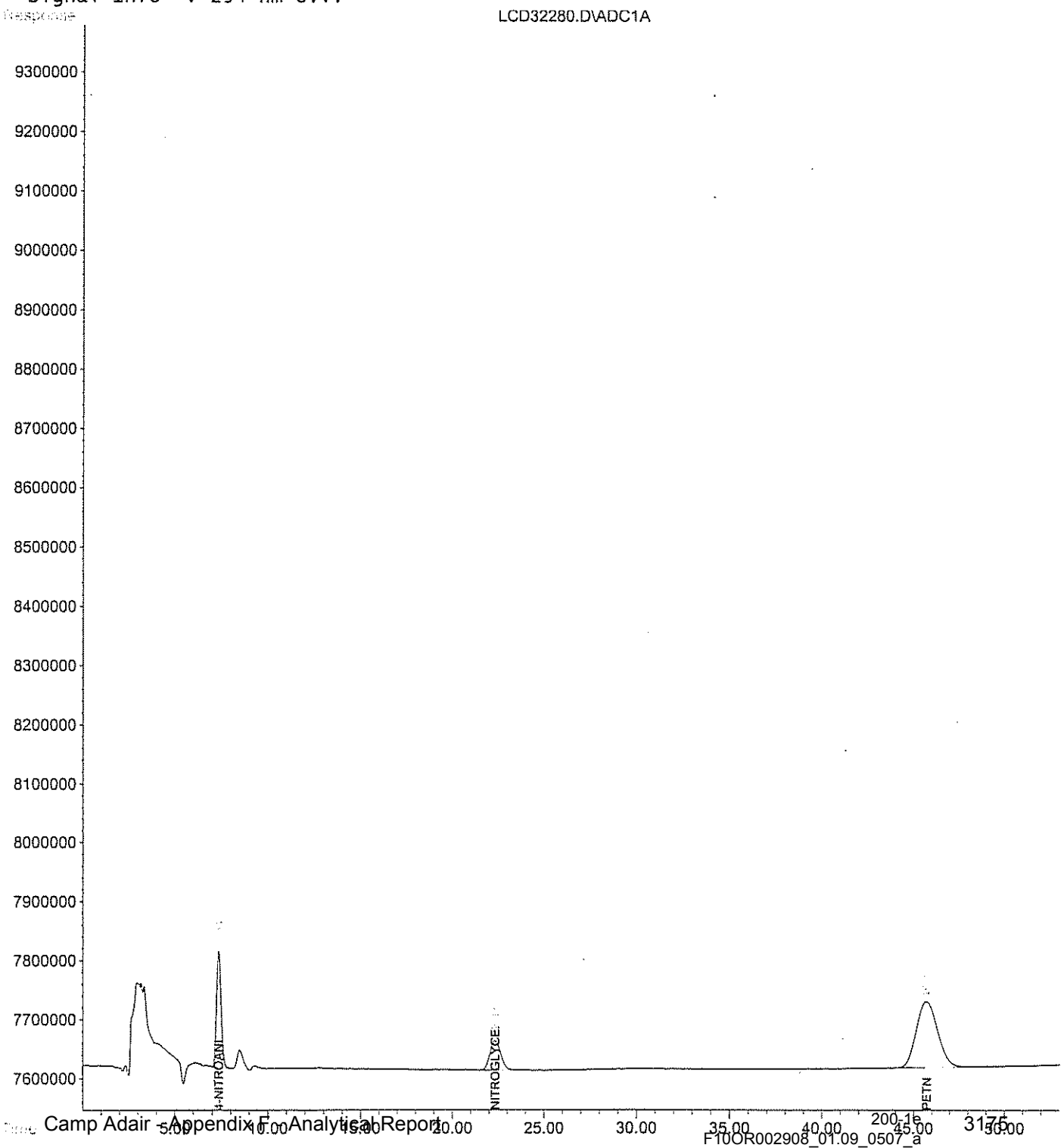
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 4-NITROANILINE	7.34	34317914	241.262 PPB
Spiked Amount 300.000		Recovery =	80.42%
Target Compounds			
2) M NITROGLYCERINE	22.33	20674257	10.063 PPM m
3) M PETN	45.71	91128397	51.085 PPM

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32280.D Vial: 5
Acq On : 19 Aug 2006 00:26 Operator: AG
Sample : NG/PETN-LEV3 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32280.D 6818NGPT.M Wed Sep 13 19:18:39 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32281.D Vial: 6
Acq On : 19 Aug 2006 1:23 Operator: AG
Sample : NG/PETN-LEV4 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.33	68287825	480.078 PPB
Spiked Amount 300.000		Recovery =	160.03%
Target Compounds			
2) M NITROGLYCERINE	22.30	40642810	19.782 PPM
3) M PETN	45.72	178671951	100.161 PPM

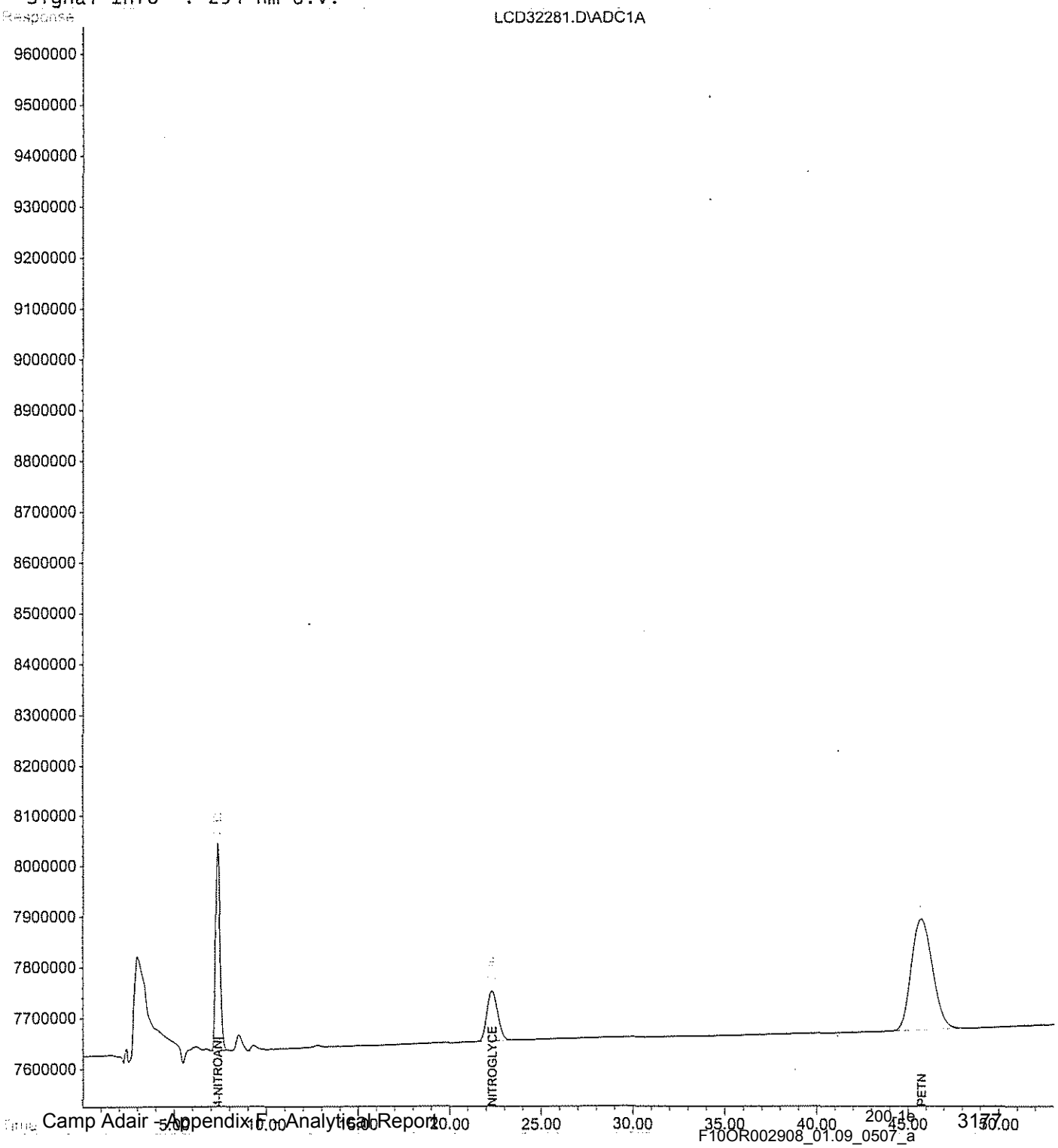
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32281.D 6818NGPT.M Wed Sep 13 19:18:41 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32281.D Vial: 6
Acq On : 19 Aug 2006 1:23 Operator: AG
Sample : NG/PETN-LEV4 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 : I:\LCDATA\LCD\081806\LCD32282.D Vial: 7
Acq On : 19 Aug 2006 2:21 Operator: AG
Sample : NG/PETN-LEV5 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:11 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	167309557	1176.223 PPB
Spiked Amount 300.000		Recovery =	392.07%
Target Compounds			
2) M NITROGLYCERINE	22.28	99197617	48.283 PPM
3) M PETN	45.68	271102205	151.976 PPM

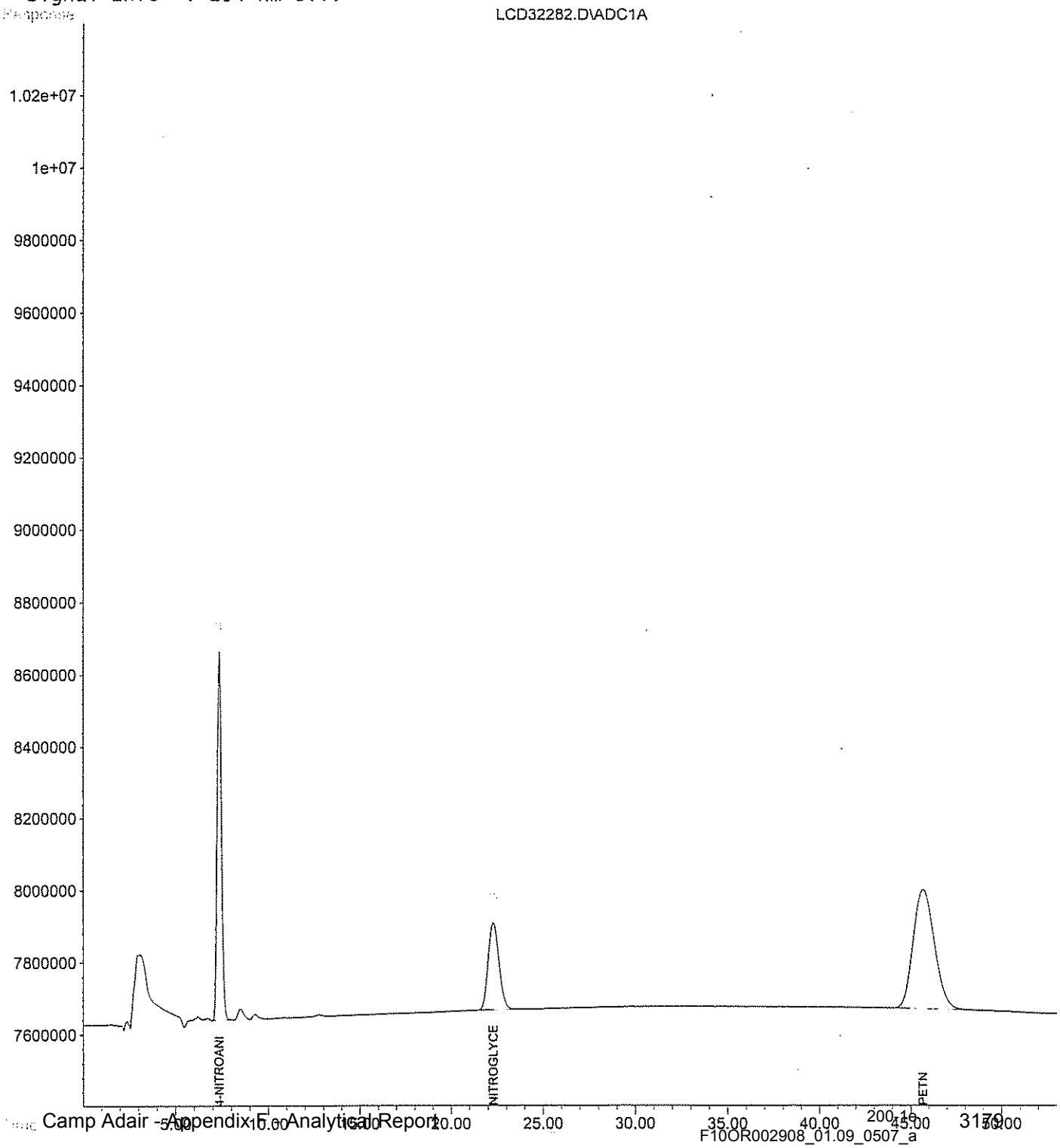
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32282.D 6818NGPT.M Wed Sep 13 19:18:43 2006 A

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32282.D Vial: 7
Acq On : 19 Aug 2006 2:21 Operator: AG
Sample : NG/PETN-LEV5 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:11 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32282.D 6818NGPT.M Wed Sep 13 19:18:43 2006 A Page 2

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

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

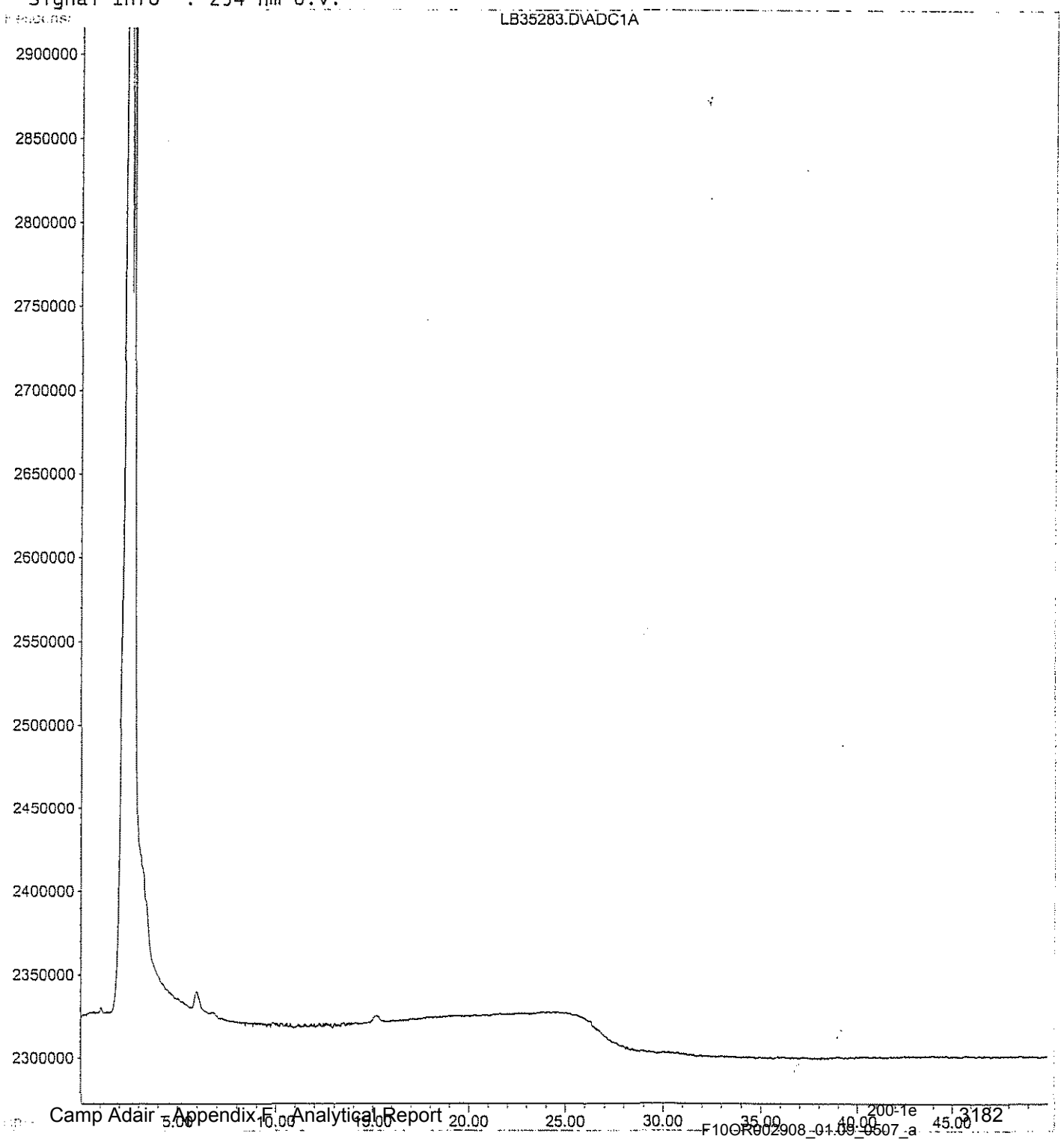
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35283.D 073006C.M Tue Aug 08 14:36:52 2006 A

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.



LB35283.D 073006C.M Tue Aug 08 14:36:52 2006 A Page 2

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

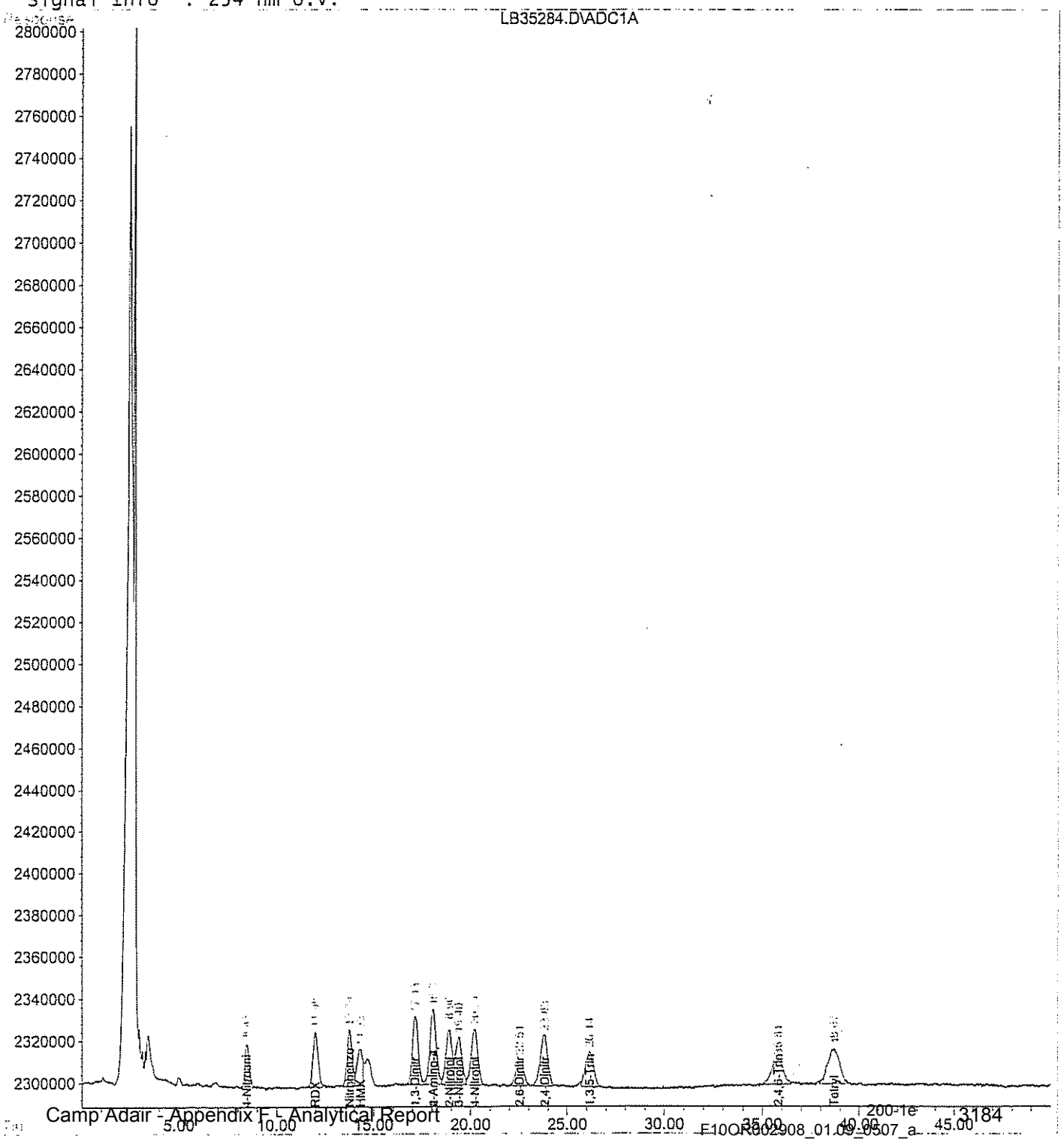
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35284.D 073006C.M Tue Aug 08 14:35:49 2006 A Page 1

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.



LB35284.D 073006C.M Tue Aug 08 14:35:49 2006 A Page 2

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

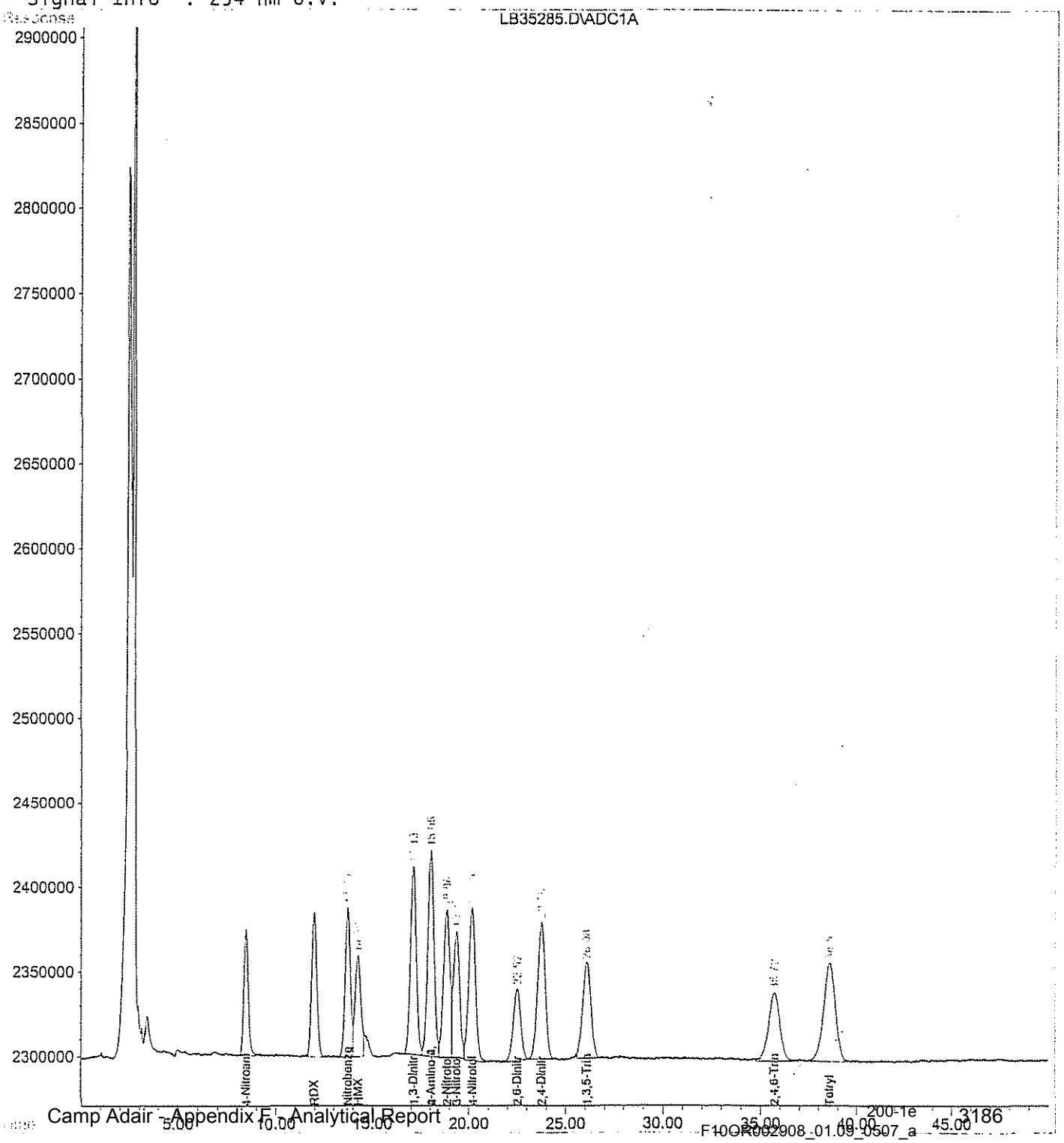
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35285.D 073006C.M Tue Aug 08 14:35:51 2006 A

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.



LB35285.D 073006C.M Tue Aug 08 14:35:52 2006 A Page 2

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

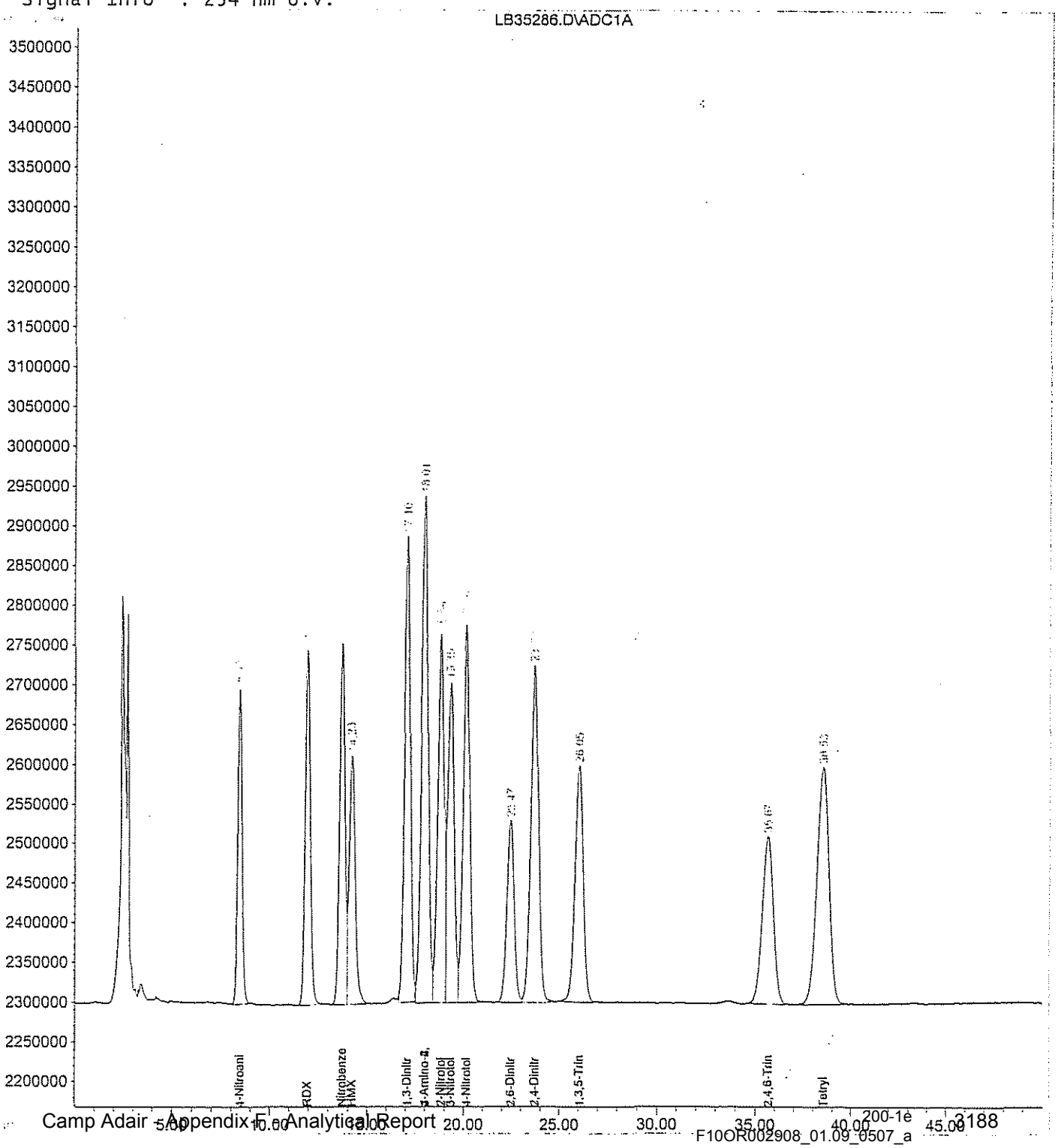
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35286.D 073006C.M Tue Aug 08 14:35:54 2006 A

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.



LB35286.D 073006C.M Tue Aug 08 14:35:55 2006 A Page 2

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

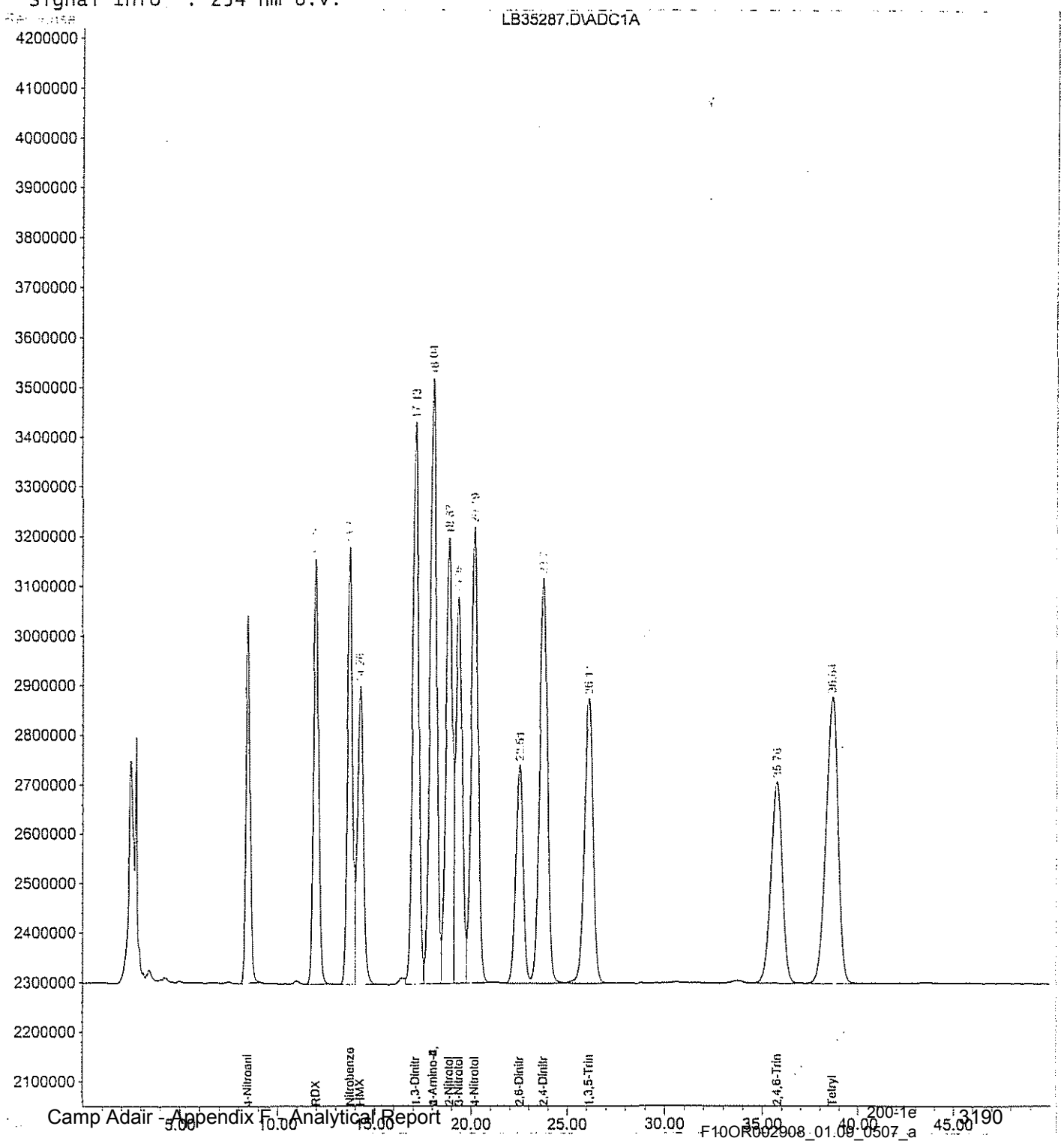
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35287.D 073006C.M Tue Aug 08 14:35:57 2006 A

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

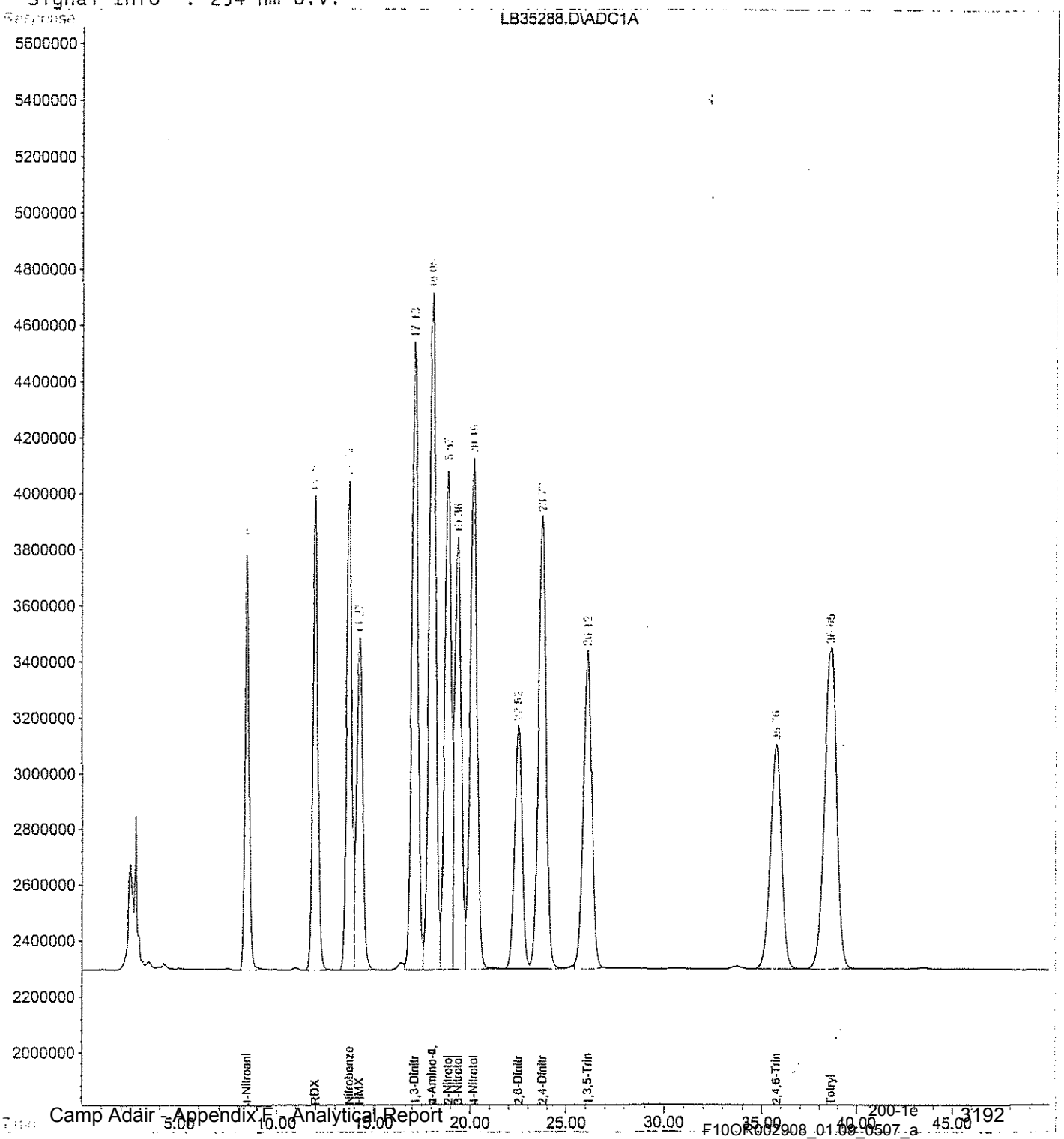
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35288.D 073006C.M Tue Aug 08 14:36:00 2006 A

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

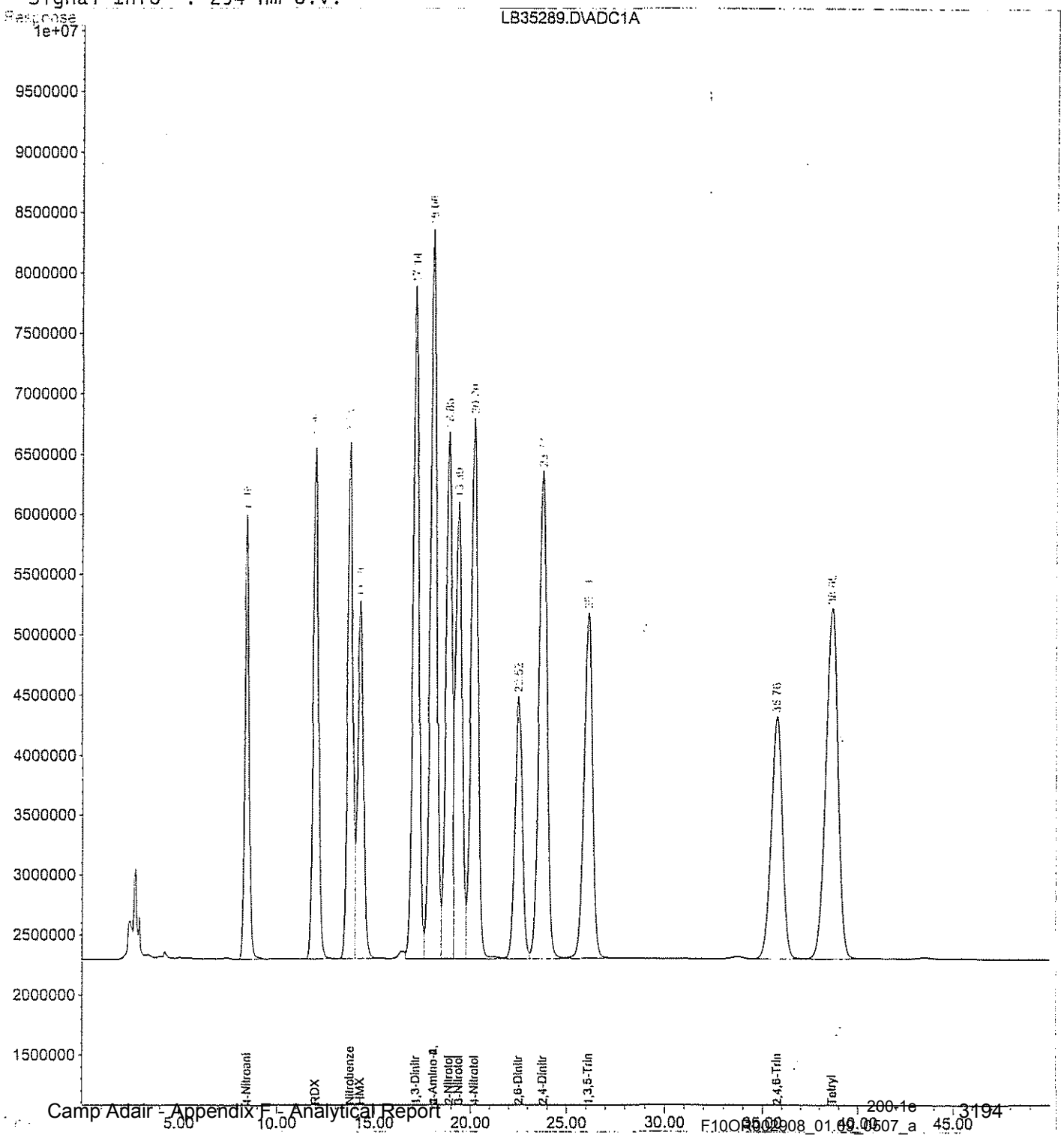
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35289.D 073006C.M Tue Aug 08 14:36:03 2006 A

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.



LB35289.D 073006C.M Tue Aug 08 14:36:04 2006 A Page 2

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

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

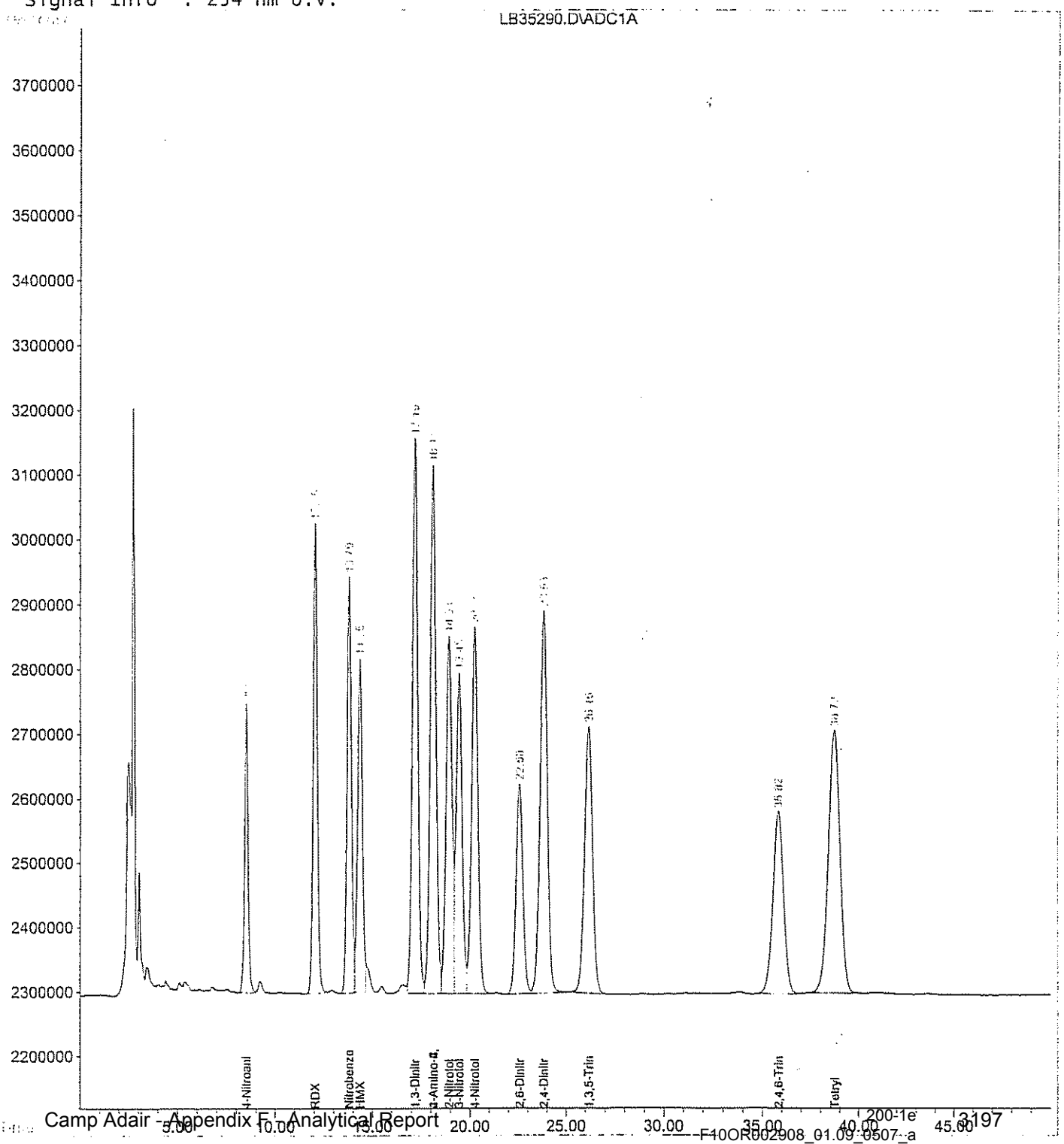
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35290.D 073006C.M Tue Aug 08 14:36:06 2006 A

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 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.
LB35344.D 6802NGCO.M Thu Aug 03 09:49:00 2006 A Page 1

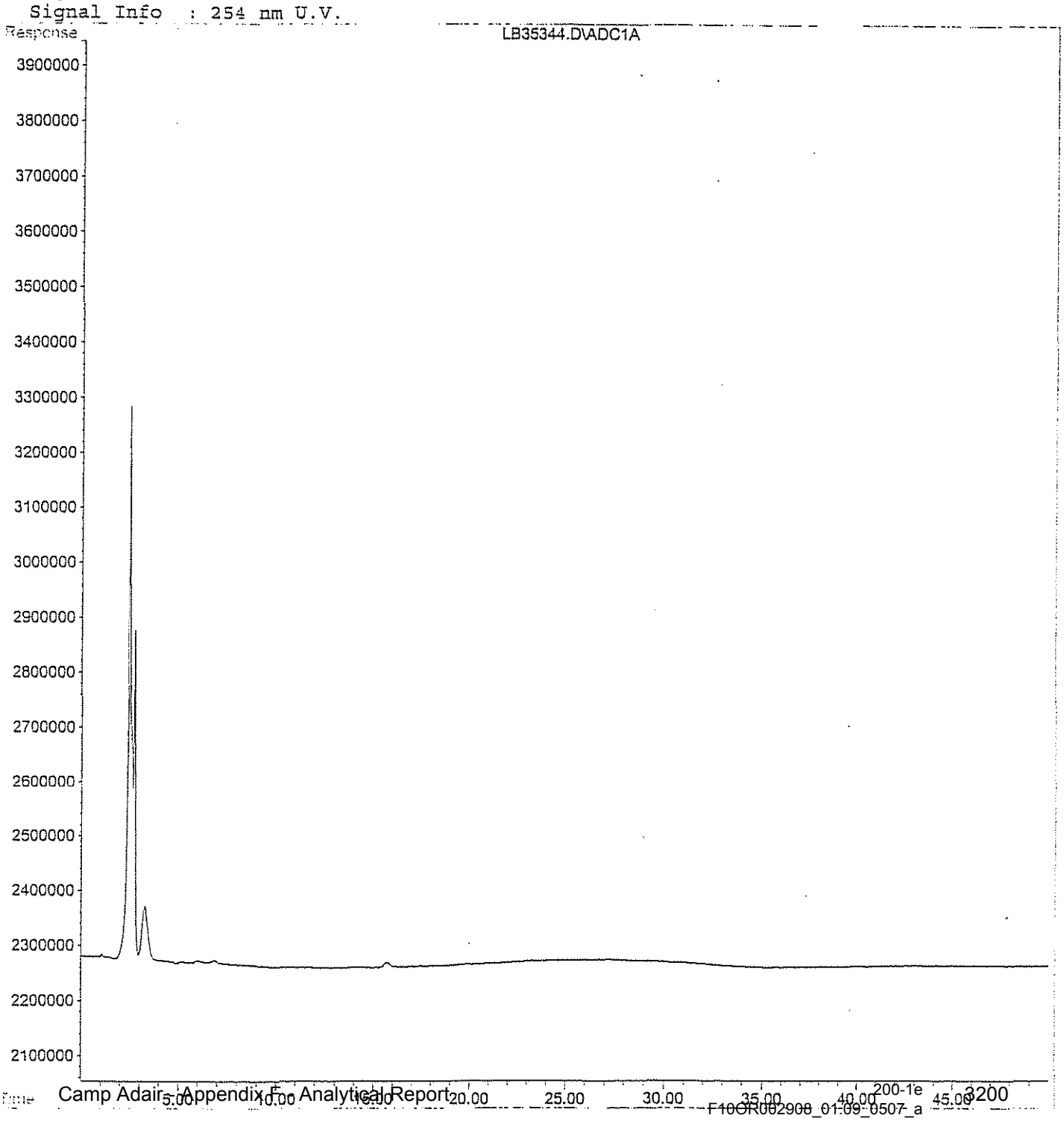
Quantitation Report

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

Vial: 1
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\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

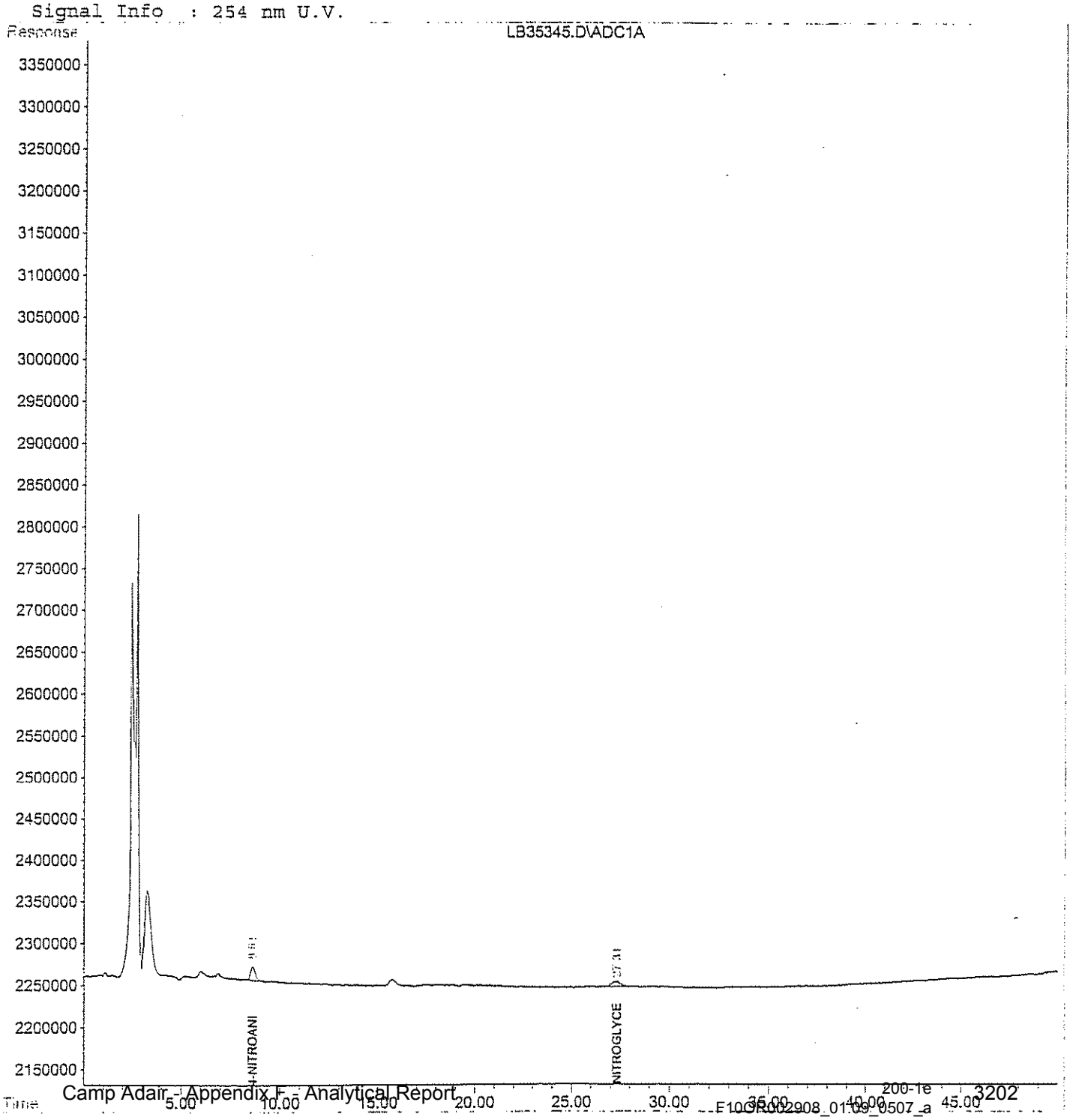
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35345.D 6802NGCO.M Thu Aug 03 09:49:02 2006 A

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.



LB35345.D 6802NGCO.M Thu Aug 03 09:49:02 2006 A Page 2

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

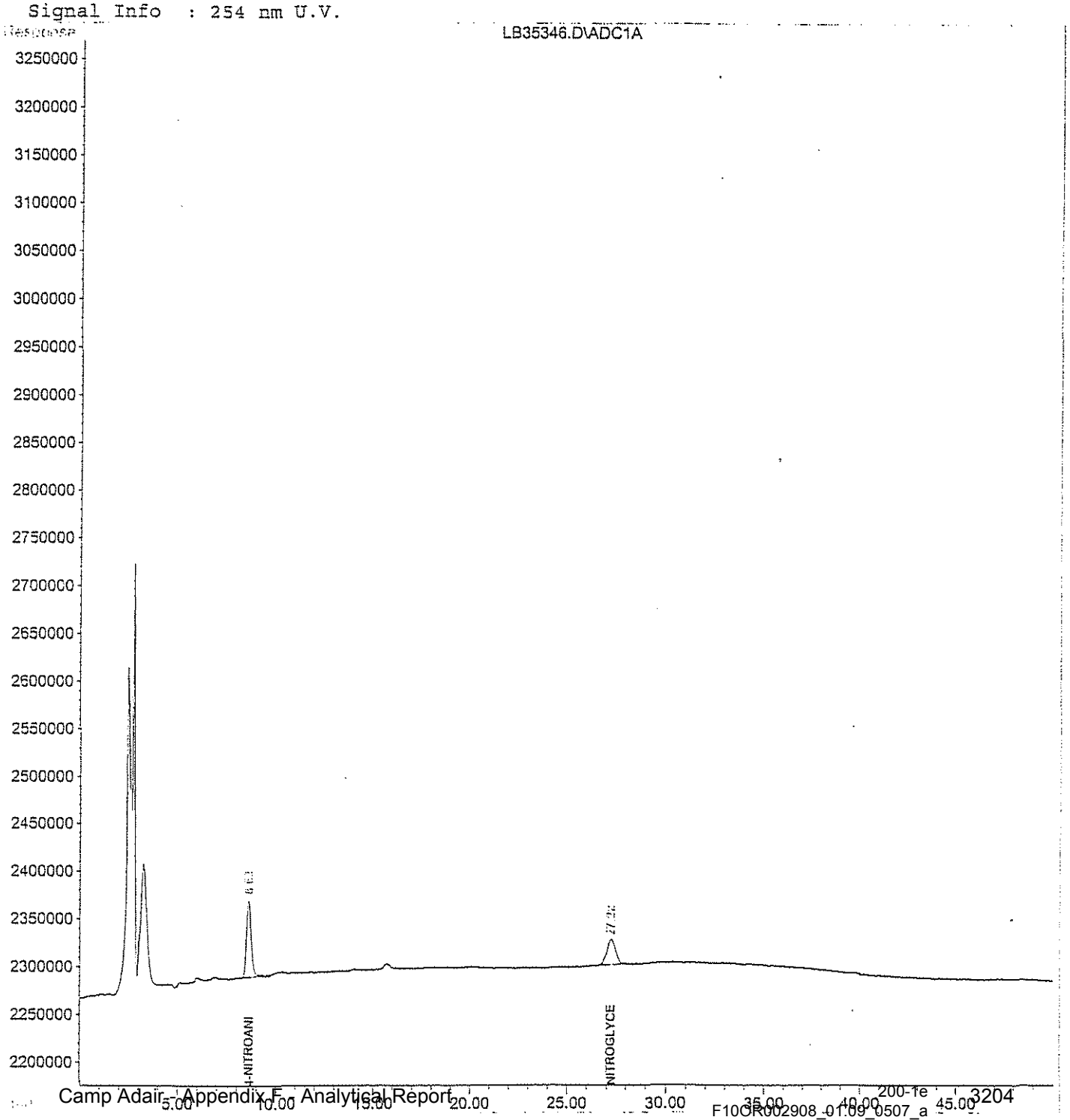
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35346.D 6802NGCO.M Thu Aug 03 09:49:03 2006 A Page 1

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.



LB35346.D 6802NGCO.M Thu Aug 03 09:49:03 2006 A Page 2

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

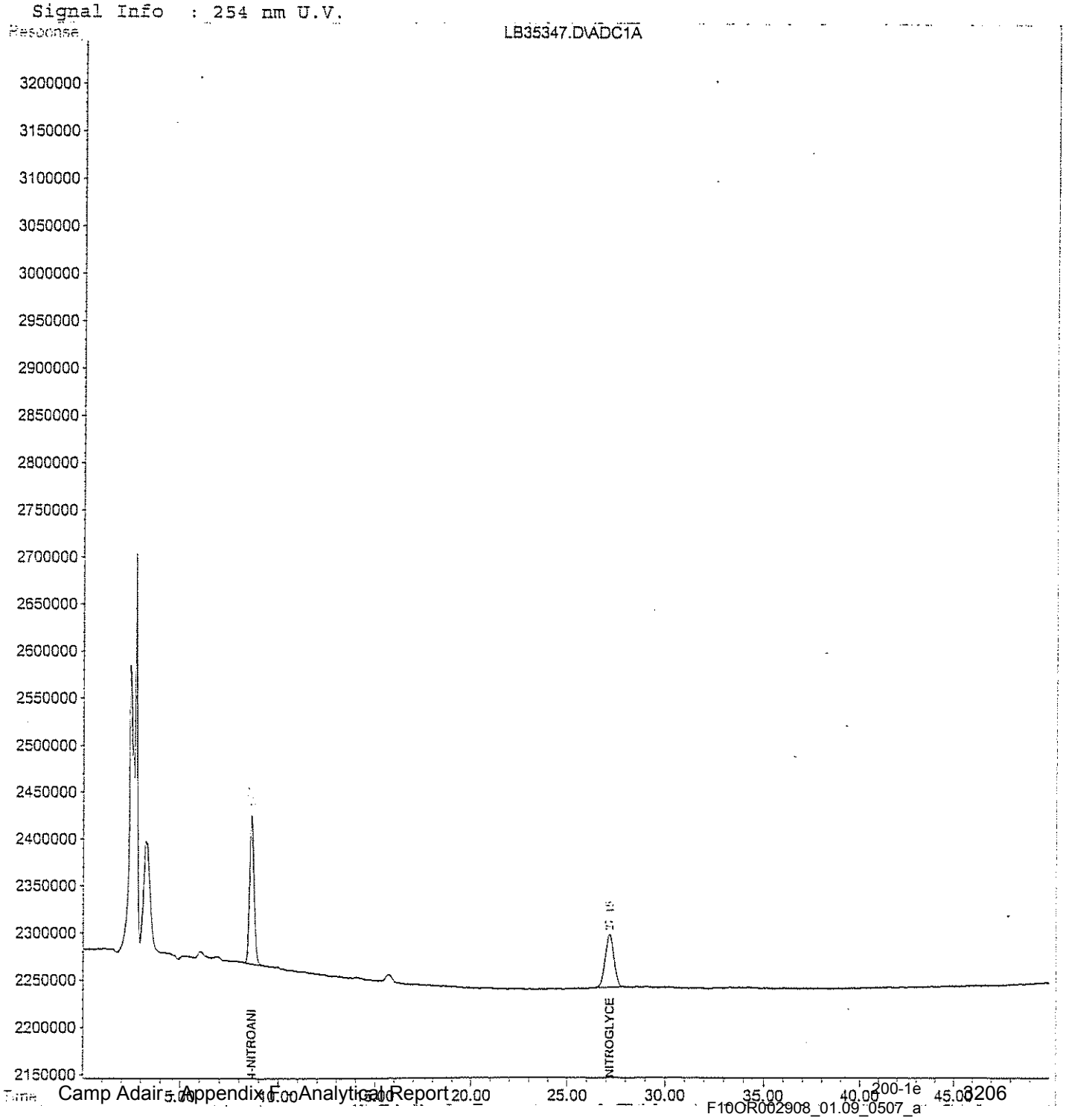
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35347.D 6802NGCO.M Thu Aug 03 09:49:05 2006 A Page 1

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.



LB35347.D 6802NGCO.M Thu Aug 03 09:49:05 2006 A Page 2

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

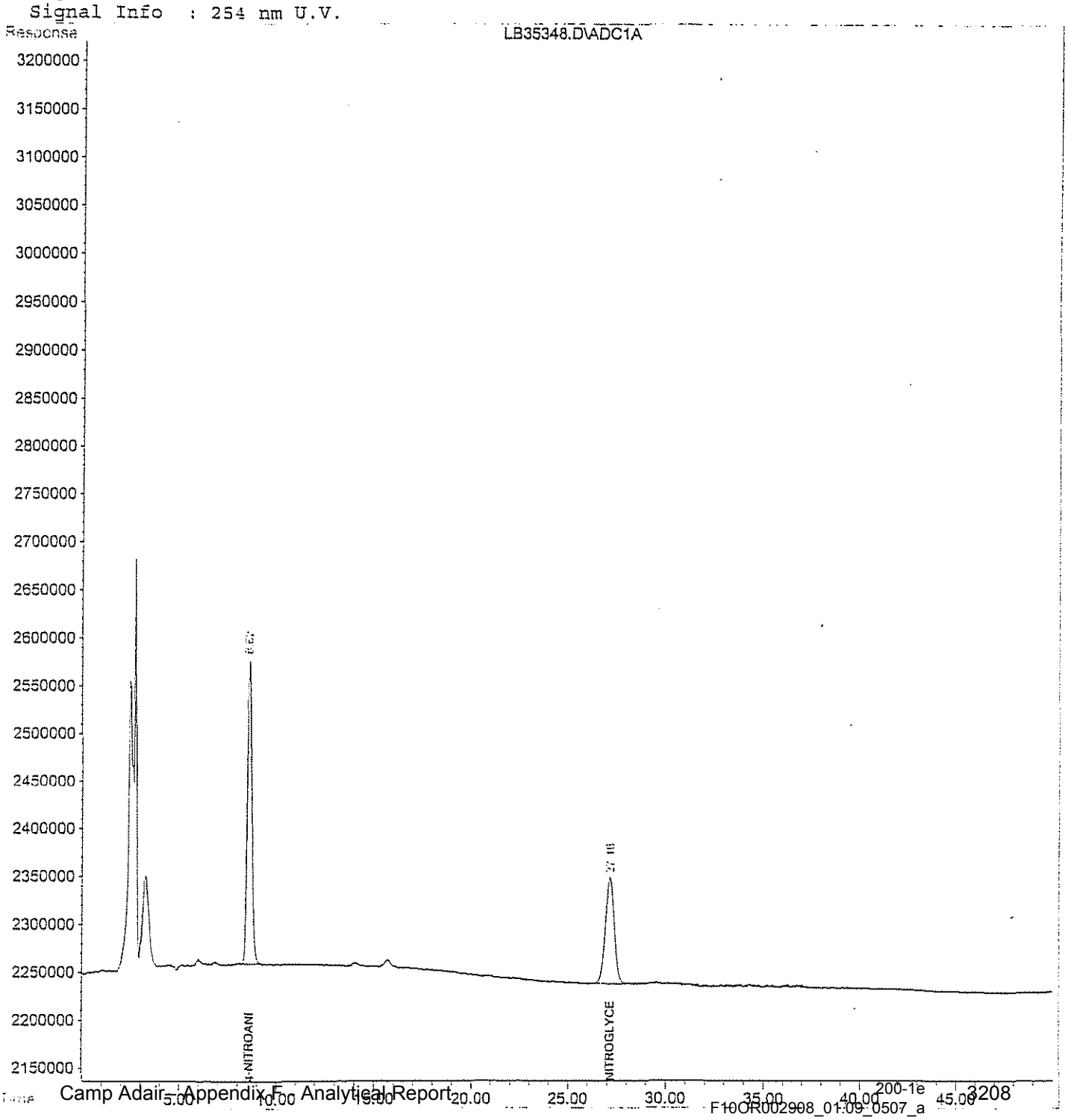
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35348.D 6802NGCO.M Thu Aug 03 09:49:06 2006 A Page 1

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.



LB35348.D 6802NGCO.M Thu Aug 03 09:49:07 2006 A Page 2

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

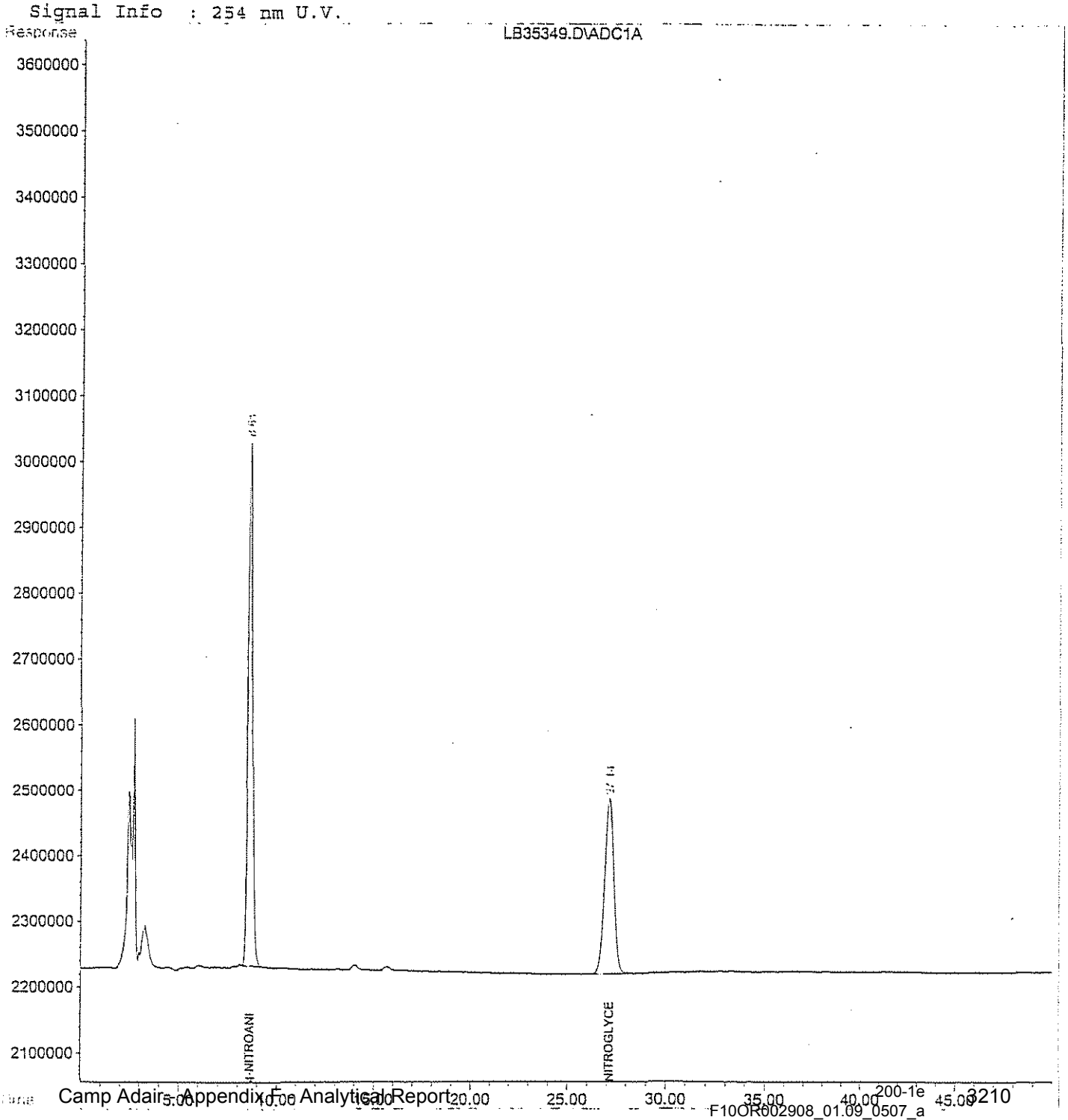
(f)=RT Delta > 1/2 Window (m)=manual int.
LB35349.D 6802NGCO.M Thu Aug 03 09:49:08 2006 A Page 1

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.



LB35349.D 6802NGCO.M Thu Aug 03 09:49:08 2006 A Page 2

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

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.
LB35350.D 6802NGCO.M Thu Aug 03 09:49:09 2006 A Page 1

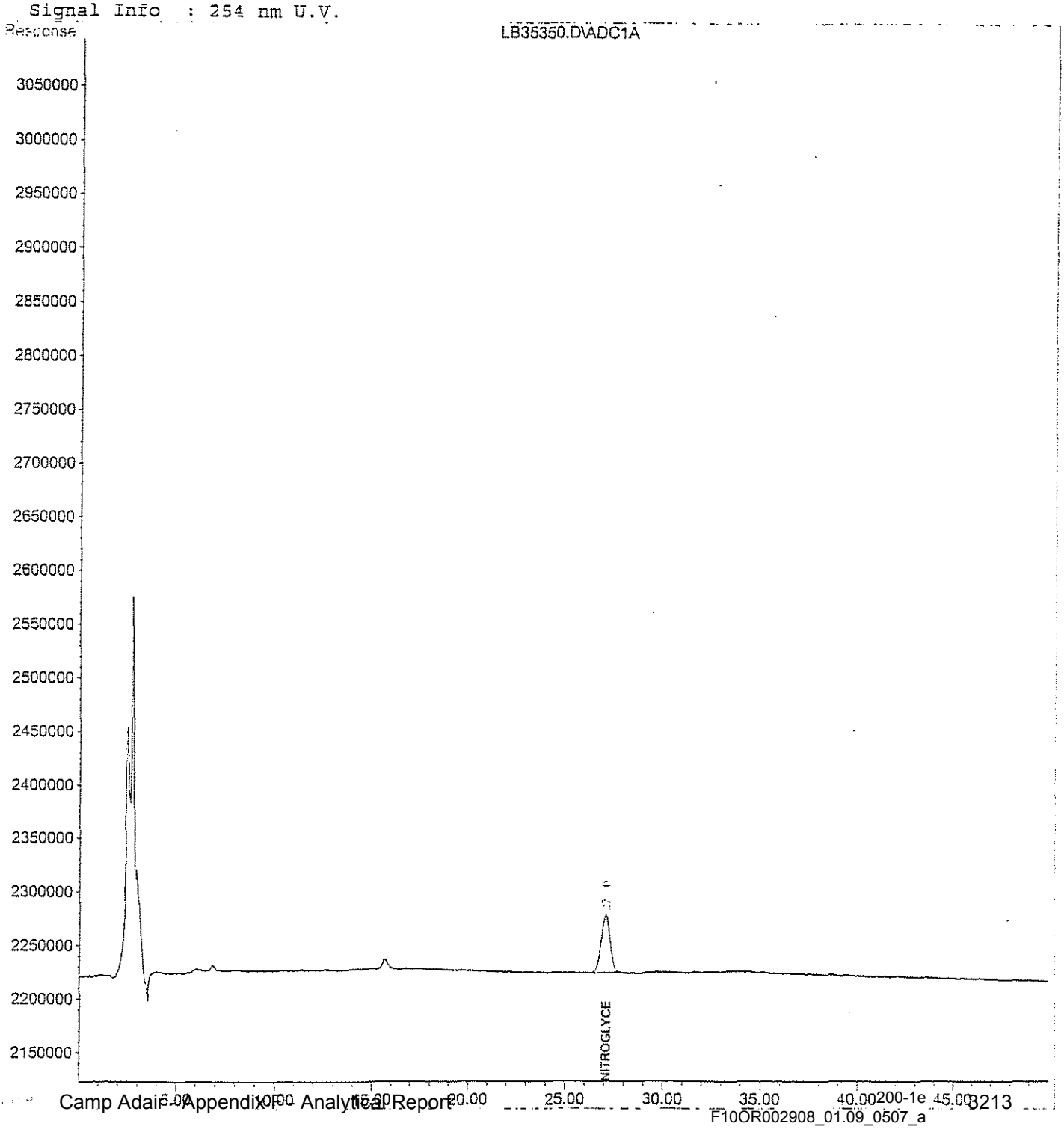
Quantitation Report

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

Vial: 7
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.



Continuing Calibration Report LCB

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

Continuing Calibration File: LB36411.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	119.883	E3	-14.5	117
2	M	NITROGLYCERINE	1.752	1.816	E6	-3.7	103

(#) = out of range SPCC's out = 0 CCC's out = 0
LB36411.D 6802NGCO.M Wed Oct 04 11:52:12 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092706\LB36411.D Vial: 3
Acq On : 27 Sep 2006 14:31 Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 16:35 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	8.80	29970668	286.143 PPB
Spiked Amount 300.000		Recovery =	95.38%
Target Compounds			
2) M NITROGLYCERINE	28.12	18159677	10.365 PPM

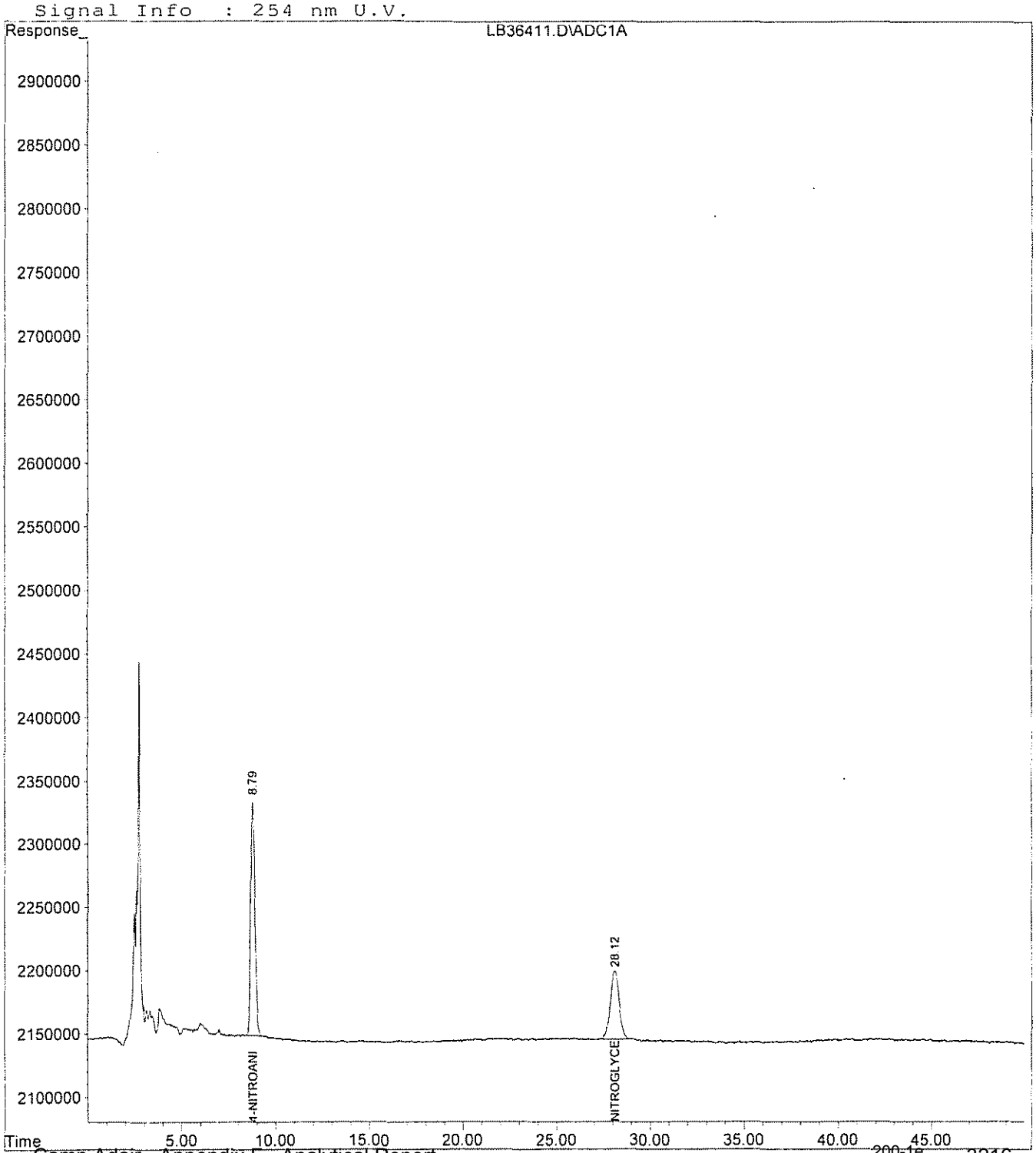
(f)=RT Delta > 1/2 Window (m)=manual int.
LB36411.D 6802NGCO.M Wed Oct 04 11:52:16 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36411.D Vial: 3
Acq On : 27 Sep 2006 14:31 Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 16:35 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 : Wed Oct 04 11:52:02 2006
Response via : Initial Calibration

Continuing Calibration File: LB36411.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	119.883	E3	-14.5	117
2	M	NITROGLYCERINE	1.752	1.816	E6	-3.7	103

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36411.D 6802NGCO.M Wed Oct 04 11:52:05 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092706\LB36411.D Vial: 3
Acq On : 27 Sep 2006 14:31 Operator: AG.
Sample : 8330NG Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 16:35 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	8.80	29970668	286.143 PPB
Spiked Amount 300.000		Recovery =	95.38%
Target Compounds			
2) M NITROGLYCERINE	28.12	18159677	10.365 PPM

(f)=RT Delta > 1/2 Window (m)=manual int.
LB36411.D 6802NGCO.M Wed Oct 04 11:52:09 2006 A Page 1

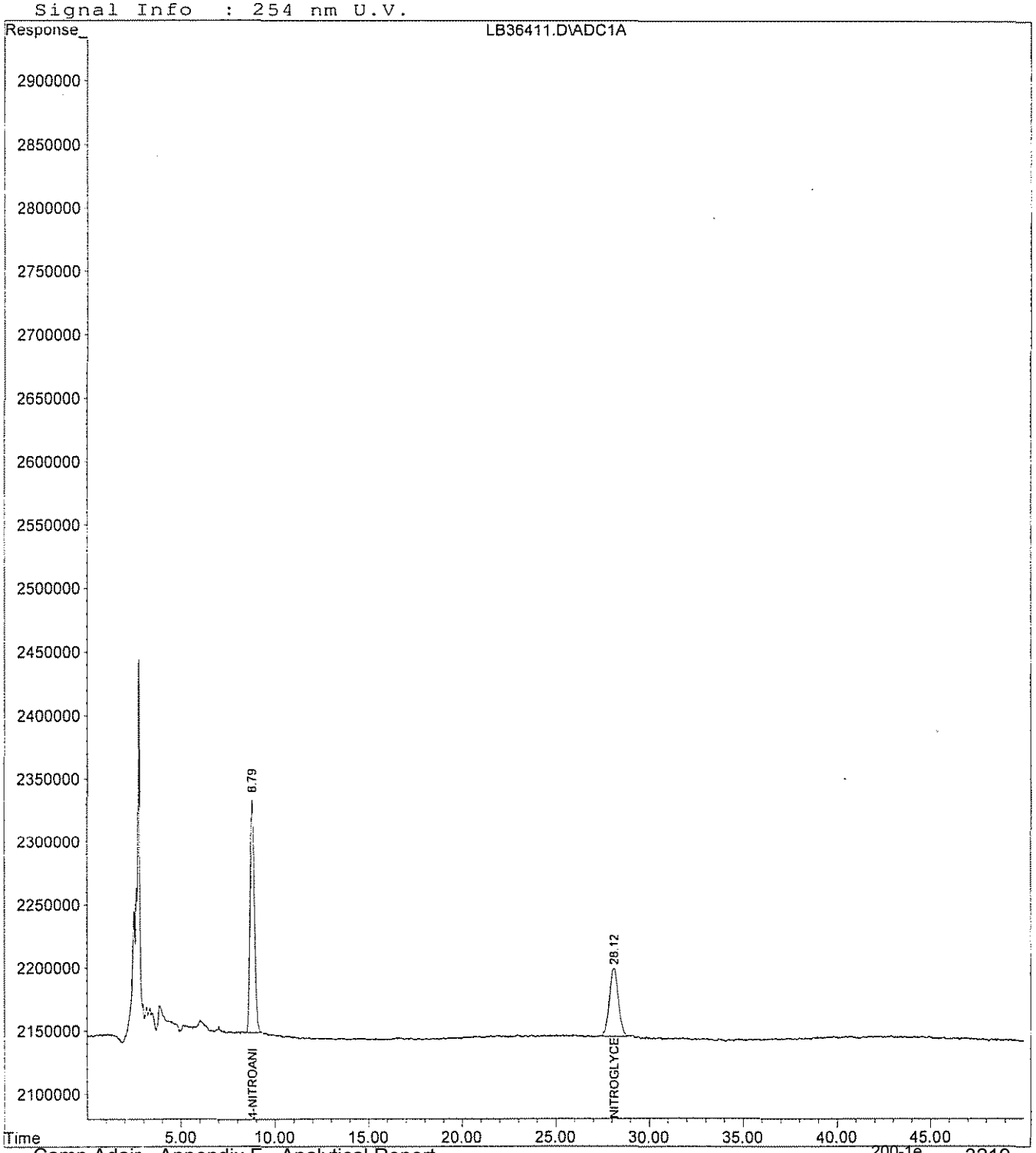
Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36411.D
Acq On : 27 Sep 2006 14:31
Sample : 8330NG
Misc : CCAL
IntFile : events.e
Quant Time: Sep 27 16:35 2006 Quant Results File: 6802NGCO.RES

Vial: 3
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.



Continuing Calibration Report LCB

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

Continuing Calibration File: LB36410.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	128.673	E3	5.0	94
2	S	4-Nitroaniline	128.386	122.299	E3	4.7	98
3	T	1,3,5-Trinitrobenzene	369.598	350.332	E3	5.2	97
4	T	Tetryl	269.401	261.552	E3	2.9	100
5	T	2,4,6-Trinitrotoluene	355.309	336.310	E3	5.3	101
6	T	4-Amino-2,6-Dinitrotoluene	618.972	578.193	E3	6.6	96
7	T	2,6-Dinitrotoluene	253.253	234.990	E3	7.2	97
8	T	4-Nitrotoluene	241.692	229.687	E3	5.0	98
9	M	RDX	171.833	158.014	E3	8.0	96
10	M	1,3-Dinitrobenzene	522.129	496.997	E3	4.8	99
11	M	Nitrobenzene	354.921	325.401	E3	8.3	96
12	M	2-Amino-4,6-Dinitrotoluene	615.907	578.193	E3	6.1	96
13	M	2,4-Dinitrotoluene	491.728	464.535	E3	5.5	97
14	M	2-Nitrotoluene	223.086	208.155	E3	6.7	97
15	M	3-Nitrotoluene	194.415	186.629	E3	4.0	99

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LB36410.D 073006C.M Wed Oct 04 11:51:08 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092706\LB36410.D Vial: 2
Acq On : 27 Sep 2006 13:25 Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 14:19 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.

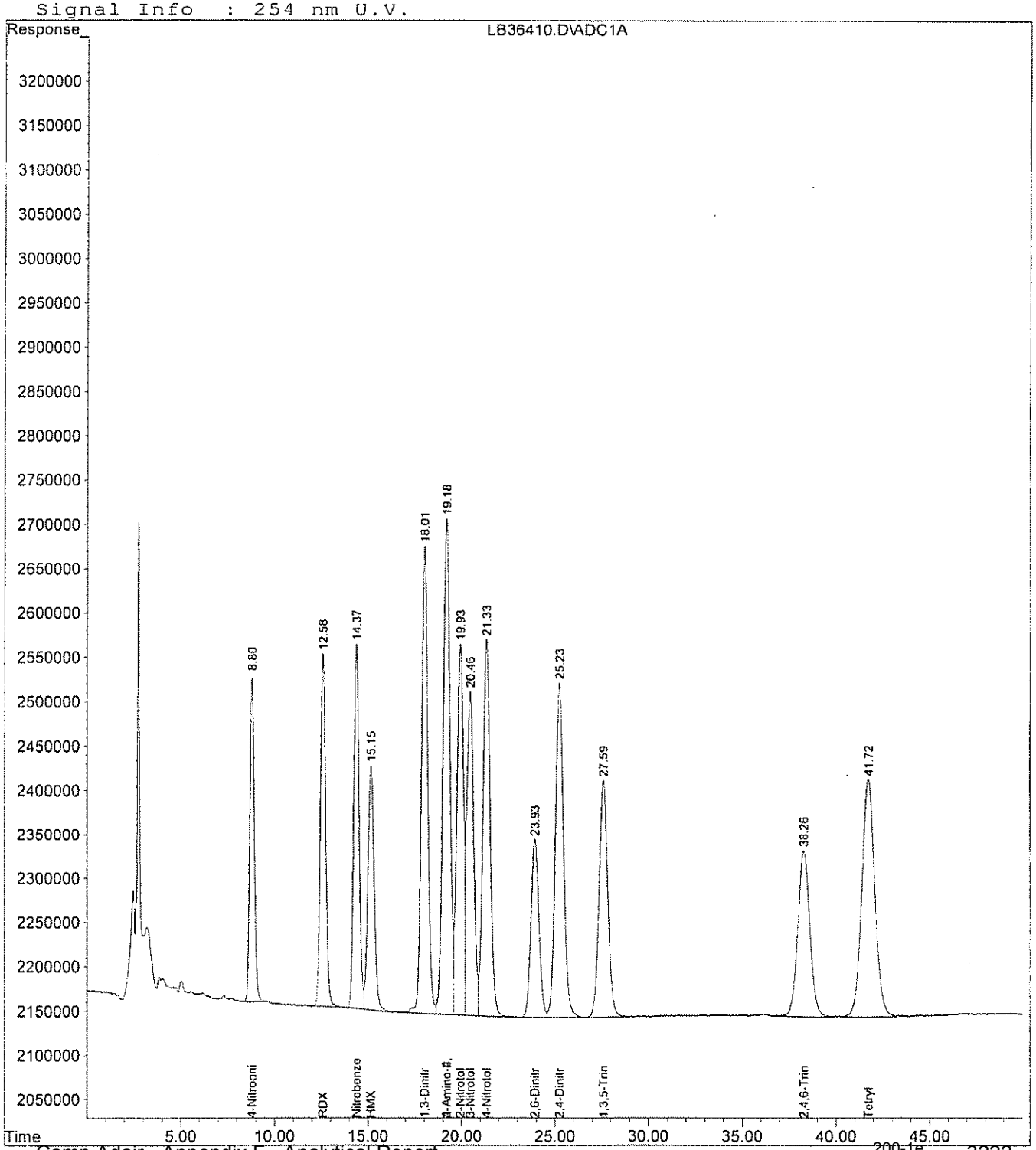
		Compound	R.T.	Response	Conc Units
System Monitoring Compounds					
2)	S	4-Nitroaniline	8.80	61149302	476.292 ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 158.76%#					
Target Compounds					
1)	T	HMX	15.16	64336406	474.896 ng/ml
3)	T	1,3,5-Trinitrobenzene	27.59	87583094	236.969 ng/ml
4)	T	Tetryl	41.71	130776059	485.433 ng/ml
5)	T	2,4,6-Trinitrotoluene	38.27	84077481	236.632 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	19.18	144548317	233.530 ng/ml
7)	T	2,6-Dinitrotoluene	23.92	58747456	231.971 ng/ml
8)	T	4-Nitrotoluene	21.34	114843319	475.164 ng/ml
9)	M	RDX	12.58	79006871	459.789 ng/ml
10)	M	1,3-Dinitrobenzene	18.01	124249328	237.967 ng/ml
11)	M	Nitrobenzene	14.37	81350320	229.207 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	19.18	144548317	234.692 ng/ml
13)	M	2,4-Dinitrotoluene	25.24	116133771	236.175 ng/ml
14)	M	2-Nitrotoluene	19.93	104077364	466.535 ng/ml
15)	M	3-Nitrotoluene	20.46	93314629	479.976 ng/ml

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36410.D Vial: 2
Acq On : 27 Sep 2006 13:25 Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 14:19 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 : Wed Oct 04 11:50:54 2006
Response via : Initial Calibration

Continuing Calibration File: LB36410.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	128.673	E3	5.0	94
2	S	4-Nitroaniline	128.386	122.299	E3	4.7	98
3	T	1,3,5-Trinitrobenzene	369.598	350.332	E3	5.2	97
4	T	Tetryl	269.401	261.552	E3	2.9	100
5	T	2,4,6-Trinitrotoluene	355.309	336.310	E3	5.3	101
6	T	4-Amino-2,6-Dinitrotoluene	618.972	578.193	E3	6.6	96
7	T	2,6-Dinitrotoluene	253.253	234.990	E3	7.2	97
8	T	4-Nitrotoluene	241.692	229.687	E3	5.0	98
9	M	RDX	171.833	158.014	E3	8.0	96
10	M	1,3-Dinitrobenzene	522.129	496.997	E3	4.8	99
11	M	Nitrobenzene	354.921	325.401	E3	8.3	96
12	M	2-Amino-4,6-Dinitrotoluene	615.907	578.193	E3	6.1	96
13	M	2,4-Dinitrotoluene	491.728	464.535	E3	5.5	97
14	M	2-Nitrotoluene	223.086	208.155	E3	6.7	97
15	M	3-Nitrotoluene	194.415	186.629	E3	4.0	99

(#) = out of range SPCC's out = 0 CCC's out = 0
LB36410.D 073006C.M Wed Oct 04 11:51:00 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCB\092706\LB36410.D Vial: 2
Acq On : 27 Sep 2006 13:25 Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 14:19 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.

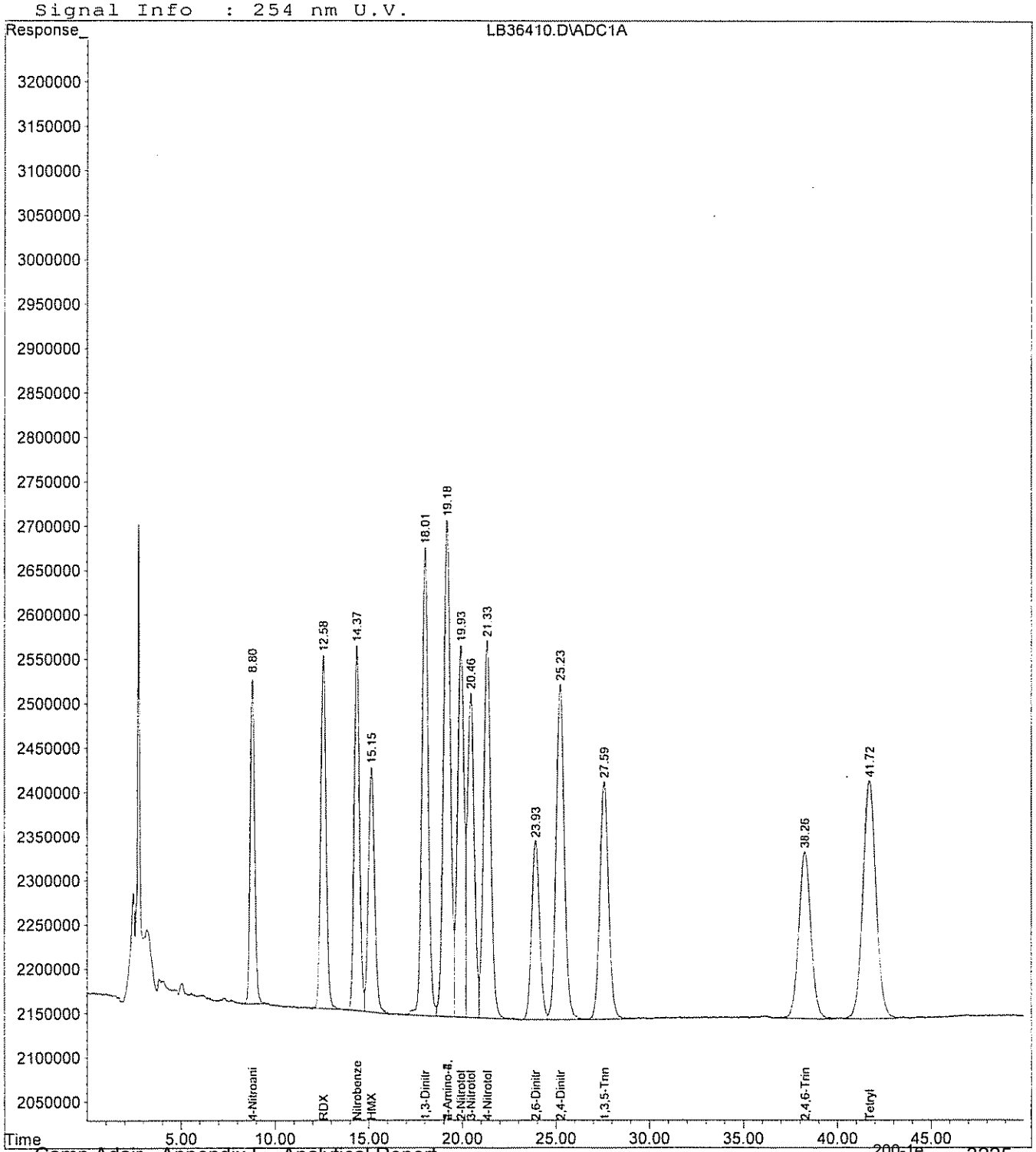
		Compound	R.T.	Response	Conc Units
System Monitoring Compounds					
2)	S	4-Nitroaniline	8.80	61149302	476.292 ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 158.76%#					
Target Compounds					
1)	T	HMX	15.16	64336406	474.896 ng/ml
3)	T	1,3,5-Trinitrobenzene	27.59	87583094	236.969 ng/ml
4)	T	Tetryl	41.71	130776059	485.433 ng/ml
5)	T	2,4,6-Trinitrotoluene	38.27	84077481	236.632 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	19.18	144548317	233.530 ng/ml
7)	T	2,6-Dinitrotoluene	23.92	58747456	231.971 ng/ml
8)	T	4-Nitrotoluene	21.34	114843319	475.164 ng/ml
9)	M	RDX	12.58	79006871	459.789 ng/ml
10)	M	1,3-Dinitrobenzene	18.01	124249328	237.967 ng/ml
11)	M	Nitrobenzene	14.37	81350320	229.207 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	19.18	144548317	234.692 ng/ml
13)	M	2,4-Dinitrotoluene	25.24	116133771	236.175 ng/ml
14)	M	2-Nitrotoluene	19.93	104077364	466.535 ng/ml
15)	M	3-Nitrotoluene	20.46	93314629	479.976 ng/ml

Quantitation Report

Data File : H:\LCDATA\LCB\092706\LB36410.D Vial: 2
Acq On : 27 Sep 2006 13:25 Operator: AG.
Sample : 8330MIX Inst : LCB
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 14:19 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32943.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	148.841	141.305	E3	5.1	99
2	S	4-Nitroaniline	133.762	137.175	E3	-2.6	100
3	T	1,3,5-Trinitrobenzene	395.682	391.399	E3	1.1	101
4	T	Tetryl	273.783	293.274	E3	-7.1	103
5	T	2,4,6-Trinitrotoluene	365.295	363.920	E3	0.4	99
6	T	4-Amino-2,6-Dinitrotoluene	288.885	258.193	E3	10.6	93
7	T	2,6-Dinitrotoluene	260.645	253.567	E3	2.7	100
8	T	4-Nitrotoluene	192.745	189.822	E3	1.5	101
9	M	RDX	188.524	172.929	E3	8.3	96
10	M	1,3-Dinitrobenzene	547.937	538.341	E3	1.8	100
11	M	Nitrobenzene	377.618	360.480	E3	4.5	101
12	M	2-Amino-4,6-Dinitrotoluene	392.935	371.217	E3	5.5	97
13	M	2,4-Dinitrotoluene	537.145	512.678	E3	4.6	98
14	M	2-Nitrotoluene	230.650	225.756	E3	2.1	100
15	M	3-Nitrotoluene	244.988	240.080	E3	2.0	100

(#) = out of range SPCC's out = 0 CCC's out = 0
LCD32943.D 6624833.M Wed Oct 04 11:36:18 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32943.D Vial: 15
Acq On : 23 Sep 2006 9:05 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:26 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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	68587711	512.761	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 170.92%#						
Target Compounds						
1)	T	HMX	4.68	70652527	474.683	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.41	97849700	247.294	ng/ml
4)	T	Tetryl	19.70	146636985	535.596	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.02	90980117	249.060	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.97	64548235	223.439	ng/ml
7)	T	2,6-Dinitrotoluene	30.15	63391740	243.211	ng/ml
8)	T	4-Nitrotoluene	42.07	94911120	492.417	ng/ml
9)	M	RDX	9.02	86464534	458.640	ng/ml
10)	M	1,3-Dinitrobenzene	17.74	134585224	245.622	ng/ml
11)	M	Nitrobenzene	21.38	90120107	238.654	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.61	92804136	236.182	ng/ml
13)	M	2,4-Dinitrotoluene	31.36	128169487	238.612	ng/ml
14)	M	2-Nitrotoluene	38.97	112877778	489.389	ng/ml
15)	M	3-Nitrotoluene	45.67	120039833	489.982	ng/ml

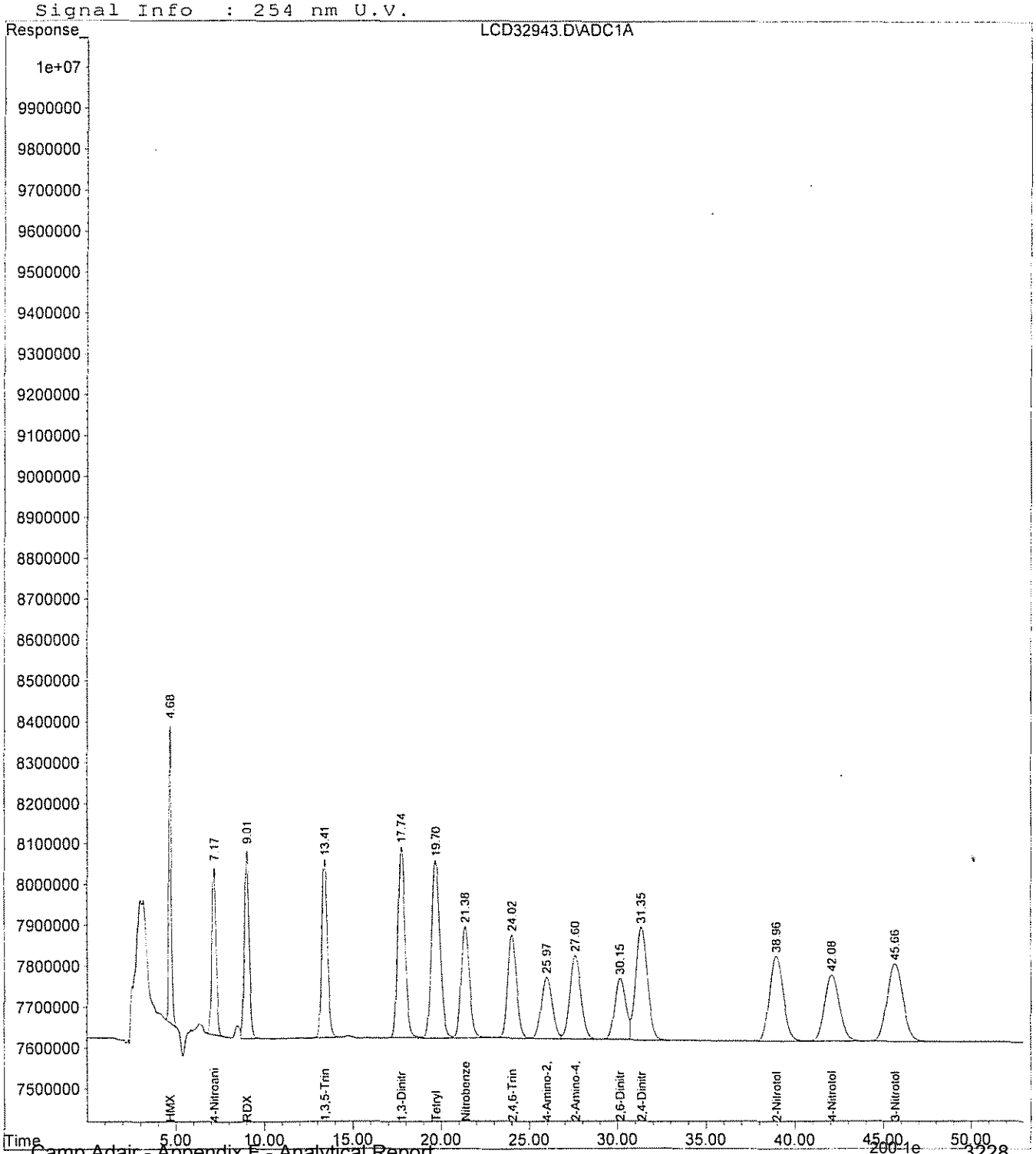
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32943.D Vial: 15
Acq On : 23 Sep 2006 9:05 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:26 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32931.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	148.841	147.425	E3	1.0	104
2	S	4-Nitroaniline	133.762	136.361	E3	-1.9	100
3	T	1,3,5-Trinitrobenzene	395.682	389.103	E3	1.7	100
4	T	Tetryl	273.783	292.580	E3	-6.9	102
5	T	2,4,6-Trinitrotoluene	365.295	364.813	E3	0.1	99
6	T	4-Amino-2,6-Dinitrotoluene	288.885	260.583	E3	9.8	94
7	T	2,6-Dinitrotoluene	260.645	259.151	E3	0.6	102
8	T	4-Nitrotoluene	192.745	190.495	E3	1.2	101
9	M	RDX	188.524	170.133	E3	9.8	95
10	M	1,3-Dinitrobenzene	547.937	538.639	E3	1.7	100
11	M	Nitrobenzene	377.618	357.804	E3	5.2	100
12	M	2-Amino-4,6-Dinitrotoluene	392.935	372.963	E3	5.1	97
13	M	2,4-Dinitrotoluene	537.145	516.246	E3	3.9	99
14	M	2-Nitrotoluene	230.650	227.875	E3	1.2	101
15	M	3-Nitrotoluene	244.988	240.763	E3	1.7	100

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32931.D Vial: 3
Acq On : 22 Sep 2006 21:36 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:25 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

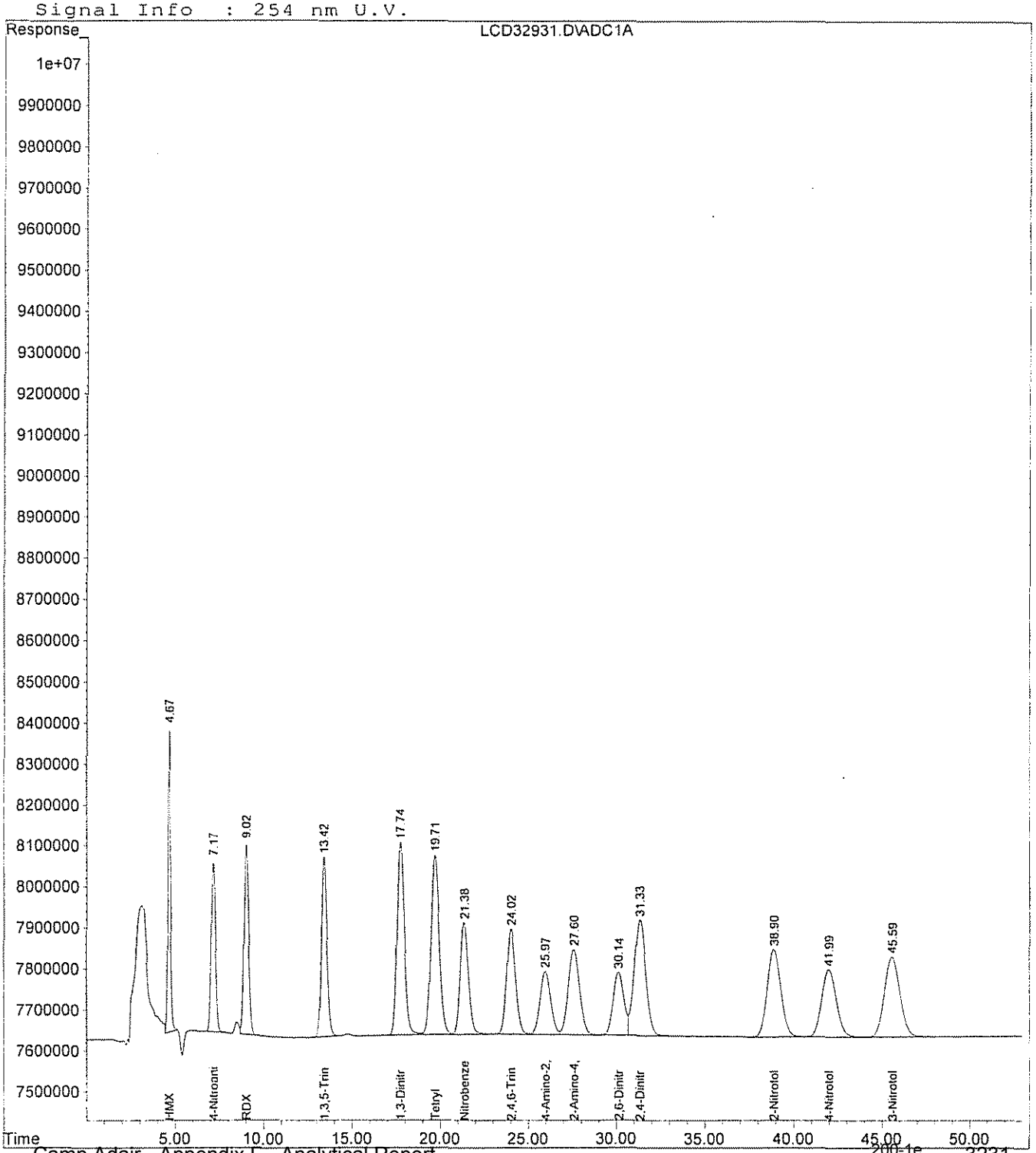
		Compound	R.T.	Response	Conc Units
System Monitoring Compounds					
2)	S	4-Nitroaniline	7.17	68180370	509.716 ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 169.91%#
Target Compounds					
1)	T	HMX	4.67	73712585	495.243 ng/ml
3)	T	1,3,5-Trinitrobenzene	13.42	97275774	245.843 ng/ml
4)	T	Tetryl	19.71	146289840	534.328 ng/ml
5)	T	2,4,6-Trinitrotoluene	24.02	91203257	249.670 ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.97	65145854	225.508 ng/ml
7)	T	2,6-Dinitrotoluene	30.13	64787752	248.567 ng/ml
8)	T	4-Nitrotoluene	42.00	95247737	494.163 ng/ml
9)	M	RDX	9.02	85066527	451.225 ng/ml
10)	M	1,3-Dinitrobenzene	17.75	134659769	245.758 ng/ml
11)	M	Nitrobenzene	21.38	89450934	236.882 ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.60	93240741	237.293 ng/ml
13)	M	2,4-Dinitrotoluene	31.33	129061605	240.273 ng/ml
14)	M	2-Nitrotoluene	38.91	113937483	493.984 ng/ml
15)	M	3-Nitrotoluene	45.59	120381416	491.376 ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32931.D Vial: 3
Acq On : 22 Sep 2006 21:36 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:25 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32984.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	148.841	143.656	E3	3.5	101
2	S	4-Nitroaniline	133.762	136.846	E3	-2.3	100
3	T	1,3,5-Trinitrobenzene	395.682	396.403	E3	-0.2	102
4	T	Tetryl	273.783	294.977	E3	-7.7	103
5	T	2,4,6-Trinitrotoluene	365.295	367.624	E3	-0.6	100
6	T	4-Amino-2,6-Dinitrotoluene	288.885	263.921	E3	8.6	95
7	T	2,6-Dinitrotoluene	260.645	257.664	E3	1.1	101
8	T	4-Nitrotoluene	192.745	192.232	E3	0.3	102
9	M	RDX	188.524	172.436	E3	8.5	96
10	M	1,3-Dinitrobenzene	547.937	545.133	E3	0.5	102
11	M	Nitrobenzene	377.618	358.904	E3	5.0	100
12	M	2-Amino-4,6-Dinitrotoluene	392.935	381.467	E3	2.9	100
13	M	2,4-Dinitrotoluene	537.145	521.471	E3	2.9	100
14	M	2-Nitrotoluene	230.650	228.587	E3	0.9	102
15	M	3-Nitrotoluene	244.988	243.254	E3	0.7	101

(#) = out of range SPCC's out = 0 CCC's out = 0
LCD32984.D 6624833.M Wed Oct 04 11:34:26 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32984.D Vial: 27
Acq On : 26 Sep 2006 9:26 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:42 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

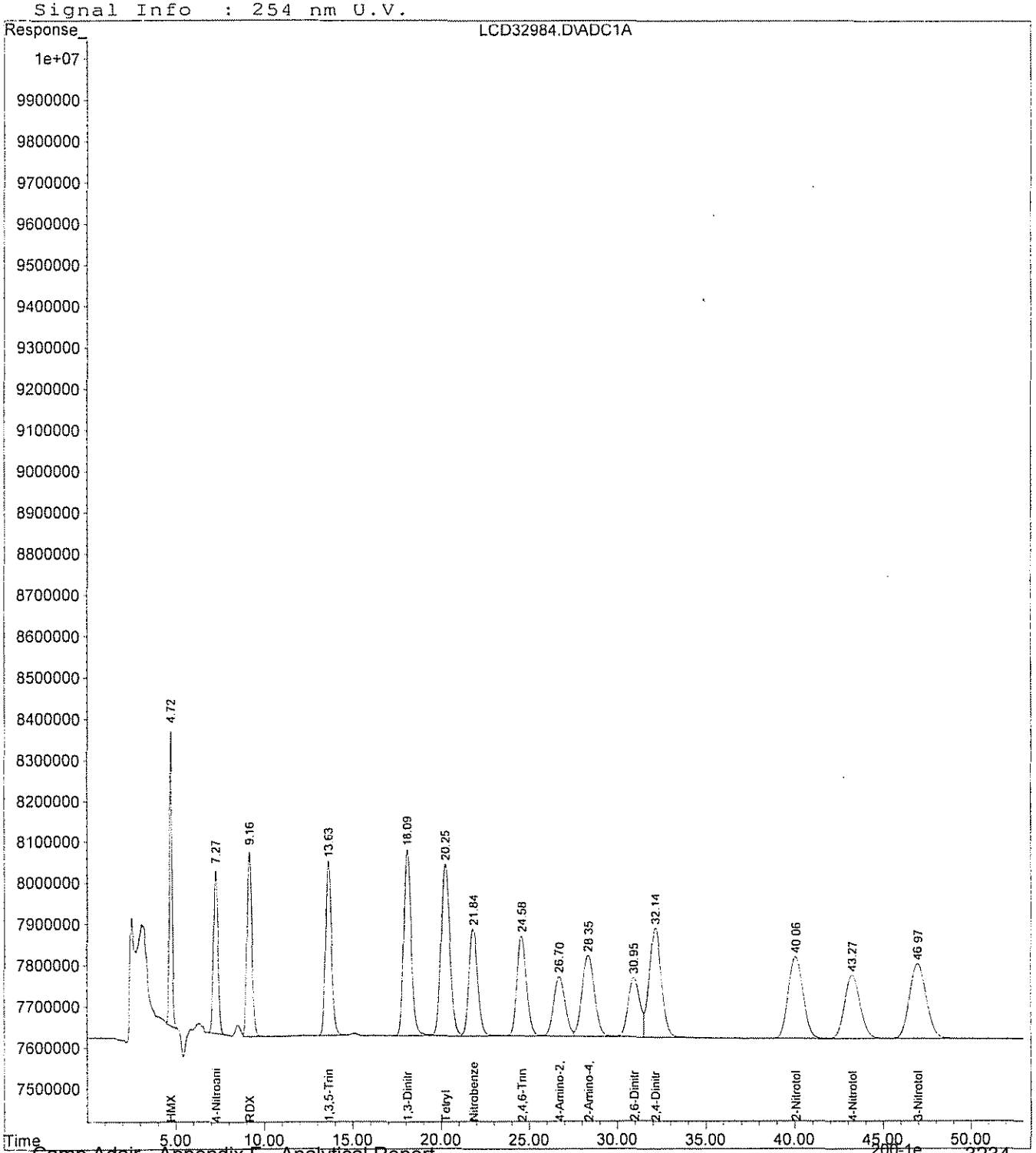
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.27	68423075	511.530	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 170.51%#						
Target Compounds						
1)	T	HMX	4.72	71828083	482.582	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.63	99100726	250.455	ng/ml
4)	T	Tetryl	20.25	147488559	538.706	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.58	91905937	251.594	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.71	65980340	228.396	ng/ml
7)	T	2,6-Dinitrotoluene	30.96	64415987	247.140	ng/ml
8)	T	4-Nitrotoluene	43.26	96116228	498.669	ng/ml
9)	M	RDX	9.16	86217937	457.332	ng/ml
10)	M	1,3-Dinitrobenzene	18.09	136283195	248.721	ng/ml
11)	M	Nitrobenzene	21.84	89725971	237.611	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.36	95366733	242.703	ng/ml
13)	M	2,4-Dinitrotoluene	32.15	130367798	242.705	ng/ml
14)	M	2-Nitrotoluene	40.06	114293472	495.527	ng/ml
15)	M	3-Nitrotoluene	46.98	121627101	496.461	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32984.D Vial: 27
Acq On : 26 Sep 2006 9:26 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:42 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32971.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	148.841	140.698	E3	5.5	99
2	S	4-Nitroaniline	133.762	136.235	E3	-1.8	100
3	T	1,3,5-Trinitrobenzene	395.682	392.440	E3	0.8	101
4	T	Tetryl	273.783	289.554	E3	-5.8	101
5	T	2,4,6-Trinitrotoluene	365.295	365.107	E3	0.1	100
6	T	4-Amino-2,6-Dinitrotoluene	288.885	259.751	E3	10.1	94
7	T	2,6-Dinitrotoluene	260.645	253.957	E3	2.6	100
8	T	4-Nitrotoluene	192.745	193.438	E3	-0.4	103
9	M	RDX	188.524	172.288	E3	8.6	96
10	M	1,3-Dinitrobenzene	547.937	535.310	E3	2.3	100
11	M	Nitrobenzene	377.618	355.338	E3	5.9	99
12	M	2-Amino-4,6-Dinitrotoluene	392.935	372.172	E3	5.3	97
13	M	2,4-Dinitrotoluene	537.145	517.730	E3	3.6	99
14	M	2-Nitrotoluene	230.650	228.772	E3	0.8	102
15	M	3-Nitrotoluene	244.988	242.633	E3	1.0	101

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD32971.D 6624833.M Wed Oct 04 11:33:50 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32971.D Vial: 14
Acq On : 25 Sep 2006 21:01 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 11:52 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

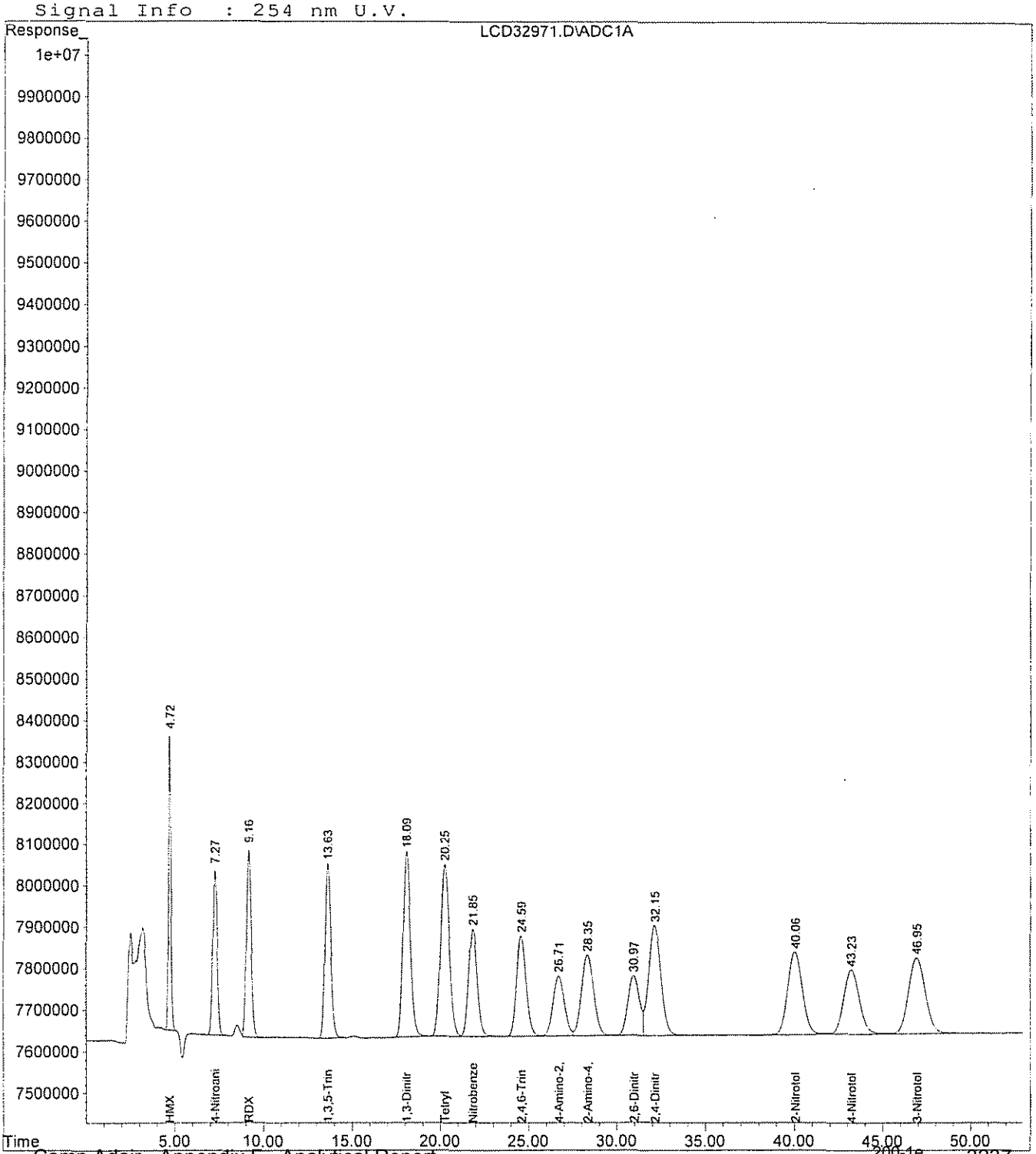
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.27	68117287	509.244	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 169.75%#	
Target Compounds						
1)	T	HMX	4.72	70349105	472.645	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.64	98109895	247.951	ng/ml
4)	T	Tetryl	20.25	144777060	528.803	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.60	91276808	249.872	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.71	64937637	224.787	ng/ml
7)	T	2,6-Dinitrotoluene	30.96	63489299	243.585	ng/ml
8)	T	4-Nitrotoluene	43.24	96719021	501.797	ng/ml
9)	M	RDX	9.17	86143816	456.939	ng/ml
10)	M	1,3-Dinitrobenzene	18.09	133827502	244.239	ng/ml
11)	M	Nitrobenzene	21.85	88834452	235.250	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.36	93043100	236.790	ng/ml
13)	M	2,4-Dinitrotoluene	32.15	129432623	240.964	ng/ml
14)	M	2-Nitrotoluene	40.05	114386199	495.929	ng/ml
15)	M	3-Nitrotoluene	46.94	121316471	495.193	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32971.D Vial: 14
Acq On : 25 Sep 2006 21:01 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 11:52 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32958.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	148.841	138.767	E3	6.8	98
2	S	4-Nitroaniline	133.762	131.395	E3	1.8	96
3	T	1,3,5-Trinitrobenzene	395.682	394.520	E3	0.3	101
4	T	Tetryl	273.783	291.793	E3	-6.6	102
5	T	2,4,6-Trinitrotoluene	365.295	367.752	E3	-0.7	100
6	T	4-Amino-2,6-Dinitrotoluene	288.885	257.890	E3	10.7	93
7	T	2,6-Dinitrotoluene	260.645	257.248	E3	1.3	101
8	T	4-Nitrotoluene	192.745	193.682	E3	-0.5	103
9	M	RDX	188.524	175.929	E3	6.7	98
10	M	1,3-Dinitrobenzene	547.937	538.283	E3	1.8	100
11	M	Nitrobenzene	377.618	359.514	E3	4.8	100
12	M	2-Amino-4,6-Dinitrotoluene	392.935	376.770	E3	4.1	98
13	M	2,4-Dinitrotoluene	537.145	523.404	E3	2.6	100
14	M	2-Nitrotoluene	230.650	227.855	E3	1.2	101
15	M	3-Nitrotoluene	244.988	242.929	E3	0.8	101

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32958.D Vial: 1
Acq On : 25 Sep 2006 8:30 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 25 9:41 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

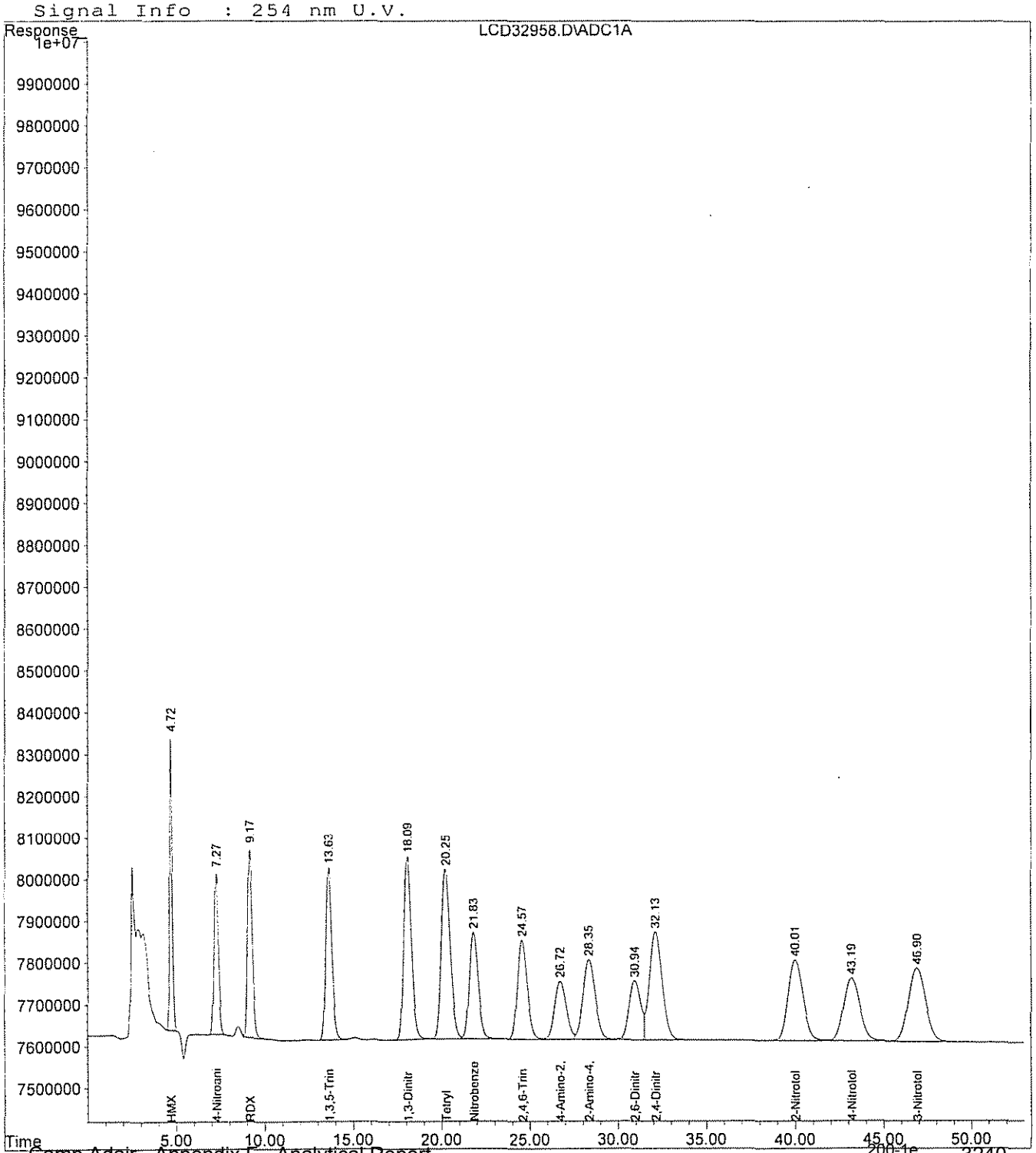
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.27	65697471	491.154	ng/mlm
Spiked Amount		150.000	Range	52 - 154	Recovery	= 327.44%#
Target Compounds						
1)	T	HMX	4.72	69383597	466.158	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.63	98629953	249.265	ng/ml
4)	T	Tetryl	20.25	145896708	532.892	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.57	91937961	251.682	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.72	64472424	223.177	ng/ml
7)	T	2,6-Dinitrotoluene	30.94	64311900	246.741	ng/ml
8)	T	4-Nitrotoluene	43.19	96840829	502.429	ng/ml
9)	M	RDX	9.17	87964707	466.598	ng/ml
10)	M	1,3-Dinitrobenzene	18.09	134570659	245.595	ng/ml
11)	M	Nitrobenzene	21.83	89878508	238.015	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.36	94192518	239.715	ng/ml
13)	M	2,4-Dinitrotoluene	32.13	130851041	243.605	ng/ml
14)	M	2-Nitrotoluene	40.01	113927688	493.941	ng/ml
15)	M	3-Nitrotoluene	46.89	121464647	495.798	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32958.D Vial: 1
Acq On : 25 Sep 2006 8:30 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 25 9:41 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32985.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	141.012	122.017	E3	13.5	89
2	M	NITROGLYCERINE	2.051	2.030	E6	1.0	98

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD32985.D 6818NGPT.M Wed Oct 04 11:39:11 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32985.D Vial: 28
Acq On : 26 Sep 2006 10:24 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:44 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.27	30504142	216.324	PPB	m
Spiked Amount 300.000		Recovery =	72.11%		
Target Compounds					
2) M NITROGLYCERINE	22.12	20302109	9.898	PPM	m

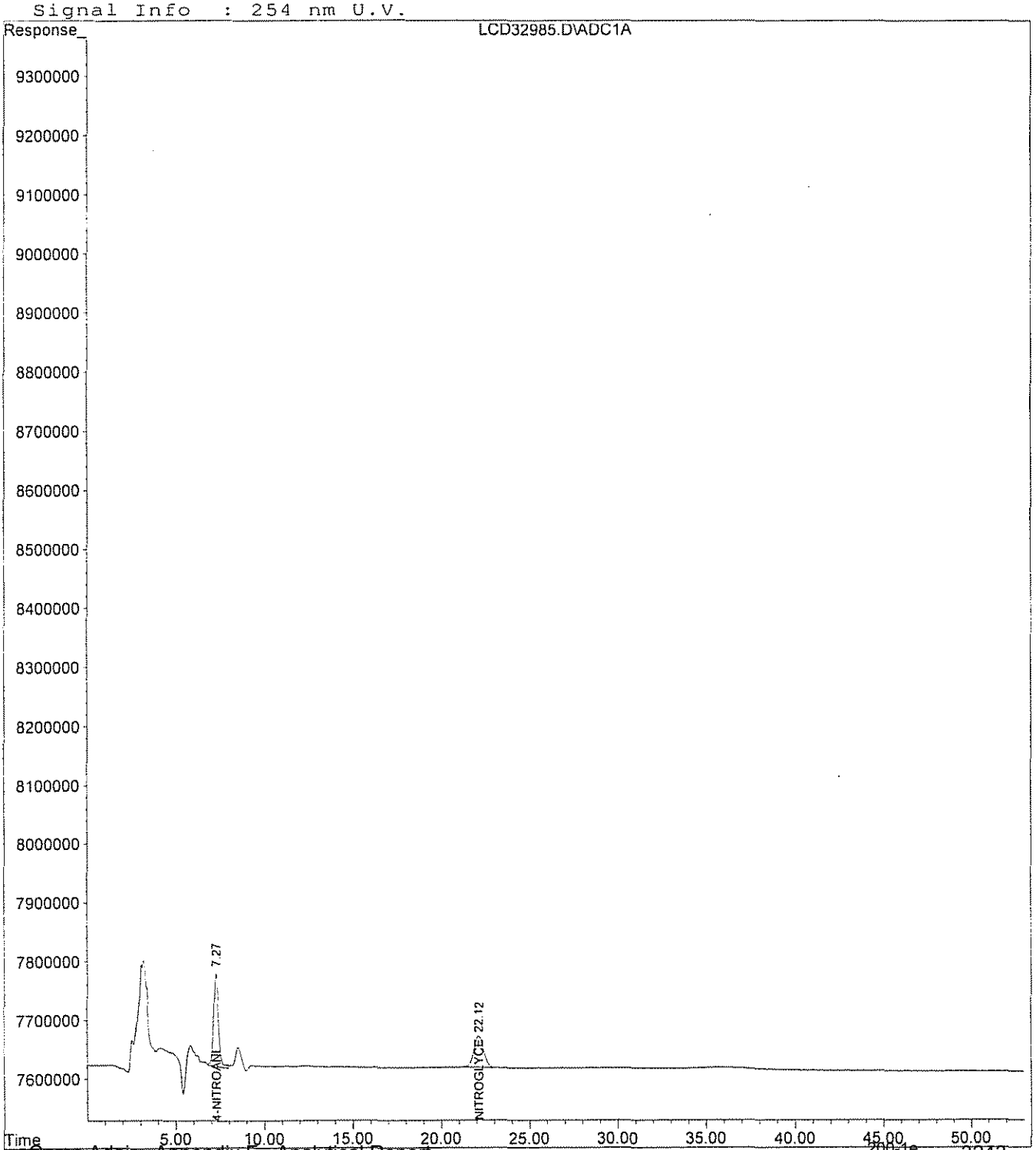
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32985.D 6818NGPT.M Wed Oct 04 11:39:15 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32985.D Vial: 28
Acq On : 26 Sep 2006 10:24 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:44 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32972.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	141.012	133.788	E3	5.1	97
2	M	NITROGLYCERINE	2.051	1.959	E6	4.5	95

(#) = out of range SPCC's out = 0 CCC's out = 0
LCD32972.D 6818NGPT.M Wed Oct 04 11:38:43 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32972.D Vial: 15
Acq On : 25 Sep 2006 21:58 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:43 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.27	33447038	237.194	PPB	m
Spiked Amount 300.000		Recovery =	79.06%		
Target Compounds					
2) M NITROGLYCERINE	22.08	19594298	9.553	PPM	m

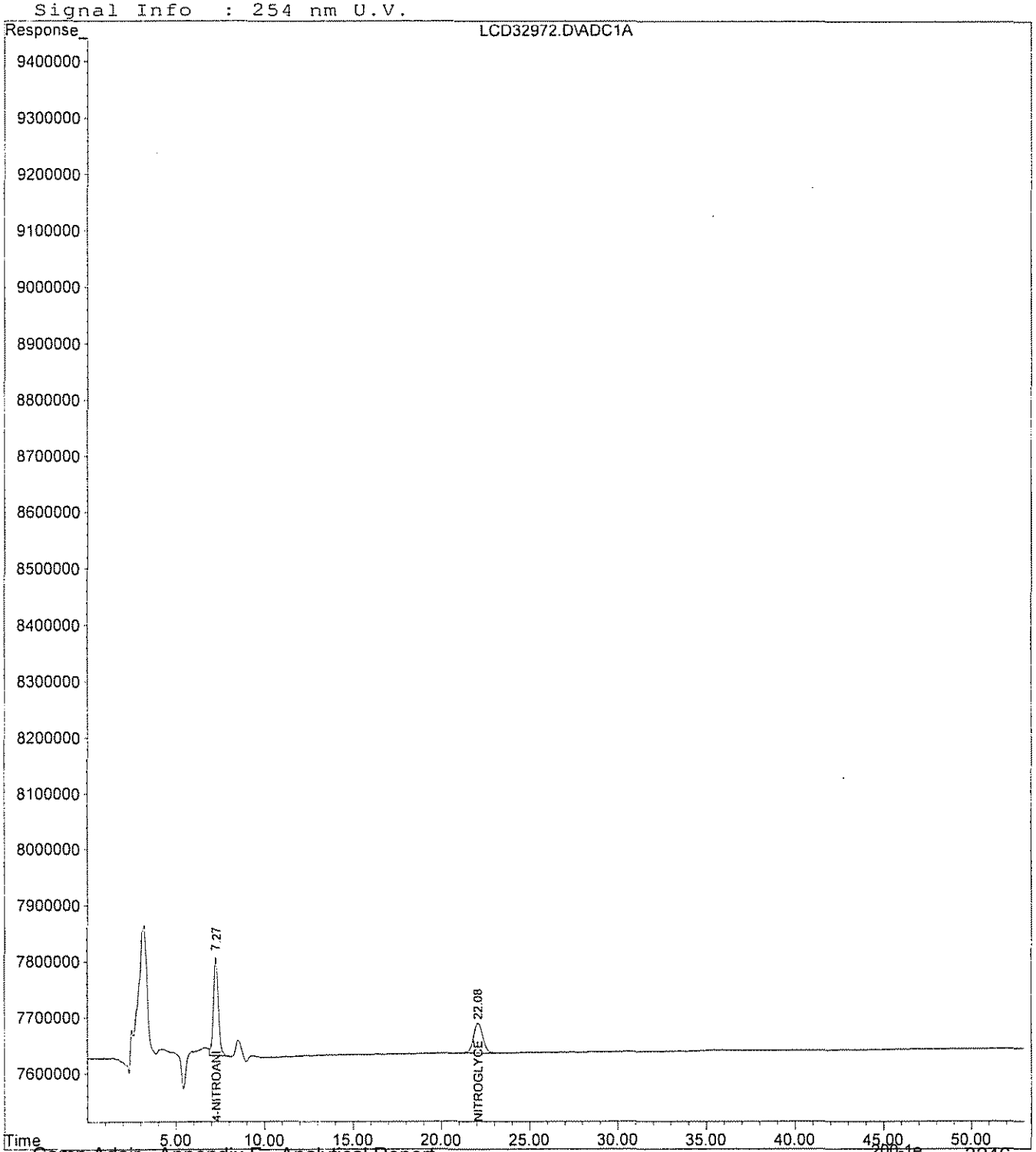
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32972.D 6818NGPT.M Wed Oct 04 11:38:48 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32972.D Vial: 15
Acq On : 25 Sep 2006 21:58 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:43 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32959.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	141.012	117.661	E3	16.6#	86
2	M	NITROGLYCERINE	2.051	2.044	E6	0.3	99

(#) = out of range SPCC's out = 0 CCC's out = 0
LCD32959.D 6818NGPT.M Wed Oct 04 11:38:18 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD32959.D Vial: 2
Acq On : 25 Sep 2006 9:28 Operator: AG
Sample : 8330NG Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:16 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.26	29415175	208.601	PPB	m
Spiked Amount 300.000		Recovery =	69.53%		
Target Compounds					
2) M NITROGLYCERINE	22.02f	20444932	9.968	PPM	

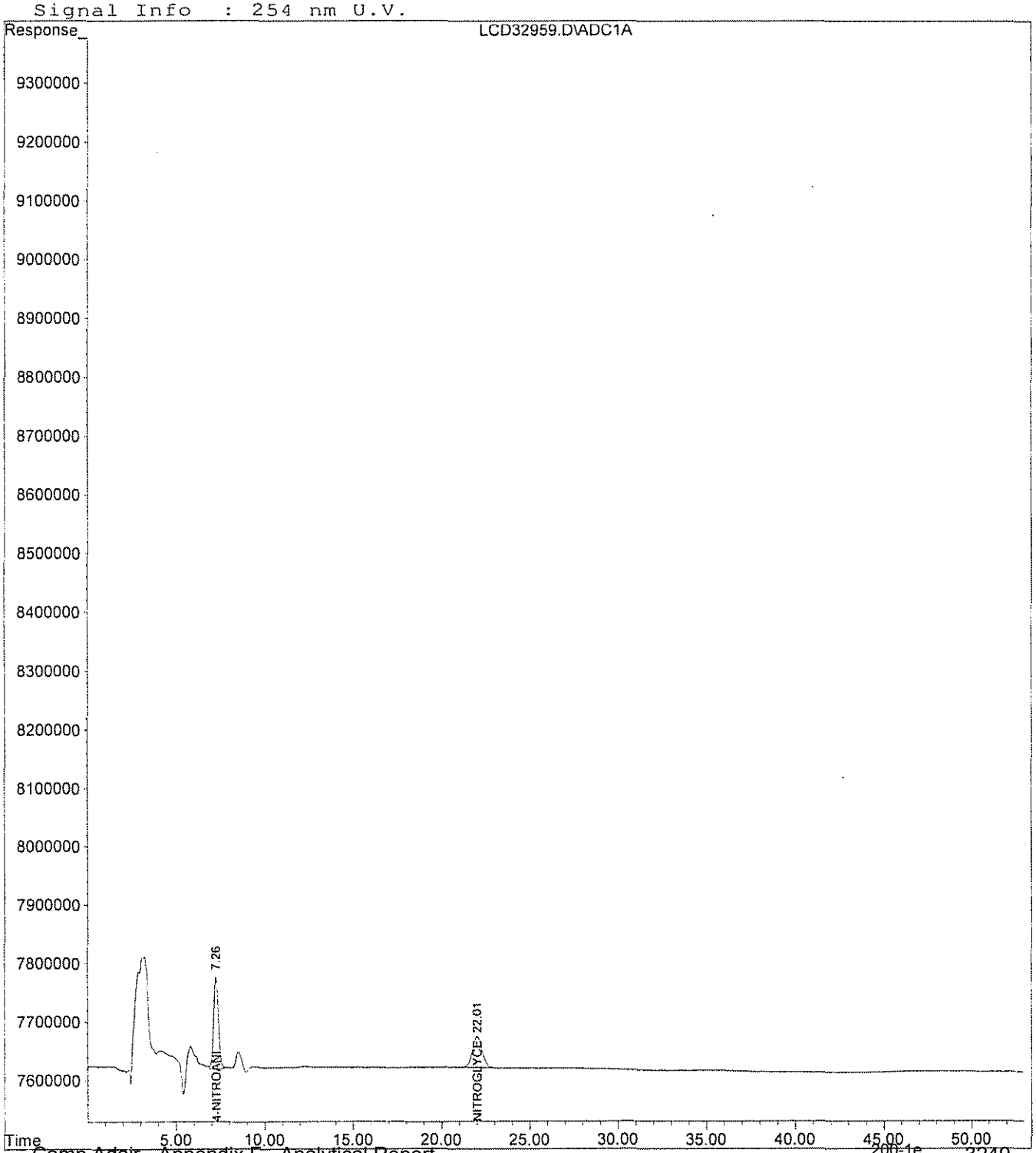
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32959.D 6818NGPT.M Wed Oct 04 11:38:21 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD32959.D Vial: 2
Acq On : 25 Sep 2006 9:28 Operator: AG
Sample : 8330NG Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:16 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32944.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	141.012	121.520	E3	13.8	89
2	M	NITROGLYCERINE	2.051	1.985	E6	3.2	96

(#) = out of range SPCC's out = 0 CCC's out = 0
LCD32944.D 6818NGPT.M Wed Oct 04 11:37:32 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32944.D Vial: 16
Acq On : 23 Sep 2006 10:02 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:28 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.16	30379959	215.443	PPB	m
Spiked Amount 300.000		Recovery =	71.81%		
Target Compounds					
2) M NITROGLYCERINE	21.56	19845284	9.676	PPM	m

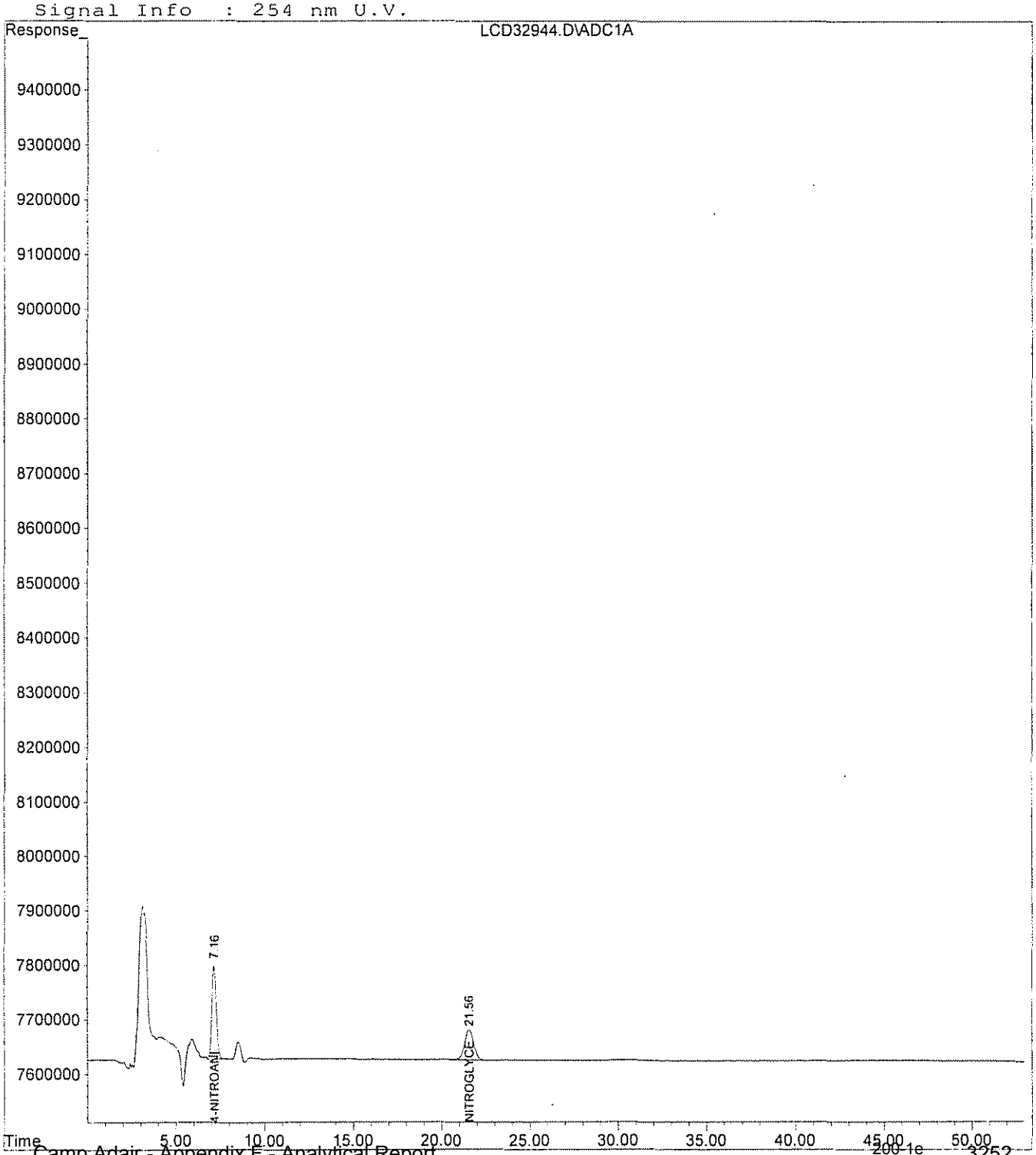
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32944.D 6818NGPT.M Wed Oct 04 11:37:38 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32944.D Vial: 16
Acq On : 23 Sep 2006 10:02 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 23 11:28 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration

Continuing Calibration File: LCD32932.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	141.012	120.588	E3	14.5	88
2	M	NITROGLYCERINE	2.051	1.927	E6	6.0	93

(#) = out of range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32932.D Vial: 4
Acq On : 22 Sep 2006 22:34 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 8:46 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.16	30146996	213.791 PPB
Spiked Amount 300.000		Recovery =	71.26%
Target Compounds			
2) M NITROGLYCERINE	21.55	19272068	9.396 PPM

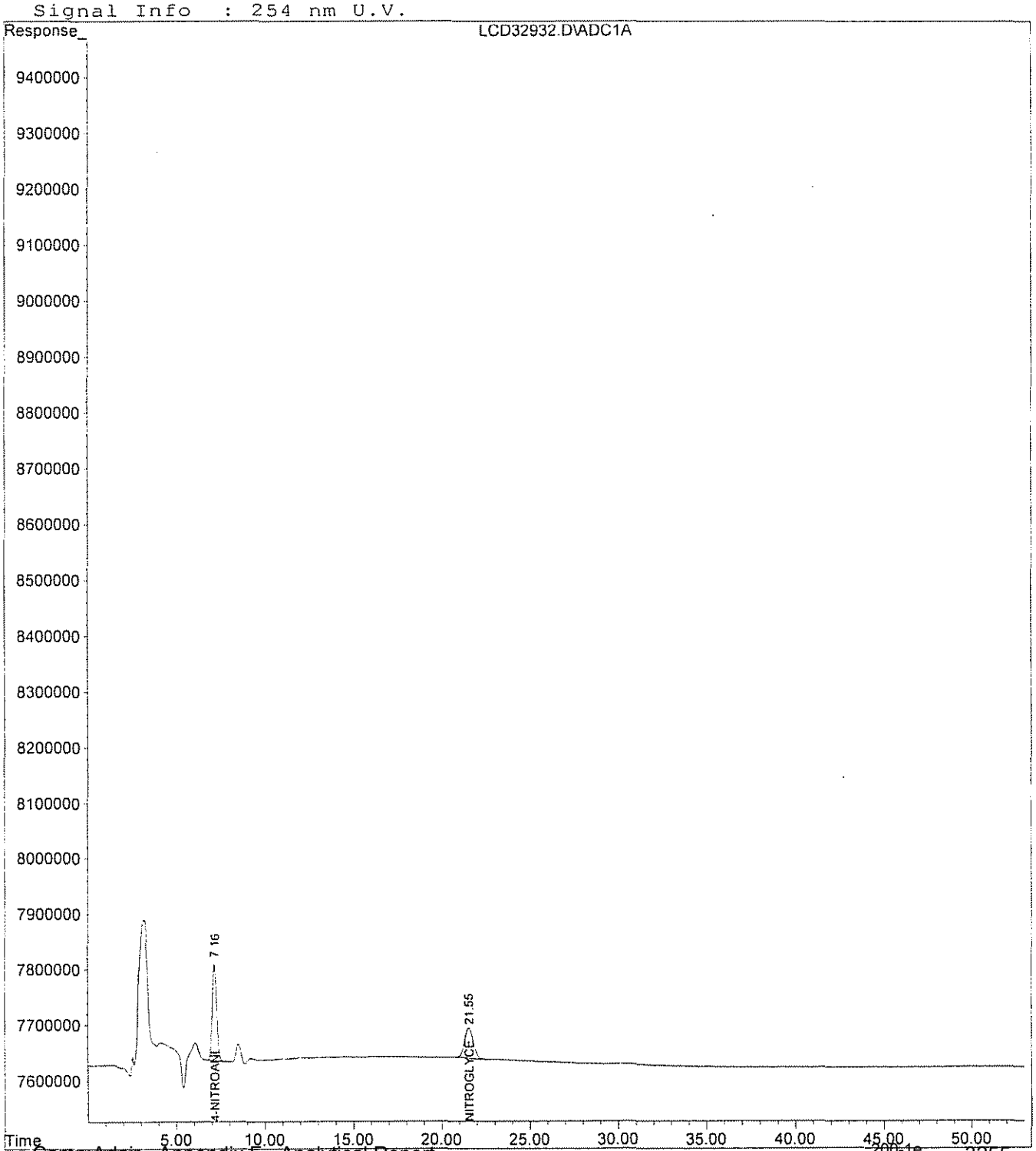
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32932.D 6818NGPT.M Wed Oct 04 11:37:09 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32932.D Vial: 4
Acq On : 22 Sep 2006 22:34 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 8:46 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93813

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93813
Sample Volume :	10	Lab File ID :	LCD32938.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
Injection Volume :	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
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
BLK93818

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93818
Sample Volume :	10	Lab File ID :	LCD32938.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
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
55-63-0	Nitroglycerine	4.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32938.D Vial: 10
Acq On : 23 Sep 2006 4:18 Operator: AG
Sample : BLK93813 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 11:33 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

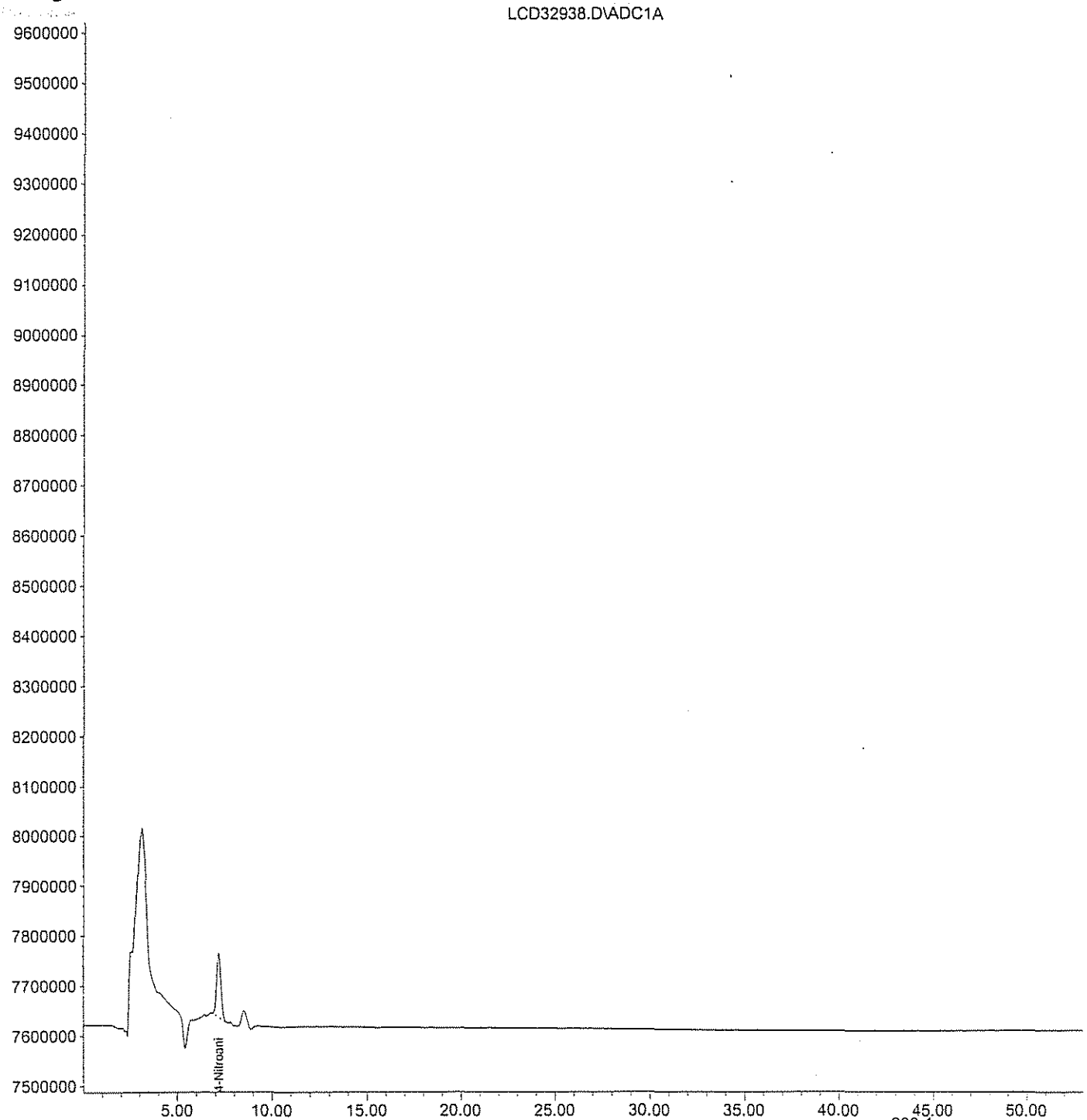
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.17	20439489	152.805	ng/mlm
Spiked Amount		150.000	Range 52 - 154	Recovery	= 101.87%	
		Target Compounds				
1)	T	HMX	0.00	0	N.D.	ng/ml
3)	T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4)	T	Tetryl	0.00	0	N.D.	ng/ml
5)	T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7)	T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8)	T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9)	M	RDX	0.00	0	N.D.	ng/ml
10)	M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11)	M	Nitrobenzene	0.00	0	N.D.	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13)	M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14)	M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15)	M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32938.D Vial: 10
Acq On : 23 Sep 2006 4:18 Operator: AG
Sample : BLK93813 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 11:33 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\LCD\092206\0922NG\LCD32938.D Vial: 10
Acq On : 23 Sep 2006 4:18 Operator: AG
Sample : BLK93818 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

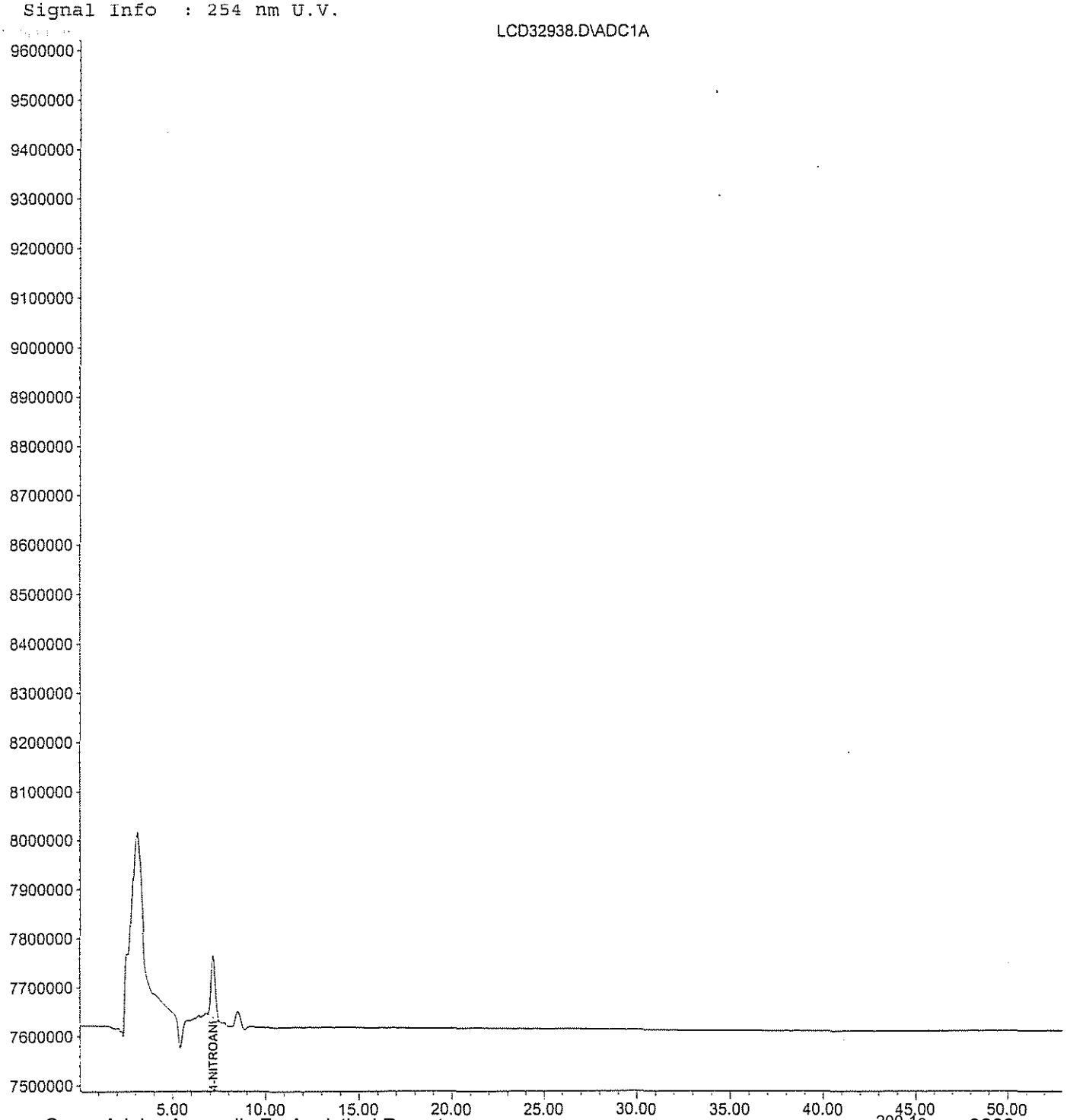
Compound	R.T.	Response	Conc	Units	
System Monitoring Compounds					
1) S 4-NITROANILINE	7.17	20131575	142.765	PPB	m
Spiked Amount 300.000		Recovery =	47.59%		
Target Compounds					
2) M NITROGLYCERINE	0.00	0	N.D.	PPM	

Quantitation Report

Data File : H:\LCDATA\LCD\092206\0922NG\LCD32938.D Vial: 10
Acq On : 23 Sep 2006 4:18 Operator: AG
Sample : BLK93818 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 I
ANALYSIS DATA SHEET

SAMPLE NO
A056 NWO-017-0043MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MS
Sample Volume :	10.02	Lab File ID :	LCD32940.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
Injection Volume :	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
99-35-4	1,3,5-Trinitrobenzene	0.38	
99-65-0	1,3-Dinitrobenzene	0.40	
118-96-7	2,4,6-Trinitrotoluene	0.40	
121-14-2	2,4-Dinitrotoluene	0.38	
606-20-2	2,6-Dinitrotoluene	0.39	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.37	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.32	
2691-41-0	HMX	0.42	
98-95-3	Nitrobenzene	0.39	
121-82-4	RDX	0.35	
479-45-8	Tetryl	0.30	
99-08-1	m-Nitrotoluene	0.40	
88-72-2	o-Nitrotoluene	0.40	
99-99-0	p-Nitrotoluene	0.39	

CORR002908_01.09_0507_a

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MSD
Sample Volume :	10.03	Lab File ID :	LCD32961.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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	11	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32940.D Vial: 12
Acq On : 23 Sep 2006 6:13 Operator: AG
Sample : 609053-002-003-1/2MS Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 7:56 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

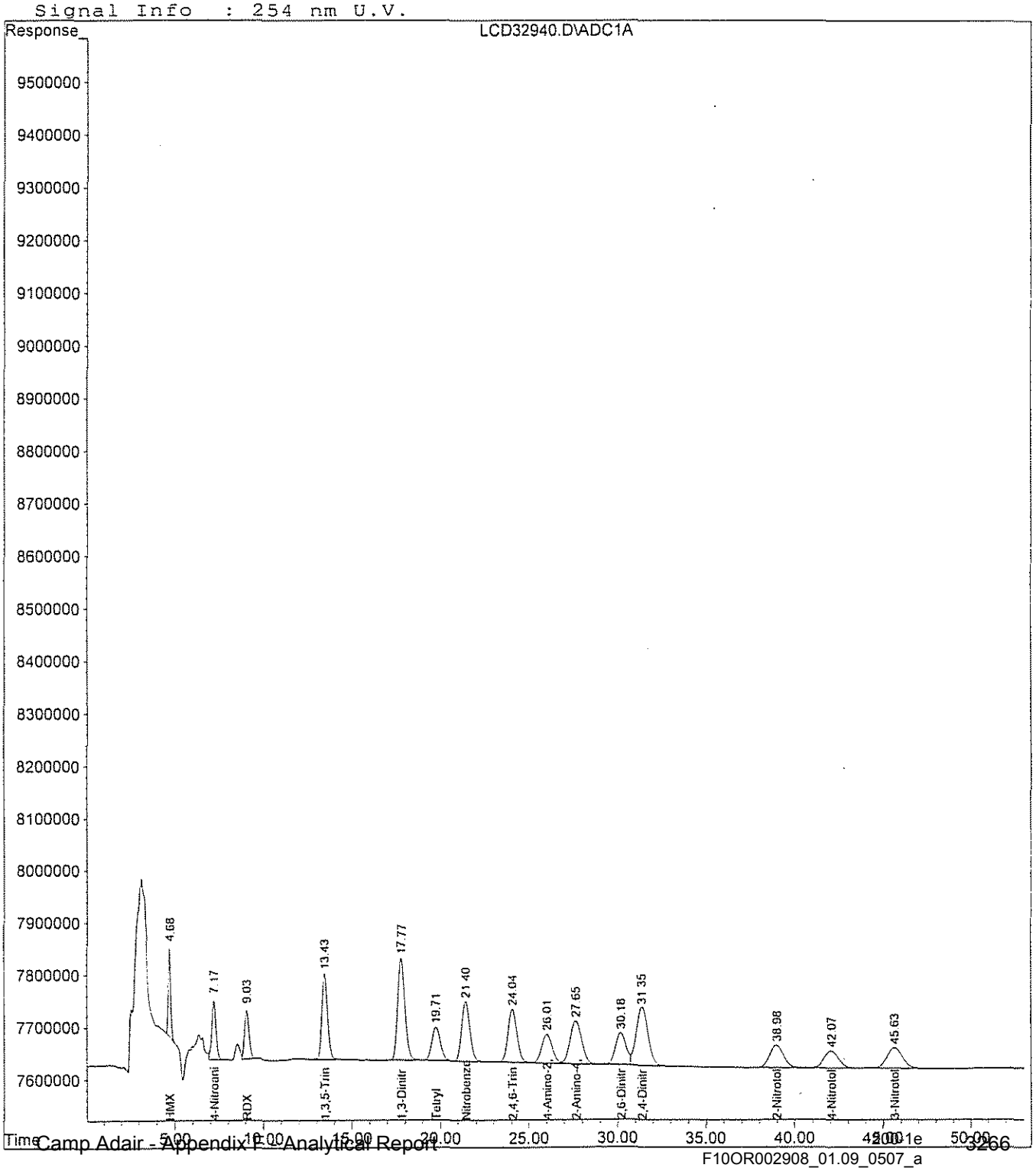
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.17	18954034	141.700	ng/mlm
Spiked Amount 150.000 Range 52 - 154 Recovery = 94.47%						
Target Compounds						
1)	T	HMX	4.68	15787191	106.067	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.43	37249236	94.139	ng/mlm
4)	T	Tetryl	19.72	20983804	76.644	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.05	36249251	99.233	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.01	23205885	80.329	ng/ml
7)	T	2,6-Dinitrotoluene	30.17	25503723	97.848	ng/ml
8)	T	4-Nitrotoluene	42.05	18971985	98.430	ng/ml
9)	M	RDX	9.03	16609699	88.104	ng/ml
10)	M	1,3-Dinitrobenzene	17.77	54803399	100.018	ng/ml
11)	M	Nitrobenzene	21.40	36919665	97.770	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.65	36823820	93.715	ng/ml
13)	M	2,4-Dinitrotoluene	31.37	50550323	94.109	ng/ml
14)	M	2-Nitrotoluene	38.95	22980331	99.633	ng/ml
15)	M	3-Nitrotoluene	45.63	24426896	99.706	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32940.D Vial: 12
Acq On : 23 Sep 2006 6:13 Operator: AG
Sample : 609053-002-003-1/2MS Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 7:56 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\LCD\092506\0925NG\LCD32961.D Vial: 4
Acq On : 25 Sep 2006 11:22 Operator: AG
Sample : 609053-002-003-1/2MSD Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:33 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.31	10623703	75.339 PPB m
Spiked Amount 300.000		Recovery =	25.11%
Target Compounds			
2) M NITROGLYCERINE	22.05	5556400	2.709 PPM m

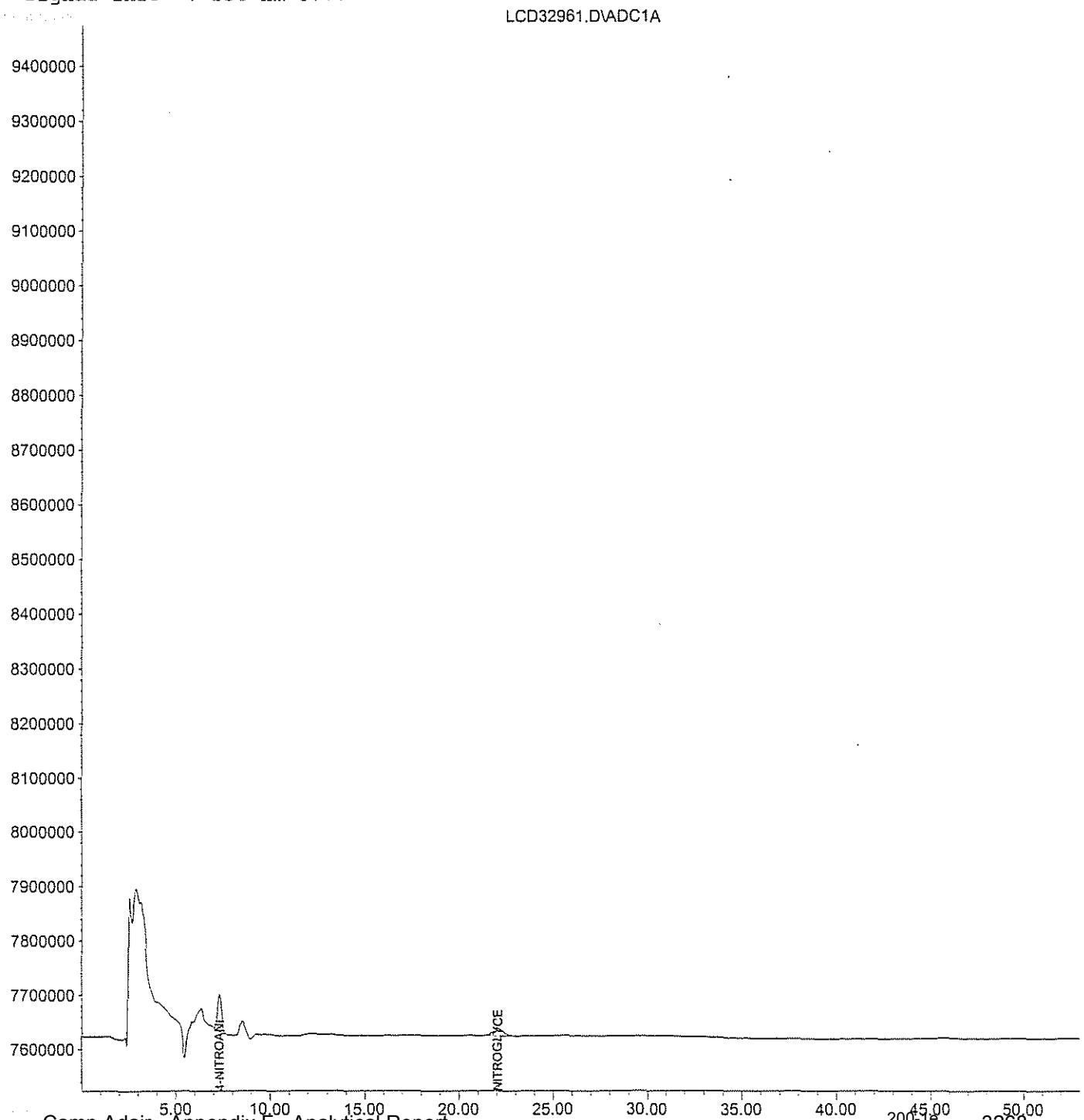
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32961.D 6818NGPT.M Wed Sep 27 12:59:32 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32961.D Vial: 4
Acq On : 25 Sep 2006 11:22 Operator: AG
Sample : 609053-002-003-1/2MSD Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:33 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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
A056 NWO-017-0043MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MSD
Sample Volume :	10.01	Lab File ID :	LCD32941.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
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	0.37	
99-65-0	1,3-Dinitrobenzene	0.40	
118-96-7	2,4,6-Trinitrotoluene	0.41	
121-14-2	2,4-Dinitrotoluene	0.37	
606-20-2	2,6-Dinitrotoluene	0.40	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.37	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.34	
2691-41-0	HMX	0.37	
98-95-3	Nitrobenzene	0.39	
121-82-4	RDX	0.31	
479-45-8	Tetryl	0.30	
99-08-1	m-Nitrotoluene	0.40	
88-72-2	o-Nitrotoluene	0.41	
99-99-0	p-Nitrotoluene	0.40	

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
A056 NWO-017-0043MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MS
Sample Volume :	10.01	Lab File ID :	LCD32960.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/25/2006
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
55-63-0	Nitroglycerine	11	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32941.D Vial: 13
Acq On : 23 Sep 2006 7:10 Operator: AG
Sample : 609053-002-003-1/2MSD Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 7:58 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

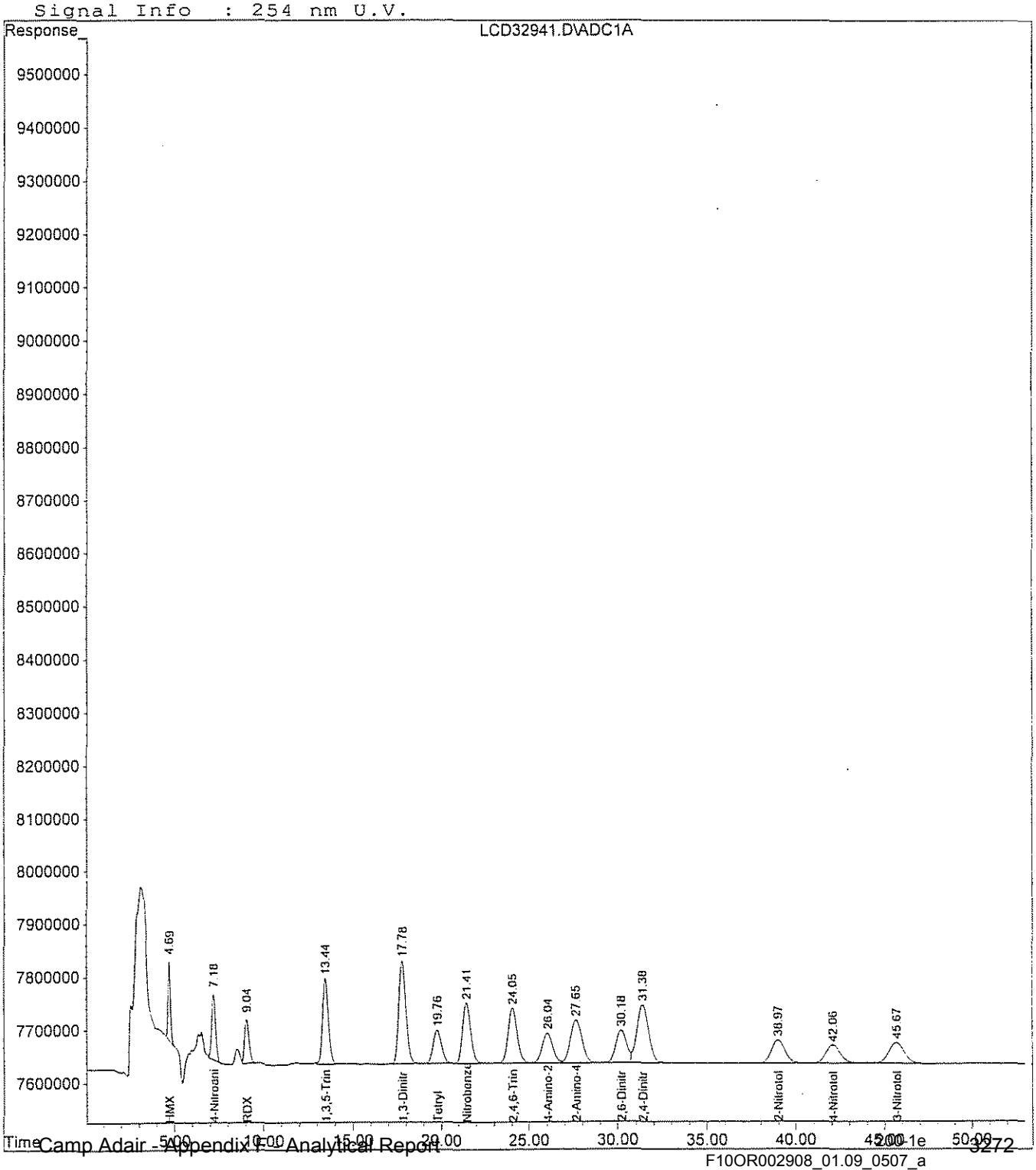
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.18	18964412	141.778	ng/ml
Spiked Amount		150.000	Range	52 - 154	Recovery =	94.52%
		Target Compounds				
1)	T	HMX	4.69	13946622	93.701	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.44	36653385	92.633	ng/mlm
4)	T	Tetryl	19.75	20681822	75.541	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.05	37642912	103.048	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.03	24274793	84.029	ng/ml
7)	T	2,6-Dinitrotoluene	30.19	26061827	99.990	ng/ml
8)	T	4-Nitrotoluene	42.07	19456516	100.944	ng/ml
9)	M	RDX	9.04	14534267	77.095	ng/ml
10)	M	1,3-Dinitrobenzene	17.78	54354179	99.198	ng/ml
11)	M	Nitrobenzene	21.41	37006897	98.001	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.66	36500802	92.893	ng/ml
13)	M	2,4-Dinitrotoluene	31.38	50182713	93.425	ng/ml
14)	M	2-Nitrotoluene	38.97	23540616	102.062	ng/ml
15)	M	3-Nitrotoluene	45.65	24647278	100.606	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32941.D Vial: 13
Acq On : 23 Sep 2006 7:10 Operator: AG
Sample : 609053-002-003-1/2MSD Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 7:58 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32941.D 6624833.M Tue Oct 03 08:00:58 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32960.D Vial: 3
Acq On : 25 Sep 2006 10:25 Operator: AG
Sample : 609053-002-003-1/2MS Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:52 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.28	10789472	76.515	PPB	m
Spiked Amount 300.000		Recovery =	25.51%		
Target Compounds					
2) M NITROGLYCERINE	22.12	5741386	2.799	PPM	m

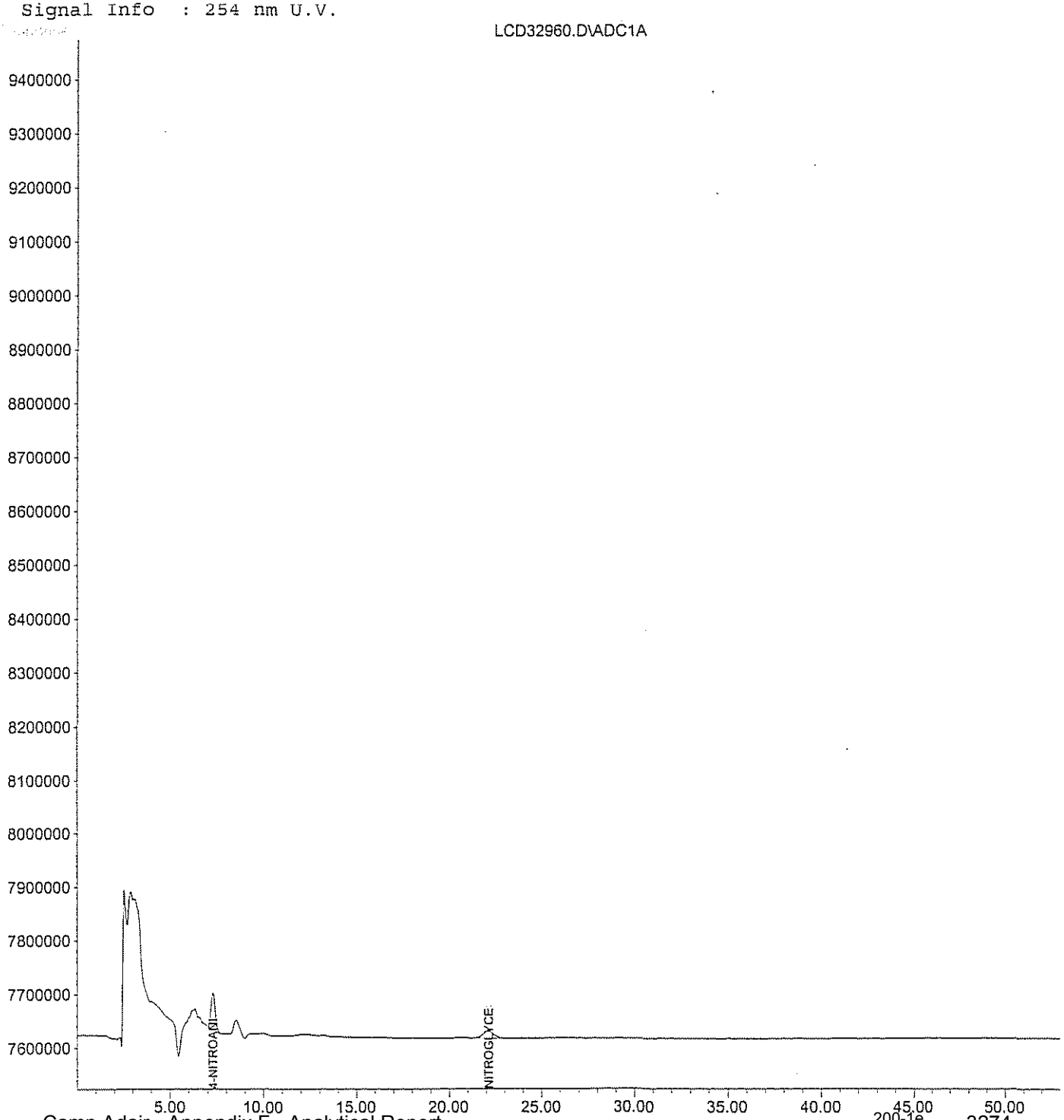
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32960.D 6818NGPT.M Wed Sep 27 12:59:31 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD32960.D Vial: 3
Acq On : 25 Sep 2006 10:25 Operator: AG
Sample : 609053-002-003-1/2MS Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:52 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 I
ANALYSIS DATA SHEET

SAMPLE NO
BKS93813

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93813
Sample Volume :	10	Lab File ID :	LCD32939.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
Injection Volume :	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
99-35-4	1,3,5-Trinitrobenzene	0.37	
99-65-0	1,3-Dinitrobenzene	0.46	
118-96-7	2,4,6-Trinitrotoluene	0.46	
121-14-2	2,4-Dinitrotoluene	0.44	
606-20-2	2,6-Dinitrotoluene	0.46	
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.45	
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.43	
2691-41-0	HMX	0.45	
98-95-3	Nitrobenzene	0.44	
121-82-4	RDX	0.45	
479-45-8	Tetryl	0.33	
99-08-1	m-Nitrotoluene	0.48	
88-72-2	o-Nitrotoluene	0.48	
99-99-0	p-Nitrotoluene	0.46	

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BKS93818

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93818
Sample Volume :	10	Lab File ID :	LCD32942.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/23/2006
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
55-63-0	Nitroglycerine	10	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092206\LCD32939.D Vial: 11
Acq On : 23 Sep 2006 5:15 Operator: AG
Sample : BKS93813 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 7:54 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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	20974703	156.807	ng/ml
Spiked Amount 150.000 Range 52 - 154 Recovery = 104.54%						
Target Compounds						
1)	T	HMX	4.69	16862899	113.294	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.43	36979953	93.459	ng/mlm
4)	T	Tetryl	19.74	22470538	82.074	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.04	42440674	116.182	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	26.00	31080633	107.588	ng/ml
7)	T	2,6-Dinitrotoluene	30.17	30336520	116.390	ng/ml
8)	T	4-Nitrotoluene	42.04	22054503	114.423	ng/ml
9)	M	RDX	9.03	21019652	111.496	ng/ml
10)	M	1,3-Dinitrobenzene	17.77	62888457	114.773	ng/ml
11)	M	Nitrobenzene	21.40	41157504	108.993	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.64	44591452	113.483	ng/ml
13)	M	2,4-Dinitrotoluene	31.37	59283511	110.368	ng/ml
14)	M	2-Nitrotoluene	38.94	27714736	120.159	ng/ml
15)	M	3-Nitrotoluene	45.65	29129363	118.901	ng/ml

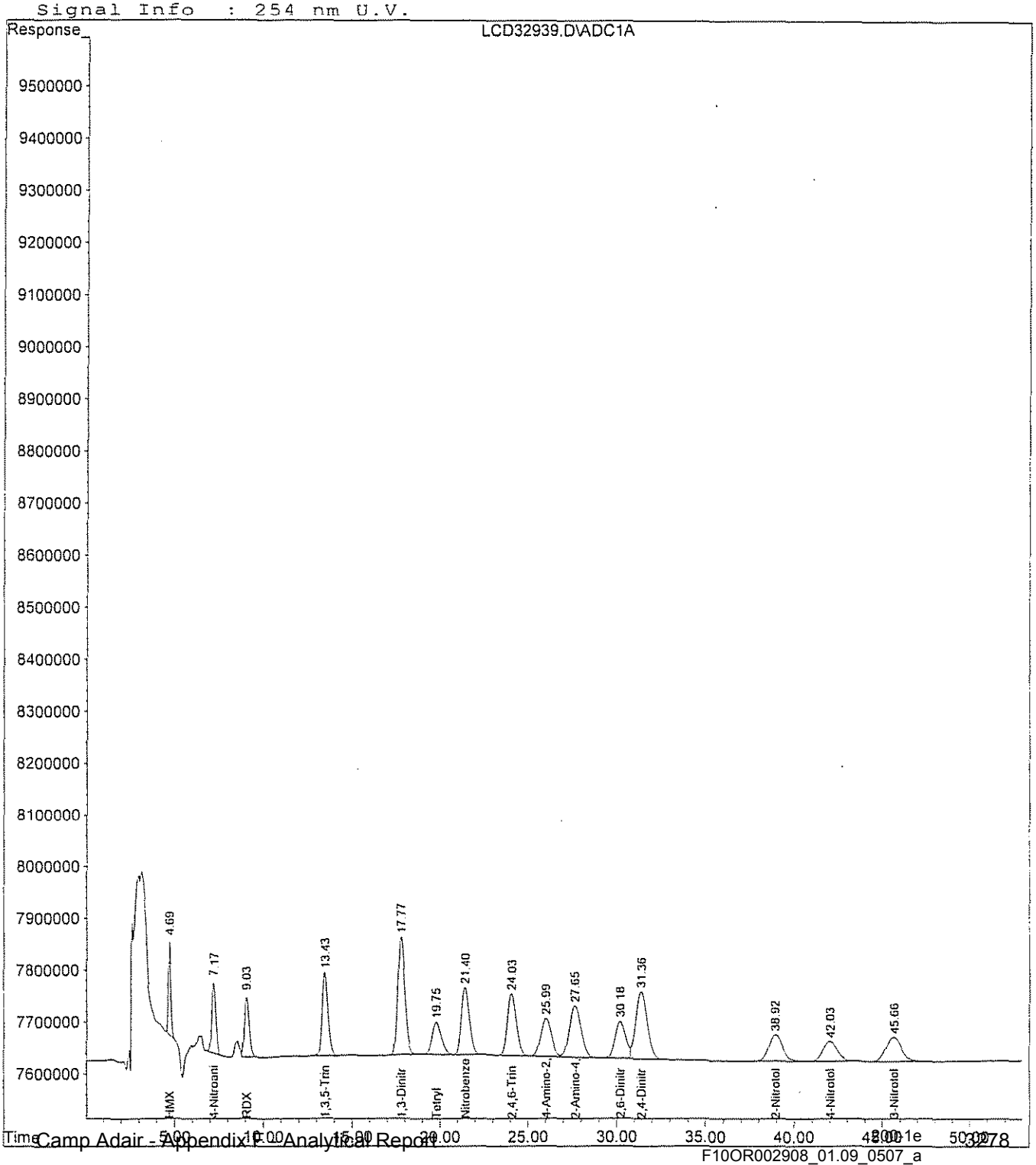
Quantitation Report

Data File : H:\LCDATA\LCD\092206\LCD32939.D
Acq On : 23 Sep 2006 5:15
Sample : BKS93813
Misc : SOIL
IntFile : events.e
Quant Time: Oct 3 7:54 2006 Quant Results File: 6624833.RES

Vial: 11
Operator: AG
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\LCD\092206\0922NG\LCD32942.D Vial: 14
Acq On : 23 Sep 2006 8:08 Operator: AG
Sample : BKS93818 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:14 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.17	21240168	150.627 PPB
Spiked Amount 300.000		Recovery =	50.21%
Target Compounds			
2) M NITROGLYCERINE	21.57	5220909	2.545 PPM m

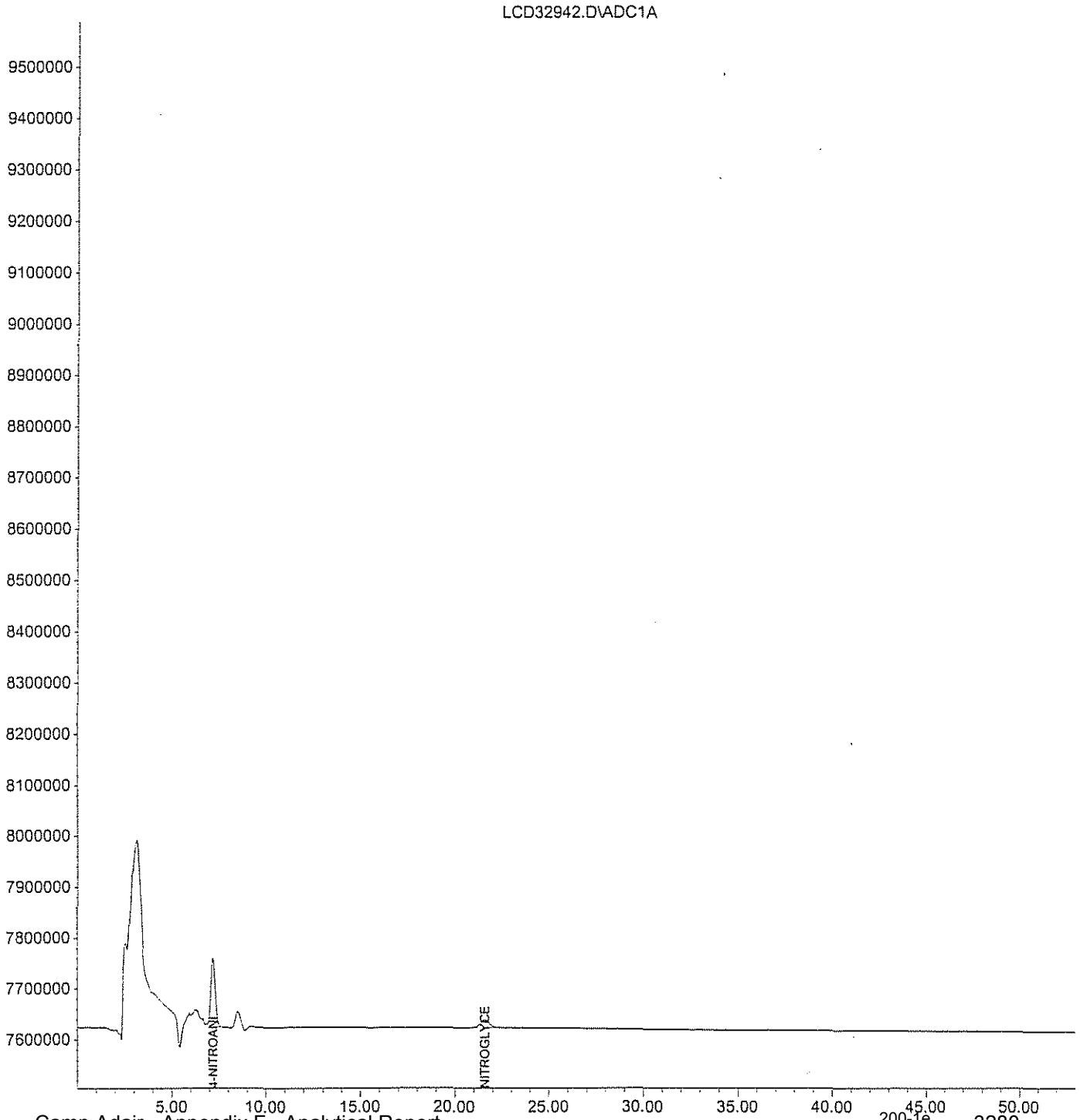
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32942.D 6818NGPT.M Thu Sep 28 10:27:54 2006 A

Quantitation Report

Data File : H:\LCDATA\LCD\092206\0922NG\LCD32942.D Vial: 14
Acq On : 23 Sep 2006 8:08 Operator: AG
Sample : BKS93818 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 12:14 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
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: DS 09/19/06 Client: Shaw E&I Inc. and USACE

Analysis Method: 8330 + PETN + NG

Extraction Chemist: N.P Date: 9-18-06 Spike Witness: VT

Work Order	Fraction 93813	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
609053	BLK	10.00	1.0	—	40.0
	BKS1	10.00		1.0 + 0.4	
	002 MS1	10.02			
	002 MSD1	10.01			
	BKS2	10.00		1.0	
	002 MS2	10.01			
	002 MSD2	10.03			
	001	10.03		—	
	002	10.00			
	003	10.02			
	010	10.01			
	011	10.00			
609054	002	10.00			
	003	10.03			
	004	10.02			
	005	10.00			
609031	001	10.00			

DS 9/19/06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 051296 Matrix Spike #: 37629 Matrix Spike Conc.: 5.0 ppm

Surrogate Solution #: 37212 Matrix Spike #: 37353 PETN Matrix Spike Conc.: 100 ppm

Surrogate Conc.(s): 6 ppm Matrix Spike #: 37354 NG Matrix Spike Conc.: 100 ppm

Calcium Chloride#: 37063 Sodium Sulfate#: — Sand#: 43007309

Sodium Chloride#: —

Comments & Observations: Xenco 93813 for 8330 A Soil for WO's 609053, 609054, 609031

~~X Xenco 93814 for 8330 Soil 609031 DS~~

~~Xenco 93814 for 8330 Petn (S) 609053, 609054 & 609031~~

Xenco 93818 for 8330NG (S) 609053, 609054 & 609031

LcB C.

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B 8 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):	515HPLC.	Flow Rate:	1.0 mL/min.
Autosampler:	717 plus.	Detector Wavelength:	254
Column:	CN.	Injection Volume:	100 µL

ICAL Method: 6802NG GenC Analyst: AG. Reviewed by: [illegible] 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

HPLC ANALYSIS LOGBOOK

Lcb

Instrument ID: LC #B 8330 Comb 073006C

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: 073006C 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

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Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 Mix	37486	1000 PPM	07/21/06
	4-nitroaniline	37239	1000 PPM	07/24/06
	nitroglycerine	37153	37153	06/15/06
AG 7/06/06	~~8330 FCD~~	-	100 PPM	
	8330 ICV	37554	200/10 PPM	07/28/06

GPL Laboratories, LLLP *Document Control No: GP_L_073*

LcD P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

NG 6818NGPT

Method File: h:\lcdata\lcd\methods	Data File Path: h:\lcdata\lcd\081806
Detector/ Wavelength: UV 254 nm	Mobile Phase:
Injection Volume: 100 ul	Flow Rate: 0.9 ml/min

ICAL: 6818NGPT Analyst: JC Reviewed by: ST Date: 09/12/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LCD						
LCD						
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LCD						
LCD	This curve was run before on 09/15/06					
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LCD						
LCD						

Injection Log

Directory: h:\lcdata\lcd\081806

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	lcd32276.d	1.	BLK	ICAL	18 Aug 106 12::3
2	2	lcd32277.d	1.	NG/PETN-BLK	ICAL	18 Aug 106 12::3
3	3	lcd32278.d	1.	NG/PETN-LEV1	ICAL	18 Aug 106 13::3
4	4	lcd32279.d	1.	NG/PETN-LEV2	ICAL	18 Aug 106 13::2
5	5	lcd32280.d	1.	NG/PETN-LEV3	ICAL	19 Aug 106 13::2
6	6	lcd32281.d	1.	NG/PETN-LEV4	ICAL	19 Aug 106 12::2
7	7	lcd32282.d	1.	NG/PETN-LEV5	ICAL	19 Aug 106 12::2

Remarks	Standard	Solution ID	Conc.	Date Prep.
~~I # 91723 NG (S)~~ NG	09/13/06			
I # 91724 NG (S)	8330 NG	37153	100ppm	06/15/06
	4-nitro aniline	37239	10ppm	06/24/06

GPL Laboratories, LLLP *Document Control No: GP_L_073*

Lcd P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

8330 6624833

Method File: h:\lcdata\lcd\methods	Data File Path: h:\lcdata\lcd\062406
Detector/ Wavelength: UV 254 nm	Mobile Phase: 8330 - 449-58-22
Injection Volume: 100 ul	Flow Rate: 0.9 ml/min

ICAL: 6624833 H Analyst: S.S Reviewed by: AG Date: 09/11/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LCD 3111 5	8330 mix - BLK	06/24/06	1	C8	e Cal	
LCD 16	-LEV 1					
LCD 17	-LEV 2					
LCD 18	-LEV 3					
LCD 19	-LEV 4					
LCD 20	-LEV-5					
LCD 21	-LEV 6					
LCD 22	-ICV					
LCD 23	8330 mix					
LCD 24	BLK 82247				Soil	
LCD 25	BKS					
LCD 26	606142-001-001-1/2 MS					
LCD 27	-001-001-1/2 MSD					
LCD 28	-001-001-1/2	06/25/06				
LCD 29	-002-002-1/2					
LCD 30	-003-003-1/2					
LCD 31	-004-004-1/2					
LCD 32	-005-005-1/2					
LCD 33	-006-006-1/2					
LCD 34	8330 mix				STD	
LCD 35	606142-007-007-1/2				Soil	
LCD 36	-008-008-1/2					
LCD 37	-009-009-1/2					
LCD 38	-010-010-1/2					
LCD 39	-012-012-1/2					
LCD 40	-012-012-1/2					
LCD 41	-013-013-1/2					

Remarks	Standard	Solution ID	Conc.	Date Prep.
~~8330 89799 (w)~~	8330 mix	37204	10/20 ppm	06/19/06
~~89922~~				
8330A 89923				

HPLC ANALYSIS LOGBOOK

Instrument ID: LC #B

Method File: h:\lcdata\lcb\methods	Data File Path: h:\lcdata\lcb\092706
Detector(s): UV S.S. 515 water	Mobile Phase: 8330 - Conf. - L49-62-33
Pump(s): S.S. 515 water	Flow Rate: 1.00 ml/min
Autosampler: 717 water	Detector Wavelength: 254 nm
Column: polar	Injection Volume: 100 ul

ICAL Method: 0700bc Analyst: AC Reviewed by: S.S. Date: 09/28/06

Injection Log

Directory: h:\lcdata\lcb\092706

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		lb36409.d	1.			
2	2	lb36410.d	1.	8330MIX	CCAL	27 Sep 106 12::
3	3	lb36411.d	1.	8330NG	CCAL	27 Sep 106 12::
4	4	lb36412.d	1.	609057-001	SOIL	27 Sep 106 12::
5	5	lb36413.d	1.	609084-005	SOIL	27 Sep 106 12::
6	6	lb36414.d	1.	609053-001	SOIL	27 Sep 106 12::
7	7	lb36415.d	1.	609053-002	SOIL	27 Sep 106 12::
8	8	lb36416.d	1.	609053-003	SOIL	27 Sep 106 12::
9	9	lb36417.d	1.	609053-010	SOIL	27 Sep 106 12::
10	10	lb36418.d	1.	609053-011	SOIL	27 Sep 106 12::
11	11	lb36419.d	1.	609054-002	SOIL	27 Sep 106 12::
12	12	lb36420.d	1.	609054-003	SOIL	27 Sep 106 13::
13	13	lb36421.d	1.	609054-004	SOIL	27 Sep 106 13::
14	14	lb36422.d	1.	609054-005	SOIL	27 Sep 106 13::
15	15	lb36423.d	1.	8330MIX	C CAL	28 Sep 106 13::
16	16	lb36424.d	1.	8330NG	C CAL	28 Sep 106 12::
17	17	lb36425.d	1.	609030-001	SOIL	28 Sep 106 12::
18	18	lb36426.d	1.	609030-002	SOIL	28 Sep 106 12::
19	19	lb36427.d	1.	8330MIX	C CAL	28 Sep 106 12::

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Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 mix	37909	10/20 ppm	08/22/06
	NG STD	38189	100 ppm	09/18/06
	4-Nitroaniline	37558	10 ppm	07/27/06

HPLC ANALYSIS LOGBOOK

Instrument ID: **LC # D** (HP1100)

Method File: h:\lcdata\lcd\methods		
Detector/ Wavelength:	UV	254 nm
Injection Volume:	100	ul

Data File Path: h:\lcdata\lcd\091906
Mobile Phase: 8330-249-62-11
Flow Rate: 0.9 ml/min

ICAL: 1624833 Analyst: AC Reviewed by: S.S. Date: 09/25/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments

Injection Log

Directory: h:\lcdata\lcd\092206

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		lcd32931.d	1.	8330MIX		
2	4	lcd32932.d	1.	8330NG	CCAL	22 Sep 106 13::
3	5	lcd32933.d	1.	BLK93846	SOIL	22 Sep 106 13::
4	6	lcd32934.d	1.	BKS93846	SOIL	23 Sep 106 13::
5	7	lcd32935.d	1.	BKS93847	SOIL	23 Sep 106 12::
6	8	lcd32936.d	1.	609090-001-009-1/1	SOIL	23 Sep 106 12::
7	9	lcd32937.d	1.	609090-002-010-1/1	SOIL	23 Sep 106 12::
8	10	lcd32938.d	1.	BLK93813	SOIL	23 Sep 106 12::
9	11	lcd32939.d	1.	BKS93813	SOIL	23 Sep 106 12::
10	12	lcd32940.d	1.	609053-002-003-1/2MS	SOIL	23 Sep 106 12::
11	13	lcd32941.d	1.	609053-002-003-1/2MSD	SOIL	23 Sep 106 12::
12	14	lcd32942.d	1.	BKS93813	SOIL	23 Sep 106 12::
13	15	lcd32943.d	1.	8330MIX	CCAL	23 Sep 106 12::
14	16	lcd32944.d	1.	8330NG	CCAL	23 Sep 106 13::
15	17	lcd32945.d	1.	609053-002-003-1/2MS	SOIL	23 Sep 106 13::
16	18	lcd32946.d	1.	609053-002-003-1/2MSD	SOIL	23 Sep 106 13::
17	19	lcd32947.d	1.	609053-001-001-1/2	SOIL	23 Sep 106 13::
18	20	lcd32948.d	1.	609053-002-003-1/2	SOIL	23 Sep 106 12::
19	21	lcd32949.d	1.	609053-003-005-1/2	SOIL	23 Sep 106 12::
20	22	lcd32950.d	1.	609053-010-007-1/2	SOIL	23 Sep 106 12::
21	1	lcd32951.d	1.	609053-011-009-1/2	SOIL	23 Sep 106 12::
22	2	lcd32952.d	1.	609031-001-002-1/1	SOIL	23 Sep 106 12::
23	3	lcd32953.d	1.	609054-002-008-1/2	SOIL	23 Sep 106 12::
24	4	lcd32954.d	1.	609054-003-010-1/2	SOIL	23 Sep 106 12::
25	5	lcd32955.d	1.	BLK	ACN	23 Sep 106 13::
26	6	lcd32956.d	1.	8330MIX	CCAL	23 Sep 106 13::
27	7	lcd32957.d	1.	8330NG	CCAL	24 Sep 106 13::

LCD						
LCD						
LCD						
LCD						
LCD						
LCD						

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330-mix	37909	10/20 ppm	08/22/06
	4-Nitroaniline	37259	10 ppm	06/04/06
	NG	37153	100 ppm	06/15/06

HPLC ANALYSIS LOGBOOK

Instrument ID: **LC # D** (HP1100)

Method File: h:\lcdata\lcd\methods	Data File Path: h:\lcdata\lcd\0925.6
Detector/ Wavelength: UV 254 nm	Mobile Phase: 8330-449-
Injection Volume: 100 ul	Flow Rate: 0.9 ml/min

ICAL: 6624833 Analyst: AC Reviewed by: S.S. Date: 10/02/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LCD						

Injection Log

Directory: h:\lcdata\lcd\092506

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		lcd32958.d	1.	8330 MIX		
2	2	lcd32959.d	1.	8330NG	SOIL	25 Sep 106 12:::
3	3	lcd32960.d	1.	609053-002-003-1/2MS	SOIL	25 Sep 106 13:::
4	4	lcd32961.d	1.	609053-002-003-1/2MSD	SOIL	25 Sep 106 13:::
5	5	lcd32962.d	1.	609053-001-001-1/2	SOIL	25 Sep 106 13:::
6	6	lcd32963.d	1.	609053-002-003-1/2	SOIL	25 Sep 106 12:::
7	7	lcd32964.d	1.	609053-003-005-1/2	SOIL	25 Sep 106 12:::
8	8	lcd32965.d	1.	609053-010-007-1/2	SOIL	25 Sep 106 12:::
9	9	lcd32966.d	1.	609053-011-009-1/2	SOIL	25 Sep 106 12::(
10	10	lcd32967.d	1.	609031-001-002-1/1	SOIL	25 Sep 106 12::(
11	11	lcd32968.d	1.	609054-002-008-1/2	SOIL	25 Sep 106 12::(
12	12	lcd32969.d	1.	609054-003-010-1/2	SOIL	25 Sep 106 12::(
13	13	lcd32970.d	1.	BLK	ACN	25 Sep 106 12::(
14	14	lcd32971.d	1.	8330MIX	CCAL	25 Sep 106 12::(
15	15	lcd32972.d	1.	8330NG	CCAL	25 Sep 106 12::!
16	16	lcd32973.d	1.	609054-004-012-1/2	SOIL	25 Sep 106 13::!
17	17	lcd32974.d	1.	609054-005-014-1/2	SOIL	25 Sep 106 13::!
18	18	lcd32975.d	1.	BLK93635	WATER	26 Sep 106 13::!
19	19	lcd32976.d	1.	BKS93635	WATER	26 Sep 106 12::.
20	20	lcd32977.d	1.	BKSD93635	WATER	26 Sep 106 12::.
21	21	lcd32978.d	1.	BKS93636	WATER	26 Sep 106 12::.
22	22	lcd32979.d	1.	BKSD93636	WATER	26 Sep 106 12::.
23	23	lcd32980.d	1.	608184-001-001-1/2	WATER	26 Sep 106 12:::
24	24	lcd32981.d	1.	BLK93737	WATER	26 Sep 106 12:::
25	25	lcd32982.d	1.	BKS93737	WATER	26 Sep 106 12:::
26	26	lcd32983.d	1.	BLK	ACN	26 Sep 106 12:::
27	27	lcd32984.d	1.	8330MIX	CCAL	26 Sep 106 12:::
28	28	lcd32985.d	1.	8330NG	CCAL	26 Sep 106 13:::
29	29	lcd32986.d	1.	BKSD93737	WATER	26 Sep 106 13:::
30	30	lcd32987.d	1.	609055-002-077-1/2	WATER	26 Sep 106 13:::
31	31	lcd32988.d	1.	609055-003-079-1/2	WATER	26 Sep 106 12:::
32	32	lcd32989.d	1.	609055-011-081-1/2	WATER	26 Sep 106 12:::
33	33	lcd32990.d	1.	609060-001-010-1/8	WATER	26 Sep 106 12:::
34	34	lcd32991.d	1.	609060-002-018-1/8	WATER	26 Sep 106 12::(
35	35	lcd32992.d	1.	609060-003-026-1/8	WATER	26 Sep 106 12::(
36	36	lcd32993.d	1.	BLK93819	SOIL	26 Sep 106 12::(
37	37	lcd32994.d	1.	BKS93819	SOIL	26 Sep 106 12::(
38	38	lcd32995.d	1.	609057-001-004-1/1MS	SOIL	26 Sep 106 12::!
39	39	lcd32996.d	1.	BLK	ACN	26 Sep 106 12::!

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 mix	37909	10/20 ppm	08/22/06
	4 nitroaniline	37279	10 ppm	06/04/06
	NG	37153	100 ppm	06/15/06

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE:	LCD		
COLUMN:	C8	ANALYST	SS
DATE:	06/24/06-06/27/06	DATE	09/12/06

COMPOUND	LCD31123 Retent Time 1	LCD31145 Retent Time 2	LCD31167 Retent Time 3	AVG	Stand Dev	3X Stnd Dev	Average Peak Width	RT WINDOW
4-Nitroaniline(Surr.)	7.070	7.080	7.060	7.070	0.010	0.030	0.30	0.15
HMX	4.600	4.610	4.610	4.607	0.006	0.017	0.30	0.15
1,3,5-Trinitrobenzene	13.110	13.130	13.100	13.113	0.015	0.046	0.50	0.25
Tetryl	19.190	19.210	19.160	19.187	0.025	0.075	0.70	0.35
2,4,6-Trinitrotoluene	23.430	23.460	23.430	23.440	0.017	0.052	0.80	0.40
4-ADNT	25.330	25.370	25.310	25.337	0.031	0.092	0.80	0.40
2,6-Dinitrotoluene	29.400	29.480	29.430	29.437	0.040	0.121	0.80	0.40
4-Nitrotoluene	40.990	41.160	41.060	41.070	0.085	0.256	0.90	0.45
RDX	8.860	8.870	8.850	8.860	0.010	0.030	0.40	0.20
1,3-Dinitrobenzene	17.430	17.440	17.400	17.423	0.021	0.062	0.50	0.25
Nitrobenzene	20.970	20.990	20.960	20.973	0.015	0.046	0.50	0.25
2-ADNT	26.950	27.000	26.930	26.960	0.036	0.108	0.70	0.35
2,4-Dinitrotoluene	30.600	30.690	30.620	30.637	0.047	0.142	0.60	0.30
2-Nitrotoluene	37.930	38.090	38.000	38.007	0.080	0.241	0.80	0.40
3-Nitrotoluene	44.460	44.630	44.540	44.543	0.085	0.255	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: LCD CD32666 LCD3269 CD32713
COLUMN: C8 ANALYST SS
DATE: 09/11/2006-09/14/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	7.21	7.07	7.23	0.31	7.31	0.30	7.250	0.159	2.56	1.28
Nitroglycerine	21.93	21.96	21.94	0.51	22.31	0.53	22.060	0.650	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: 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 Dev	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	18.660	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.

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 : 609054**

Surrogate	NO2ANIL4
Lower QC Limits	31
Upper QC Limits	129
Sample ID	
A051 NWO-017-0039R	86
A052 NWO-017-0040R	94
A053 NWO-017-1009R	80
A057 NWO-017-1010R	105
BKS93814	108
BLK93814	118

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name : GPL Laboratories SDG NO : 609053 Method : SW8330

Lab Code : GPL Lab Sample ID : 609053-002-003-1/2MSD Matrix : SOIL Analysis Date : 09/26/2006

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	0.41	0.40	103	103	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
BKS93814

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

Contract. : Camp Addair - Shaw FUDS MMRP Site - 017
SDG NO : 609054
Lab Sample ID : BKS93814
Analysis Date : 09/26/2006

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
Pentaerythritol Tetranitrate	.4	0	0.40	100	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
BLK93814

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93814
Lab File ID :	E37955D.D	SDG NO :	609054
Date Analyzed	09/26/2006	Lab Sample ID :	BLK93814
Date Extracted :	09/18/2006	Time Analyzed :	18:58
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
BKS93814	BKS93814	E37956D.D	09/26/2006
A057 NWO-017-1010R	609054-002-008-1/2	E37964D.D	09/26/2006
A053 NWO-017-1009R	609054-003-010-1/2	E37967D.D	09/26/2006
A051 NWO-017-0039R	609054-004-012-1/2	E37968D.D	09/26/2006
A052 NWO-017-0040R	609054-005-014-1/2	E37969D.D	09/26/2006

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
A057 NWO-017-1010R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-002-008-1/2
Sample Volume :	10	Lab File ID :	E37964D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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\092606\E37964D.D Vial: 23
Acq On : 26 Sep 2006 22:10 Operator: ST.
Sample : 609054-002-008-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:33 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	4.34	40540890	157.246 PPB m
Spiked Amount 300.000		Recovery =	52.42%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

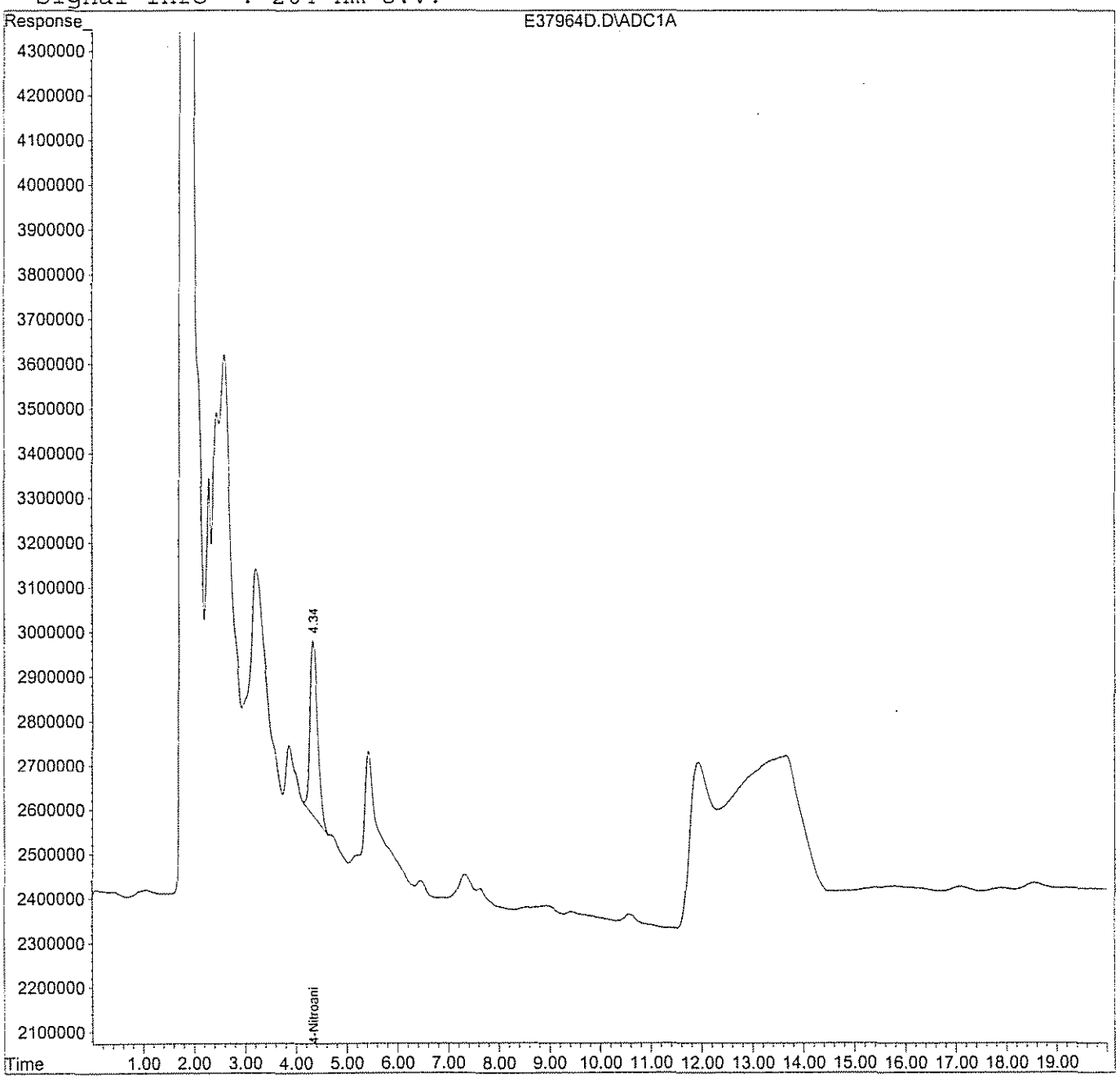
Camp Adair - Appendix F - Analytical Report 200-1e 8301
F10OR002908_01.09_0507_a

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37964D.D Vial: 23
Acq On : 26 Sep 2006 22:10 Operator: ST.
Sample : 609054-002-008-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:33 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
A053 NWO-017-1009R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-003-010-1/2
Sample Volume :	10.03	Lab File ID :	E37967D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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\092606\E37967D.D Vial: 26
Acq On : 26 Sep 2006 23:14 Operator: ST.
Sample : 609054-003-010-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:21 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	4.35	30848816	119.653 PPB
Spiked Amount 300.000		Recovery =	39.88%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

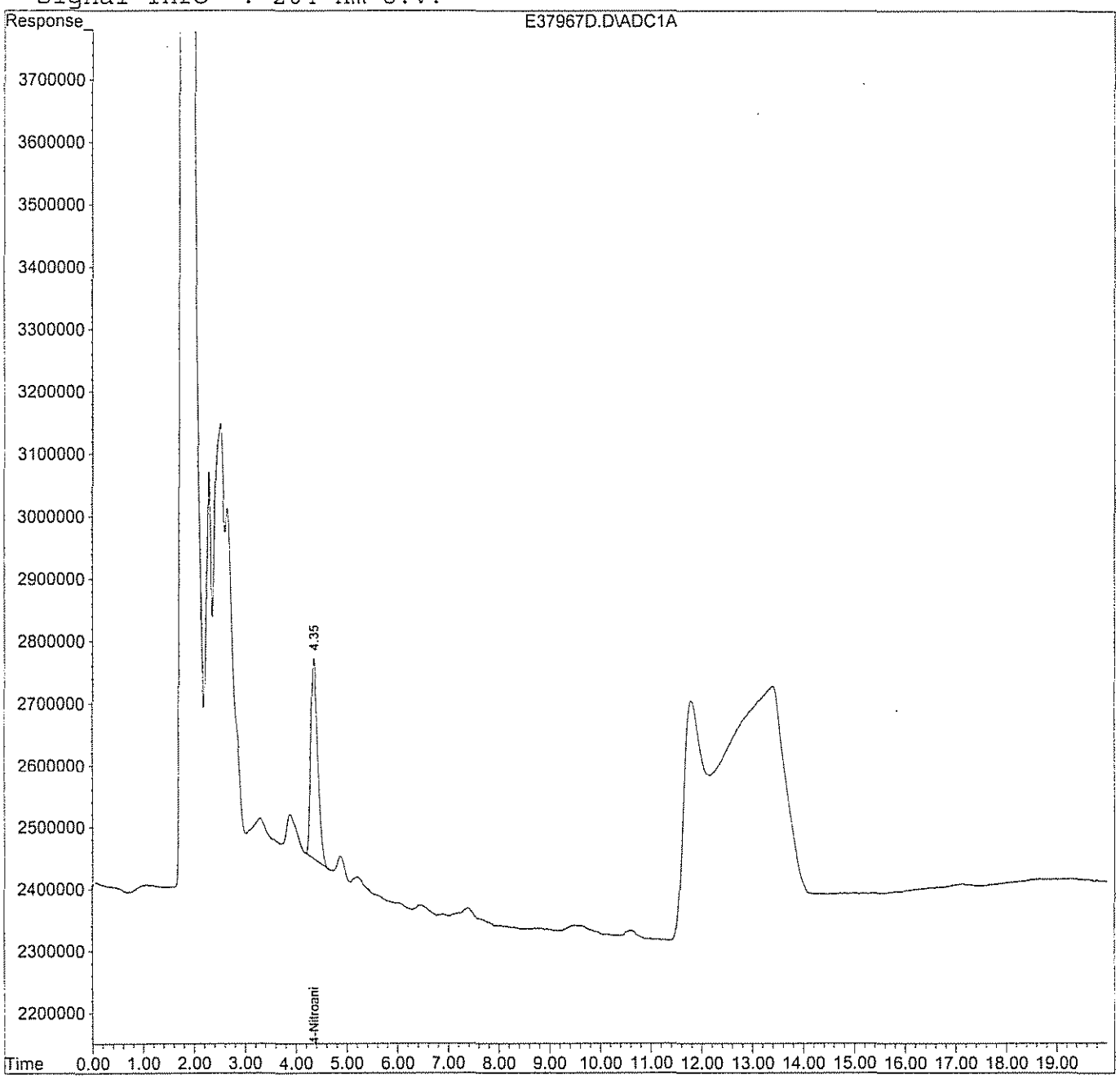
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37967D.D Vial: 26
Acq On : 26 Sep 2006 23:14 Operator: ST.
Sample : 609054-003-010-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:21 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
A051 NWO-017-0039R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-004-012-1/2
Sample Volume :	10.02	Lab File ID :	E37968D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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\092606\E37968D.D Vial: 27
Acq On : 26 Sep 2006 23:35 Operator: ST.
Sample : 609054-004-012-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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	4.34	33188758	128.729 PPB m
Spiked Amount 300.000		Recovery =	42.91%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

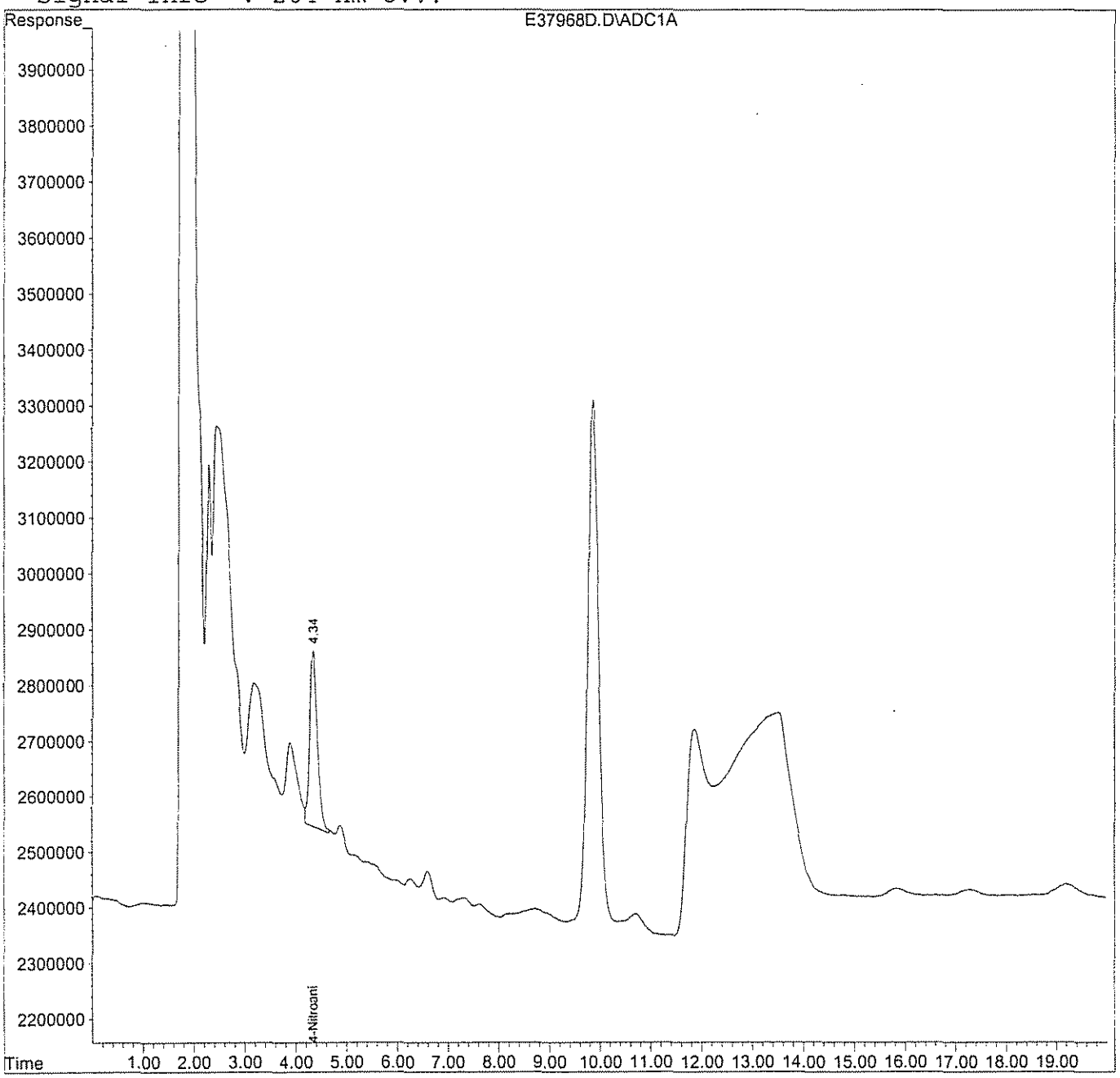
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37968D.D Vial: 27
Acq On : 26 Sep 2006 23:35 Operator: ST.
Sample : 609054-004-012-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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.



GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
A052 NWO-017-0040R

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609054-005-014-1/2
Sample Volume :	10	Lab File ID :	E37969D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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\092606\E37969D.D Vial: 28
Acq On : 26 Sep 2006 23:57 Operator: ST.
Sample : 609054-005-014-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:23 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	4.35	36491934	141.541	PPB	m
Spiked Amount 300.000		Recovery =	47.18%		
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

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

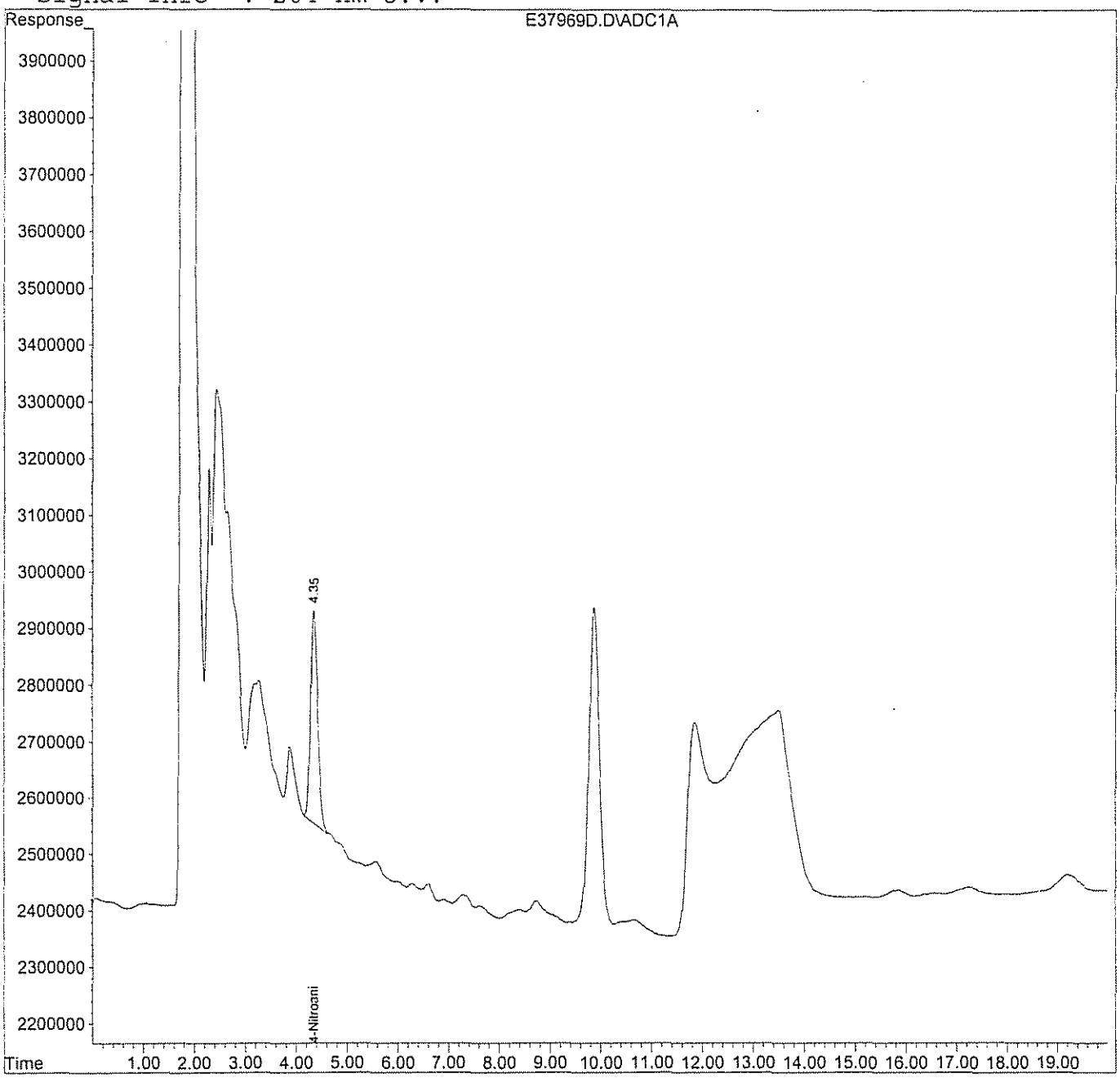
E37969D.D 6920PETN.M Wed Sep 27 08:39:35 2006 RPT Page 1

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37969D.D Vial: 28
Acq On : 26 Sep 2006 23:57 Operator: ST.
Sample : 609054-005-014-1/2 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:23 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

Area Percent Report

Data File : H:\LCDATA\LCD\091906\LCD33008.D Vial: 51
Acq On : 27 Sep 20106 8:2 Operator: AG
Sample : 609055-006-022-1/1 Inst : LCD
Misc : SOIL Multiplr: 1.00
IntFile : events.e

Method : H:\LCDATA\LCD\METHODS\8330MIX.M (Chemstation Integrator)
Title :

Signal : LCD33008.D\ADC1A

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.074	2.331	3.339	BB	84988	38841073	100.00%	50.200%
2	7.351	7.052	7.728	BB	241303	38531078	99.20%	49.800%

Sum of corrected areas: 77372150

LCD33008.D 8330MIX.M Wed Sep 27 09:16:30 2006 FMGR

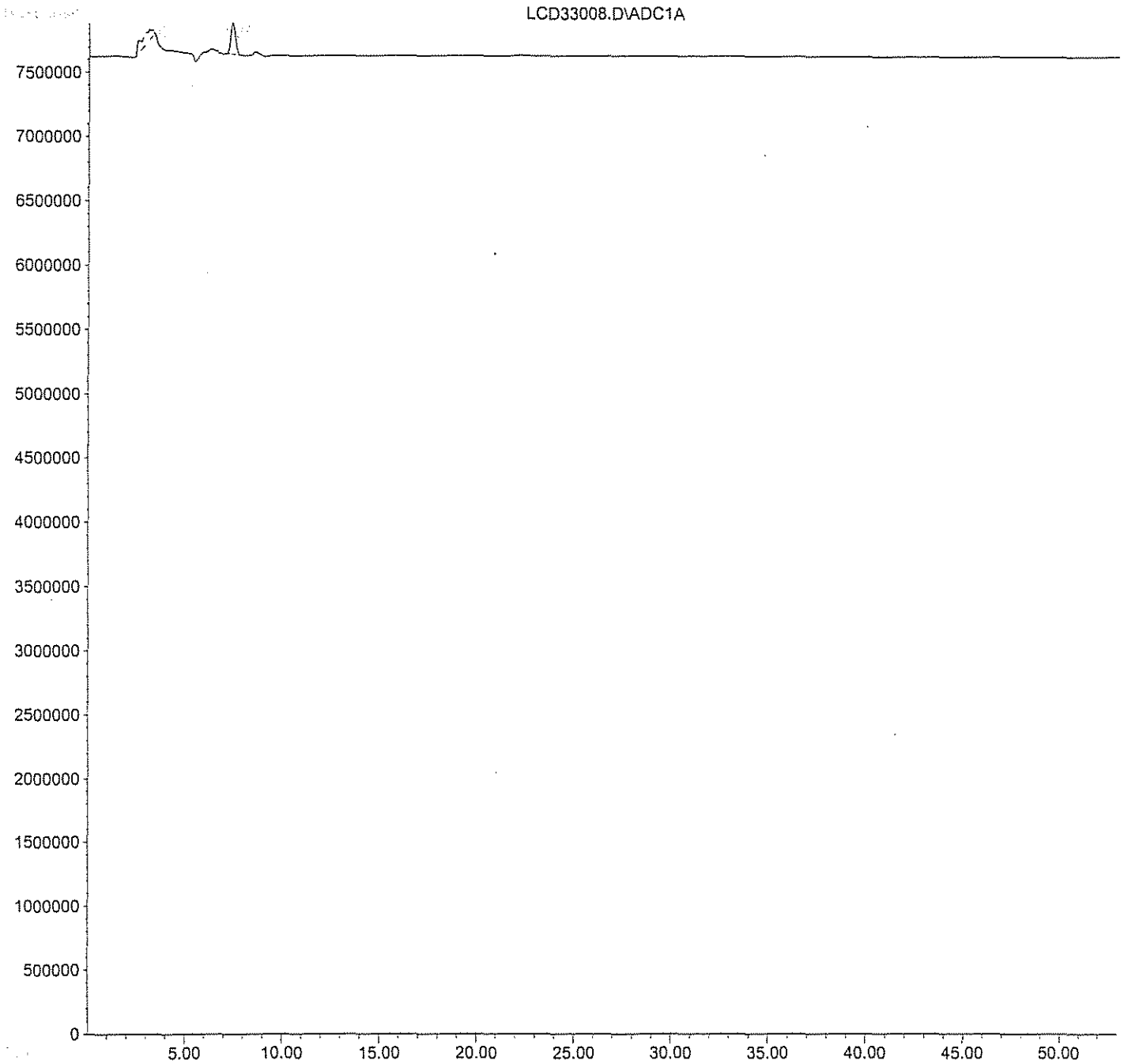
Area Percent Report

Data File : H:\LCDATA\LCD\091906\LCD33008.D
Acq On : 27 Sep 20106 8:2
Sample : 609055-006-022-1/1
Misc : SOIL
IntFile : events.e

Vial: 51
Operator: AG
Inst : LCD
Multiplr: 1.00

Method : H:\LCDATA\LCD\METHODS\8330MIX.M (Chemstation Integrator)
Title :

Volume Inj. :
Signal Phase :
Signal Info :



LCD33008.D 8330MIX.M Wed Sep 27 09:16:34 2006 FMCR

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

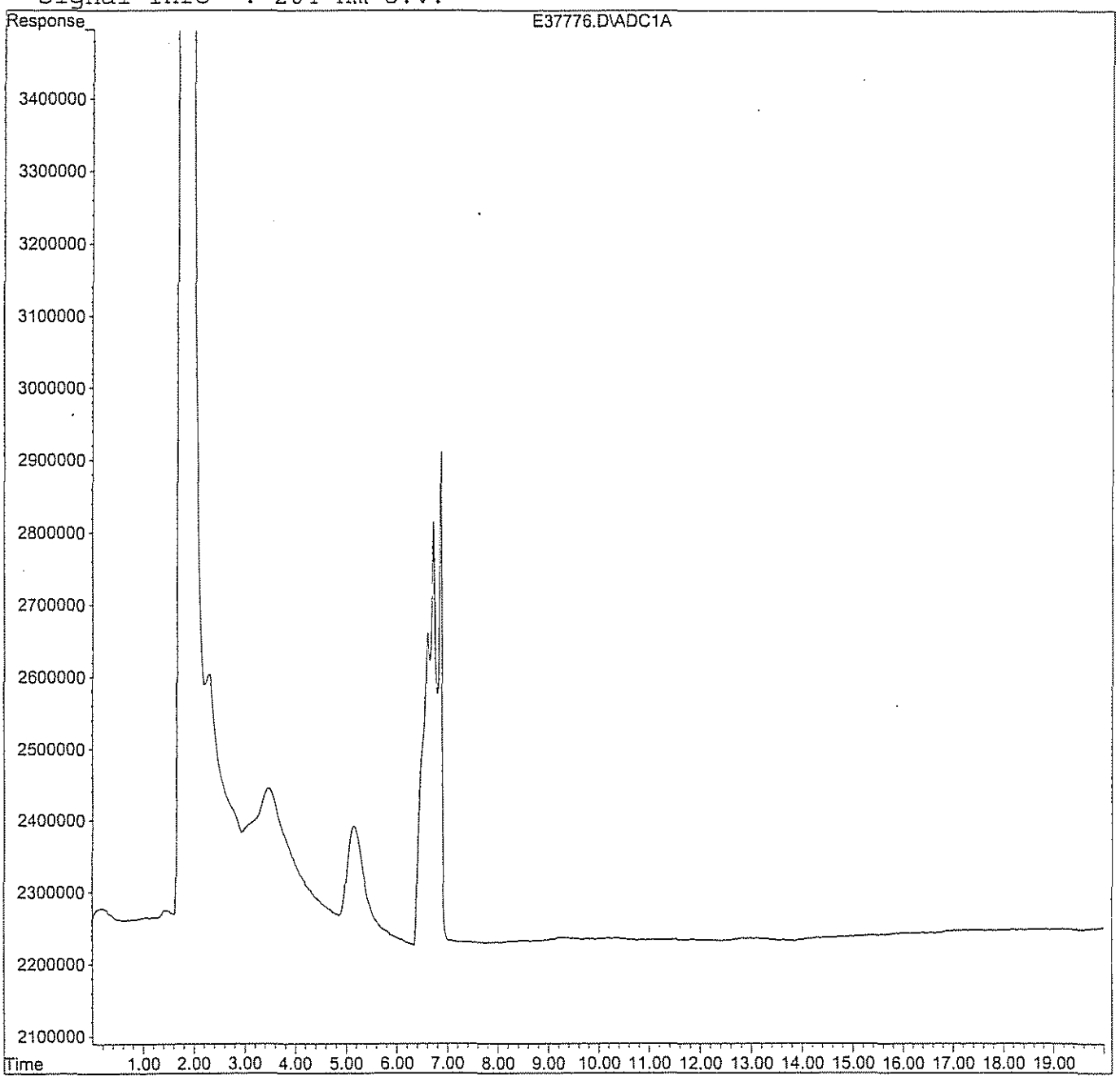
(f)=RT Delta > 1/2 Window (m) =manual int.

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.

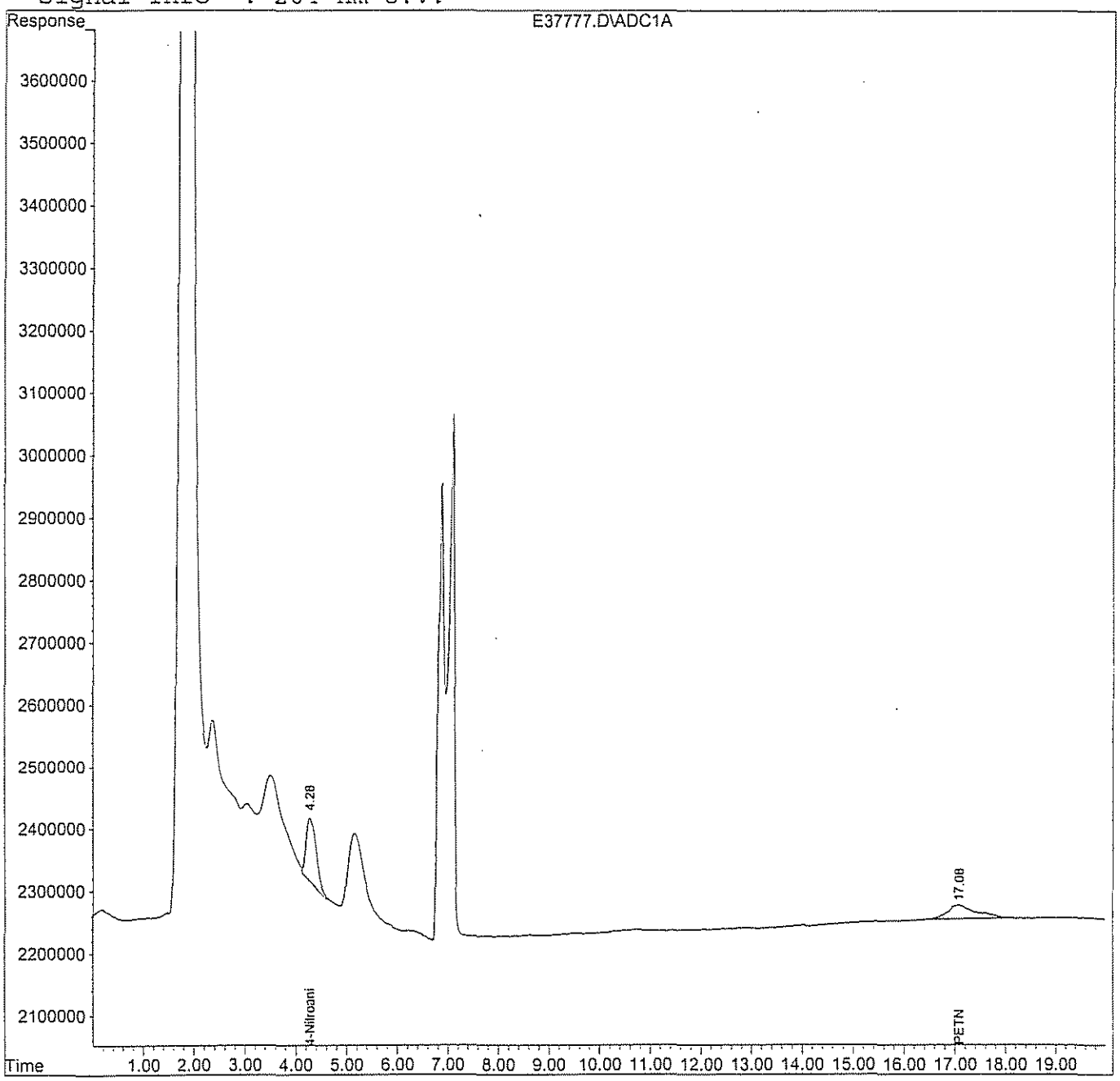
E37777.D 6920PETN.M Wed Sep 27 09:17:45 2006 RPT Page 1

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.

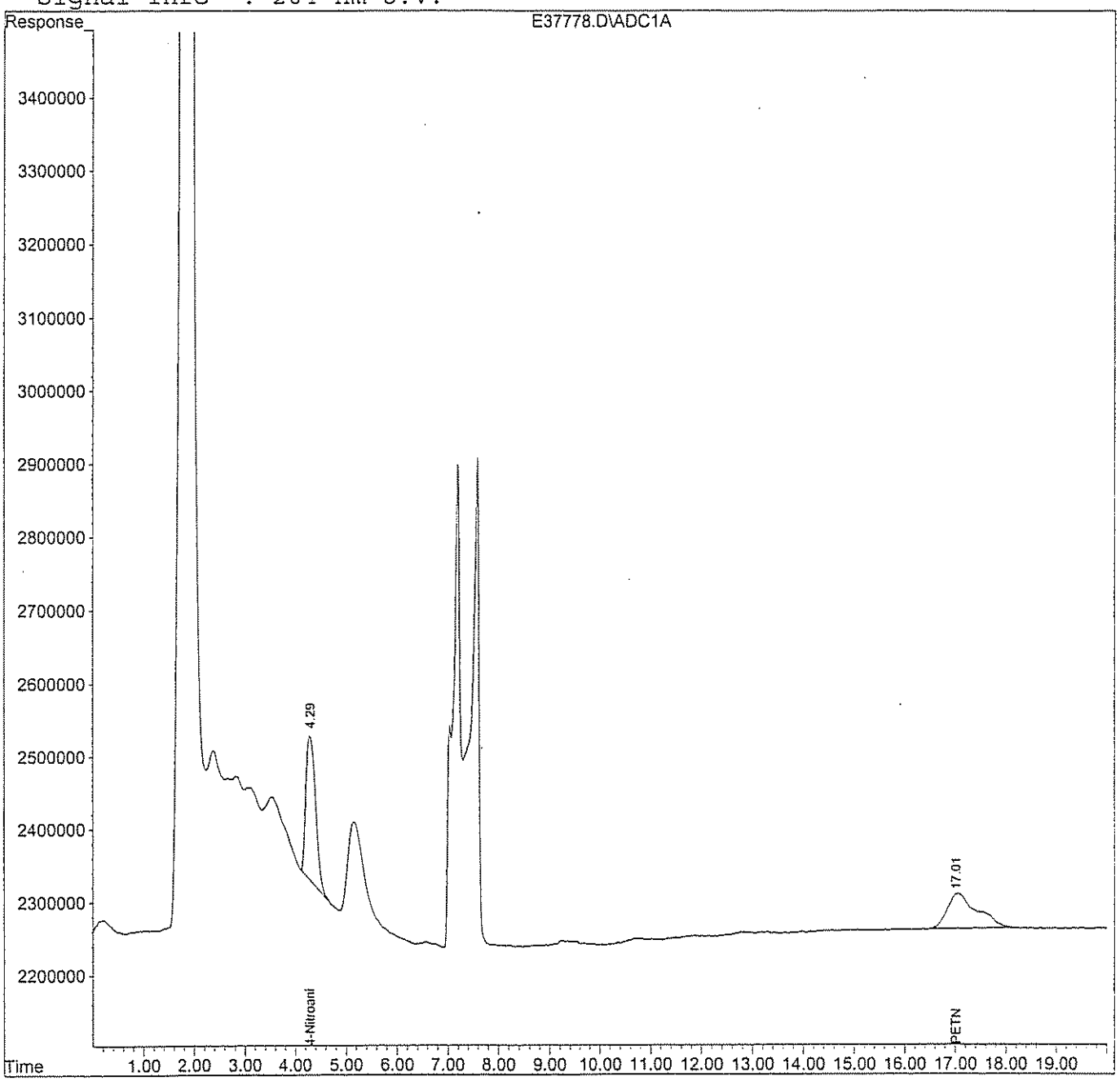
E37778.D 6920PETN.M Wed Sep 27 09:17:50 2006 RPT Page 1

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

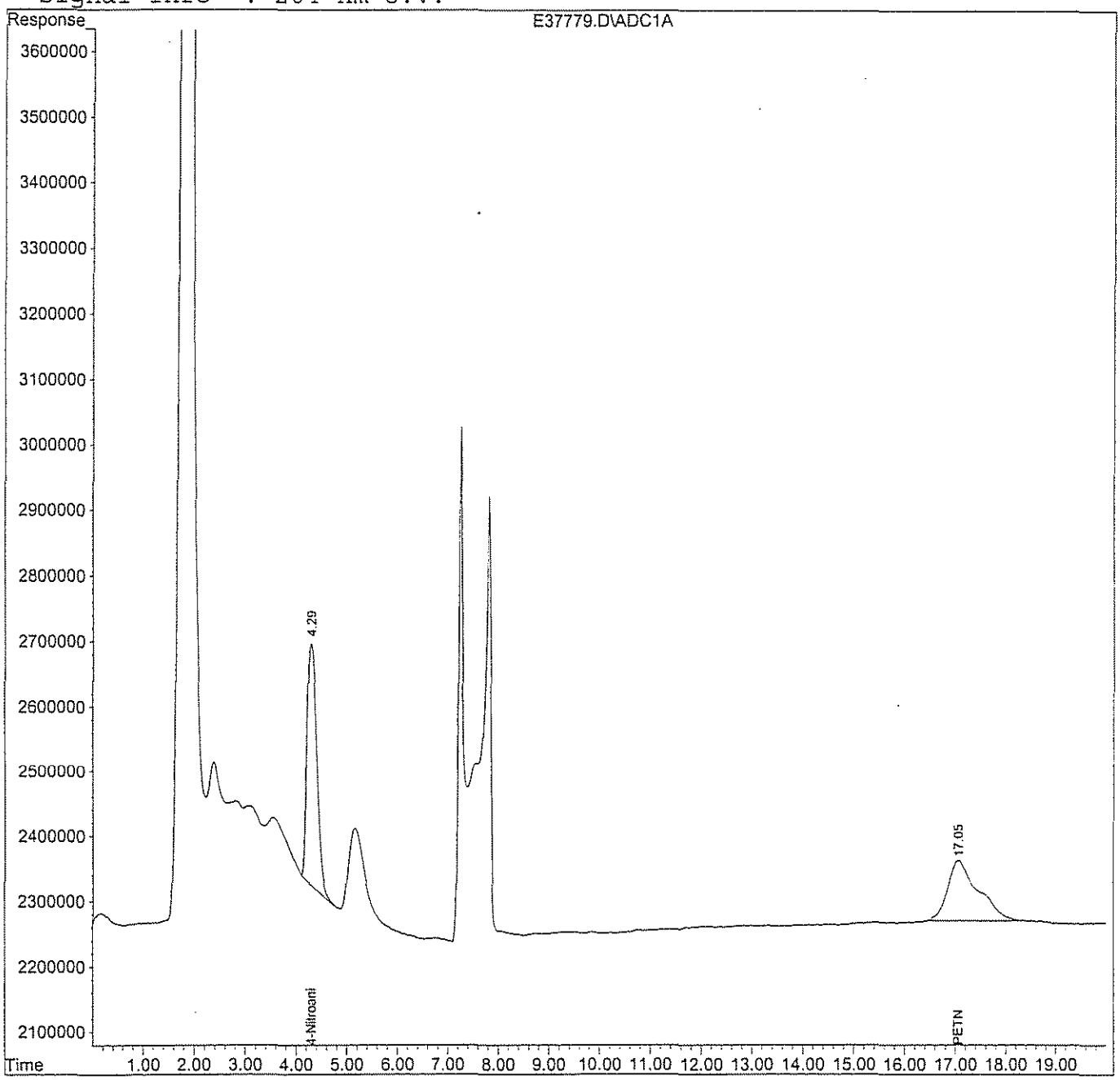
(f)=RT Delta > 1/2 Window (m)=manual int.

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.

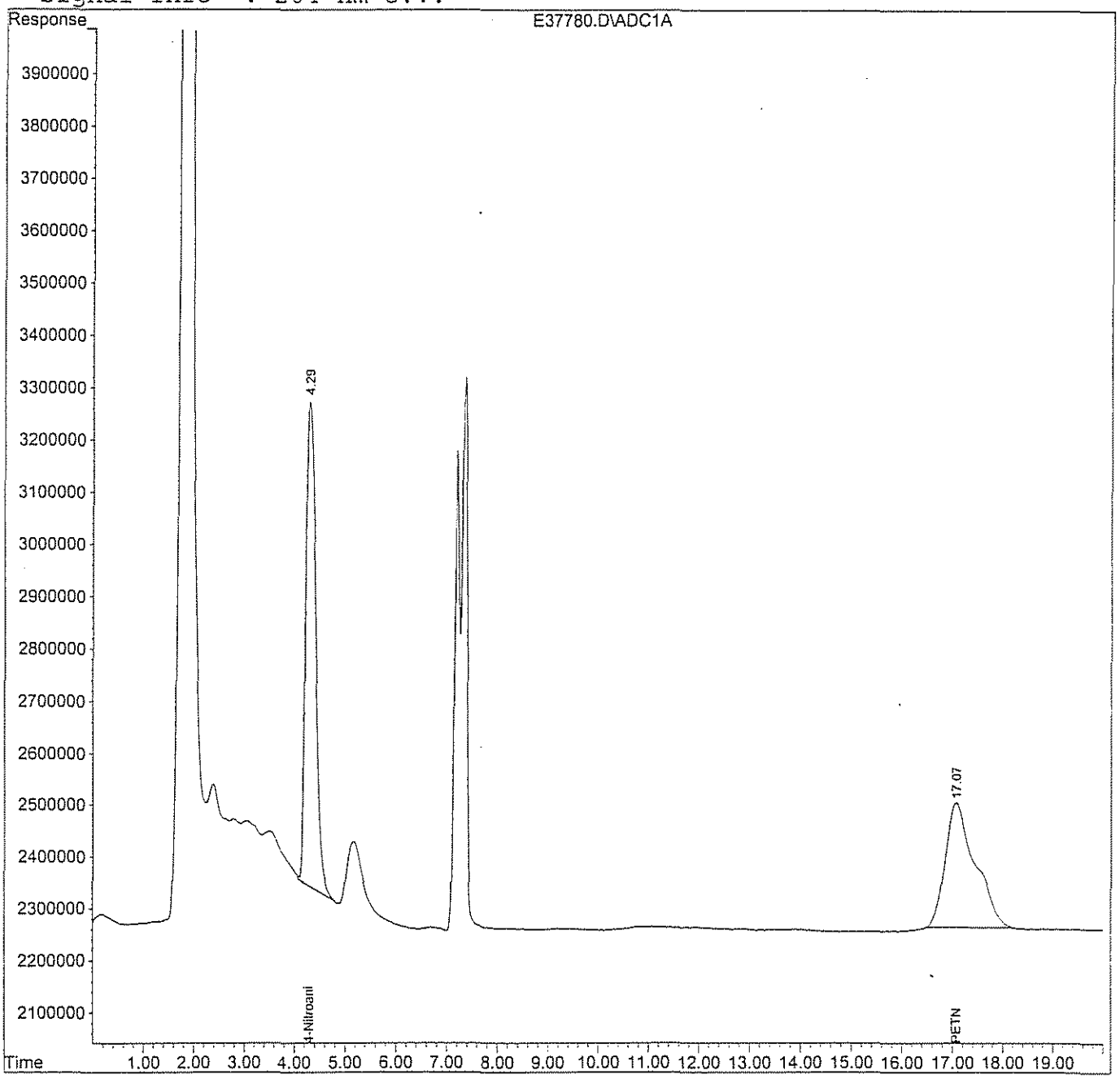
E37780.D 6920PETN.M Wed Sep 27 09:17:59 2006 RPT Page 1

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.

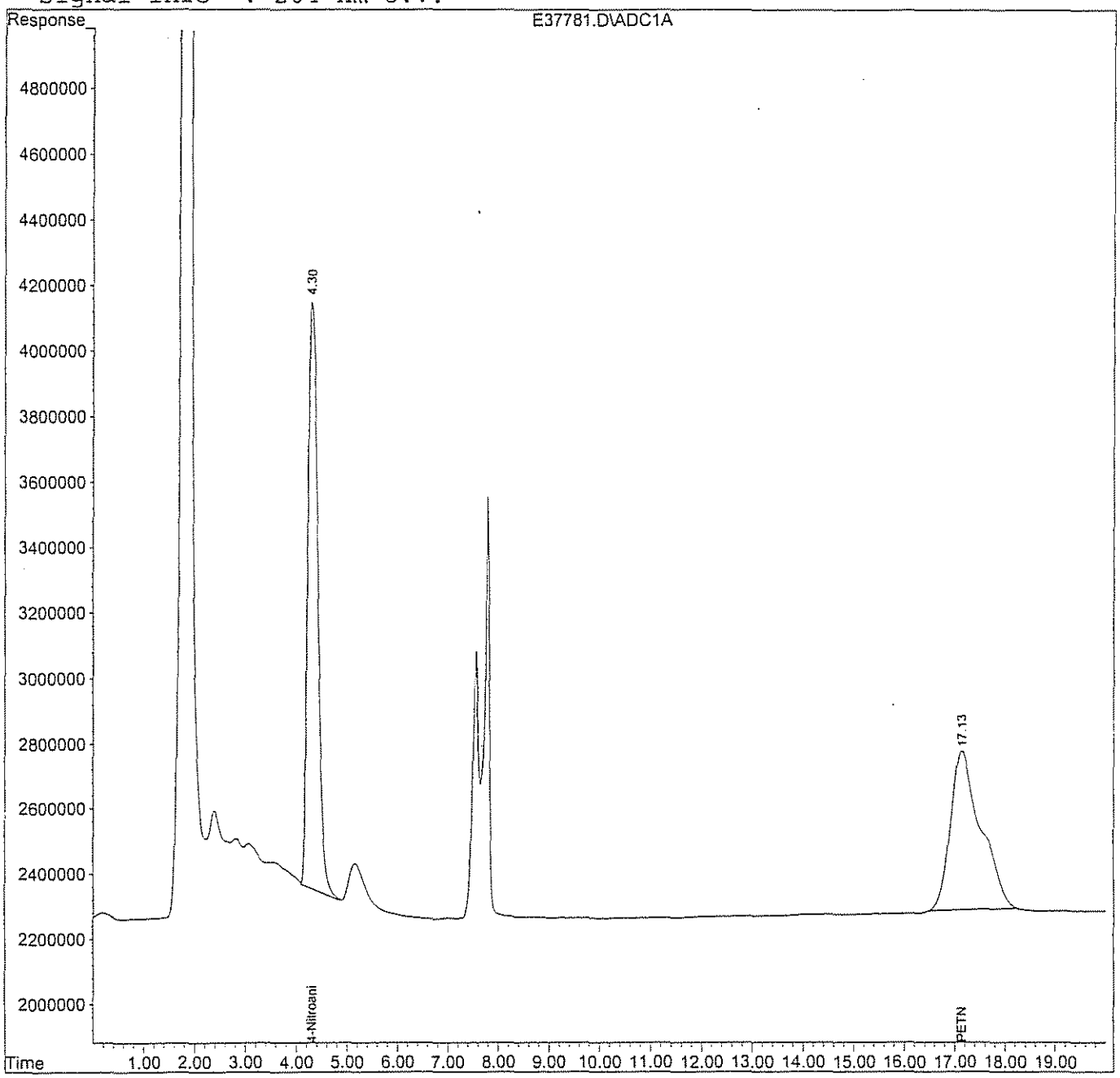
E37781.D 6920PETN.M Wed Sep 27 09:18:04 2006 RPT Page 1

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.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Wed Sep 27 09:18:26 2006
Response via : Initial Calibration

Continuing Calibration File: E37782.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	280.620	E3	-8.8	112
2	T	PETN	192.201	194.421	E3	-1.2	100

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

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

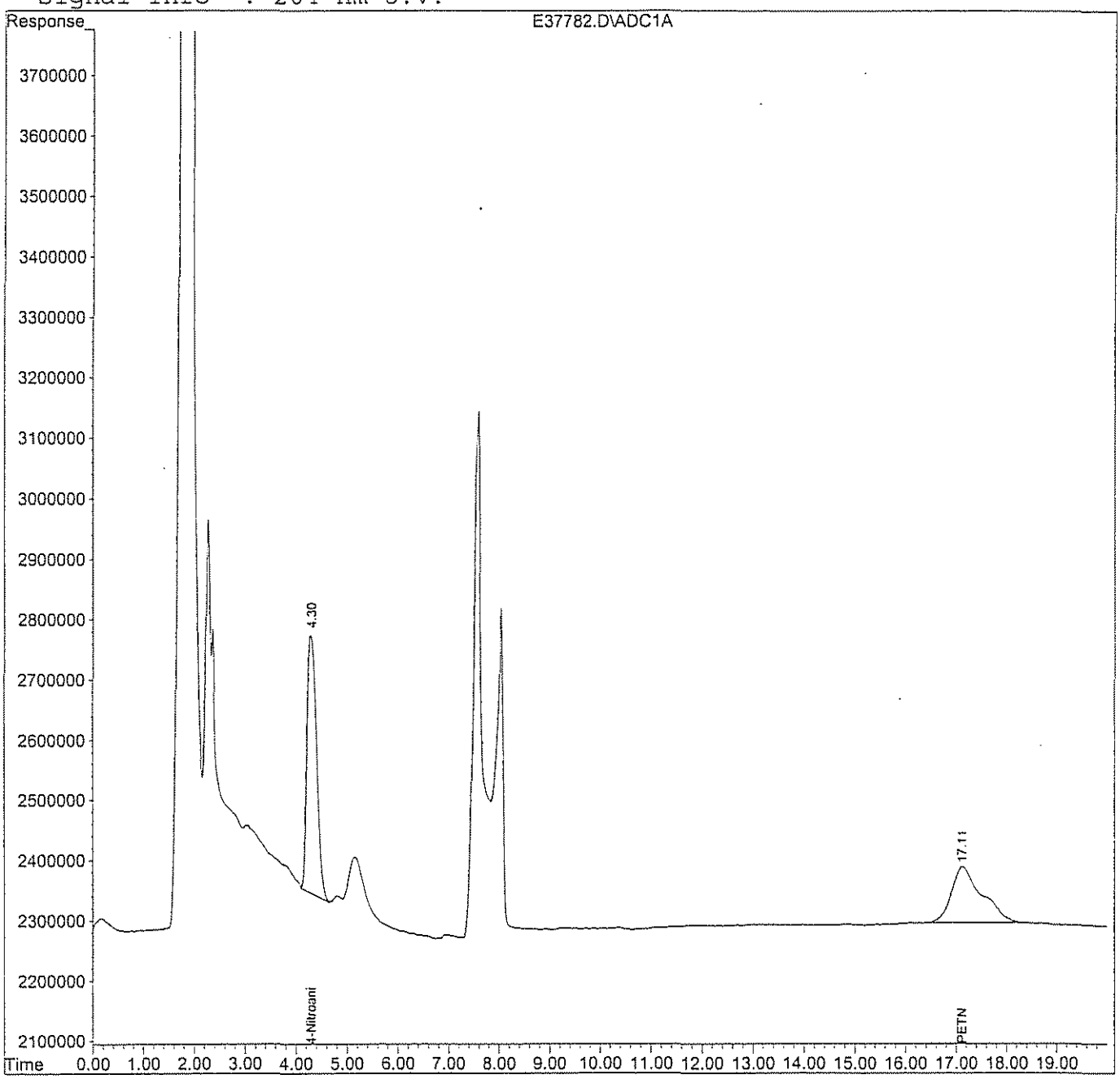
(f)=RT Delta > 1/2 Window (m) = manual int.

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 : Wed Sep 27 08:42:02 2006
Response via : Initial Calibration

Continuing Calibration File: E37953D.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	225.511	E3	12.5	90
2	T	PETN	192.201	207.053	E3	-7.7	107

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

Camp Adair - Appendix F - Analytical Report 200-1e 3330
F10OR002908_01.09_0507_a

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37953D.D Vial: 12
Acq On : 26 Sep 2006 18:16 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:16 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	4.35	45102170	174.937 PPB
Spiked Amount 300.000		Recovery =	58.31%
Target Compounds			
2) T PETN	17.59f	41410521	215.454 PPB m

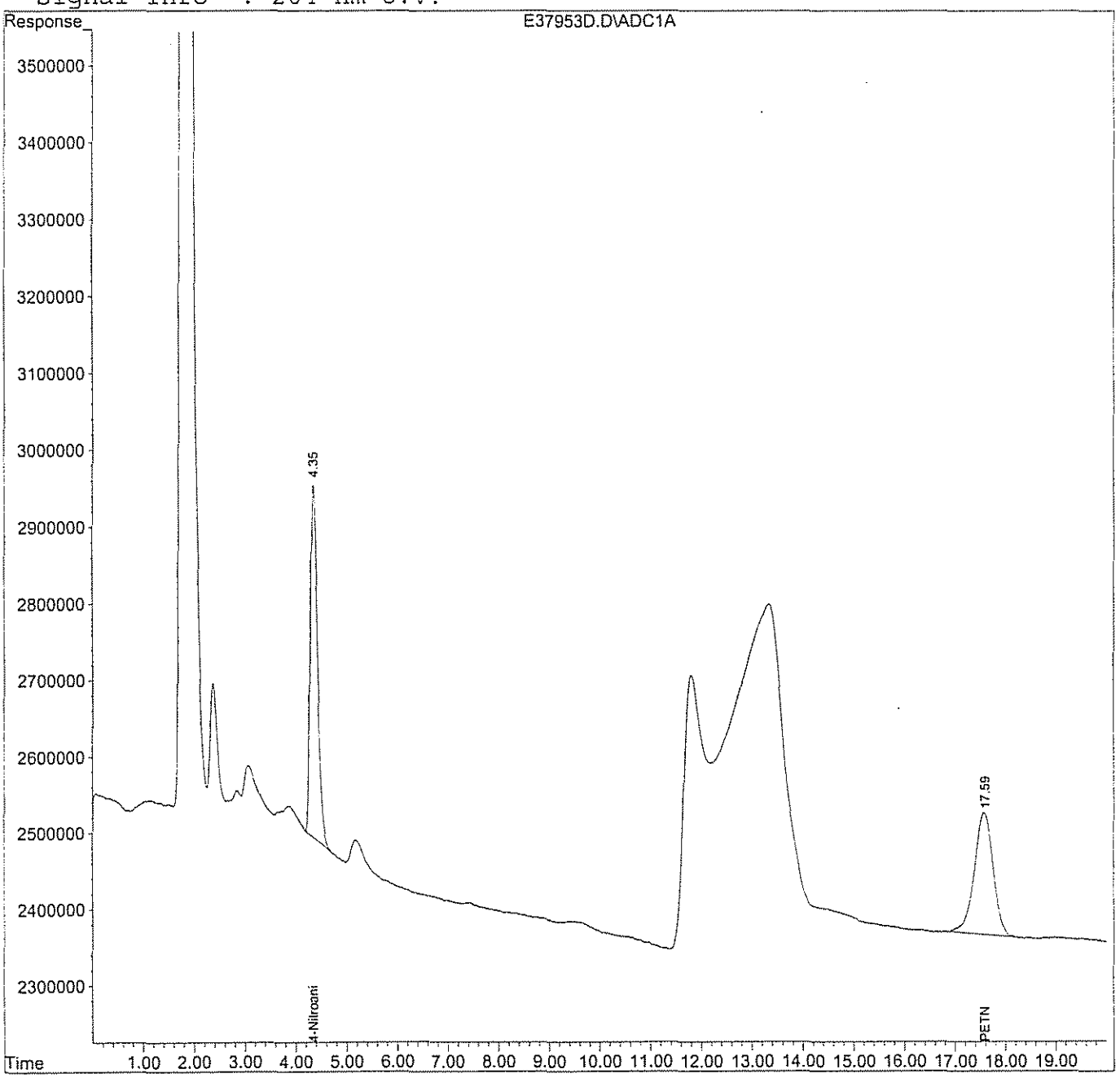
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37953D.D Vial: 12
Acq On : 26 Sep 2006 18:16 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:16 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.



E37953D.D 6920PETN.M Wed Sep 27 08:42:08 2006 RPT Page 2

Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Wed Sep 27 08:42:23 2006
Response via : Initial Calibration

Continuing Calibration File: E37966D.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	225.882	E3	12.4	90
2	T	PETN	192.201	218.970	E3	-13.9	113

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

Gamma Adair - Appendix F - Analytical Report 200-1e 3333
F10OR002908_01.09_0507_a

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37966D.D Vial: 25
Acq On : 26 Sep 2006 22:53 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:18 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	4.34	45176428	175.225	PPB	m
Spiked Amount 300.000		Recovery =	58.41%		
Target Compounds					
2) T PETN	17.57	43794091	227.856	PPB	m

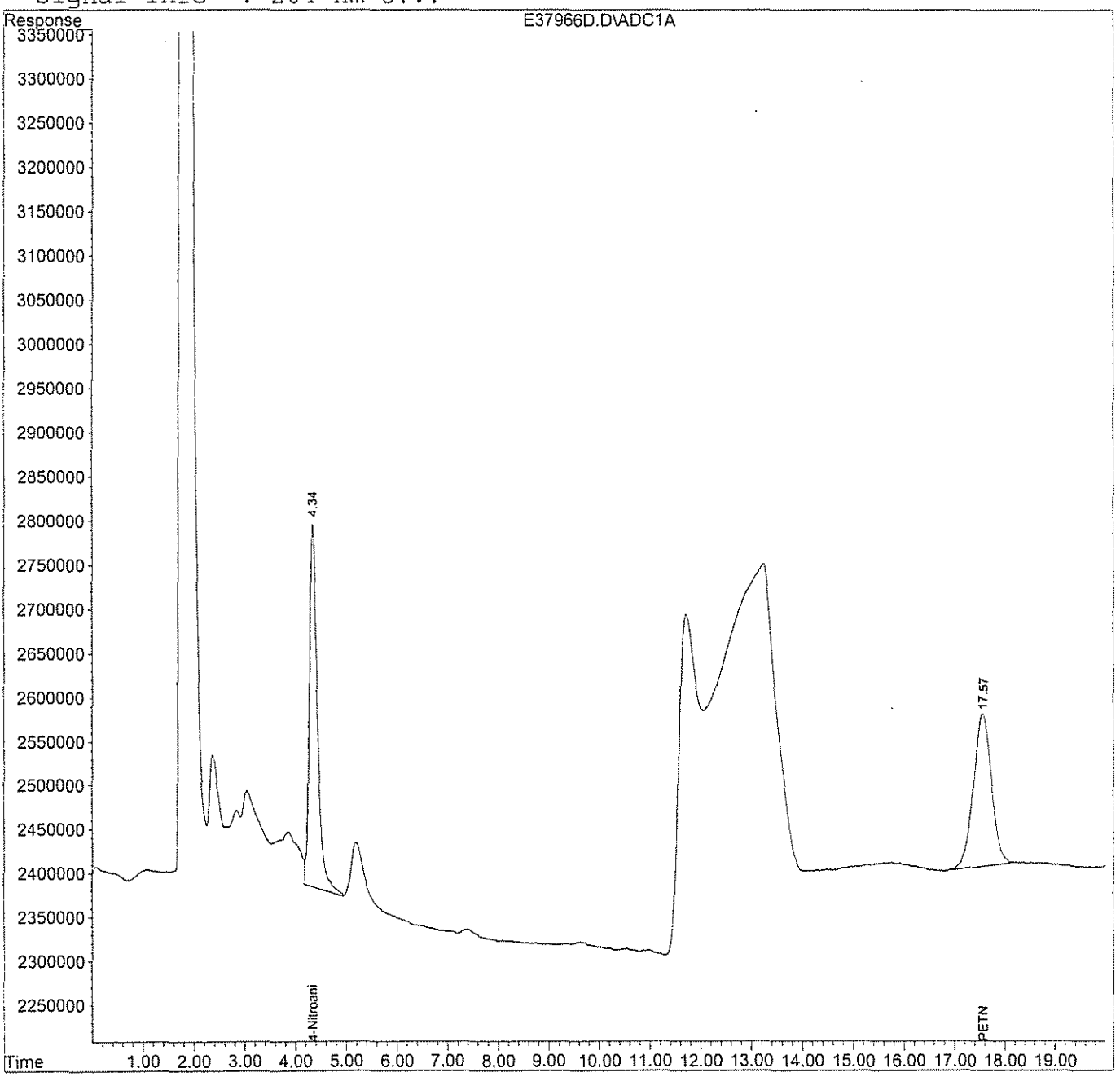
(f)=RT Delta > 1/2 Window (m)=manual

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37966D.D Vial: 25
Acq On : 26 Sep 2006 22:53 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:18 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 : Wed Sep 27 08:43:50 2006
Response via : Initial Calibration

Continuing Calibration File: E37972D.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	222.717	E3	13.6	89
2	T	PETN	192.201	209.828	E3	-9.2	108

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

Camp Adair - Appendix F - Analytical Report 200-1e 3336 F10OR002908_01.09_0507_a

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37972D.D Vial: 31
Acq On : 27 Sep 2006 1:00 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:43 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	4.35	44543331	172.770 PPB m
Spiked Amount 300.000		Recovery =	57.59%
Target Compounds			
2) T PETN	17.60	41965565	218.342 PPB

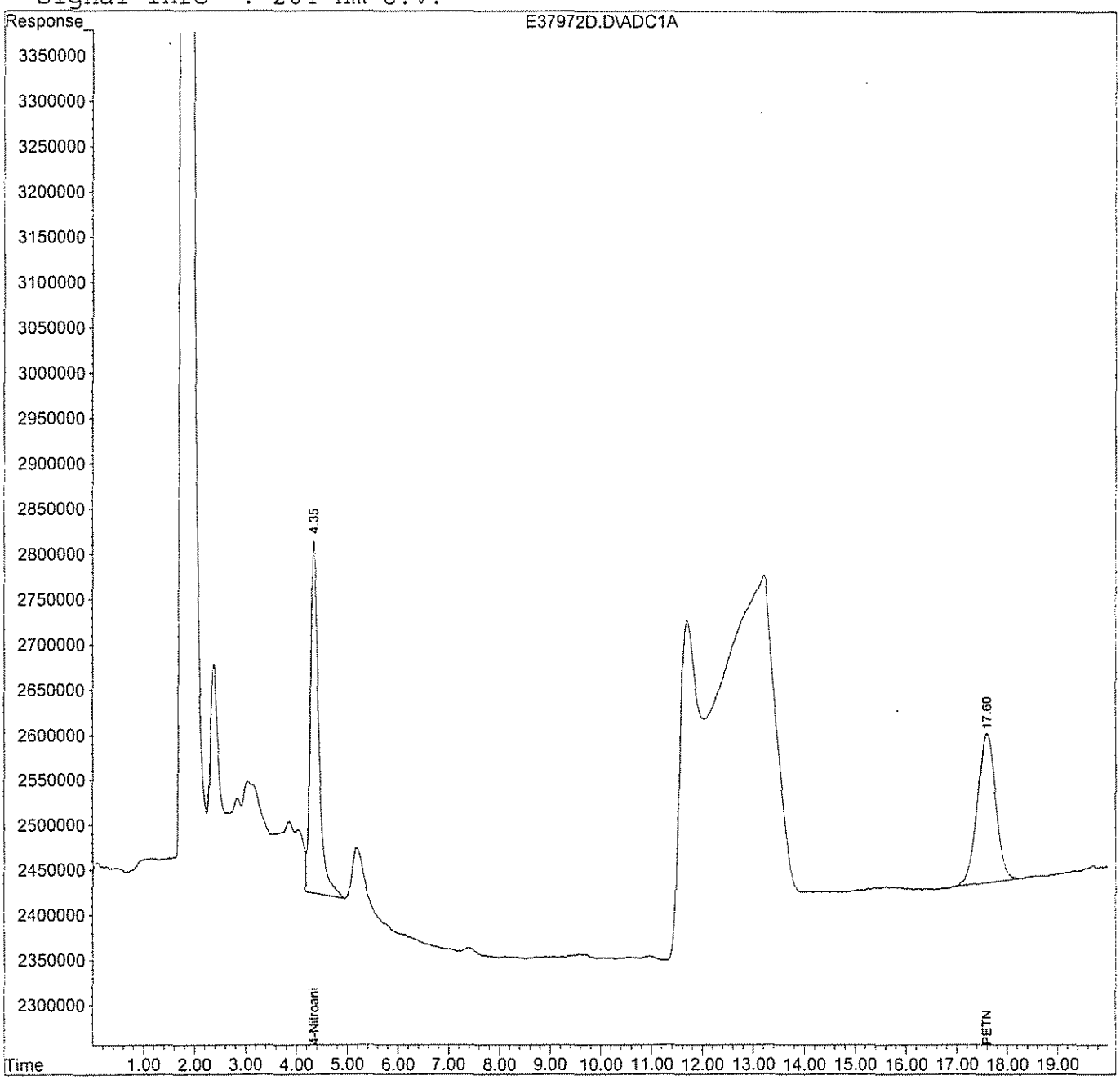
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37972D.D Vial: 31
Acq On : 27 Sep 2006 1:00 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:43 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.



E37972D.D 6920PETN.M Wed Sep 27 08:44:03 2006 RPT 200-1e Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37950D.D Vial: 9
Acq On : 26 Sep 2006 17:12 Operator: ST.
Sample : 609093-002-009-1/2 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:27 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	4.35	63985492	248.180	PPB	m
Spiked Amount 300.000		Recovery =	82.73%		
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

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

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
BLK93814

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK93814
Sample Volume :	10	Lab File ID :	E37955D.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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\092606\E37955D.D Vial: 14
Acq On : 26 Sep 2006 18:58 Operator: ST.
Sample : BLK93814 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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	4.35	45488178	176.435 PPB
Spiked Amount 300.000		Recovery =	58.81%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

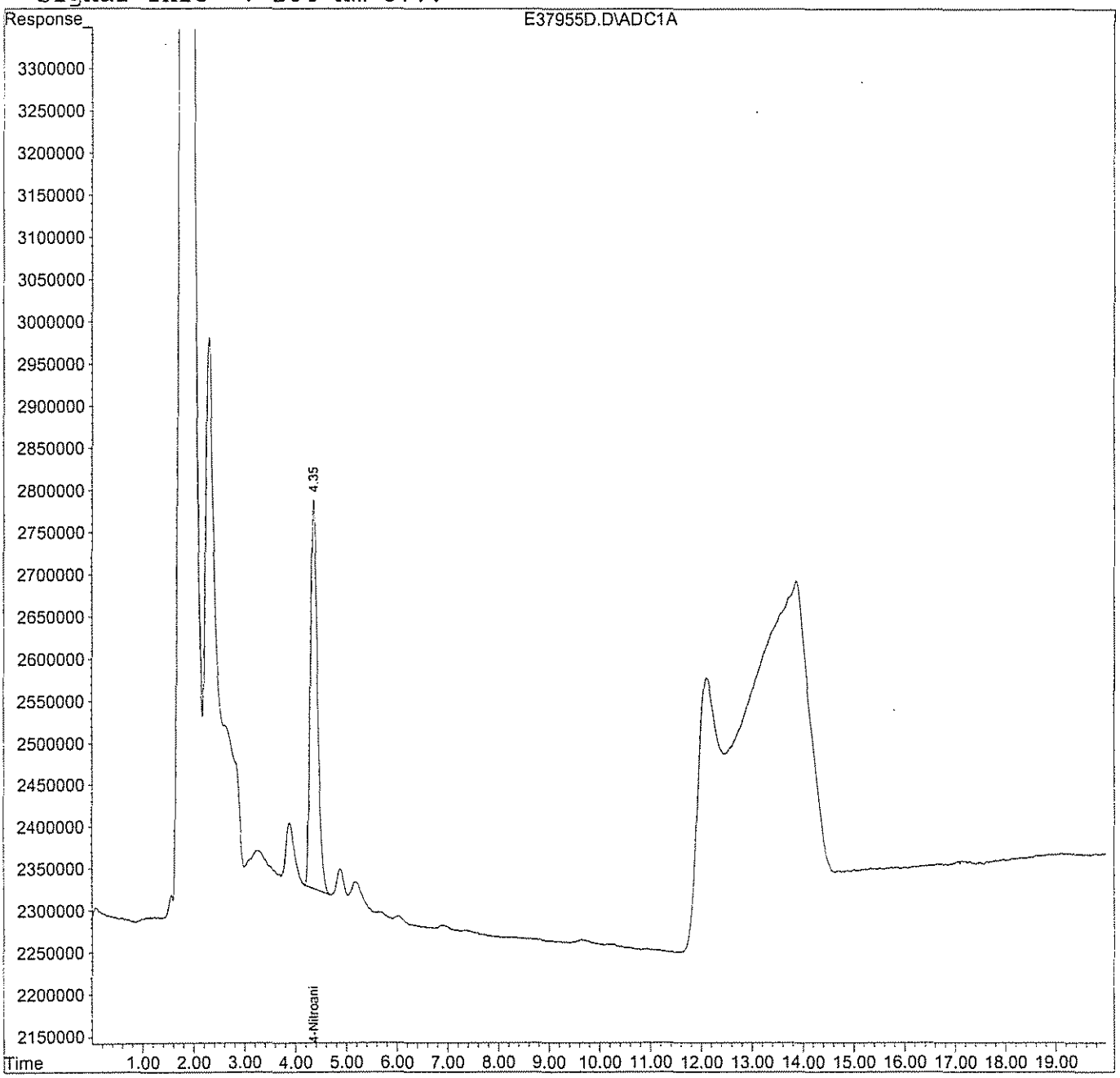
(f)=RT Delta > 1/2 Window (m)=manual int.
E37955D.D 6920PETN.M Wed Sep 27 08:40:33 2006 RPT Page 1

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37955D.D Vial: 14
Acq On : 26 Sep 2006 18:58 Operator: ST.
Sample : BLK93814 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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
A056 NWO-017-0043MS

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MS
Sample Volume :	10.02	Lab File ID :	E37957D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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	0.41	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37957D.D Vial: 16
Acq On : 26 Sep 2006 19:41 Operator: ST.
Sample : 609053-002-003-1/2MS Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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	4.35	30212204	117.184	PPB	
Spiked Amount 300.000		Recovery =	39.06%		
Target Compounds					
2) T PETN	17.61	19841276	103.232	PPB	m

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

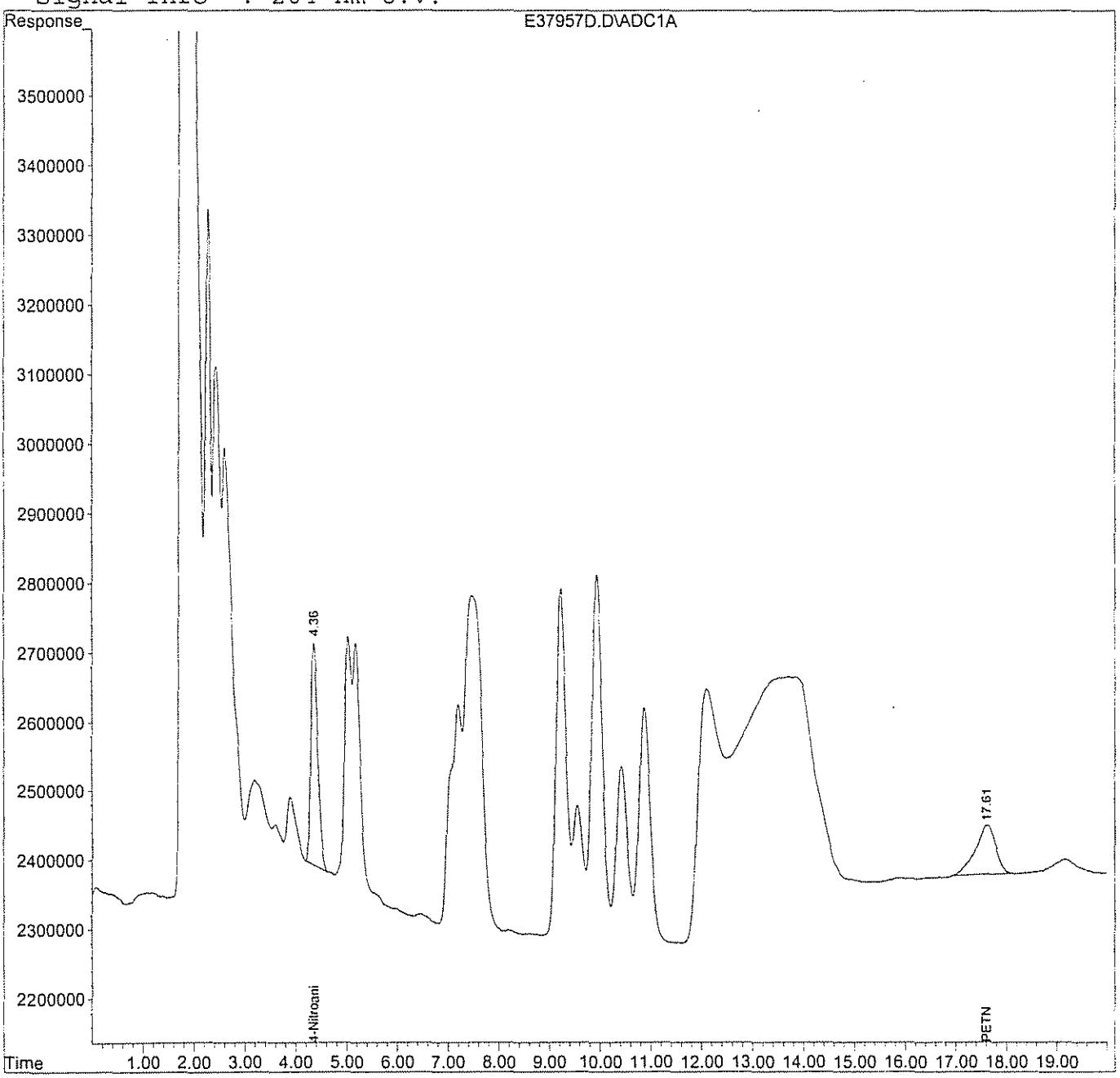
Camp Adair - Appendix F - Analytical Report 200-1e 3345
F10OR002908_01.09_0507_a

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37957D.D Vial: 16
Acq On : 26 Sep 2006 19:41 Operator: ST.
Sample : 609053-002-003-1/2MS Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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.



Camp Adair - Appendix F - Analytical Report 200-1e 3346
F10OR002908_01:09_0507_a

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
A056 NWO-017-0043MSD

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609053
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	609053-002-003-1/2MSD
Sample Volume :	10.01	Lab File ID :	E37958D.D
% Moisture:		Date Received	09/12/2006
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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	0.40	

Quantitation Report (Not Reviewed)

Data File : H:\LCDATA\LCE\092606\E37958D.D Vial: 17
Acq On : 26 Sep 2006 20:02 Operator: ST.
Sample : 609053-002-003-1/2MSD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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	4.35	36762138	142.589 PPB
Spiked Amount 300.000		Recovery =	47.53%
Target Compounds			
2) T PETN	0.00	0	N.D. PPB

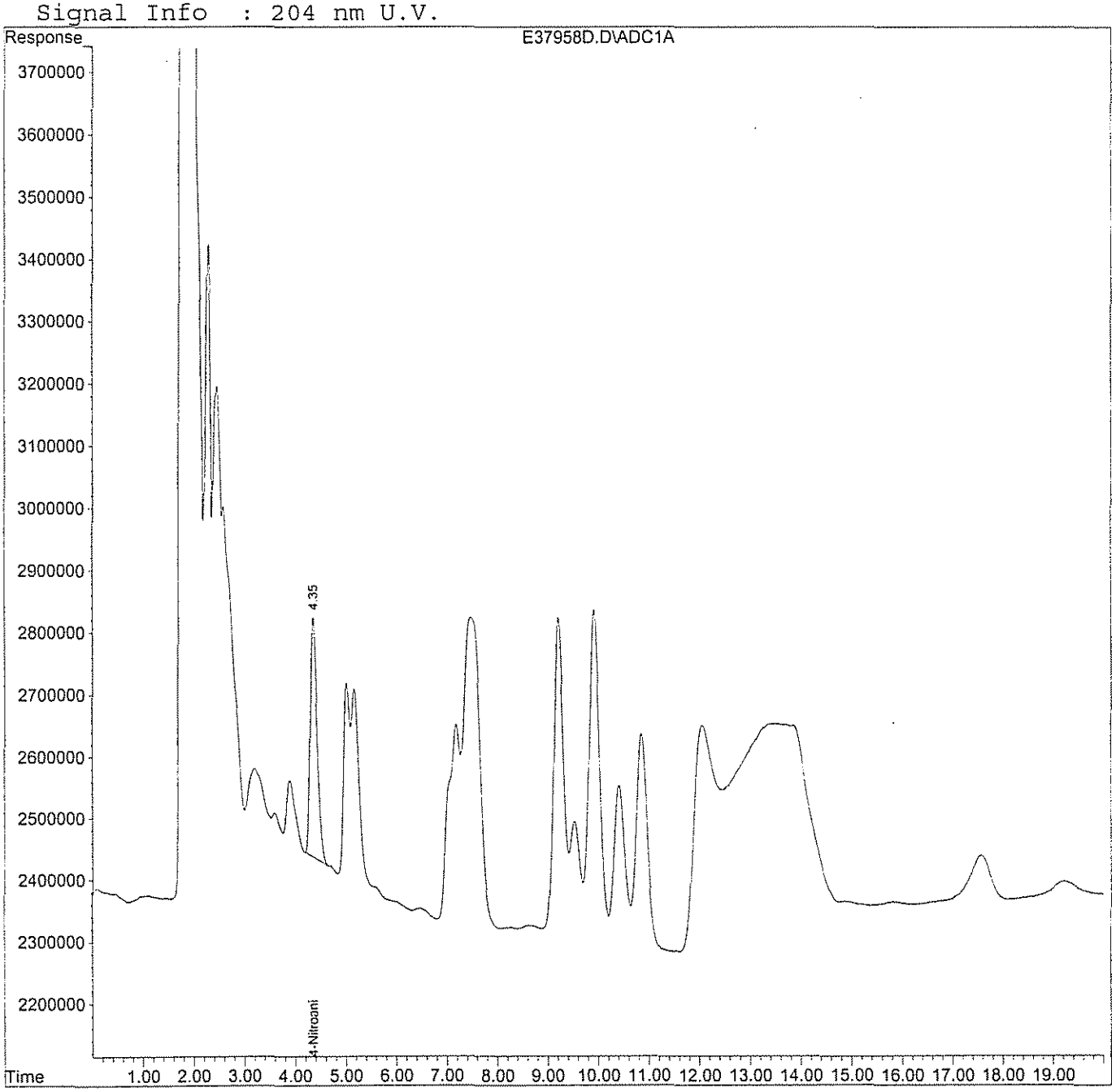
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37958D.D Vial: 17
Acq On : 26 Sep 2006 20:02 Operator: ST.
Sample : 609053-002-003-1/2MSD Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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.



Camp Adair Appendix F - Analytical Report RPT 200-1e 3349
F10OR002908_01.09_0507_a

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BKS93814

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609054
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BKS93814
Sample Volume :	10	Lab File ID :	E37956D.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/18/2006
Extract Volume:	40 mL	Date Analyzed	09/26/2006
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	0.40	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37956D.D Vial: 15
Acq On : 26 Sep 2006 19:20 Operator: ST.
Sample : BKS93814 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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	4.35	41930234	162.634	PPB	
Spiked Amount 300.000		Recovery =	54.21%		
Target Compounds					
2) T PETN	17.60	19275162	100.286	PPB	m

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

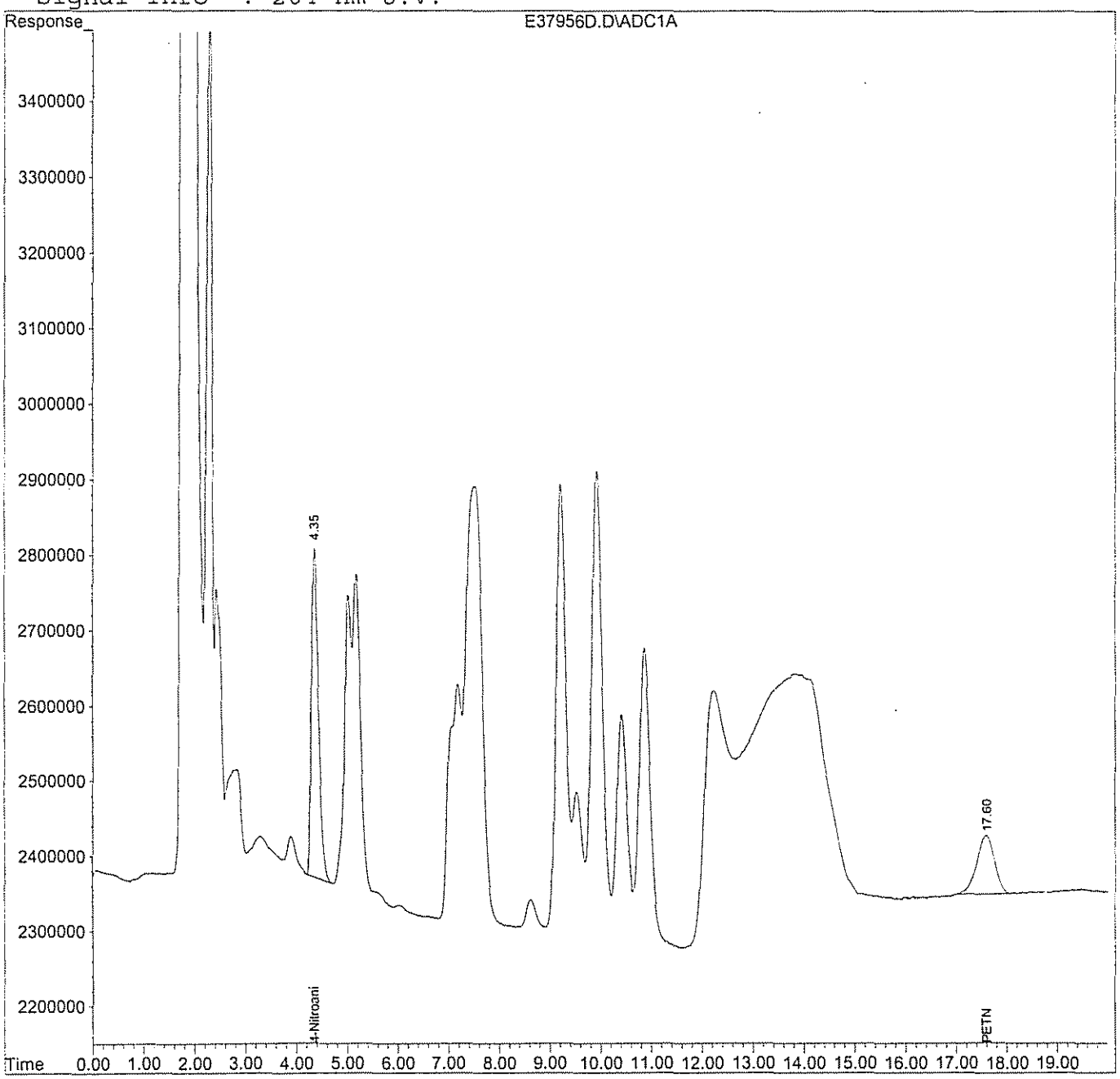
E37956D.D 6920PETN.M Wed Sep 27 08:40:43 2006 RPT Page 1

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37956D.D Vial: 15
Acq On : 26 Sep 2006 19:20 Operator: ST.
Sample : BKS93814 Inst : LCC-FL
Misc : SOIL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 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.



EXPLOSIVES /NITROGUANIDINE /NITROGLYCERINE /PICRIC ACID /PETN EXTRACTION LOG

SOIL / WATER / WIPES

Approval / Date: AS 09/19/06 Client: Shaw E&I Inc. and USACE

Analysis Method: 8330 + PETN + NG

Extraction Chemist: N.P Date: 9-18-06 Spike Witness: VT

Work Order	Fraction 93813	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
609053	BLK	10.00	1.0	—	40.0
	BKS1	10.00		1.0 + 0.4	
	002 MS1	10.02			
	002 MSD1	10.01			
	BKS2	10.00		1.0	
	002 MS2	10.01			
	002 MSD2	10.03			
	001	10.03		—	
	002	10.00			
	003	10.02			
	010	10.01			
	011	10.00			
609054	002	10.00			
	003	10.03			
	004	10.02			
	005	10.00			
609031	001	10.00			

AS 9/19/06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 051296 Matrix Spike #: 37629 Matrix Spike Conc.: 5.0 ppm

Surrogate Solution #: 37212 Matrix Spike #: 37353 PETN Matrix Spike Conc.: 100 ppm

Surrogate Conc.(s): 6 ppm Matrix Spike #: 37354 NG Matrix Spike Conc.: 100 ppm

Calcium Chloride#: 37063 Sodium Sulfate#: — Sand#: 43007309

Sodium Chloride#: —

Comments & Observations: Xenco 93813 for 8330 A Soil for WO's 609053, 609054, 609031

~~X Xenco 93814 for 8330 Soil 609031 AS~~

~~Xenco 93814 for 8330 Petn (S) 609053, 609054 & 609031~~

Xenco 93818 for 8330NG (S) 609053, 609054 & 609031

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: 09/20/06

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							
LCE							

ST. 09/20/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
# 91965	8330 PETN STD	# 38042	10 ppm	09/04/06
	4-Nitroanaline	# 37558	10 ppm	07/27/06
OK				

Pls. See pg 156 for 09/20/06 sequence. ST.

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # E (WATERS)

Method File: h:\lcdata\lce\methods	Data File Path: h:\lcdata\lce\092606
Detector/ Wavelength: UV	Mobile Phase: PETN-L4S-62-31
Injection Volume: 100 uL	Flow Rate: 1.2 ml/min

ICAL: 6920 PETN Analyst: ST. Reviewed by: S.S. Date: 09/29/06

Injection Log

Directory: h:\lcdata\lce\092606

	Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	Comments
LCE								
LCE								
LCE	1	1	e37941d.d	1.	PETN STD	CONT CAL	26 Sep	
	2	1	e37942d.d	1.	BLK93635	WATER	26 Sep	
LCE	3	2	e37943d.d	1.	BKS93635	WATER	26 Sep	
	4	3	e37944d.d	1.	BKSD93635	WATER	26 Sep	
LCE	5	4	e37945d.d	1.	608184-001-001-1/2	WATER	26 Sep	
	6	5	e37946d.d	1.	BLK93853	WATER	26 Sep	
LCE	7	6	e37947d.d	1.	BKS93853	WATER	26 Sep	
	8	7	e37948d.d	1.	BKSD93853	WATER	26 Sep	
LCE	9	8	e37949d.d	1.	609089-003-001-1/2	WATER	26 Sep	
	10	9	e37950d.d	1.	609093-002-009-1/2	WATER	26 Sep	
LCE	11	10	e37951d.d	1.	609084-001-001-1/2	WATER	26 Sep	
	12	11	e37952d.d	1.	RINSE	ACN	26 Sep	
LCE	13	12	e37953d.d	1.	PETN STD	CONT CAL	26 Sep	
	14	13	e37954d.d	1.	609093-004-011-1/2	WATER	26 Sep	
LCE	15	14	e37955d.d	1.	BLK93814	SOIL	26 Sep	
	16	15	e37956d.d	1.	BKS93814	SOIL	26 Sep	
LCE	17	16	e37957d.d	1.	609053-002-003-1/2MS	SOIL	26 Sep	
	18	17	e37958d.d	1.	609053-002-003-1/2MSD	SOIL	26 Sep	
LCE	19	18	e37959d.d	1.	609053-001-001-1/2	SOIL	26 Sep	
	20	19	e37960d.d	1.	609053-002-003-1/2	SOIL	26 Sep	
LCE	21	20	e37961d.d	1.	609053-003-005-1/2	SOIL	26 Sep	
	22	21	e37962d.d	1.	609053-010-007-1/2	SOIL	26 Sep	
LCE	23	22	e37963d.d	1.	609053-011-009-1/2	SOIL	26 Sep	
	24	23	e37964d.d	1.	609054-002-008-1/2	SOIL	26 Sep	
LCE	25	24	e37965d.d	1.	RINSE	ACN	26 Sep	
	26	25	e37966d.d	1.	PETN STD	CONT CAL	26 Sep	
LCE	27	26	e37967d.d	1.	609054-003-010-1/2	SOIL	26 Sep	
	28	27	e37968d.d	1.	609054-004-012-1/2	SOIL	26 Sep	
LCE	29	28	e37969d.d	1.	609054-005-014-1/2	SOIL	26 Sep	
	30	29	e37970d.d	1.	609031-001-001-1/1	SOIL	27 Sep	
LCE	31	30	e37971d.d	1.	RINSE	ACN	27 Sep	
	32	31	e37972d.d	1.	PETN STD	CONT CAL	27 Sep	
LCE	33	32	e37973d.d	1.	PETN STD	CONT CAL	27 Sep	
LCE								
LCE								
LCE								
LCE								
LCE					ST. 09/27/06			
LCE								

Remarks	Standard	Solution ID	Conc.	Date Prep.
	PETN STD	# 38042	10ppm	09/04/06
	4-Nitroaniline	# 37558	10ppm	07/22/06

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.: 609054

SOW No.: SW846

EPA Sample No.	Lab Sample ID
A014 NWO-017-0013	S 609054-001-001-1/1
A018 NWO-017-0017R	S 609054-009-004-1/1
A019 NWO-017-0018FDR	S 609054-008-003-1/1
A019 NWO-017-0018R	S 609054-007-002-1/1
A051 NWO-017-0039R	S 609054-004-012-1/2
A052 NWO-017-0040R	S 609054-005-014-1/2
A053 NWO-017-1009R	S 609054-003-010-1/2
A057 NWO-017-1010R	S 609054-002-008-1/2
A064 NWO-017-5001	S 609054-006-005-1/3
A064 NWO-017-5001 MS	SP609054-006-005-1/3
A064 NWO-017-5001 MSD	SD609054-006-005-1/3
NWO-011-0010	S 609069-001-013-1/6
NWO-011-0010 MS	SP609069-001-013-1/6
NWO-011-0010 MSD	SD609069-001-013-1/6

		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.

Signature: kc Name: kelvin k-C. CHOI

Date: 10/3/2006 Title: Chemist

USEPA - CLP

COVER PAGE

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 609054HG

SOW No.: SW846

EPA Sample No.	Lab Sample ID
A051 NWO-017-0039R	S 609054-004-012-1/2
A052 NWO-017-0040R	S 609054-005-014-1/2
A053 NWO-017-1009R	S 609054-003-010-1/2
A057 NWO-017-1010R	S 609054-002-008-1/2
A064 NWO-017-5001	S 609054-006-005-1/3
A064 NWO-017-5001 MS	SP609054-006-005-1/3
A064 NWO-017-5001 MSD	SD609054-006-005-1/3

		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.

Signature: kc Name: kelvin K-C. CHOI

Date: 9/22/2006 Title: Chemist

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-001-001-1/1	Percent Moisture:	0.0
Client Sample ID:	A014 NWO-017-0013	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.070	1.8	10.7	D	10	09/27/06 20:20

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-002-008-1/2	Percent Moisture:	0.0
Client Sample ID:	A057 NWO-017-1010R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	4.5	165	34900	ED	20	09/28/06 18:22
Antimony	121	0.28	1.7	0.28	UND	20	09/28/06 18:22
Barium	137	0.38	8.3	444	NDB	20	09/28/06 18:22
Cadmium	110	0.23	0.83	0.42	JD	20	09/28/06 18:22
Chromium	52	0.46	3.3	55.9	EDB	20	09/28/06 18:22
Cobalt	59	0.028	0.83	38.1	EDB	20	09/28/06 18:22
Copper	65	0.33	3.3	67.5	NDB	20	09/28/06 18:22
Iron	56	5.3	82.6	63500	ED	20	09/28/06 18:22
Lead	208	0.13	3.3	12.0	D	20	09/28/06 18:22
Magnesium	25	3.0	165	5370	D	20	09/28/06 18:22
Manganese	55	0.094	3.3	2320	ED	20	09/28/06 18:22
Molybdenum	95	0.48	8.3	1.2	JND	20	09/28/06 18:22
Nickel	60	0.15	1.7	38.2	NEDB	20	09/28/06 18:22
Strontium	88	0.15	3.3	107	D	20	09/28/06 18:22
Titanium	47	0.50	3.3	1400	D	20	09/28/06 18:22
Zinc	66	0.81	16.5	78.8	EDB	20	09/28/06 18:22

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-002-008-1/2	Percent Moisture:	0.0
Client Sample ID:	A057 NWO-017-1010R	Prep Batch:	93919
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	0.0091	0.031	0.041		1	09/23/06 18:43

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-003-010-1/2	Percent Moisture:	0.0
Client Sample ID:	A053 NWO-017-1009R	Prep Batch:	93951
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	82.0	39300	ED	10	09/27/06 20:57
Antimony	121	0.14	0.82	0.14	UND	10	09/27/06 20:57
Barium	137	0.19	4.1	181	NDB	10	09/27/06 20:57
Cadmium	110	0.11	0.41	0.64	D	10	09/27/06 20:57
Chromium	52	0.23	1.6	117	EDB	10	09/27/06 20:57
Cobalt	59	0.014	0.41	76.5	ED	10	09/27/06 20:57
Copper	65	0.33	3.3	86.8	NDB	20	09/27/06 21:03
Iron	56	2.6	41.0	75600	ED	10	09/27/06 20:57
Lead	208	0.065	1.6	1.6	JD	10	09/27/06 20:57
Magnesium	25	1.5	82.0	12900	D	10	09/27/06 20:57
Manganese	55	0.047	1.6	1800	ED	10	09/27/06 20:57
Molybdenum	95	0.24	4.1	0.24	UND	10	09/27/06 20:57
Nickel	60	0.072	0.82	79.5	NED	10	09/27/06 20:57
Strontium	88	0.075	1.6	88.0	D	10	09/27/06 20:57
Titanium	47	0.49	3.3	4480	D	20	09/27/06 21:03
Zinc	66	0.40	8.2	66.5	EDB	10	09/27/06 20:57

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-003-010-1/2	Percent Moisture:	0.0
Client Sample ID:	A053 NWO-017-1009R	Prep Batch:	93919
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	0.0072	U	1	09/23/06 18:45

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-004-012-1/2	Percent Moisture:	0.0
Client Sample ID:	A051 NWO-017-0039R	Prep Batch:	93951
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	50000	ED	10	09/27/06 21:09
Antimony	121	0.14	0.80	0.14	UND	10	09/27/06 21:09
Barium	137	0.18	4.0	183	NDB	10	09/27/06 21:09
Cadmium	110	0.11	0.40	0.68	D	10	09/27/06 21:09
Chromium	52	0.22	1.6	147	EDB	10	09/27/06 21:09
Cobalt	59	0.014	0.40	65.3	ED	10	09/27/06 21:09
Copper	65	0.32	3.2	133	NDB	20	09/27/06 21:16
Iron	56	2.6	40.0	74200	ED	10	09/27/06 21:09
Lead	208	0.063	1.6	3.9	D	10	09/27/06 21:09
Magnesium	25	1.4	80.0	13200	D	10	09/27/06 21:09
Manganese	55	0.046	1.6	2300	ED	10	09/27/06 21:09
Molybdenum	95	0.23	4.0	0.24	JND	10	09/27/06 21:09
Nickel	60	0.070	0.80	73.9	NED	10	09/27/06 21:09
Strontium	88	0.074	1.6	78.4	D	10	09/27/06 21:09
Titanium	47	0.48	3.2	4900	D	20	09/27/06 21:16
Zinc	66	0.39	8.0	73.7	EDB	10	09/27/06 21:09

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-004-012-1/2	Percent Moisture:	0.0
Client Sample ID:	A051 NWO-017-0039R	Prep Batch:	93919
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	0.023	J	1	09/23/06 18:48

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-005-014-1/2	Percent Moisture:	0.0
Client Sample ID:	A052 NWO-017-0040R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.4	89.3	51300	ED	10	09/27/06 21:22
Antimony	121	0.15	0.89	0.15	UND	10	09/27/06 21:22
Barium	137	0.21	4.5	172	NDB	10	09/27/06 21:22
Cadmium	110	0.12	0.45	1.0	D	10	09/27/06 21:22
Chromium	52	0.25	1.8	175	EDB	10	09/27/06 21:22
Cobalt	59	0.015	0.45	62.7	ED	10	09/27/06 21:22
Copper	65	0.36	3.6	156	NDB	20	09/27/06 21:28
Iron	56	2.9	44.6	89200	ED	10	09/27/06 21:22
Lead	208	0.071	1.8	5.7	D	10	09/27/06 21:22
Magnesium	25	1.6	89.3	11100	D	10	09/27/06 21:22
Manganese	55	0.051	1.8	2260	ED	10	09/27/06 21:22
Molybdenum	95	0.26	4.5	0.40	JND	10	09/27/06 21:22
Nickel	60	0.079	0.89	73.5	NED	10	09/27/06 21:22
Strontium	88	0.082	1.8	50.4	D	10	09/27/06 21:22
Titanium	47	0.54	3.6	7490	D	20	09/27/06 21:28
Zinc	66	0.44	8.9	95.8	EDB	10	09/27/06 21:22

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-005-014-1/2	Percent Moisture:	0.0
Client Sample ID:	A052 NWO-017-0040R	Prep Batch:	93919
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	0.0091	0.031	0.023	J	1	09/23/06 18:50

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-006-005-1/3	Percent Moisture:	0.0
Client Sample ID:	A064 NWO-017-5001	Prep Batch:	93951
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	54000	ED	10	09/28/06 18:28
Antimony	121	0.14	0.81	0.14	UND	10	09/28/06 18:28
Barium	137	0.19	4.1	127	NDB	10	09/28/06 18:28
Cadmium	110	0.11	0.41	0.60	D	10	09/28/06 18:28
Chromium	52	0.23	1.6	243	EDB	10	09/28/06 18:28
Cobalt	59	0.014	0.41	80.6	EDB	10	09/28/06 18:28
Copper	65	0.33	3.3	133	NDB	20	09/28/06 18:59
Iron	56	2.6	40.7	83100	ED	10	09/28/06 18:28
Lead	208	0.064	1.6	3.5	D	10	09/28/06 18:28
Magnesium	25	1.5	81.3	15300	D	10	09/28/06 18:28
Manganese	55	0.046	1.6	2400	ED	10	09/28/06 18:28
Molybdenum	95	0.24	4.1	0.33	JND	10	09/28/06 18:28
Nickel	60	0.072	0.81	96.8	NEDB	10	09/28/06 18:28
Strontium	88	0.075	1.6	36.6	D	10	09/28/06 18:28
Titanium	47	0.49	3.3	5690	D	20	09/28/06 18:59
Zinc	66	0.40	8.1	79.2	EDB	10	09/28/06 18:28

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-006-005-1/3	Percent Moisture:	0.0
Client Sample ID:	A064 NWO-017-5001	Prep Batch:	93919
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	0.0095	0.033	0.067		1	09/23/06 18:52

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-007-002-1/1	Percent Moisture:	0.0
Client Sample ID:	A019 NWO-017-0018R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.071	1.8	13.5	D	10	09/27/06 22:54

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-008-003-1/1	Percent Moisture:	0.0
Client Sample ID:	A019 NWO-017-0018FDR	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.069	1.8	13.8	D	10	09/27/06 23:00

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-009-004-1/1	Percent Moisture:	0.0
Client Sample ID:	A018 NWO-017-0017R	Prep Batch:	93952
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.068	1.7	29.1	D	10	09/28/06 19:54

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	BLK93951	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93951
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	2.7	UED	10	09/27/06 18:05
Antimony	121	0.17	1.0	0.17	UND	10	09/27/06 18:05
Barium	137	0.23	5.0	0.23	UND	10	09/27/06 18:05
Cadmium	110	0.14	0.50	0.14	UD	10	09/27/06 18:05
Chromium	52	0.28	2.0	0.86	JED	10	09/27/06 18:05
Cobalt	59	0.017	0.50	0.017	UED	10	09/27/06 18:05
Copper	65	0.20	2.0	0.20	UND	10	09/27/06 18:05
Iron	56	3.2	50.0	3.2	UED	10	09/27/06 18:05
Lead	208	0.079	2.0	0.079	UD	10	09/27/06 18:05
Magnesium	25	1.8	100	1.8	UD	10	09/27/06 18:05
Manganese	55	0.057	2.0	0.057	UED	10	09/27/06 18:05
Molybdenum	95	0.29	5.0	0.29	UND	10	09/27/06 18:05
Nickel	60	0.088	1.0	0.088	UNED	10	09/27/06 18:05
Strontium	88	0.092	2.0	0.092	UD	10	09/27/06 18:05
Titanium	47	0.30	2.0	0.30	UD	10	09/27/06 18:05
Zinc	66	0.49	10.0	0.49	UED	10	09/27/06 18:05

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	BLK93952	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93952
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.079	2.0	0.079	UD	10	09/28/06 19:42

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	BLK93919	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93919
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	09/23/06 17:55

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

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/27/2006 4:29:02 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	503.10	101						
Antimony	40.0	41.86	105						
Barium	40.0	41.31	103						
Chromium	40.0	38.80	97						
Cobalt	40.0	40.01	100						
Copper	40.0	40.74	102						
Iron	500.0	524.93	105						
Lead	40.0	40.42	101						
Magnesium	5000.0	4864.33	97						
Manganese	40.0	40.55	101						
Molybdenum	40.0	40.52	101						
Nickel	40.0	41.31	103						
Strontium	40.0	41.17	103						
Titanium	40.0	40.66	102						
Zinc	40.0	40.85	102						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(LiBCd) 9/27/2006 4:34:11 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.90	97						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/28/2006 5:09:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	511.20	102						
Antimony	40.0	41.55	104						
Barium	40.0	41.82	105						
Chromium	40.0	39.06	98						
Cobalt	40.0	41.08	103						
Copper	40.0	40.74	102						
Iron	500.0	528.27	106						
Lead	40.0	40.55	101						
Magnesium	5000.0	5113.33	102						
Manganese	40.0	41.40	104						
Molybdenum	40.0	40.55	101						
Nickel	40.0	41.49	104						
Strontium	40.0	41.20	103						
Titanium	40.0	41.08	103						
Zinc	40.0	41.79	104						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(CD) 9/28/2006 5:15:01 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.82	96						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 9/23/2006 4:06:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.27	109						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/27/2006 4:44:24 PM		CCV2 9/27/2006 5:53:10 PM		CCV3 9/27/2006 7:13:10 PM		CCV4 9/27/2006 8:32:59 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5049.67	101	4929.33	99	5007.00	100	5036.67	101
Antimony	50.0	49.87	100	51.46	103	51.21	102	51.30	103
Barium	50.0	48.89	98	49.65	99	49.80	100	49.18	98
Cadmium	50.0	48.92	98	49.26	99	50.15	100	49.55	99
Chromium	50.0	48.71	97	49.81	100	49.17	98	49.47	99
Cobalt	50.0	47.97	96	48.00	96	48.18	96	48.17	96
Copper	50.0	49.12	98	50.15	100	50.01	100	49.71	99
Iron	5000.0	5016.33	100	4979.67	100	5067.00	101	5058.33	101
Lead	50.0	49.13	98	49.31	99	49.39	99	49.36	99
Magnesium	10000.0	9857.00	99	9602.00	96	9746.33	97	9777.00	98
Manganese	50.0	48.60	97	48.26	97	48.79	98	48.47	97
Molybdenum	50.0	49.87	100	50.29	101	51.07	102	50.50	101
Nickel	50.0	49.04	98	49.46	99	49.25	99	49.88	100
Strontium	50.0	49.96	100	49.96	100	50.22	100	50.50	101
Titanium	50.0	48.86	98	48.50	97	48.75	98	49.67	99
Zinc	50.0	48.00	96	49.05	98	49.66	99	49.51	99

GPL Laboratories, LLLP
Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/27/2006 9:52:57 PM		CCV6 9/27/2006 11:06:42 PM					
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5024.33	100	5116.67	102				
Antimony	50.0	51.48	103	51.50	103				
Barium	50.0	50.08	100	50.31	101				
Cadmium	50.0	49.65	99	50.04	100				
Chromium	50.0	49.31	99	50.16	100				
Cobalt	50.0	48.30	97	48.58	97				
Copper	50.0	49.58	99	50.58	101				
Iron	5000.0	5067.00	101	5121.67	102				
Lead	50.0	49.46	99	49.17	98				
Magnesium	10000.0	9836.67	98	9987.00	100				
Manganese	50.0	48.68	97	48.76	98				
Molybdenum	50.0	50.43	101	50.79	102				
Nickel	50.0	49.72	99	50.54	101				
Strontium	50.0	50.48	101	50.68	101				
Titanium	50.0	48.65	97	49.40	99				
Zinc	50.0	49.82	100	49.49	99				

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/28/2006 5:27:16 PM		CCV2 9/28/2006 6:10:04 PM		CCV3 9/28/2006 7:23:38 PM		CCV4 9/28/2006 8:37:16 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4985.67	100	4990.00	100	5089.33	102	5142.67	103
Antimony	50.0	50.25	101	50.35	101	50.76	102	50.30	101
Barium	50.0	48.63	97	48.38	97	48.92	98	48.78	98
Cadmium	50.0	49.46	99	49.11	98	49.62	99	50.21	100
Chromium	50.0	48.18	96	48.20	96	47.87	96	48.29	97
Cobalt	50.0	48.37	97	49.03	98	49.28	99	49.38	99
Copper	50.0	48.37	97	48.90	98	49.30	99	49.15	98
Iron	5000.0	5035.00	101	5021.33	100	5103.33	102	5192.33	104
Lead	50.0	48.89	98	49.07	98	48.95	98	48.81	98
Magnesium	10000.0	9499.33	95	9478.33	95	9568.00	96	10051.00	101
Manganese	50.0	48.91	98	49.03	98	49.04	98	49.80	100
Molybdenum	50.0	49.77	100	51.01	102	49.24	98	49.20	98
Nickel	50.0	48.85	98	49.11	98	49.74	99	49.23	98
Strontium	50.0	49.79	100	49.28	99	48.85	98	49.37	99
Titanium	50.0	49.72	99	49.64	99	49.63	99	49.62	99
Zinc	50.0	49.23	98	49.73	99	50.17	100	49.57	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 9/23/2006 4:13:25 PM		Ck5 CCV2 9/23/2006 4:40:18 PM		Ck5 CCV3 9/23/2006 5:09:05 PM		Ck5 CCV4 9/23/2006 5:38:17 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	4.86	97	4.76	95	4.60	92	5.18	104

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV5 9/23/2006 6:11:55 PM		Ck5 CCV6 9/23/2006 6:39:21 PM		Ck5 CCV7 9/23/2006 7:05:42 PM			
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.26	105	5.24	105	5.25	105		

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/27/2006 4:54:41 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	96.57	97						
Antimony	1.0	1.13	113						
Barium	5.0	5.10	102						
Cadmium	0.5	0.52	105						
Chromium	2.0	2.20	110						
Cobalt	1.0	0.99	99						
Copper	2.0	2.17	108						
Iron	50.0	48.20	96						
Lead	2.0	1.94	97						
Magnesium	100.0	96.67	97						
Manganese	2.0	2.00	100						
Molybdenum	5.0	5.03	101						
Nickel	1.0	1.13	113						
Strontium	2.0	2.01	100						
Titanium	2.0	1.90	95						
Zinc	10.0	10.20	102						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/28/2006 5:39:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.87	103						
Antimony	1.0	1.10	110						
Barium	5.0	5.36	107						
Cadmium	0.5	0.51	101						
Chromium	2.0	1.61	81						
Cobalt	1.0	1.02	102						
Copper	2.0	2.12	106						
Iron	50.0	43.30	87						
Lead	2.0	1.96	98						
Magnesium	100.0	95.56	96						
Manganese	2.0	1.98	99						
Molybdenum	5.0	5.05	101						
Nickel	1.0	1.11	111						
Strontium	2.0	1.96	98						
Titanium	2.0	2.06	103						
Zinc	10.0	9.95	99						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck4 CRA 9/23/2006 4:11:06 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.19	94						

GPL Laboratories, LLLP
Initial Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/27/2006 4:39:18 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	0.69	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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/28/2006 5:21:09 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	0.28	U						
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:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 9/23/2006 4:09:00 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U						

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/27/2006 4:49:34 PM		CCB2 9/27/2006 5:59:21 PM		CCB3 9/27/2006 7:19:21 PM		CCB4 9/27/2006 8:39:07 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	0.42	J	0.28	U	0.28	U	0.42	J
Cobalt	0.50	0.02	U	0.02	U	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	0.06	U
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	0.30	U	0.30	U	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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/27/2006 9:59:05 PM		CCB6 9/27/2006 11:12:53 PM					
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	3.25	J				
Antimony	1.00	0.17	U	0.17	U				
Barium	5.00	0.23	U	0.23	U				
Cadmium	0.50	0.14	U	0.14	U				
Chromium	2.00	0.60	J	0.42	J				
Cobalt	0.50	0.02	U	0.02	J				
Copper	2.00	0.20	U	0.20	U				
Iron	50.00	3.30	J	7.48	J				
Lead	2.00	0.08	U	0.08	U				
Magnesium	100.00	1.80	U	4.40	J				
Manganese	2.00	0.06	U	0.12	J				
Molybdenum	5.00	0.29	U	0.29	U				
Nickel	1.00	0.09	U	0.09	U				
Strontium	2.00	0.09	U	0.09	U				
Titanium	2.00	0.30	U	0.30	U				
Zinc	10.00	0.49	U	0.49	U				

GPL Laboratories, LLLP
Continuing Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/28/2006 5:33:24 PM		CCB2 9/28/2006 6:16:12 PM		CCB3 9/28/2006 7:29:47 PM		CCB4 9/28/2006 8:43:26 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U	6.12	J
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	0.28	U	0.28	U	0.28	U
Cobalt	0.50	0.02	U	0.02	U	0.02	U	0.03	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	3.20	U	7.32	J
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	3.63	J
Manganese	2.00	0.06	U	0.06	U	0.06	U	0.42	J
Molybdenum	5.00	0.29	U	0.44	J	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	0.30	U	0.30	U	0.43	J
Zinc	10.00	0.49	U	0.49	U	0.49	U	0.49	U

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Continuing Calibration Blanks

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 9/23/2006 4:15:31 PM		Ck6 CCB2 9/23/2006 4:42:27 PM		Ck6 CCB3 9/23/2006 5:11:21 PM		Ck6 CCB4 9/23/2006 5:40:29 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U	0.06	U

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB5 9/23/2006 6:14:06 PM		Ck6 CCB6 9/23/2006 6:41:31 PM		Ck6 CCB7 9/23/2006 7:08:08 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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/27/06 17:05	%R	ICSAB 09/27/06 17:10	%R		%R		%R
Aluminum	100		100000	102000	102	98200	98				
Antimony	1		20	0.19		18.2	91				
Barium	5		20	0.52		20.6	103				
Cadmium	0.5		20	-0.052		16.9	84				
Chromium	2		20	1.4		20.2	101				
Cobalt	0.5		20	-0.017		18.3	91				
Copper	2		20	0.76		17.6	88				
Iron	50		250000	254000	102	247000	99				
Lead	2		20	0.13		21.1	105				
Magnesium	100		100000	97000	97	94200	94				
Manganese	2		20	-0.046		18.7	93				
Molybdenum	5		2000	2160	108	2120	106				
Nickel	1		20	-0.0033		17.9	89				
Strontium	2		20	4.6		25.6	128				
Titanium	2		2000	2120	106	2070	103				
Zinc	10		20	1.4		17.1	85				

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Interference Check Standards

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/28/06 17:45	%R	ICSAB 09/28/06 17:51	%R		%R		%R
Aluminum	100		100000	98700	99	98900	99				
Antimony	1		20	0.19		18.5	92				
Barium	5		20	0.54		20.0	100				
Cadmium	0.5		20	0.12		17.1	85				
Chromium	2		20	0.57		19.1	95				
Cobalt	0.5		20	0.081		18.2	91				
Copper	2		20	0.67		17.1	86				
Iron	50		250000	246000	99	246000	98				
Lead	2		20	0.13		20.4	102				
Magnesium	100		100000	96400	96	93400	93				
Manganese	2		20	0.061		18.8	94				
Molybdenum	5		2000	1990	100	1970	99				
Nickel	1		20	0.27		17.4	87				
Strontium	2		20	4.2		24.3	121				
Titanium	2		2000	2070	/a3	2070	103				
Zinc	10		20	1.6		17.6	88				

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Matrix Spike Recovery

Client ID:	A064 NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:34		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	66826.77		53981.03		787.40	1631
Antimony	1.29		0.14	U	7.87	16
Barium	224.91		126.99		78.74	124
Cadmium	9.19		0.60		7.87	109
Chromium	297.56		243.25		39.37	138
Cobalt	120.71		80.57		39.37	102
Iron	91076.12		83143.63		787.40	1007
Lead	91.08		3.46		78.74	111
Magnesium	17758.53		15314.36		787.40	310
Manganese	2633.60		2399.19		78.74	298
Molybdenum	29.70		0.33	J	39.37	75
Nickel	147.17		96.80		39.37	128
Strontium	117.24		36.65		78.74	102
Zinc	153.57		79.22		78.74	94

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Matrix Spike Recovery

Client ID:	A064 NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:05		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	203.62		133.07		39.37	179
Titanium	6695.54		5693.22		157.48	636

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Matrix Spike Recovery

Client ID:	NWO-011-0010 MS	Lab Sample ID:	SP609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 20:06		Sample Result 09/28/06 20:00		Spike Added	%R
Lead	122.25		34.14		83.33	106

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Matrix Spike Recovery

Client ID:	A064 NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:54	Sample Result 09/23/06 18:52	Spike Added	%R
Mercury	0.58	0.07	0.47	111

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Matrix Spike Duplicate Recovery

Client ID:	A064 NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:40		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	65937.98		53981.03		775.19	1542
Antimony	1.29		0.14	U	7.75	17
Barium	229.17		126.99		77.52	132
Cadmium	8.49		0.60		7.75	102
Chromium	282.48		243.25		38.76	101
Cobalt	116.64		80.57		38.76	93
Iron	88863.05		83143.63		775.19	738
Lead	86.36		3.46		77.52	107
Magnesium	17695.09		15314.36		775.19	307
Manganese	2499.48		2399.19		77.52	129
Molybdenum	28.65		0.33	J	38.76	73
Nickel	142.76		96.80		38.76	119
Strontium	115.99		36.65		77.52	102
Zinc	150.10		79.22		77.52	91

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	A064 NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:11		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	182.12		133.07		38.76	127
Titanium	6025.84		5693.22		155.04	215

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	NWO-011-0010 MSD	Lab Sample ID:	SD609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 20:12		Sample Result 09/28/06 20:00		Spike Added	%R
Lead	115.08		34.14		80.65	100

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	A064 NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:56		Sample Result 09/23/06 18:52		Spike Added	%R
Mercury	0.58		0.07		0.47	110

GPL Laboratories, LLLP

Post Digestion Spike Recovery

Client ID:	A064 NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:46		Sample Result 09/28/06 18:28		Spike Added	%R
Antimony	79.74		0.17	U	80	100
Barium	171.10		156.20		20	75
Molybdenum	30.06		0.41	J	30	99
Nickel	148.90		119.07		40	75

GPL Laboratories, LLLP

Post Digestion Spike Recovery

Client ID:	A064 NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:17		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	106.47		81.84		30	82

GPL Laboratories, LLLP

Duplicates (RPD)

Client ID:	A064 NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv

dp 10/3/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results		MATRIX SPIKE Duplicate Sample Results		RPD	Control Limit	Q
Aluminum	66826.77		65937.98		1	20	ED
Antimony	1.29		1.29		0	20	ND
Barium	224.91		229.17		2	20	ND
Cadmium	9.19		8.49		8	20	D
Chromium	297.56		282.48		5	20	ED
Cobalt	120.71		116.64		3	20	ED
Copper	203.62		182.12		11	20	ND
Iron	91076.12		88863.05		2	20	ED
Lead	91.08		86.36		5	20	D
Magnesium	17758.53		17695.09		0	20	D
Manganese	2633.60		2499.48		5	20	ED
Molybdenum	29.70		28.65		4	20	ND
Nickel	147.17		142.76		3	20	NED
Strontium	117.24		115.99		1	20	D
Titanium	6695.54		6025.84		11	20	D
Zinc	153.57		150.10		2	20	ED

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Duplicates (RPD)

Client ID:	NWO-011-0010 MSD	Lab Sample ID:	SD609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv

10/3/06 dp

Analyte	MATRIX SPIKE ~~Original~~ Sample Results		MATRIX SPIKE Duplicate Sample Results		RPD	Control Limit	Q
Lead	122.25		115.08		6	20	D

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Duplicates (RPD)

Client ID:	A064 NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN

dp 10/3/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results	MATRIX SPIKE Duplicate Sample Results	RPD	Control Limit	Q
Mercury	0.58	0.58	1	20	

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Laboratory Control Sample

Project:	609054	Lab Sample ID:	BKS93951
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/27/06 18:11	Spike Added	%R
Aluminum	1060.00	1000.00	106
Antimony	10.52	10.00	105
Barium	111.13	100.00	111
Cadmium	11.00	10.00	110
Chromium	55.21	50.00	110
Cobalt	53.70	50.00	107
Copper	55.84	50.00	112
Iron	1086.33	1000.00	109
Lead	108.07	100.00	108
Magnesium	1053.00	1000.00	105
Manganese	107.47	100.00	107
Molybdenum	52.80	50.00	106
Nickel	55.32	50.00	111
Strontium	110.53	100.00	111
Titanium	204.43	200.00	102
Zinc	107.60	100.00	108

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Laboratory Control Sample

Project:	609054	Lab Sample ID:	BKS93952
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:48	Spike Added	%R
Lead	103.23	100.00	103

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Laboratory Control Sample

Project:	609054HG	Lab Sample ID:	BKS93919
Units:	mg/kg	Instrument:	7471H
		Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 17:57	Spike Added	%R
Mercury	0.49	0.50	98

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Serial Dilutions

Client ID:	A064 NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:28		Serial Dilution Result 09/28/06 18:52		Percent Difference	Flag
Aluminum	66396.67		74883.33		13	E
Antimony	0.17	U	0.85	U		
Barium	156.20		154.90		1	
Cadmium	0.73		0.74	J	0	
Chromium	299.20		350.28		17	E
Cobalt	99.10		111.17		12	E
Iron	102266.67		112883.33		10	E
Lead	4.26		4.19	J	2	
Magnesium	18836.67		18915.00		0	
Manganese	2951.00		3254.00		10	E
Molybdenum	0.41	J	1.45	U	100	
Nickel	119.07		137.22		15	E
Strontium	45.08		47.56		6	
Zinc	97.44		122.88		26	E

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Serial Dilutions

Client ID:	A064 NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:59		Serial Dilution Result 09/28/06 19:35		Percent Difference	Flag
Copper	81.84		84.52		3	
Titanium	3501.33		3690.17		5	

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Serial Dilutions

Client ID:	NWO-011-0010	Lab Sample ID:	SE609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 20:00		Serial Dilution Result 09/28/06 20:24		Percent Difference	Flag
Lead	40.28		36.67		9	

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Detection Limits

Project: 609054 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: 609054HG 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: 609054 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR 10/3/06 dg
Aluminum	27	110000	~~04/14/06~~ 5/28/06
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: 609054 Instrument: 3050X

Prep Method: Batch Number: 93951

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93951	BLK93951	09/21/2006	1.00	100
BKS93951	BKS93951	09/21/2006	1.00	100
S 609054-001-001-1/1	A014 NWO-017-0013	09/21/2006	1.13	100
S 609054-008-003-1/1	A019 NWO-017-0018FDR	09/21/2006	1.14	100
S 609054-007-002-1/1	A019 NWO-017-0018R	09/21/2006	1.12	100
S 609054-004-012-1/2	A051 NWO-017-0039R	09/21/2006	1.25	100
S 609054-005-014-1/2	A052 NWO-017-0040R	09/21/2006	1.12	100
S 609054-003-010-1/2	A053 NWO-017-1009R	09/21/2006	1.22	100
S 609054-002-008-1/2	A057 NWO-017-1010R	09/21/2006	1.21	100
S 609054-006-005-1/3	A064 NWO-017-5001	09/21/2006	1.23	100
SP609054-006-005-1/3	A064 NWO-017-5001 MS	09/21/2006	1.27	100
SD609054-006-005-1/3	A064 NWO-017-5001 MSD	09/21/2006	1.29	100

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Preparation Log

Project: 609054 Instrument: 3050X

Prep Method: Batch Number: 93952

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93952	BLK93952	09/21/2006	1.00	100
BKS93952	BKS93952	09/21/2006	1.00	100
S 609054-009-004-1/1	A018 NWO-017-0017R	09/21/2006	1.17	100
S 609069-001-013-1/6	NWO-011-0010	09/21/2006	1.18	100
SP609069-001-013-1/6	NWO-011-0010 MS	09/21/2006	1.20	100
SD609069-001-013-1/6	NWO-011-0010 MSD	09/21/2006	1.24	100

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Preparation Log

Project: 609054HG Instrument: 7471H

Prep Method: Batch Number: 93919

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93919	BLK93919	09/22/2006	0.60	100
BKS93919	BKS93919	09/22/2006	0.60	100
S 609054-004-012-1/2	A051 NWO-017-0039R	09/22/2006	0.68	100
S 609054-005-014-1/2	A052 NWO-017-0040R	09/22/2006	0.64	100
S 609054-003-010-1/2	A053 NWO-017-1009R	09/22/2006	0.81	100
S 609054-002-008-1/2	A057 NWO-017-1010R	09/22/2006	0.64	100
S 609054-006-005-1/3	A064 NWO-017-5001	09/22/2006	0.61	100
SP609054-006-005-1/3	A064 NWO-017-5001 MS	09/22/2006	0.64	100
SD609054-006-005-1/3	A064 NWO-017-5001 MSD	09/22/2006	0.65	100

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Analysis Run Log

Project: 609054 Instrument: 3050X

Data File Name: 060927MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/27/06	3:37 PM
STD1		09/27/06	3:58 PM
STD2		09/27/06	4:03 PM
STD3		09/27/06	4:08 PM
STD4		09/27/06	4:13 PM
STD5		09/27/06	4:18 PM
STD6		09/27/06	4:23 PM
ICV		09/27/06	4:29 PM
ICV(LiBCd)		09/27/06	4:34 PM
ICB		09/27/06	4:39 PM
CCV1		09/27/06	4:44 PM
CCB1		09/27/06	4:49 PM
PQL		09/27/06	4:54 PM
ICSA		09/27/06	5:05 PM
ICSAB		09/27/06	5:10 PM
CCV2		09/27/06	5:53 PM
CCB2		09/27/06	5:59 PM
BLK93951	BLK93951	09/27/06	6:05 PM
BKS93951	BKS93951	09/27/06	6:11 PM
CCV3		09/27/06	7:13 PM
CCB3		09/27/06	7:19 PM
S 609054-001-001-1/1	A014 NWO-017-0013	09/27/06	8:20 PM
CCV4		09/27/06	8:32 PM
CCB4		09/27/06	8:39 PM
S 609054-001-001-1/1	A014 NWO-017-0013	09/27/06	8:45 PM
S 609054-003-010-1/2	A053 NWO-017-1009R	09/27/06	8:57 PM
S 609054-003-010-1/2	A053 NWO-017-1009R	09/27/06	9:03 PM
S 609054-004-012-1/2	A051 NWO-017-0039R	09/27/06	9:09 PM
S 609054-004-012-1/2	A051 NWO-017-0039R	09/27/06	9:16 PM
S 609054-005-014-1/2	A052 NWO-017-0040R	09/27/06	9:22 PM
S 609054-005-014-1/2	A052 NWO-017-0040R	09/27/06	9:28 PM
CCV5		09/27/06	9:52 PM
CCB5		09/27/06	9:59 PM
S 609054-007-002-1/1	A019 NWO-017-0018R	09/27/06	10:54 PM
S 609054-008-003-1/1	A019 NWO-017-0018FDR	09/27/06	11:00 PM
CCV6		09/27/06	11:06 PM
CCB6		09/27/06	11:12 PM

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Analysis Run Log

Project: 609054 Instrument: 3050X

Data File Name: 060928MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/28/06	4:34 PM
STD1		09/28/06	4:39 PM
STD2		09/28/06	4:44 PM
STD3		09/28/06	4:49 PM
STD4		09/28/06	4:54 PM
STD5		09/28/06	4:59 PM
STD6		09/28/06	5:04 PM
ICV		09/28/06	5:09 PM
ICV(CD)		09/28/06	5:15 PM
ICB		09/28/06	5:21 PM
CCV1		09/28/06	5:27 PM
CCB1		09/28/06	5:33 PM
PQL		09/28/06	5:39 PM
ICSA		09/28/06	5:45 PM
ICSAB		09/28/06	5:51 PM
CCV2		09/28/06	6:10 PM
CCB2		09/28/06	6:16 PM
S 609054-002-008-1/2	A057 NWO-017-1010R	09/28/06	6:22 PM
S 609054-006-005-1/3	A064 NWO-017-5001	09/28/06	6:28 PM
SP609054-006-005-1/3	A064 NWO-017-5001 MS	09/28/06	6:34 PM
SD609054-006-005-1/3	A064 NWO-017-5001 MSD	09/28/06	6:40 PM
PS609054-006-005-1/3	A064 NWO-017-5001	09/28/06	6:46 PM
SE609054-006-005-1/3	A064 NWO-017-5001	09/28/06	6:52 PM
S 609054-006-005-1/3	A064 NWO-017-5001	09/28/06	6:59 PM
SP609054-006-005-1/3	A064 NWO-017-5001 MS	09/28/06	7:05 PM
SD609054-006-005-1/3	A064 NWO-017-5001 MSD	09/28/06	7:11 PM
PS609054-006-005-1/3	A064 NWO-017-5001	09/28/06	7:17 PM
CCV3		09/28/06	7:23 PM
CCB3		09/28/06	7:29 PM
SE609054-006-005-1/3	A064 NWO-017-5001	09/28/06	7:35 PM
BLK93952	BLK93952	09/28/06	7:42 PM
BKS93952	BKS93952	09/28/06	7:48 PM
S 609054-009-004-1/1	A018 NWO-017-0017R	09/28/06	7:54 PM
S 609069-001-013-1/6	NWO-011-0010	09/28/06	8:00 PM
SP609069-001-013-1/6	NWO-011-0010 MS	09/28/06	8:06 PM
SD609069-001-013-1/6	NWO-011-0010 MSD	09/28/06	8:12 PM
SE609069-001-013-1/6	NWO-011-0010	09/28/06	8:24 PM
CCV4		09/28/06	8:37 PM
CCB4		09/28/06	8:43 PM

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Analysis Run Log

Project: 609054HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		09/23/06	3:06 PM
Std01Rep2		09/23/06	3:08 PM
Std01Rep3		09/23/06	3:11 PM
Std02Rep1		09/23/06	3:14 PM
Std02Rep2		09/23/06	3:16 PM
Std02Rep3		09/23/06	3:18 PM
Std03Rep1		09/23/06	3:20 PM
Std03Rep2		09/23/06	3:22 PM
Std03Rep3		09/23/06	3:25 PM
Std04Rep1		09/23/06	3:27 PM
Std04Rep2		09/23/06	3:29 PM
Std04Rep3		09/23/06	3:31 PM
Std05Rep1		09/23/06	3:33 PM
Std05Rep2		09/23/06	3:36 PM
Std05Rep3		09/23/06	3:38 PM
Std06Rep1		09/23/06	3:40 PM
Std06Rep2		09/23/06	3:42 PM
Std06Rep3		09/23/06	3:44 PM
Ck2 ICV		09/23/06	4:06 PM
Ck3 ICB		09/23/06	4:09 PM
Ck4 CRA		09/23/06	4:11 PM
Ck5 CCV1		09/23/06	4:13 PM
Ck6 CCB1		09/23/06	4:15 PM
Ck5 CCV2		09/23/06	4:40 PM
Ck6 CCB2		09/23/06	4:42 PM
Ck5 CCV3		09/23/06	5:09 PM
Ck6 CCB3		09/23/06	5:11 PM
Ck5 CCV4		09/23/06	5:38 PM
Ck6 CCB4		09/23/06	5:40 PM
BLK93919	BLK93919	09/23/06	5:55 PM
BKS93919	BKS93919	09/23/06	5:57 PM
Ck5 CCV5		09/23/06	6:11 PM
Ck6 CCB5		09/23/06	6:14 PM
Ck5 CCV6		09/23/06	6:39 PM
Ck6 CCB6		09/23/06	6:41 PM
S 609054-002-008-1/2	A057 NWO-017-1010R	09/23/06	6:43 PM
S 609054-003-010-1/2	A053 NWO-017-1009R	09/23/06	6:45 PM
S 609054-004-012-1/2	A051 NWO-017-0039R	09/23/06	6:48 PM
S 609054-005-014-1/2	A052 NWO-017-0040R	09/23/06	6:50 PM

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Analysis Run Log

Project: 609054HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
S 609054-006-005-1/3	A064 NWO-017-5001	09/23/06	6:52 PM
SP609054-006-005-1/3	A064 NWO-017-5001 MS	09/23/06	6:54 PM
SD609054-006-005-1/3	A064 NWO-017-5001 MSD	09/23/06	6:56 PM
Ck5 CCV7		09/23/06	7:05 PM
Ck6 CCB7		09/23/06	7:08 PM

ICPMS ANALYSIS LOG

Instrument ID: ICPMS (X0206) Inst. Method: 6020A Nebulizer: CMIKAI

Analytical Batch No: 060927MS

Workorder	Project/SDG #	Prep. Seq.	Batch #	Matrix s/w/e	Prep. Date	Method	Comments / Dilution
609053	SHAW		136	S	9.21.06	6020A	10x ON ALL + 20x ON 008-011 / 50x ON 012
609054	↓	↓	↓	↓	↓	↓	10x ON ALL + 20x ON 001, 003-006
608187	↓		133	↓	9.20.06	↓	10x ON ALL
609066	PROXTRONICS			W		200.8	
609102	SHAW		139	↓	9.22.06	6020A	
609105	↓	↓	↓	↓	↓	↓	
609043	EA		141	S	↓	↓	10x ON ALL
609075	SHAW	↓	↓	↓	↓	↓	↓
609104	EA	↓	↓	↓	↓	↓	↓
		9.28.06					

Source Solution Numbers				Post Digestion Spikes
Stds.	Number	Stds.	Number	Spike 9.9 mls of sample with 0.1 mls of 35664
S0	129-102-04	ICV	38188	Samples:
S1	37871	CCV	38168	609054-006-005-1/3
S2	37872	ICSA	38169	608187-005-001-1/3
S3	37873	ICSAB	38170	609102-001-008-1/1
S4	38185	CRI STD6	38187	609105-005-006-1/3
S5	38186	Low Ck	38153	609043-004-013-1/3
Ints	38171	LR	37926	609075-005-009-1/3

Analyst: [signature] Date: 9.28.06 Reviewed: RA Date: 9-27-06

ICP ANALYSIS LOG

GPL - Maryland Laboratory | ICPMS Analysis Log | Data File: 060927MS.csv

Seq	Sample Name	Dil	Date	Time
1	BLANK		10/27/2006	15:37
2	STD7		10/27/2006	15:43
3	STD8		10/27/2006	15:49
4	STD9		10/27/2006	15:53
5	STD1		10/27/2006	15:58
6	STD2		10/27/2006	16:03
7	STD3		10/27/2006	16:08
8	STD4		10/27/2006	16:13
9	STD5		10/27/2006	16:18
10	STD6		10/27/2006	16:23
11	ICV		10/27/2006	16:29
12	ICV(LIBCd)		10/27/2006	16:34
13	ICB		10/27/2006	16:39
14	CCV		10/27/2006	16:44
15	CCB		10/27/2006	16:49
16	PQL		10/27/2006	16:54
17	PQL(LI)		10/27/2006	16:59
18	ICSA		10/27/2006	17:05
19	ICSAB		10/27/2006	17:10
20	ICSAB(LI)		10/27/2006	17:22
21	LR		10/27/2006	17:28
22	LR(LIB)		10/27/2006	17:34
23	CCV		10/27/2006	17:53
24	CCB		10/27/2006	17:59
25	BLK(139)		10/27/2006	18:05
26	BKS(139)		10/27/2006	18:11
27	S 609053-001-001-1/2		10/27/2006	18:17
28	S 609053-002-003-1/2		10/27/2006	18:23
29	S 609053-003-005-1/2		10/27/2006	18:30
30	S 609053-004-011-1/1		10/27/2006	18:36

Seq	Sample Name	Dil	Date	Time
31	S 609053-005-012-1/1		10/27/2006	18:42
32	S 609053-006-013-1/1		10/27/2006	18:48
33	S 609053-007-014-1/1		10/27/2006	18:54
34	S 609053-008-015-1/1		10/27/2006	19:00
35	CCV		10/27/2006	19:13
36	CCB		10/27/2006	19:19
37	S 609053-008-015-1/1		10/27/2006	19:25
38	S 609053-009-016-1/1		10/27/2006	19:31
39	S 609053-009-016-1/1		10/27/2006	19:37
40	S 609053-010-007-1/2		10/27/2006	19:43
41	S 609053-010-007-1/2		10/27/2006	19:50
42	S 609053-011-008-1/2		10/27/2006	19:56
43	S 609053-011-008-1/2		10/27/2006	20:02
44	S 609053-012-017-1/1		10/27/2006	20:08
45	S 609053-012-017-1/1		10/27/2006	20:14
46	S 609054-001-001-1/1		10/27/2006	20:20
47	CCV		10/27/2006	20:32
48	CCB		10/27/2006	20:38
49	S 609054-001-001-1/1		10/27/2006	20:45
50	S 609054-002-008-1/2		10/27/2006	20:51
51	S 609054-003-010-1/2		10/27/2006	20:57
52	S 609054-003-010-1/2		10/27/2006	21:03
53	S 609054-004-012-1/2		10/27/2006	21:09
54	S 609054-004-012-1/2		10/27/2006	21:16
55	S 609054-005-014-1/2		10/27/2006	21:22
56	S 609054-005-014-1/2		10/27/2006	21:28
57	S 609054-006-005-1/3		10/27/2006	21:34
58	SP609054-006-005-1/		10/27/2006	21:40
59	CCV		10/27/2006	21:52
60	CCB		10/27/2006	21:58

Seq	Sample Name	Dil	Date	Time
61	SD609054-006-005-1/		10/27/2006	22:05
62	PS609054-006-005-1/		10/27/2006	22:11
63	SE609054-006-005-1/		10/27/2006	22:17
64	S 609054-006-005-1/3		10/27/2006	22:23
65	SP609054-006-005-1/		10/27/2006	22:29
66	SD609054-006-005-1/		10/27/2006	22:36
67	PS609054-006-005-1/		10/27/2006	22:42
68	SE609054-006-005-1/		10/27/2006	22:48
69	S 609054-007-002-1/1		10/27/2006	22:54
70	S 609054-008-003-1/1		10/27/2006	23:00
71	CCV		10/27/2006	23:06
72	CCB		10/27/2006	23:12
73	BLK(133)		10/27/2006	23:19
74	BKS(133)		10/27/2006	23:25
75	S 609107-005-001-1/3		10/27/2006	23:31
76	SP609107-005-001-1/		10/27/2006	23:37
77	SD609107-005-001-1/		10/27/2006	23:43
78	PS609107-005-001-1/		10/27/2006	23:49
79	SE609107-005-001-1/		10/27/2006	23:56
80	S 609080-005-046-1/1		10/28/2006	0:02
81	S 609080-006-047-1/1		10/28/2006	0:08
82	S 609080-007-048-1/1		10/28/2006	0:14
83	CCV		10/28/2006	0:20
84	CCB		10/28/2006	0:26
85	S 609080-008-049-1/1		10/28/2006	0:33
86	S 609080-009-050-1/1		10/28/2006	0:39
87	S 609080-010-051-1/1		10/28/2006	0:45
88	S 609080-011-052-1/1		10/28/2006	0:51
89	S 609080-012-053-1/1		10/28/2006	0:57
90	S 609080-013-054-1/1		10/28/2006	1:03

Seq	Sample Name	Dil	Date	Time
91	BLK(139)		10/28/2006	1:09
92	ICSA		10/28/2006	1:16
93	ICSAB		10/28/2006	1:22
94	ICSAB(LI)		10/28/2006	1:28
95	CCV		10/28/2006	1:40
96	CCB		10/28/2006	1:46
97	BKS(139)		10/28/2006	1:52
98	S 609102-001-008-1/1		10/28/2006	1:59
99	SP609102-001-008-1/		10/28/2006	2:05
100	SD609102-001-008-1/		10/28/2006	2:11
101	SP609102-001-008-1/		10/28/2006	2:17
102	SD609102-001-008-1/		10/28/2006	2:23
103	PS609102-001-008-1/		10/28/2006	2:29
104	SE609102-001-008-1/		10/28/2006	2:36
105	S 609105-001-001-1/1		10/28/2006	2:42
106	S 609105-002-002-1/1		10/28/2006	2:48
107	CCV		10/28/2006	2:54
108	CCB		10/28/2006	3:00
109	S 609105-003-003-1/1		10/28/2006	3:06
110	S 609105-004-004-1/1		10/28/2006	3:12
111	S 609105-005-008-1/3		10/28/2006	3:19
112	SP609105-005-008-1/		10/28/2006	3:25
113	SD609105-005-008-1/		10/28/2006	3:31
114	PS609105-005-008-1/		10/28/2006	3:37
115	SE609105-005-008-1/		10/28/2006	3:43
116	S 609105-006-005-1/1		10/28/2006	3:48
117	BLK(141)		10/28/2006	4:00
118	BKS(141)		10/28/2006	4:06
119	CCV		10/28/2006	4:12
120	CCB		10/28/2006	4:18

Seq	Sample Name	Dil	Date	Time
121	S 609043-001-001-1/1		10/28/2006	4:24
122	S 609043-002-002-1/1		10/28/2006	4:31
123	S 609043-003-003-1/1		10/28/2006	4:37
124	S 609043-004-013-1/3		10/28/2006	4:43
125	SP609043-004-013-1/		10/28/2006	4:49
126	SD609043-004-013-1/		10/28/2006	4:55
127	PS609043-004-013-1/		10/28/2006	5:02
128	SE609043-004-013-1/		10/28/2006	5:08
129	S 609043-009-004-1/1		10/28/2006	5:14
130	S 609043-010-005-1/1		10/28/2006	5:20
131	CCV		10/28/2006	5:26
132	CCB		10/28/2006	5:32
133	S 609043-011-006-1/1		10/28/2006	5:39
134	S 609075-001-001-1/1		10/28/2006	5:45
135	S 609075-002-003-1/1		10/28/2006	5:51
136	S 609075-003-007-1/1		10/28/2006	5:57
137	S 609075-004-008-1/1		10/28/2006	6:03
138	S 609075-005-009-1/3		10/28/2006	6:09
139	SP609075-005-009-1/		10/28/2006	6:16
140	SD609075-005-009-1/		10/28/2006	6:22
141	PS609075-005-009-1/		10/28/2006	6:28
142	SE609075-005-009-1/		10/28/2006	6:34
143	CCV		10/28/2006	6:40
144	CCB		10/28/2006	6:46
145	S 609075-006-012-1/3		10/28/2006	6:53
146	S 609075-007-016-1/3		10/28/2006	6:59
147	S 609075-008-018-1/3		10/28/2006	7:05
148	S 609075-009-005-1/2		10/28/2006	7:11
149	S 609104-001-004-1/2		10/28/2006	7:17
150	ICSA		10/28/2006	7:30

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Seq	Sample Name	Dil	Date	Time
151	ICSAB		10/28/2006	7:36
152	ICSAB(LI)		10/28/2006	7:42
153	CCV		10/28/2006	7:54
154	CCB		10/28/2006	8:00

Analyst Signature: Date: 9-28-06

Analyst Signature: Date:

Analyst Signature:

Sample Dilutions:

609054-002-008-1/2: 20x For Y

IS okay
LR 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: 09/27/2006 End Date: 09/28/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Sc (45)	Q	Tb (159)	Q	Y (89)	Q
BLANK	15:37	100		100		100		100		100	
STD7	15:43	97		98		100		97		98	
STD8	15:48	96		98		100		96		97	
STD9	15:53	96		98		101		96		98	
STD1	15:58	99		100		102		98		99	
STD2	16:03	101		101		103		99		100	
STD3	16:08	96		96		99		96		96	
STD4	16:13	96		96		98		95		96	
STD5	16:18	96		98		100		97		98	
STD6	16:23	93		97		101		97		98	
ICV	16:29	97		97		98		97		96	
ICV(LiBCd)	16:34	96		95		96		94		94	
ICB	16:39	93		94		96		93		94	
CCV	16:44	90		90		92		92		90	
CCB	16:49	93		93		95		92		93	
PQL	16:54	97		95		95		95		93	
PQL(Li)	16:59	95		95		96		95		94	
ICSA	17:05	72		79		78		81		75	
ICSAB	17:10	74		79		78		83		75	
ICSAB(Li)	17:22	75		78		78		84		74	
LR	17:28	95		87		90		95		87	
LR(LiB)	17:34	103		94		95		99		91	
CCV	17:53	95		90		90		95		88	
CCB	17:59	102		96		96		99		93	
BLK(136)	18:05	100		96		98		99		94	
BKS(136)	18:11	101		95		96		99		93	
S 609053-001-001-1/2	18:17	98		95		102		101		117	
S 609053-002-003-1/2	18:23	98		96		103		101		118	
S 609053-003-005-1/2	18:30	95		94		104		99		117	
S 609053-004-011-1/1	18:36	98		96		102		100		114	
S 609053-005-012-1/1	18:42	99		95		101		100		111	
S 609053-006-013-1/1	18:48	98		96		101		100		116	
S 609053-007-014-1/1	18:54	97		95		101		100		113	
S 609053-008-015-1/1	19:00	94		93		111		98		128	R
CCV	19:13	94		90		90		94		88	
CCB	19:19	100		97		97		98		94	
S 609053-008-015-1/1	19:25	98		96		105		99		113	
S 609053-009-016-1/1	19:31	93		93		115		96		109	

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: 09/27/2006 End Date: 09/28/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Sc (45)	Q	Tb (159)	Q	Y (89)	Q
S 609053-009-016-1/1	19:37	98		97		108		99		104	
S 609053-010-007-1/2	19:43	91		93		109		95		120	
S 609053-010-007-1/2	19:50	96		95		104		98		107	
S 609053-011-009-1/2	19:56	91		93		108		95		117	
S 609053-011-009-1/2	20:02	96		95		102		98		106	
S 609053-012-017-1/1	20:08	91		91		107		94		115	
S 609053-012-017-1/1	20:14	99		96		100		98		100	
S 609054-001-001-1/1	20:20	92		92		105		95		121	
CCV	20:32	91		88		89		92		86	
CCB	20:39	96		95		95		96		93	
S 609054-001-001-1/1	20:45	95		94		101		97		108	
S 609054-002-008-1/2	20:51	94		93		102		97		123	
S 609054-003-010-1/2	20:57	91		92		101		95		106	
S 609054-003-010-1/2	21:03	93		93		98		96		99	
S 609054-004-012-1/2	21:09	89		93		108		94		117	
S 609054-004-012-1/2	21:16	94		94		102		96		106	
S 609054-005-014-1/2	21:22	89		91		109		94		118	
S 609054-005-014-1/2	21:28	95		95		104		97		106	
S 609054-006-005-1/3	21:34	89		92		113		94		118	
SP609054-006-005-1/3	21:40	87		91		112		92		116	
CCV	21:52	90		88		88		91		86	
CCB	21:59	95		95		96		95		93	
SD609054-006-005-1/3	22:05	86		90		113		92		117	
PS609054-006-005-1/3	22:11	87		90		109		92		114	
SE609054-006-005-1/3	22:17	96		96		101		97		100	
S 609054-006-005-1/3	22:23	92		94		105		95		106	
SP609054-006-005-1/3	22:29	91		93		104		94		105	
SD609054-006-005-1/3	22:36	91		94		104		94		106	
PS609054-006-005-1/3	22:42	88		90		101		92		102	
SE609054-006-005-1/3	22:48	99		99		102		99		100	
S 609054-007-002-1/1	22:54	90		93		105		94		109	
S 609054-008-003-1/1	23:00	90		91		105		93		108	
CCV	23:06	89		87		87		90		85	
CCB	23:12	95		95		95		94		92	
BLK(133)	23:19	95		96		98		95		94	
BKS(133)	23:25	93		94		94		94		91	
S 608187-005-001-1/3	23:31	92		93		98		95		106	
SP608187-005-001-1/3	23:37	90		91		97		93		104	

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: 09/27/2006 End Date: 09/28/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Sc (45)	Q	Tb (159)	Q	Y (89)	Q
SD608187-005-001-1/3	23:43	90		91		97		93		105	
PS608187-005-001-1/3	23:49	89		90		96		92		103	
SE608187-005-001-1/3	23:56	99		99		100		98		99	
S 609066-005-046-1/1	0:02	104		102		98		102		98	
S 609066-006-047-1/1	0:08	105		103		97		102		98	
S 609066-007-048-1/1	0:14	99		100		98		100		97	
CCV	0:20	90		91		91		91		89	
CCB	0:26	93		93		93		93		91	
S 609066-008-049-1/1	0:33	98		99		96		98		95	
S 609066-009-050-1/1	0:39	100		99		96		99		95	
S 609066-010-051-1/1	0:45	101		101		97		101		97	
S 609066-011-052-1/1	0:51	103		103		99		102		98	
S 609066-012-053-1/1	0:57	103		103		99		102		98	
S 609066-013-054-1/1	1:03	102		103		99		102		98	
BLK(139)	1:09	94		96		97		96		94	
ICSA	1:16	70		76		75		79		72	
ICSAB	1:22	72		76		74		80		71	
ICSAB(Li)	1:28	72		75		74		81		71	
CCV	1:40	93		88		87		94		84	
CCB	1:46	97		90		88		95		86	
BKS(139)	1:52	93		89		89		95		85	
S 609102-001-008-1/1	1:59	87		89		92		97		88	
SP609102-001-008-1/1	2:05	86		88		88		95		85	
SD609102-001-008-1/1	2:11	86		88		88		95		86	
SP609102-001-008-1/1	2:17	84		84		86		92		82	
SD609102-001-008-1/1	2:23	83		85		86		92		83	
PS609102-001-008-1/1	2:29	83		84		86		92		82	
SE609102-001-008-1/1	2:36	94		89		88		95		85	
S 609105-001-001-1/1	2:42	88		85		86		92		83	
S 609105-002-002-1/1	2:48	90		87		87		94		84	
CCV	2:54	89		84		82		90		80	
CCB	3:00	92		85		83		91		81	
S 609105-003-003-1/1	3:06	87		84		85		91		82	
S 609105-004-004-1/1	3:12	88		87		87		93		83	
S 609105-005-006-1/3	3:19	86		84		85		90		84	
SP609105-005-006-1/3	3:25	85		83		85		90		83	
SD609105-005-006-1/3	3:31	84		83		84		89		83	
PS609105-005-006-1/3	3:37	85		83		84		89		84	

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: 09/27/2006 End Date: 09/28/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Sc (45)	Q	Tb (159)	Q	Y (89)	Q
SE609105-005-006-1/3	3:43	90		84		82		89		81	
S 609105-006-005-1/1	3:48	88		88		85		92		84	
BLK(141)	4:00	90		85		82		88		81	
BKS(141)	4:06	91		86		83		90		81	
CCV	4:12	87		83		80		87		79	
CCB	4:18	90		85		81		89		81	
S 609043-001-001-1/1	4:24	86		83		83		88		92	
S 609043-002-002-1/1	4:31	89		86		85		90		93	
S 609043-003-003-1/1	4:37	84		84		83		90		91	
S 609043-004-013-1/3	4:43	94		86		84		90		84	
SP609043-004-013-1/3	4:49	95		86		84		90		84	
SD609043-004-013-1/3	4:55	94		86		83		90		84	
PS609043-004-013-1/3	5:02	93		84		82		89		83	
SE609043-004-013-1/3	5:08	93		87		83		91		82	
S 609043-009-004-1/1	5:14	89		86		85		91		95	
S 609043-010-005-1/1	5:20	87		85		83		89		92	
CCV	5:26	87		82		79		88		78	
CCB	5:32	91		88		84		91		82	
S 609043-011-006-1/1	5:39	87		84		83		90		93	
S 609075-001-001-1/1	5:45	94		92		89		95		100	
S 609075-002-003-1/1	5:51	93		89		86		93		100	
S 609075-003-007-1/1	5:57	94		92		90		95		103	
S 609075-004-008-1/1	6:03	93		90		87		94		101	
S 609075-005-009-1/3	6:09	94		91		88		95		97	
SP609075-005-009-1/3	6:16	91		87		85		92		94	
SD609075-005-009-1/3	6:22	91		87		86		92		95	
PS609075-005-009-1/3	6:28	89		85		83		91		91	
SE609075-005-009-1/3	6:34	96		92		88		94		88	
CCV	6:40	87		83		80		88		79	
CCB	6:46	91		88		85		91		83	
S 609075-006-012-1/3	6:53	94		91		88		94		95	
S 609075-007-015-1/3	6:59	93		90		88		94		98	
S 609075-008-018-1/3	7:05	92		90		88		93		96	
S 609075-009-005-1/2	7:11	93		91		89		94		96	
S 609104-001-004-1/2	7:17	88		86		85		91		95	
ICSA	7:30	69		74		71		78		69	
ICSAB	7:36	71		75		71		80		69	
ICSAB(Li)	7:42	71		74		71		79		68	

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: 09/27/2006 End Date: 09/28/2006

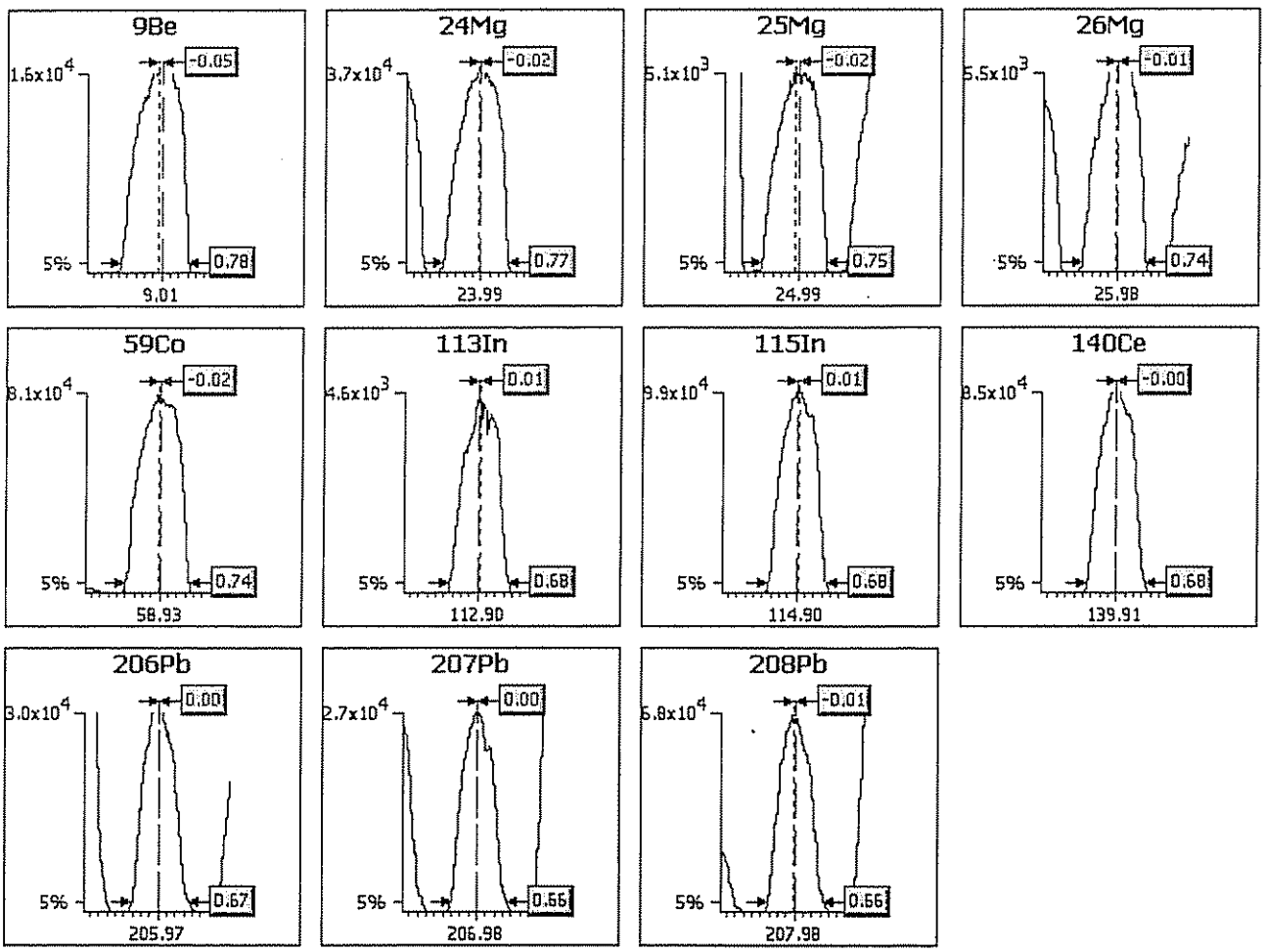
EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Sc (45)	Q	Tb (159)	Q	Y (89)	Q
CCV	7:54	89		82		81		90		78	
CCB	8:00	91		85		82		90		79	

Performance Report

Sample details
Acquired at : 09/27/2006 01:12:55 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	-0.05
24Mg	0.90	0.45	0.10	0.77	-0.02
25Mg	0.90	0.45	0.10	0.75	-0.02
26Mg	0.90	0.45	0.10	0.74	-0.01
59Co	0.90	0.45	0.10	0.74	-0.02
113In	0.90	0.45	0.10	0.68	0.01
115In	0.90	0.45	0.10	0.68	0.01
140Ce	0.90	0.45	0.10	0.68	-0.00
206Pb	0.90	0.45	0.10	0.67	0.00
207Pb	0.90	0.45	0.10	0.66	0.00
208Pb	0.90	0.45	0.10	0.66	-0.01

Sample details
Acquired at : 09/27/2006 01:12:55 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Tune conditions

Major	
Extraction	-157
Lens 1	2.0
Focus	25.1
D1	-41.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.91
Sampling Depth	100

Minor	
Lens 2	-49.4
Lens 3	-134.1
Forward power	1404
Horizontal	105
Vertical	380
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	122
High resolution	125
Analogue Detector	2304
PC Detector	3784

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	01:14:28 PM	0.056	15808.472	38413.488	5169.022	6000.180	84776.476	4578.438	103447.37	92360.966
2	01:15:39 PM	0.111	15871.259	38575.217	5224.581	5992.402	84435.076	4700.110	103252.72	92453.274
3	01:16:50 PM	0.278	15829.586	38738.613	5280.139	5958.511	83860.148	4573.438	103141.50	92555.591
4	01:18:01 PM	0.333	15947.938	38877.000	5177.356	6034.627	82998.318	4531.214	102735.52	92484.414
5	01:19:13 PM	0.167	15832.364	38599.670	5192.357	5807.391	83072.824	4519.547	102612.62	91781.544
x		0.189	15857.924	38640.798	5208.691	5958.622	83828.568	4580.549	103037.95	92327.158
σ		0.12	55.19	175.37	45.22	88.76	794.96	71.60	352.43	312.91
%RSD		60.990	0.348	0.454	0.868	1.490	0.948	1.563	0.342	0.339

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	01:14:28 PM	1368.528	33316.660	28090.612	67475.535	0.167
2	01:15:39 PM	1417.603	32849.839	27976.135	67322.654	0.111
3	01:16:50 PM	1387.047	32798.155	28086.722	67728.484	0.056
4	01:18:01 PM	1347.787	32832.056	27897.224	68273.854	0.056
5	01:19:13 PM	1366.120	32877.626	27453.212	67247.048	0.111
x		1377.417	32934.867	27900.781	67609.515	0.100
σ		26.42	215.37	262.97	414.46	0.05
%RSD		1.918	0.654	0.943	0.613	46.481

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0200
1	01:14:28 PM	0.015

2	01:15:39 PM	0.015
3	01:16:50 PM	0.015
4	01:18:01 PM	0.015
5	01:19:13 PM	0.015
x		0.0149
σ		0.00
%RSD		1.8577

Result : The performance report passed.

Dilution Corrected Concentrations

BLANK 09/27/2006 03:37:51 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg25	Mg	27Al	39K	44Ca
		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	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		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	-0.000
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.000	-0.000	-0.000	0.237	-0.000	100.000%	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%				

STD7 09/27/2006 03:43:01 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.030	-0.008	0.728	0.030	0.077	0.076	0.912	6.538	1.733
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.243%	-0.003	0.702	0.480	959.200	0.006	0.471	0.001	0.006
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.095	-0.452	0.472	-0.033	0.238	-0.004	97.687%	0.009	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		-0.074	0.015	0.023	97.950%	0.001	-0.007	0.009	-0.150	-0.007
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		97.215%	0.003	0.001	0.001	96.580%				

STD8 09/27/2006 03:48:05 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.000	-0.006	0.948	0.004	0.009	0.206	1.804	0.874	1.283

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.222%	0.033	0.319	0.688	2281.000	0.002	1.386	0.001	-0.011

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.010	0.659	0.235	0.005	0.181	0.010	97.203%	0.013	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		-0.085	0.032	0.024	97.550%	0.003	-0.008	0.013	-0.077	-0.006

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.193%	-0.006	-0.001	0.001	95.838%

STD9 09/27/2006 03:53:09 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		249.000	-0.001	0.971	0.025	0.003	0:038	0.813	0.764	0.382

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.906%	0.074	0.012	0.490	1477.000	-0.009	1.380	0.002	-0.015

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.002	-0.637	0.226	0.001	0.268	0.001	97.620%	-0.001	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		-0.062	0.052	0.013	98.241%	-0.001	-0.015	0.004	-0.124	-0.007

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.464%	-0.003	-0.002	0.001	96.185%

STD1 09/27/2006 03:58:14 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.033	5.193	49.240	2.169	-0.005	0.082	T 4962.000	1.425	36.930
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.435%	49.970	48.720	49.490	444.100	48.450	T 4994.000	48.830	50.090
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.580	50.500	50.260	0.001	50.120	50.150	99.320%	49.640	50.580
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.735	50.410	49.340	99.717%	50.790	50.700	50.390	49.970	0.068
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.239%	48.810	49.380	48.100	99.178%				

STD2 09/27/2006 04:03:24 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.023	10.130	97.910	2.551	0.040	0.037	TM 10020.000	1.153	69.410
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.771%	99.070	97.370	97.740	-4834.000	95.770	TM 10000.000	96.190	99.420
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.000	99.520	99.740	0.102	99.340	99.690	99.835%	99.690	M 99.710
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.847	M 99.790	99.100	100.790%	101.700	100.700	100.000	99.380	0.138
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.287%	98.070	98.780	96.210	100.706%				

STD3 09/27/2006 04:08:29 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.067	M 49.960	M 500.500	9.997	0.570	0.429	12.000	5.264	143.900
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.774%	M 1000.000	TM 1000.000	TM 1000.000	-26700.000	TM 1001.000	TM 51650.000	TM 1000.000	M 750.100
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1000.000	M 500.000	M 200.100	-0.165	M 200.300	M 200.100	95.785%	M 1000.000	M 102.600
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.206	M 102.000	M 200.600	96.113%	M 999.800	M 499.800	M 500.000	M 1000.000	1.348
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.871%	M 201.300	M 200.800	TM 2000.000	96.236%				

STD4 09/27/2006 04:13:36 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.020	-0.000	3.881	T 986.000	T 992.000	1009.000	1.176	T 983.200	1005.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.210%	-0.050	0.733	0.899	-6656.000	0.051	0.388	0.004	0.101
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.097	0.549	0.360	-0.029	0.170	0.042	95.712%	0.938	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		-0.089	0.000	0.026	95.991%	0.295	0.078	0.086	-0.056	-0.006
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.819%	0.832	0.873	0.049	96.090%				

STD5 09/27/2006 04:18:46 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	-0.000	2.019	T 10100.000	T 10060.000	T 10030.000	0.558	T 10150.000	9992.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.267%	-0.013	0.874	0.530	-15330.000	0.263	2.849	-0.002	0.100

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.061	0.414	0.105	0.046	0.750	0.146	98.437%	0.178	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		-0.034	0.003	0.009	97.592%	0.174	-0.000	0.012	-0.014	-0.002

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.403%	0.360	0.365	0.124	95.633%

STD6 09/27/2006 04:23:55 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.019	-0.010	1.587	TM 19950.000	TM 19970.000	TM 19980.000	0.686	TM 19930.000	TM 20000.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.076%	-0.021	0.277	0.703	-14450.000	0.500	4.192	-0.002	0.161

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.112	0.684	0.341	0.147	0.330	0.254	98.465%	0.099	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		-0.000	0.007	0.001	97.347%	0.130	0.002	0.011	0.025	-0.003

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.335%	0.238	0.256	0.222	93.470%

ICV 09/27/2006 04:29:02 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.059	4.248	42.100	τ4813.000	τ4856.000	τ4864.000	τ503.100	τ4883.000	4872.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.980%	40.660	40.720	38.800	4461.000	40.550	τ525.000	40.010	41.310

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.740	40.850	40.650	0.007	41.520	41.170	95.688%	40.520	40.840

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.723	40.950	4.607	96.905%	41.660	41.860	42.090	41.310	0.038

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.633%	41.400	41.480	40.420	97.134%

ICV(LiBCd) 09/27/2006 04:34:11 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.120	-0.008	87.330	0.146	0.094	0:020	0.781	1.497	4.761

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.715%	-0.009	0.606	0.615	11320.000	0.006	-2.091	0.001	-0.018

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.009	0.311	0.524	-0.043	0.399	0.004	93.789%	0.087	-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		-0.138	0.001	3.898	94.642%	0.083	-0.003	0.007	-0.067	-0.007

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.037%	0.350	0.340	0.005	95.639%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.006	0.564	-0.775	-0.013	-0.024	0.018	1.412	0.117

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.758%	-0.012	-0.155	0.689	8618.000	-0.000	-2.260	-0.000	-0.019

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.013	-0.091	0.067	0.017	-0.104	0.005	93.606%	0.035	-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		-0.101	-0.001	0.026	93.798%	0.080	-0.009	0.013	-0.041	-0.005

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.695%	0.191	0.189	0.001	92.583%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.850	5.065	104.000	↹9830.000	↹9900.000	↹9857.000	↹5050.000	↹9724.000	9610.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.777%	48.860	48.230	48.720	-14720.000	48.590	↹5016.000	47.970	49.040

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.130	48.000	48.330	-0.043	47.220	49.950	89.839%	49.870	49.510

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.689	49.310	48.920	90.449%	50.640	49.870	49.640	48.890	0.063

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.632%	49.660	50.240	49.130	90.383%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.004	0.423	-0.528	0.004	0.025	0.094	1.212	0.065

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.276%	-0.059	-0.418	0.424	-381.700	-0.006	-1.376	0.001	-0.019

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.013	-0.568	-0.362	0.003	-0.096	-0.009	92.958%	0.076	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		-0.066	-0.000	0.021	93.457%	0.052	-0.014	-0.001	-0.090	-0.006

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.457%	0.331	0.338	0.000	92.922%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.022	0.188	21.720	τ928.400	90.730	96.670	96.570	τ948.800	970.700

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.925%	1.899	10.250	2.197	-9913.000	1.998	48.200	0.987	1.126

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.167	10.210	5.404	-0.138	5.327	2.007	93.216%	5.034	0.309

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	0.323	0.523	94.853%	5.177	1.127	1.093	5.099	-0.003

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.728%	2.071	2.080	1.939	97.014%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.038	-0.009	0.995	0.270	0.026	-0.014	7.138	0.854	2.415

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.097%	0.045	-0.352	0.412	-246.700	-0.004	-1.218	0.001	-0.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.089	0.060	-0.044	-0.022	0.001	94.148%	0.029	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		-0.061	0.051	0.023	94.983%	0.059	-0.008	0.000	-0.087	-0.007

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.593%	0.113	0.128	0.003	94.853%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.190	0.001	1.271	TM 257500.000	TM 96790.000	TM 97040.000	TM 101800.000	TM 103000.000	TM 314100.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		77.907%	M 2123.000	0.214	1.369	-45090.000	-0.046	TM 254300.000	-0.017	-0.003

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.761	1.406	0.670	0.706	0.348	4.581	75.492%	TM 2164.000	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		1.986	0.093	-0.051	78.939%	0.179	0.185	0.203	0.517	0.039

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		81.324%	0.181	0.194	0.129	72.010%

ICSAB 09/27/2006 05:10:09 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.205	17.040	22.420	TM 253100.000	TM 94340.000	TM 94210.000	TM 98230.000	TM 100100.000	TM 306200.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		78.014%	M 2066.000	20.080	20.230	-46900.000	18.690	TM 246600.000	18.280	17.870

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.640	17.070	18.890	0.488	18.130	25.620	74.977%	TM 2123.000	17.300

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.286	17.250	16.870	79.014%	20.330	18.240	18.160	20.630	0.065

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		83.285%	22.010	22.150	21.070	74.432%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		20.130	-0.004	18.970	TM 255100.000	TM 95300.000	TM 94540.000	TM 98360.000	TM 99480.000	TM 304600.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		78.264%	M 2067.000	-0.536	1.024	-42940.000	-0.036	TM 244400.000	0.028	0.002

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.722	1.602	0.785	0.639	0.417	4.371	73.869%	TM 2112.000	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		1.957	0.124	-0.080	78.195%	0.169	0.206	0.178	0.499	0.033

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		83.891%	0.162	0.173	0.124	75.230%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.056	M 232.000	M 2284.000	19.100	2.926	2.733	5.993	3.302	3448.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.003%	M 4698.000	TM 4843.000	TM 4901.000	T 57450.000	TM 4952.000	TM 250600.000	TM 4939.000	TM 3826.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 5113.000	M 2325.000	M 937.500	-0.695	M 907.000	TM 6144.000	87.235%	TM 5180.000	M 488.000

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-17.720	M 489.000	M 939.500	87.487%	TM 4802.000	463.500	459.400	TM 5115.000	6.099

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.134%	TM 1050.000	TM 1071.000	TM 10000.000	94.969%

LR(LiB) 09/27/2006 05:34:43 PM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 492.100	0.560	M 1009.000	T 391.600	144.400	154.600	149.200	158.900	469.300

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.799%	13.580	11.110	11.320	-16160.000	10.550	T 887.300	10.450	7.994

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.010	6.838	2.637	-0.082	2.096	13.100	91.205%	17.160	1.211

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.129	1.217	2.208	93.754%	10.820	2.000	2.020	10.760	0.008

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		99.151%	3.316	3.400	20.980	103.214%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.140	5.150	107.600	τ 9866.000	τ 9819.000	τ 9602.000	τ 4929.000	τ 9559.000	9616.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.365%	48.500	48.450	49.810	-27030.000	48.260	τ 4979.000	48.000	49.460

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.150	49.050	50.300	-0.112	50.240	49.960	87.736%	50.290	49.580

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.916	49.520	49.260	89.921%	51.240	51.460	51.050	49.650	0.058

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.249%	50.610	51.030	49.310	94.661%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.054	-0.010	3.628	2.550	0.014	0.039	-0.040	1.458	-0.282

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.023%	0.044	0.083	0.256	-13850.000	-0.001	-0.748	0.002	-0.011

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.007	-0.489	0.267	-0.047	0.053	-0.001	93.222%	0.167	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		-0.086	-0.001	0.025	96.215%	0.268	0.089	0.094	-0.140	-0.006

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		99.464%	0.346	0.335	0.009	101.796%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.038	-0.010	2.708	3.653	0.023	0.007	0.518	3.319	6.617
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.089%	0.226	0.309	0.861	-8753.000	0.019	1.202	0.000	0.011
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.686	0.018	0.084	0.853	0.033	94.295%	0.144	-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		-0.031	0.000	0.010	96.299%	2.771	0.058	0.057	0.116	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.641%	0.240	0.227	0.014	100.490%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.032	5.520	110.900	τ 1048.000	τ 1025.000	1053.000	τ 1060.000	τ 1024.000	1145.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.512%	204.400	53.520	55.210	-2089.000	107.500	τ 1086.000	53.700	55.320
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.840	107.600	11.040	0.035	11.160	110.600	92.804%	52.800	11.220
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.940	11.240	11.000	95.098%	57.450	10.520	10.690	111.200	0.124
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		98.822%	11.280	11.330	108.100	100.807%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.700	1.277	5.092	117.200	T 5546.000	T 5441.000	TM 34200.000	T 1833.000	4084.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.208%	727.000	117.400	62.460	-23270.000	TM 1759.000	TM 47950.000	38.080	35.490

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		43.980	65.580	7.043	-0.018	1.333	68.800	116.782%	0.695	0.083

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.399	0.065	0.394	95.241%	3.294	0.262	0.299	338.500	11.810

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.595%	0.441	0.449	17.210	98.378%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.800	1.276	4.668	124.700	T 5670.000	T 5586.000	TM 34750.000	T 1873.000	4220.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.786%	743.000	120.700	64.250	-23830.000	TM 1851.000	TM 49420.000	37.210	35.880

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		44.280	69.770	8.745	0.010	1.292	70.160	118.032%	0.709	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		-0.376	0.068	0.491	95.683%	3.308	0.281	0.289	352.500	12.270

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.508%	0.369	0.388	18.400	98.320%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		12.590	1.090	2.488	97.040	T 12390.000	T 12270.000	TM 56900.000	T 3832.000	3529.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.966%	M 3144.000	168.300	61.590	-25840.000	TM 3056.000	TM 71930.000	42.470	54.460

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		125.600	86.590	3.132	-0.057	0.820	141.300	117.158%	0.348	0.089

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.099	0.029	0.851	93.968%	3.334	0.130	0.163	697.400	14.020

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.673%	0.233	0.224	10.510	95.118%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.120	1.071	3.235	74.060	T 4497.000	T 4474.000	TM 31220.000	T 2388.000	2135.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.915%	M 2429.000	120.400	37.250	-25840.000	TM 2133.000	TM 45100.000	30.900	21.450

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.230	105.700	14.370	-0.003	0.963	25.210	113.717%	0.660	0.063

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	0.054	0.322	95.734%	3.431	0.218	0.233	307.700	10.880

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.344%	0.341	0.342	23.570	97.900%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.870	1.088	7.019	93.490	T 5175.000	T 5103.000	TM 32350.000	T 3026.000	2250.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.935%	M 2673.000	124.900	43.250	-25570.000	TM 1805.000	TM 46060.000	24.440	25.080

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		35.380	94.370	5.842	0.034	0.710	25.240	111.267%	0.663	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		-0.359	0.059	0.333	95.283%	2.920	0.251	0.261	272.700	9.663

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.280%	0.319	0.298	18.130	98.731%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		16.180	1.113	2.785	85.900	T 4427.000	T 4384.000	TM 28490.000	T 2461.000	3043.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.104%	M 1278.000	96.480	30.730	-23260.000	TM 1049.000	TM 35960.000	19.000	17.460

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		28.650	61.510	7.912	-0.016	0.587	33.310	115.908%	0.514	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		-0.291	0.036	0.252	96.082%	2.966	0.249	0.247	207.100	10.660

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.182%	0.330	0.326	19.030	98.157%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		16.850	1.100	2.691	99.740	T 5193.000	T 5172.000	TM 30100.000	T 2996.000	4239.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.082%	M 2463.000	111.300	32.450	-21580.000	TM 1160.000	TM 39090.000	19.760	19.480

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.090	87.650	12.100	0.037	1.056	26.420	112.578%	0.713	0.050

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	0.044	0.366	95.392%	3.485	0.237	0.248	215.700	9.454

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		99.590%	0.311	0.326	19.820	96.703%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.795	1.140	5.710	61.710	T 2173.000	2048.000	TM 43710.000	T 1284.000	2495.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.157%	TM 9214.000	T 449.700	102.600	-39350.000	TM 3214.000	TM 109600.000	83.140	34.850

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		135.200	115.600	3.028	-0.136	1.044	17.220	128.294%	1.030	0.095

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.872	0.056	0.706	93.328%	3.578	0.223	0.246	257.900	17.880

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.305%	0.220	0.222	14.020	94.304%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.970	5.046	101.600	τ9917.000	τ9861.000	τ9746.000	τ5007.000	τ9677.000	9644.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.892%	48.750	48.970	49.170	-29750.000	48.790	τ5067.000	48.180	49.250

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.010	49.650	49.900	-0.117	48.530	50.220	87.757%	51.080	49.740

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.971	49.590	50.160	89.729%	51.340	51.210	50.810	49.810	0.040

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.464%	50.450	50.410	49.390	94.002%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.020	-0.021	0.235	1.001	0.289	0.317	0.158	1.472	0.395

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.683%	-0.003	0.325	0.193	-8707.000	0.003	1.048	0.002	-0.004

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.390	0.019	0.002	-0.359	-0.000	93.898%	0.063	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		-0.067	0.002	0.028	96.764%	0.144	0.007	0.024	-0.053	-0.007

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.440%	0.210	0.213	0.006	100.126%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.991	0.583	3.312	32.060	T 1098.000	1058.000	TM 22120.000	T 649.800	1284.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.111%	M 3883.000	218.100	54.050	-33680.000	TM 1654.000	TM 57060.000	44.320	18.450

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		74.220	64.950	1.955	-0.073	1.004	9.511	112.778%	0.539	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		-0.485	0.030	0.337	96.433%	1.700	0.113	0.132	121.800	8.418

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		99.241%	0.181	0.179	6.479	97.704%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.352	1.071	3.745	49.480	T 1380.000	1300.000	TM 49380.000	T 673.900	1249.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		115.213%	TM 9745.000	T 468.800	96.350	-37580.000	TM 2433.000	TM 128900.000	44.040	30.700

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		157.400	102.900	3.253	-0.012	1.182	17.350	108.805%	1.230	0.109

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.003	0.050	0.733	93.144%	4.122	0.228	0.266	194.900	10.670

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.621%	0.248	0.256	10.310	93.028%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.963	0.644	1.946	26.700	T 749.000	716.200	TM 26830.000	340.000	690.800

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.263%	M 4348.000	242.900	54.170	-34580.000	TM 1328.000	TM 70850.000	24.290	17.180

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.210	59.780	2.049	0.031	0.814	9.515	103.680%	0.643	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		-0.570	0.032	0.407	96.682%	2.202	0.107	0.110	98.200	5.331

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.918%	0.119	0.128	5.211	98.129%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.455	0.762	1.294	T 699.400	T 17180.000	T 17020.000	TM 66530.000	T 833.800	9608.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.407%	TM 7307.000	T 334.400	194.200	-25240.000	TM 2860.000	TM 97650.000	81.930	96.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		153.800	97.730	1.833	-0.011	0.853	111.600	119.517%	0.306	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		-1.025	0.046	0.930	92.827%	3.406	0.044	0.077	227.300	13.340

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.181%	0.114	0.100	5.571	90.669%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.676	0.412	0.663	T 324.200	T 8436.000	T 8364.000	TM 32080.000	T 384.200	4721.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.908%	M 2972.000	152.500	97.150	-22510.000	TM 1410.000	TM 48490.000	41.720	49.730

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.470	53.000	1.341	0.020	0.613	58.020	107.213%	0.162	0.049

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.617	0.020	0.444	95.471%	1.554	0.009	0.030	101.900	5.971

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.524%	0.048	0.065	2.445	95.789%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.724	0.721	1.053	T 683.800	T 15350.000	T 15320.000	TM 58620.000	T 726.800	8566.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.687%	TM 6415.000	T 296.300	173.900	-24030.000	TM 2467.000	TM 86870.000	73.210	84.840

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		138.300	88.950	2.338	0.007	0.505	101.800	116.579%	0.361	0.110

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.076	0.051	0.940	92.955%	3.137	0.038	0.058	199.400	11.740

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.337%	0.088	0.089	4.928	91.467%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.644	0.393	0.500	T 362.000	T 8142.000	T 8074.000	TM 31110.000	T 366.100	4631.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.286%	M 2890.000	148.300	95.060	-23670.000	TM 1337.000	TM 47350.000	40.370	46.900

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		77.510	53.480	1.438	0.050	0.389	57.590	106.013%	0.181	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		-0.539	0.023	0.409	94.916%	1.591	0.018	0.039	101.100	6.001

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.831%	0.035	0.033	2.496	96.390%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.931	1.428	9.705	88.400	T 3060.000	T 3038.000	TM 53600.000	T 2078.000	9529.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		106.543%	TM 11860.000	T 387.500	96.360	-32250.000	TM 3261.000	TM 112800.000	69.540	47.030

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		165.700	142.900	3.429	-0.041	1.179	49.500	115.468%	0.896	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		-1.611	0.094	1.119	90.786%	3.469	0.179	0.205	443.800	13.290

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.038%	0.175	0.175	22.610	90.810%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.824	0.335	2.094	19.210	T 675.400	666.400	TM 11710.000	T 442.800	2164.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.693%	M 2111.000	83.080	23.130	-27460.000	T 721.200	TM 25420.000	16.080	11.190

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.460	40.300	0.620	0.110	0.001	12.120	99.610%	0.196	0.041

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.368	0.021	0.232	96.467%	0.818	0.040	0.045	89.020	2.630

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.210%	0.037	0.041	4.369	99.107%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.530	1.497	1.797	78.360	T 3863.000	T 3818.000	TM 45920.000	T 2059.000	3434.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.956%	TM 9366.000	T 338.900	96.420	-34310.000	TM 2457.000	TM 101300.000	56.860	35.910

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		112.900	112.800	3.371	-0.067	1.129	24.750	120.671%	0.885	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		-1.294	0.062	0.850	91.907%	2.999	0.171	0.180	217.100	15.170

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.324%	0.163	0.174	12.090	92.317%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.890	5.124	100.900	↹9935.000	↹9824.000	↹9777.000	↹5037.000	↹9784.000	9655.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.596%	49.670	49.560	49.470	-32400.000	48.470	↹5058.000	48.180	49.880

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.710	49.510	50.820	-0.126	49.110	50.500	86.176%	50.500	50.040

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.903	49.730	49.550	88.441%	50.960	51.300	51.180	49.180	0.058

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.933%	50.170	50.300	49.360	91.268%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	-0.021	-0.558	0.707	0.984	1.056	0.640	2.631	1.147

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.290%	0.058	0.031	0.422	-3330.000	0.012	2.476	0.005	-0.009

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.002	-0.329	0.315	-0.005	-0.457	0.013	92.561%	0.059	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		0.010	0.006	0.002	95.144%	0.057	0.004	0.009	-0.060	-0.004

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.046%	0.208	0.214	0.009	96.134%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.586	0.805	1.206	41.980	T 2043.000	1953.000	TM 24300.000	T 1088.000	1829.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.915%	M 4215.000	170.400	53.050	-30800.000	TM 1331.000	TM 54580.000	31.210	20.080
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		63.890	67.130	2.393	-0.030	0.811	14.090	108.004%	0.486	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		-0.608	0.030	0.425	94.087%	1.534	0.106	0.107	109.500	7.535
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		96.706%	0.144	0.165	6.083	94.970%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.470	1.479	3.088	214.600	T 6775.000	T 6714.000	TM 44020.000	T 1758.000	5635.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.303%	M 1849.000	194.600	65.910	-27240.000	TM 2733.000	TM 75160.000	42.480	42.200
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		73.240	77.620	7.782	-0.044	1.137	104.100	123.044%	0.824	0.130
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.797	0.084	0.600	92.977%	3.556	0.196	0.231	570.800	15.920
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		96.862%	0.266	0.283	15.550	93.728%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.743	0.597	1.037	T 3358.000	T 15940.000	T 15790.000	TM 47950.000	T 537.700	T 14980.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.305%	TM 6414.000	T 264.500	143.200	-20140.000	TM 2198.000	TM 92200.000	93.290	97.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.100	81.070	1.879	0.058	0.562	107.400	105.634%	0.275	0.092

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.171	0.030	0.785	91.945%	3.545	0.010	0.034	220.600	7.940

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.812%	0.078	0.069	1.958	90.804%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.446	0.310	0.336	T 1649.000	T 7925.000	T 7806.000	TM 23820.000	249.100	7209.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.577%	M 2731.000	125.700	73.060	-17010.000	TM 1095.000	TM 46170.000	47.600	49.850

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.960	43.690	1.067	0.071	0.407	55.310	98.817%	0.128	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		-0.483	0.014	0.305	93.191%	1.713	0.001	0.025	105.100	3.755

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.762%	0.030	0.038	0.913	93.248%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.224	0.744	1.003	T 759.700	T 16380.000	T 16480.000	TM 62470.000	T 785.400	9127.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.791%	TM 6790.000	T 317.400	183.900	-21830.000	TM 2880.000	TM 92780.000	81.670	92.340

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		145.500	92.100	1.536	0.008	0.851	98.060	116.989%	0.301	0.109

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.996	0.045	0.852	92.535%	3.242	0.030	0.059	228.400	12.310

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.150%	0.083	0.079	4.835	89.463%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.813	0.412	-0.616	T 402.800	T 8729.000	T 8642.000	TM 33280.000	T 396.600	5002.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.948%	M 3064.000	160.000	100.200	-22430.000	TM 1550.000	TM 50290.000	44.870	51.250

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.980	53.490	1.304	0.025	0.408	55.760	105.990%	0.140	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		-0.517	0.025	0.442	94.243%	1.725	0.017	0.036	115.200	6.141

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.853%	0.048	0.045	2.432	94.197%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.114	0.866	1.067	T 190.200	T 12540.000	T 12490.000	TM 57480.000	T 1596.000	5959.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.181%	TM 9898.000	T 363.100	195.800	-28480.000	TM 2526.000	TM 99890.000	70.230	82.270

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		157.800	107.400	2.738	-0.074	0.748	56.460	118.017%	0.453	0.140

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.502	0.050	1.149	91.352%	3.206	0.030	0.064	192.800	13.420

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.061%	0.063	0.074	6.390	89.355%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.641	0.446	-0.670	93.130	T 6380.000	T 6360.000	TM 29220.000	T 810.200	3085.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.762%	M 4193.000	176.100	103.900	-27060.000	TM 1317.000	TM 52340.000	37.560	44.100

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.120	60.140	1.360	0.019	0.394	31.000	106.455%	0.267	0.069

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.691	0.025	0.566	95.006%	1.532	0.025	0.032	91.940	6.430

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.515%	0.033	0.034	3.020	95.039%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.162	0.710	0.040	T 456.400	T 16930.000	T 16860.000	TM 67770.000	T 693.900	7059.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.318%	TM 8754.000	T 401.600	T 306.200	-27720.000	TM 2871.000	TM 98470.000	92.000	111.200

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		138.800	88.760	1.139	0.011	0.666	39.060	117.649%	0.247	0.117

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.166	0.041	0.918	92.324%	3.094	0.022	0.038	164.800	12.920

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.910%	0.053	0.058	4.450	89.196%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.102	4.659	76.790	T 1347.000	T 18400.000	T 18270.000	TM 78320.000	T 1545.000	7934.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		112.429%	TM 9003.000	T 439.200	T 352.700	-28300.000	TM 2948.000	TM 101800.000	129.800	160.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		182.900	163.600	7.901	-0.042	6.858	115.400	115.696%	30.240	9.199

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-2.084	9.274	10.240	90.925%	48.180	1.474	1.809	266.500	13.020

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.700%	10.470	10.640	105.600	86.910%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.110	5.041	99.590	↹9861.000	↹9886.000	↹9837.000	↹5024.000	↹9715.000	9642.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.037%	48.650	48.010	49.310	-29540.000	48.680	↹5067.000	48.300	49.720

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.580	49.820	49.890	-0.113	48.850	50.480	85.832%	50.430	49.900

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.976	49.870	49.650	87.579%	51.100	51.480	51.380	50.080	0.053

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.340%	50.700	50.480	49.460	89.795%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.018	-0.433	0.632	1.327	1.586	0.981	3.187	1.895

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		95.654%	0.001	0.463	0.599	-437.100	0.030	3.295	0.008	-0.007

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.010	-0.375	0.187	0.015	-0.655	0.016	92.592%	0.075	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		0.039	0.006	-0.003	95.192%	0.047	0.002	0.020	0.005	-0.003

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.073%	0.231	0.228	0.011	94.994%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.437	4.893	79.470	T 1613.000	T 19490.000	T 19350.000	TM 83890.000	T 1645.000	8856.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.010%	TM 9709.000	T 464.400	T 370.900	-29500.000	TM 3049.000	TM 107000.000	135.100	167.900
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		190.400	170.700	7.673	-0.012	6.995	124.000	117.058%	31.890	9.606
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-2.344	9.640	10.620	90.302%	51.690	1.659	1.896	296.700	13.720
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.835%	11.120	11.170	111.400	86.034%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.911	8.809	59.770	T 4744.000	TM 20440.000	TM 20330.000	TM 66150.000	T 4875.000	10760.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.163%	TM 8400.000	T 406.200	T 311.900	-24400.000	TM 2856.000	TM 97860.000	112.600	140.900
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		157.900	144.300	61.590	-0.056	50.420	53.950	113.952%	26.150	37.780
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.968	37.870	23.790	89.591%	109.400	81.810	85.390	179.300	12.480
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.411%	107.500	107.600	87.290	87.474%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.455	0.133	0.912	93.150	T 3886.000	T 3811.000	TM 15420.000	152.500	1636.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		101.441%	M 1556.000	86.670	71.990	-20780.000	T 659.000	TM 22880.000	22.250	27.300

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		34.860	24.010	0.642	0.099	0.169	9.470	100.035%	0.072	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		-0.310	0.031	0.216	96.292%	0.711	0.018	0.049	32.710	2.607

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		96.911%	0.373	0.425	0.899	95.930%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.237	0.363	-0.744	211.100	T 9083.000	T 9028.000	TM 36450.000	345.400	3771.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.378%	M 3810.000	198.300	162.900	-22250.000	TM 1545.000	TM 53400.000	50.490	61.830

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		77.510	49.230	0.967	0.050	0.641	21.540	105.959%	0.129	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		-0.763	0.023	0.456	93.722%	1.621	0.003	0.018	80.420	6.498

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.936%	0.172	0.179	2.192	91.998%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.950	2.684	42.130	T 729.700	T 10040.000	T 10040.000	TM 43250.000	T 846.900	4450.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.088%	M 3997.000	220.600	187.500	-20200.000	TM 1636.000	TM 56580.000	73.190	90.990

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.600	96.990	4.871	0.041	4.107	65.540	104.759%	16.340	4.846

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.066	4.865	5.461	92.759%	24.670	0.728	0.922	134.500	6.290

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.271%	5.181	5.286	52.800	91.129%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.183	2.776	44.700	T 889.000	T 10880.000	T 10870.000	TM 46980.000	T 905.300	5043.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.489%	TM 4509.000	T 254.700	203.500	-20320.000	TM 1731.000	TM 61340.000	78.250	97.350

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.300	103.900	5.027	0.044	4.399	72.320	105.943%	17.800	5.130

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.078	5.158	5.693	93.502%	26.270	0.871	1.028	152.900	7.111

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.772%	5.619	5.578	56.510	91.362%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.214	9.420	64.800	T 4904.000	T 13520.000	T 13480.000	TM 36900.000	T 4974.000	8185.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.824%	M 3828.000	215.800	179.400	-18440.000	TM 1616.000	TM 55330.000	76.980	97.370

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.200	117.800	71.100	-0.061	59.220	39.490	101.590%	28.310	39.760

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.622	39.950	24.650	89.623%	108.000	83.370	87.070	100.700	6.272

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.173%	106.600	106.800	84.510	88.401%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.706	0.061	0.182	44.390	T 1891.000	1867.000	T 7577.000	75.580	821.200

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		102.279%	766.100	43.680	36.540	-18020.000	T 326.300	TM 11330.000	11.010	13.750

Run	Time	65Cu	66Zn	75As77	Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.410	13.040	0.027	0.189	-0.203	4.806	99.853%	0.056	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		-0.170	0.006	0.104	99.059%	0.347	-0.004	0.023	16.200	1.286

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.644%	0.348	0.364	0.417	98.859%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.612	0.976	6.067	65.480	T 2042.000	1925.000	TM 43440.000	T 1565.000	2175.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		105.346%	TM 5188.000	T 275.000	88.890	-31170.000	TM 2788.000	TM 89370.000	46.270	27.700

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.540	84.320	3.326	0.128	0.733	17.990	109.201%	0.960	0.078

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.836	0.051	0.552	92.532%	3.219	0.272	0.265	224.400	9.321

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.534%	0.411	0.408	15.170	90.351%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.030	1.033	6.218	65.520	T 2112.000	2012.000	TM 45540.000	T 1624.000	2240.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.660%	TM 5402.000	T 294.700	94.000	-31230.000	TM 2958.000	TM 94150.000	49.220	29.130

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		104.300	88.210	4.285	0.038	1.089	18.570	107.931%	1.014	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		-0.851	0.047	0.683	91.367%	3.439	0.257	0.271	235.000	9.764

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.871%	0.347	0.357	15.680	89.979%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.050	4.992	99.510	τ9957.000	τ9936.000	τ9987.000	τ5117.000	τ9859.000	9672.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.222%	49.400	49.720	50.160	-32240.000	48.760	τ5122.000	48.580	50.540
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.580	49.490	50.440	-0.120	48.860	50.680	85.311%	50.800	49.890
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.920	49.980	50.040	87.409%	51.010	51.500	51.570	50.310	0.065
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.833%	50.470	50.620	49.170	88.531%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.035	-0.023	-0.462	3.421	4.174	4.403	3.252	5.904	4.663
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.863%	0.272	-0.540	0.417	737.700	0.124	7.481	0.020	0.025
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.017	-0.382	0.143	0.024	-0.629	0.017	92.039%	0.066	0.023
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.035	0.023	0.027	94.939%	0.047	0.012	0.038	-0.002	-0.007
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.412%	0.245	0.261	0.027	94.669%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.018	0.462	0.839	0.160	0.152	0.923	2.544	4.047

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.560%	0.202	-0.069	0.997	10920.000	0.026	3.639	0.001	0.034

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.789	-0.340	0.243	-0.185	0.020	94.102%	0.025	-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		-0.074	-0.001	0.020	95.865%	2.571	-0.020	-0.008	0.048	-0.006

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.237%	0.110	0.107	0.004	95.061%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	4.957	101.000	τ987.700	τ982.100	996.600	τ1019.000	τ971.400	1074.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.981%	190.500	49.810	51.210	19380.000	100.000	τ1046.000	50.230	51.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.780	98.550	9.715	0.171	9.244	102.600	91.355%	49.400	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		-0.857	10.280	10.220	93.685%	53.100	9.648	10.030	103.000	0.110

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.747%	10.460	10.280	100.000	93.089%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.970	1.224	4.034	88.820	T 4763.000	T 4706.000	TM 30900.000	T 2162.000	2862.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.449%	390.900	104.900	43.070	-19480.000	T 876.300	TM 52640.000	22.670	25.060

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.160	76.910	15.250	0.098	1.224	31.750	105.593%	0.766	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		-0.285	0.042	0.283	93.064%	2.869	0.328	0.304	186.200	8.481

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.719%	0.335	0.334	21.520	92.308%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.830	6.072	87.450	T 1101.000	T 6570.000	T 6549.000	TM 45400.000	T 3574.000	3965.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.936%	678.500	170.300	97.830	-15740.000	TM 1059.000	TM 58800.000	71.450	76.060

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.710	170.800	24.050	0.147	8.246	121.300	104.217%	39.850	9.495

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.933	9.544	9.724	91.358%	50.360	3.112	3.405	303.800	9.275

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.296%	10.510	10.640	121.700	89.670%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		43.360	6.288	87.190	T 1133.000	T 6945.000	T 6895.000	TM 47730.000	T 3742.000	4207.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.253%	703.800	179.300	102.100	-16550.000	TM 1133.000	TM 63220.000	74.280	78.690

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.860	176.000	24.560	0.158	8.888	125.400	105.011%	41.350	9.755

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.044	9.878	10.280	91.049%	52.700	3.332	3.734	319.300	9.991

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		93.114%	11.040	11.040	127.100	89.814%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		31.840	10.770	75.170	T 5070.000	T 9553.000	T 9527.000	TM 31700.000	T 7014.000	7520.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.014%	409.000	120.800	60.820	-17190.000	T 943.900	TM 53800.000	49.660	62.210

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		63.420	144.700	83.730	0.085	57.260	49.540	102.544%	29.110	40.060

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.627	39.620	24.190	90.084%	109.600	83.420	86.430	203.500	8.557

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.485%	107.100	107.100	103.500	88.853%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.649	0.231	5.767	17.920	τ943.500	934.200	τ6108.000	τ417.700	587.300

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		100.274%	76.840	21.860	9.950	-17740.000	175.000	TM10740.000	4.837	5.333

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.924	18.590	3.006	0.176	-0.143	6.907	99.311%	0.200	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		-0.054	0.006	0.066	98.876%	0.594	0.053	0.051	36.660	1.673

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.139%	0.384	0.389	4.229	98.520%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.560	-0.022	9.573	τ7333.000	τ3114.000	3075.000	46.820	τ3210.000	TM20960.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.257%	0.842	0.596	-2.615	-64370.000	2.902	29.620	0.022	0.274

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.909	-0.306	0.973	-0.900	-1.090	86.320	98.206%	0.251	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		-0.018	0.005	0.010	102.226%	-0.061	0.036	0.045	22.960	0.029

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		101.643%	0.132	0.130	0.110	103.582%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.391	-0.021	9.395	T 7366.000	T 3219.000	3162.000	38.070	T 3146.000	T 19440.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.889%	1.128	0.263	-2.653	-62970.000	3.242	28.060	0.024	0.279
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.340	3.062	0.882	-0.890	-0.975	71.710	98.110%	0.259	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		0.019	0.001	0.003	102.867%	-0.058	0.023	0.035	21.800	0.018
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		102.399%	0.035	0.049	0.290	105.116%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.706	-0.025	15.640	T 9840.000	T 4658.000	T 4616.000	44.250	T 3355.000	TM 23950.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.376%	1.308	0.720	-2.852	-62490.000	6.915	34.730	0.058	0.636
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.390	4.469	0.741	-0.873	-0.845	97.230	96.960%	0.580	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		0.007	0.002	0.002	100.133%	-0.058	0.048	0.069	27.140	0.032
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		99.535%	0.042	0.055	0.253	98.729%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.370	5.052	102.200	τ10030.000	τ9982.000	τ9963.000	τ5139.000	τ9976.000	9737.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		91.029%	49.130	49.400	49.690	-19410.000	48.640	τ5157.000	48.280	49.830
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	48.550	49.740	0.025	48.000	50.350	89.252%	51.010	49.530
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.952	49.830	49.900	90.931%	51.160	51.140	50.950	50.770	0.041
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.415%	50.400	50.250	49.510	90.017%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.021	-0.021	-0.258	3.716	4.238	4.379	3.571	5.710	4.752
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		93.025%	0.232	0.249	0.130	-4056.000	0.113	6.023	0.024	0.025
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	-0.240	-0.108	-0.015	-0.357	0.023	90.727%	0.067	0.017
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	0.024	0.012	93.139%	0.069	0.012	0.021	-0.074	-0.002
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.936%	0.257	0.262	0.024	92.779%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.397	-0.019	10.520	T 7734.000	T 3512.000	3436.000	39.810	T 3168.000	T 19760.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.200%	0.988	0.270	-2.478	-62410.000	4.214	37.680	0.031	0.350

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.680	7.759	0.615	-0.872	-1.081	76.730	94.958%	0.316	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		-0.030	0.004	0.021	98.707%	-0.022	0.025	0.054	22.570	0.018

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.699%	0.116	0.124	0.515	97.773%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.369	-0.026	9.812	T 7743.000	T 3478.000	T 3384.000	41.680	T 3211.000	TM 19830.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.238%	1.066	0.555	-2.636	-61400.000	4.246	33.430	0.028	0.311

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.020	1.842	0.598	-0.866	-1.034	75.410	95.271%	0.291	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		0.035	0.003	-0.015	99.473%	0.034	0.029	0.038	22.040	0.020

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		98.827%	0.059	0.069	0.321	99.920%

S 609066-010-051-1/1 09/28/2006 12:45:19 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.830	-0.023	12.300	T 8250.000	T 2492.000	2420.000	59.950	T 3334.000	TM 28330.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.130%	0.606	0.653	-2.528	-61760.000	2.950	43.020	0.006	0.288

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.814	2.530	0.753	-0.869	-1.005	122.500	96.657%	0.376	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		0.048	-0.001	-0.016	100.976%	-0.049	0.038	0.039	26.230	0.030

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		100.656%	0.040	0.042	0.182	101.183%

S 609066-011-052-1/1 09/28/2006 12:51:28 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.386	-0.022	9.613	T 7672.000	T 3249.000	T 3187.000	39.660	T 3185.000	TM 20410.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.716%	0.775	0.297	-2.566	-61470.000	2.769	32.410	0.012	0.332

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.952	2.507	0.796	-0.874	-1.139	81.550	97.971%	0.277	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		0.021	0.001	-0.002	102.674%	-0.050	0.021	0.032	22.030	0.025

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		101.990%	0.030	0.027	0.518	102.958%

S 609066-012-053-1/1 09/28/2006 12:57:36 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.510	-0.024	10.130	τ 7871.000	τ 3313.000	3216.000	37.370	τ 3256.000	TM 21520.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.166%	0.563	0.299	-2.553	-61430.000	1.486	16.770	0.014	0.263

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		11.040	3.085	0.731	-0.865	-1.187	88.010	98.426%	0.336	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		-0.025	-0.000	0.008	103.312%	-0.056	0.016	0.048	23.180	0.013

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		102.479%	0.024	0.024	0.281	103.216%

S 609066-013-054-1/1 09/28/2006 01:03:45 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.200	-0.022	20.050	τ 11720.000	τ 5932.000	τ 5900.000	62.290	τ 3429.000	TM 27100.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.484%	1.001	0.505	-2.979	-62070.000	1.247	22.420	0.080	0.902

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.327	3.720	0.693	-0.864	-0.186	120.500	98.353%	0.866	-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		-0.006	0.001	0.007	102.739%	-0.073	0.056	0.078	28.710	0.039

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		101.992%	0.009	0.015	0.491	102.152%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	-0.024	24.840	68.220	1.024	1.080	3.635	5.866	23.870
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		96.922%	0.350	1.020	1.215	14750.000	0.063	5.818	0.005	0.155
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.166	0.877	-0.194	0.374	-1.229	0.076	93.867%	0.040	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		0.043	0.001	-0.009	95.914%	0.162	0.019	0.042	0.406	-0.005
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.527%	0.026	0.025	0.056	94.299%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.183	-0.021	0.152	TM 255700.000	TM 95800.000	TM 94780.000	TM 99780.000	TM 101100.000	TM 308800.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		75.421%	M 2042.000	-0.821	1.129	-43470.000	-0.030	TM 248700.000	-0.012	0.172
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.754	1.405	1.172	0.603	0.288	4.439	72.330%	M 2032.000	0.095
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.870	0.091	-0.105	76.454%	0.178	0.183	0.204	0.521	0.035
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.044%	0.083	0.091	0.118	70.487%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.199	17.120	22.070	TM 261300.000	TM 96980.000	TM 95270.000	TM 100100.000	TM 101900.000	TM 310200.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		74.236%	M 2052.000	20.030	20.030	-47060.000	18.550	TM 250700.000	18.160	17.530
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.630	17.290	18.240	0.445	16.190	25.510	71.107%	TM 2142.000	17.200
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.247	16.980	17.130	75.712%	20.620	18.520	18.420	21.040	0.069
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		80.166%	22.070	22.200	21.070	71.667%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.390	-0.015	21.430	TM 259200.000	TM 96060.000	TM 95100.000	TM 99470.000	TM 101300.000	TM 305600.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		74.115%	M 2024.000	-0.059	1.023	-43960.000	-0.079	TM 248000.000	-0.001	-0.012
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.683	1.873	1.308	0.534	0.317	4.292	71.019%	M 2029.000	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		1.918	0.120	-0.121	75.491%	0.182	0.187	0.203	0.513	0.046
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		81.287%	0.200	0.195	0.130	71.995%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.650	5.117	100.400	τ 10040.000	τ 9929.000	τ 9717.000	τ 4958.000	τ 9722.000	9742.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.881%	49.150	49.140	48.870	-27360.000	48.870	τ 5051.000	48.380	49.890
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.410	49.650	50.150	-0.069	47.140	50.980	83.986%	51.490	50.380
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.724	50.380	50.210	87.761%	51.900	52.110	51.900	50.480	0.045
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.409%	51.330	51.410	50.230	93.396%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	-0.022	-1.045	4.025	-0.003	0.011	0.056	0.295	0.347
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.483%	0.017	-0.142	-0.188	-17950.000	-0.011	-3.900	0.001	-0.018
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.011	0.677	0.092	-0.089	-0.178	0.004	86.238%	0.282	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		0.032	-0.001	-0.011	90.463%	0.015	-0.008	0.000	-0.067	-0.004
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		95.185%	0.221	0.207	0.002	96.822%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.023	23.830	M 510.700	T 5051.000	T 4856.000	T 4756.000	T 5005.000	T 4779.000	5169.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.181%	923.800	240.900	243.200	-10320.000	T 485.200	T 5042.000	240.500	248.700

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		248.600	448.800	45.450	0.040	40.570	TM 506.500	85.296%	246.000	50.540

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.875	50.730	48.580	89.172%	250.400	47.270	48.540	509.600	0.582

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.319%	53.330	53.000	T 498.400	93.057%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.800	-0.015	66.080	TM 109900.000	T 6533.000	T 6442.000	130.300	T 2667.000	TM 83130.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		92.356%	1.793	1.960	1.211	-27560.000	81.500	66.520	0.403	1.843

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.886	16.760	0.816	0.467	-0.710	174.100	88.123%	1.427	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		0.041	0.007	0.012	89.384%	0.659	0.589	0.616	178.800	0.236

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		97.049%	0.272	0.309	2.476	87.476%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.500	22.890	M 525.700	TM 115200.000	T 11370.000	T 11150.000	T 5235.000	T 7592.000	TM 88600.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.172%	932.300	243.400	235.800	-40030.000	T 576.500	T 5162.000	230.400	233.300

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		232.100	421.000	45.390	-0.008	38.880	TM 709.500	85.333%	247.700	46.880

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.630	46.850	47.010	87.678%	250.500	47.870	48.480	686.900	0.741

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.260%	54.630	54.950	510.800	85.572%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		111.400	22.610	M 510.600	TM 113300.000	T 11280.000	T 11120.000	T 5198.000	T 7583.000	TM 88610.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.430%	931.900	243.500	235.100	-49520.000	T 571.300	T 5142.000	229.200	232.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		230.100	437.000	45.520	-0.231	38.480	TM 704.100	85.672%	247.500	46.350

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.940	46.600	46.120	87.935%	250.000	47.910	48.680	686.100	0.745

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.193%	54.840	55.070	512.200	85.764%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		115.300	45.200	M 1004.000	TM 118900.000	T 16100.000	T 15930.000	TM 10250.000	T 12410.000	TM 93100.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.723%	M 1869.000	T 516.600	T 487.500	-30000.000	TM 1056.000	TM 10160.000	T 484.800	456.600

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		450.700	M 806.800	87.670	0.464	77.310	TM 1222.000	82.217%	491.000	92.220

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb13	7Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.763	92.410	92.060	83.949%	494.500	93.180	95.180	M 1182.000	1.328

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.257%	108.100	107.700	T 1043.000	83.679%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		109.600	44.220	M 952.300	TM 117400.000	T 16000.000	T 15810.000	TM 10190.000	T 12360.000	TM 92490.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.811%	M 1851.000	T 513.300	T 482.700	-41170.000	TM 1054.000	TM 10070.000	T 481.700	456.500

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		449.400	M 813.900	88.810	0.082	76.390	TM 1221.000	82.632%	489.900	92.140

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-7.340	91.960	91.690	84.584%	497.100	93.800	95.750	M 1181.000	1.266

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.089%	108.800	108.500	T 1040.000	83.241%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		114.800	9.450	142.700	TM 114400.000	T 11490.000	T 11380.000	T 1189.000	T 7685.000	TM 87430.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.995%	24.530	21.980	20.650	-27570.000	155.700	T 2181.000	28.720	40.340

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		30.620	82.120	70.650	0.460	52.770	193.500	82.231%	32.960	39.050

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.029	38.460	23.040	83.640%	108.000	76.310	79.600	198.100	0.197

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.191%	111.000	110.800	85.670	83.477%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.400	0.026	22.210	TM 21800.000	T 1328.000	1285.000	34.480	T 536.800	15890.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.718%	1.983	1.128	0.594	-21740.000	17.950	20.650	0.525	0.869

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.049	6.483	0.034	0.091	-0.813	36.370	85.393%	0.825	0.152

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.062	0.155	0.112	89.013%	0.863	0.395	0.418	37.060	0.033

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.824%	0.462	0.473	1.435	93.806%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		16.030	0.269	87.190	T 12390.000	T 6156.000	T 6084.000	T 6937.000	T 7709.000	TM 34120.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.252%	78.380	26.770	9.153	1817.000	39.670	T 5137.000	1.810	7.085

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		12.460	25.380	3.844	0.414	0.298	195.000	83.340%	1.823	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		-0.039	0.031	0.126	85.159%	0.652	0.517	0.495	149.300	1.292

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		91.768%	0.257	0.258	4.388	88.100%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.220	-0.024	78.380	T 12490.000	T 4387.000	T 4311.000	26.740	T 6082.000	TM 32040.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.325%	1.733	8.456	0.655	-23550.000	1.805	48.730	0.248	2.709

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.110	10.740	2.371	0.130	0.139	184.300	83.970%	1.717	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		0.104	0.006	-0.027	87.429%	0.390	1.638	1.602	84.030	0.144

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.146%	0.114	0.109	0.264	89.510%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.140	5.099	103.400	τ10370.000	τ10190.000	τ10040.000	τ5139.000	τ9977.000	9792.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.333%	47.900	49.230	49.050	-11900.000	49.320	τ5198.000	48.310	49.590

Run	Time	65Cu66	Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.660	50.830	50.110	0.021	48.860	50.940	79.753%	50.740	50.180

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.887	50.040	50.460	84.184%	51.920	52.110	52.110	50.200	0.044

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.358%	51.320	51.220	50.060	89.368%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.025	-0.023	1.165	4.420	0.693	0.766	0.594	-0.867	2.353

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.681%	-0.045	-0.148	-0.165	-3967.000	0.001	-6.939	0.001	-0.013

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.008	0.539	0.030	-0.089	-0.444	0.001	80.672%	0.101	-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		0.047	-0.000	-0.009	85.439%	0.080	0.001	0.013	-0.115	-0.005

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.628%	0.229	0.243	0.008	92.053%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		13.120	0.122	79.840	T 12330.000	T 5240.000	T 5184.000	T 3797.000	T 6921.000	TM 33350.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.708%	50.780	19.490	5.148	-14030.000	19.840	T 2689.000	1.004	3.802

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.940	14.330	3.294	0.234	0.952	191.800	81.837%	1.795	0.021

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.028	0.016	0.092	84.383%	0.526	0.400	0.424	119.900	0.873

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.759%	0.194	0.186	2.488	86.626%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.340	-0.023	76.420	T 12550.000	T 4431.000	T 4358.000	26.940	T 6085.000	TM 32400.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.733%	1.175	8.966	0.571	-25790.000	1.653	43.990	0.239	2.293

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.740	8.888	2.267	0.065	0.416	186.200	83.175%	1.759	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		-0.054	0.008	0.021	87.172%	0.288	1.500	1.446	84.950	0.136

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.811%	0.090	0.086	0.257	88.497%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		20.700	0.653	87.110	T 18750.000	T 7045.000	T 6945.000	TM 18820.000	T 7641.000	T 19400.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.008%	154.400	66.200	20.340	-17980.000	77.240	TM 12140.000	3.317	11.260

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		13.600	45.050	7.758	-0.138	-0.115	107.600	83.769%	1.676	0.030

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.107	0.026	0.252	84.005%	0.903	0.560	0.571	190.900	2.530

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.473%	0.289	0.269	8.112	85.712%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.710	23.130	M 546.400	TM 23150.000	T 11840.000	T 11730.000	TM 28180.000	T 13220.000	TM 24360.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.966%	M 1054.000	T 328.900	255.500	-6548.000	T 556.800	TM 17500.000	228.500	240.900

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		239.700	448.800	49.730	0.134	38.540	TM 616.200	82.891%	236.100	47.880

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-3.829	47.600	46.280	83.315%	249.100	45.880	46.780	716.000	3.229

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.641%	52.570	52.870	T 505.300	85.094%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.960	23.020	M 550.500	TM 23180.000	T 11950.000	T 11870.000	TM 28390.000	T 13190.000	TM 24350.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.174%	M 1056.000	T 311.000	254.600	-9721.000	T 557.500	TM 17360.000	228.900	243.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		242.200	451.700	49.560	0.044	37.850	TM 608.400	83.213%	236.800	47.900

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-4.018	47.660	46.770	82.539%	249.700	46.210	46.950	714.000	3.264

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.682%	52.800	53.040	T 506.100	84.382%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.790	9.771	159.000	TM 23220.000	T 11790.000	T 11790.000	TM 19820.000	T 12560.000	TM 24220.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.372%	172.900	85.520	39.930	-14120.000	151.800	TM 14110.000	31.900	50.260

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		42.100	112.200	77.700	-0.173	55.950	126.500	83.728%	32.760	40.590

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.858	39.940	24.160	82.756%	110.700	80.880	83.360	210.600	2.511

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.696%	109.600	109.800	91.360	84.610%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.226	0.126	23.110	τ3727.000	τ1424.000	1404.000	τ3805.000	τ1540.000	3840.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.591%	30.000	14.760	4.694	10530.000	16.300	τ2499.000	0.721	2.412
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.020	12.550	2.290	-0.039	-0.490	22.510	81.096%	0.483	0.023
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.022	0.021	0.063	84.368%	0.291	0.256	0.270	38.310	0.476
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.042%	0.310	0.299	1.673	89.532%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.556	-0.019	67.460	τ18160.000	τ2634.000	2533.000	60.400	τ3210.000	τ15740.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.448%	1.309	20.700	0.125	-23920.000	1.185	50.530	0.146	1.759
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.755	16.400	5.420	-0.409	-0.876	82.680	83.831%	1.406	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		0.020	0.002	-0.007	87.654%	0.132	2.014	1.947	31.610	0.073
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.679%	0.133	0.140	0.154	87.501%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.023	2.568	1.720	0.034	0.051	0.508	-0.060	4.053
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.244%	0.089	-0.223	0.790	43250.000	0.046	-5.852	0.001	0.002
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.532	0.221	0.114	0.133	0.014	80.857%	0.028	-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		0.010	-0.001	-0.003	84.888%	2.645	0.003	0.016	0.052	-0.006
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		88.330%	0.047	0.046	0.006	90.205%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.360	5.242	106.600	τ992.700	τ984.200	1002.000	τ1030.000	τ968.900	1072.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.560%	183.900	51.320	52.750	42460.000	102.800	τ1043.000	51.260	52.850
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.040	102.800	10.420	0.142	9.483	105.000	81.472%	49.560	10.480
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.822	10.590	10.420	85.948%	53.540	9.862	9.962	105.000	0.124
Run	Time	159Tb	203Tl20	5Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		89.811%	10.500	10.570	101.900	90.503%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.600	5.112	104.300	↹10260.000	↹10220.000	↹10100.000	↹5157.000	↹10000.000	9912.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.599%	48.100	50.500	50.080	2746.000	49.710	↹5245.000	49.010	50.190
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.060	50.690	51.240	-0.010	48.430	51.100	78.707%	51.830	50.290
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.829	50.250	50.970	82.506%	52.560	52.230	52.450	50.730	0.058
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		87.115%	51.020	50.930	49.820	86.621%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.025	0.803	2.983	1.299	1.327	0.910	0.481	3.890
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.388%	-0.021	0.184	0.254	21620.000	0.012	-5.055	0.006	-0.004
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.014	0.591	0.348	-0.042	-0.566	0.015	80.517%	0.072	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		0.073	0.005	-0.020	84.854%	0.065	-0.001	0.020	-0.022	-0.005
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		88.890%	0.226	0.227	0.007	89.600%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		24.700	0.688	13.180	151.400	T 17930.000	T 17810.000	TM 14330.000	T 2505.000	TM 63560.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		82.846%	201.900	30.290	22.430	-18030.000	T 871.900	TM 27190.000	11.830	25.670

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		33.530	M 1561.000	4.531	0.117	0.493	89.490	91.775%	0.713	0.063

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.414	0.050	4.670	83.020%	2.533	0.118	0.120	149.100	6.282

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		88.413%	0.257	0.230	19.780	85.738%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.970	0.534	6.845	73.540	T 4888.000	T 4836.000	TM 13860.000	T 1227.000	14650.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.783%	142.200	23.890	17.120	7242.000	T 501.000	TM 22780.000	6.881	16.000

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.700	43.850	3.341	-0.091	0.517	29.500	93.135%	0.456	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		-0.077	0.033	0.120	85.639%	2.456	0.072	0.095	117.700	5.887

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.032%	0.177	0.178	8.502	88.718%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.010	0.462	11.640	149.600	TM 47110.000	TM 46570.000	TM 11600.000	T 1323.000	TM 114400.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.476%	123.300	22.530	13.900	-20440.000	T 907.100	TM 21310.000	6.439	14.740

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.550	54.430	3.625	0.358	0.086	58.410	91.292%	0.391	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		-0.054	0.052	0.152	83.977%	2.530	0.067	0.076	82.840	5.211

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.531%	0.147	0.152	18.920	84.444%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.018	0.190	M 666.700	268.800	T 2664.000	2584.000	T 5616.000	T 1226.000	15640.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.216%	79.750	12.940	153.800	-4642.000	224.800	TM 12150.000	2.838	27.030

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		163.000	M 1851.000	3.729	-0.031	0.768	51.420	84.485%	3.221	22.620

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.074	22.870	1.933	85.864%	19.810	1.201	1.213	82.480	1.226

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.683%	0.130	0.146	140.300	94.392%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.770	5.200	M 769.800	T 1294.000	T 3666.000	T 3585.000	T 7121.000	T 2442.000	T 17700.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.500%	246.900	61.320	199.900	-2455.000	T 315.800	TM 11820.000	50.600	79.290

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		220.200	M 2098.000	13.280	0.020	9.636	151.500	84.435%	49.820	34.540

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.550	34.590	11.810	85.869%	67.880	9.930	10.110	188.500	1.270

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.284%	9.792	9.855	250.500	94.679%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.260	5.154	M 800.300	T 1328.000	T 3794.000	3641.000	T 7404.000	T 2535.000	T 19010.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.378%	253.600	62.310	202.300	-3197.000	T 334.000	TM 11970.000	50.560	77.650

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		224.000	M 2159.000	13.580	-0.012	10.930	153.700	84.224%	49.810	35.700

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.871	35.470	13.380	85.990%	68.810	9.996	10.290	193.400	1.337

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.442%	9.934	9.951	236.200	94.319%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		107.800	10.580	M 730.800	T 5471.000	T 7687.000	T 7532.000	T 6586.000	T 6251.000	TM 21040.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.937%	100.000	32.570	169.100	-347.700	298.400	TM 14140.000	32.270	66.500

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		186.700	M 1885.000	82.030	-0.024	65.560	70.960	82.815%	34.120	63.560

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.467	62.860	26.700	84.210%	128.700	86.470	89.620	102.300	1.164

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.463%	101.100	101.100	215.200	93.028%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.365	0.017	144.000	59.790	T 513.600	538.900	T 1127.000	244.900	3245.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.495%	15.490	2.972	31.890	3383.000	47.190	T 2476.000	0.616	5.643

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		34.230	412.600	0.989	-0.115	-0.013	10.730	82.122%	0.788	4.740

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	4.732	0.446	86.614%	4.149	0.351	0.352	16.740	0.268

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.640%	0.407	0.430	29.680	93.000%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.190	0.612	12.260	85.700	T 7596.000	T 7477.000	TM 13560.000	T 1999.000	13370.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.360%	203.200	25.480	18.280	2287.000	T 658.900	TM 25140.000	9.471	20.340

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		29.010	52.520	4.985	-0.081	0.228	23.090	95.392%	0.411	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		-0.316	0.054	0.578	85.752%	2.703	0.290	0.273	116.100	6.877

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.784%	0.280	0.276	7.923	88.900%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.990	0.543	11.710	98.240	T 8464.000	T 8352.000	TM 11570.000	T 1784.000	TM 41340.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.372%	166.400	22.590	15.890	-18570.000	T 661.000	TM 20010.000	7.725	17.760

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		32.410	132.600	3.885	-0.017	0.177	53.500	91.704%	0.471	0.041

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.171	0.040	3.045	84.993%	2.543	0.243	0.255	96.690	5.015

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.472%	0.208	0.220	15.270	87.480%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.350	5.141	103.400	↹10410.000	↹10230.000	↹10160.000	↹5128.000	↹9957.000	9783.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.084%	47.310	50.100	48.830	-20800.000	49.170	↹5217.000	48.490	49.840

Run	Time	65Cu66	Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.180	50.860	50.500	-0.167	48.500	50.930	77.896%	50.680	50.290

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.623	50.210	50.550	82.049%	52.500	52.490	52.670	50.690	0.047

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		87.874%	51.170	51.230	50.130	86.982%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	-0.026	1.618	2.594	1.864	1.929	1.160	1.348	3.802

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.038%	-0.010	0.198	-0.040	5456.000	0.017	-3.623	0.011	-0.005

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.007	0.713	0.593	-0.125	-0.510	0.007	82.472%	0.074	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		0.077	0.005	-0.014	87.885%	0.071	-0.016	0.017	-0.064	-0.006

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.807%	0.238	0.252	0.012	91.371%

S 609043-011-006-1/1 09/28/2006 05:39:02 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.840	0.647	11.910	130.500	T 19340.000	T 19170.000	TM 14010.000	T 2484.000	TM 50150.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.285%	185.100	28.760	19.050	-22660.000	T 936.500	TM 25380.000	9.531	22.900

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		33.320	86.380	4.024	0.089	0.130	51.370	92.863%	0.613	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		-0.354	0.051	2.147	84.298%	2.502	0.463	0.445	94.530	6.373

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.926%	0.280	0.272	12.380	86.693%

S 609075-001-001-1/1 09/28/2006 05:45:13 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.517	1.628	4.379	37.790	T 645.300	633.400	T 8673.000	T 581.900	3187.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.200%	87.930	15.310	11.000	5177.000	TM 1476.000	TM 12290.000	5.677	5.859

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.637	40.640	4.563	-0.013	0.428	10.210	100.355%	0.818	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		-0.142	0.061	0.503	91.736%	2.885	0.213	0.263	233.200	4.374

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		95.275%	0.195	0.196	33.890	94.498%

S 609075-002-003-1/1 09/28/2006 05:51:25 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.120	1.992	5.481	28.360	T 1042.000	1025.000	T 9846.000	T 754.700	8554.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		86.089%	107.100	20.140	11.220	8679.000	TM 2665.000	TM 13470.000	6.934	8.842
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.605	56.200	5.119	-0.019	0.425	22.890	100.385%	0.887	0.065
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.116	0.065	0.596	88.724%	2.887	0.277	0.308	453.600	5.731
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.383%	0.195	0.207	47.840	92.516%				

S 609075-003-007-1/1 09/28/2006 05:57:34 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.111	1.634	2.981	30.700	T 612.000	596.000	T 9078.000	T 569.000	960.900
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		90.203%	114.300	19.160	12.940	-4913.000	TM 1466.000	TM 13500.000	7.930	6.613
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.250	27.550	4.964	-0.006	0.797	4.020	102.594%	1.108	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		-0.161	0.040	0.325	91.660%	3.238	0.267	0.302	110.900	5.980
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.777%	0.189	0.201	45.130	93.795%				

S 609075-004-008-1/1 09/28/2006 06:03:43 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.584	1.705	3.401	36.550	T 698.400	683.800	T 9396.000	T 671.600	1719.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.453%	94.350	16.420	11.380	-1127.000	TM 1480.000	TM 12400.000	7.939	6.131
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.378	29.010	3.957	0.046	0.670	5.818	100.519%	0.830	0.049
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.070	0.044	0.331	90.248%	2.886	0.231	0.231	134.200	5.889
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.018%	0.173	0.182	31.670	93.290%				

S 609075-005-009-1/3 09/28/2006 06:09:53 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.745	0.974	2.576	35.610	T 747.500	731.100	TM 10210.000	T 673.000	1034.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.386%	119.500	21.290	12.810	-4120.000	TM 1358.000	TM 12990.000	7.734	6.631
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.502	27.660	4.139	0.082	0.377	5.649	97.203%	0.797	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		-0.099	0.045	0.217	90.606%	2.905	0.259	0.245	154.900	5.279
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		94.526%	0.195	0.196	42.430	93.883%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.607	6.034	99.110	T 1048.000	T 2120.000	2042.000	TM 19630.000	T 2263.000	2072.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.129%	340.000	75.290	65.400	3296.000	TM 1325.000	TM 15490.000	51.950	56.220

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.440	124.700	13.570	0.071	8.817	96.930	94.105%	42.610	9.574

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.587	9.643	9.957	86.885%	50.070	5.164	5.423	276.000	5.762

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.148%	10.310	10.390	141.000	90.535%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.692	6.126	100.500	T 1064.000	T 2162.000	2080.000	TM 20600.000	T 2332.000	2192.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.601%	348.200	78.760	65.640	1606.000	TM 1853.000	TM 17840.000	54.870	56.750

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.590	127.400	14.220	0.095	8.598	96.570	95.345%	43.200	9.704

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.669	9.686	9.902	87.327%	50.370	5.295	5.363	307.000	5.828

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		92.287%	10.280	10.430	145.300	91.146%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.630	11.260	77.410	T 5275.000	T 5851.000	T 5791.000	TM 11340.000	T 5792.000	6083.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.089%	142.300	41.080	32.650	8017.000	TM 1438.000	TM 15140.000	36.520	45.960

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.450	102.600	79.130	-0.065	62.020	24.810	91.068%	30.140	41.190

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-8.160	41.040	25.300	84.871%	114.900	86.530	90.230	176.600	5.344

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.674%	107.400	107.900	125.800	88.962%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.958	0.186	1.652	7.904	142.700	150.300	T 2064.000	132.000	211.400

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.759%	24.100	5.594	3.159	-980.800	272.200	T 2689.000	1.658	1.383

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.800	7.882	1.560	-0.000	-0.044	1.252	88.308%	0.186	0.015

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	0.010	0.037	91.569%	0.633	0.048	0.059	31.630	1.042

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.398%	0.357	0.345	8.512	95.995%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.590	5.211	100.700	τ10280.000	τ10170.000	τ10070.000	τ5121.000	τ10020.000	9839.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.057%	46.960	49.120	48.720	-12310.000	49.180	τ5229.000	48.230	49.210
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.090	50.480	50.090	-0.126	48.390	50.980	79.172%	51.010	50.330
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.909	50.140	50.750	83.109%	52.570	52.580	52.620	50.660	0.048
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		88.090%	51.490	51.570	50.380	86.761%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.016	-0.026	0.011	3.706	3.137	3.311	2.092	2.088	6.143
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.824%	0.039	-1.003	-0.054	11600.000	0.066	-1.299	0.015	0.002
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	0.735	0.221	-0.070	-0.399	0.026	83.380%	0.071	0.014
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.052	0.012	0.007	88.220%	0.069	0.008	0.022	-0.079	-0.003
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		91.130%	0.252	0.274	0.021	91.322%				

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.685	0.840	2.388	32.890	τ803.500	782.400	τ8501.000	τ624.300	1286.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		87.880%	129.100	21.700	15.190	1300.000	τ440.900	TM 14740.000	4.155	5.460

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.661	22.920	5.692	0.053	0.550	5.732	94.649%	1.112	0.036

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.102	0.044	0.140	90.708%	2.922	0.279	0.287	69.070	4.193

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.318%	0.245	0.244	37.050	93.870%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.078	0.954	2.295	30.180	τ1003.000	977.600	τ8880.000	τ602.000	1309.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.039%	124.600	22.810	17.140	-1956.000	τ895.800	TM 13680.000	6.892	6.974

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.584	22.810	5.011	0.016	0.468	5.795	98.135%	0.930	0.036

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.143	0.038	0.204	90.176%	2.844	0.257	0.248	78.320	5.914

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		94.032%	0.219	0.220	32.190	93.172%

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User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.759	0.913	3.457	38.620	T 790.700	778.400	TM 11110.000	T 773.000	967.500
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.403%	126.500	22.500	12.760	-2531.000	TM 1176.000	TM 13530.000	7.194	6.638
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.957	24.910	4.644	0.103	0.269	5.683	96.300%	0.841	0.047
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.099	0.045	0.190	89.686%	2.839	0.232	0.260	123.200	5.263
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		92.782%	0.220	0.240	35.010	91.529%				

S 609075-009-005-1/2 09/28/2006 07:11:42 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.126	1.023	4.112	29.990	363.200	388.700	T 6284.000	358.500	550.300
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		89.006%	123.500	21.170	18.230	-9969.000	TM 1052.000	TM 16220.000	6.389	5.045
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.703	17.690	6.138	0.084	0.379	2.475	95.541%	1.238	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		-0.215	0.020	0.210	91.384%	2.800	0.313	0.323	55.350	3.416
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		93.892%	0.134	0.128	20.460	93.363%				

S 609104-001-004-1/2 09/28/2006 07:17:53 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		21.250	0.525	6.372	133.400	T 5034.000	T 4964.000	TM 13550.000	T 1183.000	T 16970.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		84.768%	145.800	23.890	17.560	-524.600	T 508.100	TM 20760.000	6.921	16.230

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		25.100	97.590	2.771	-0.040	0.340	34.460	94.981%	0.406	0.043

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.177	0.031	0.166	86.320%	2.685	0.072	0.094	95.310	6.501

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.894%	0.128	0.152	8.822	88.403%

ICSA 09/28/2006 07:30:06 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.188	-0.023	0.247	TM 257200.000	TM 96120.000	TM 95590.000	TM 100900.000	TM 102100.000	TM 311900.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		70.833%	M 1979.000	-0.695	1.125	-40690.000	-0.063	TM 251900.000	-0.019	0.050

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.720	1.444	0.514	0.668	-0.028	4.454	68.687%	M 2049.000	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		1.771	0.099	0.059	74.354%	0.203	0.188	0.182	0.553	0.039

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		77.996%	0.086	0.096	0.128	69.149%

ICSAB 09/28/2006 07:36:13 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.224	17.210	22.110	TM 258700.000	TM 96580.000	TM 95710.000	TM 100300.000	TM 102000.000	TM 312200.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		71.064%	M 1995.000	19.300	19.970	-45720.000	18.560	TM 250500.000	18.160	17.640
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.740	17.290	18.640	0.480	16.710	25.720	69.008%	TM 2141.000	17.300
Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.183	17.070	16.830	74.560%	20.690	18.720	18.690	20.760	0.072
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.570%	21.780	22.000	20.970	70.846%				

ICSAB(Li) 09/28/2006 07:42:21 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		22.410	-0.020	21.920	TM 257200.000	TM 96040.000	TM 95590.000	TM 99480.000	TM 101200.000	TM 308400.000
Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		70.625%	M 1992.000	-0.157	1.012	-43400.000	-0.089	TM 248100.000	0.030	0.004
Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.648	1.988	0.922	0.599	0.096	4.326	67.758%	M 2048.000	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		1.960	0.128	-0.011	73.536%	0.156	0.175	0.215	0.517	0.031
Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi				
		ppb	ppb	ppb	ppb	ppb				
x		79.299%	0.200	0.197	0.133	71.141%				

CCV 09/28/2006 07:54:38 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.100	5.146	100.800	τ10340.000	τ10060.000	τ9809.000	τ5030.000	τ9828.000	9794.000

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		80.912%	47.790	49.450	48.510	-28010.000	48.820	τ5094.000	48.280	49.650

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.870	50.530	50.680	-0.130	49.000	50.940	77.911%	51.890	50.670

Run	Time	108Mo O	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-1.707	50.380	50.480	82.267%	53.090	52.710	52.870	50.980	0.064

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		89.678%	51.660	51.490	50.480	88.896%

CCB 09/28/2006 08:00:48 AM

User Pre-dilution: 1.000

Run	Time	7Li	9Be	10B	23Na	24Mg	25Mg	27Al	39K	44Ca
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.024	-0.025	-0.682	8.747	3.223	3.507	2.283	2.731	5.948

Run	Time	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		81.521%	0.050	-0.252	-0.275	-16220.000	0.061	-1.725	0.016	-0.003

Run	Time	65Cu	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	0.686	0.262	-0.123	-0.507	0.028	79.185%	0.278	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		0.027	0.009	0.008	84.630%	0.043	0.005	0.012	-0.041	-0.005

Run	Time	159Tb	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
x		90.318%	0.230	0.232	0.023	91.114%

ICPMS ANALYSIS LOG

Instrument ID: ICPMS (X0206) Inst. Method: 6020A Nebulizer: CONIKAL

Analytical Batch No: 060928MS

Workorder	Project/SDG #	Prep. Seq.	Batch #	Matrix s/w/e	Prep. Date	Method	Comments / Dilution
609054	SHAW		136	S	9.21.06	6020A	20x ON 002,006 / 10x ON 006
609054		93952	137				9.29.06 ~~10x, 20x ON 006~~ 10x ON ALL
609069		93952	137				
609088		94062	135	W			
609089							
609093							
609072	FLATWATER	93804	126	S	9.18.06		10x ON ALL BATCH QC ONLY
609079	ZAPATA						
609073	APEX		125	W			BATCH QC ONLY
609079	ZAPATA						
							I.S. - No Y

Source Solution Numbers			
Stds.	Number	Stds.	Number
S0	129-102-04	ICV	38188
S1	37871	CCV	38168
S2	37872	ICSA	38169
S3	37873	ICSAB	38170
S4	38185	CRI 5ppb	38187
S5	38186	Low Ck	38153
Ints	38171	LR	37926

Post Digestion Spikes

Spike 9.9 mls of sample with 0.1 mls of 35664

Samples:

609054-006-005-1/3

609069-001-013-1/6

609088-001-005-1/31

609073-001-001-1/1

Analyst: [signature] Date: 9.29.06 Reviewed: RA Date: 9-29-06

ICP ANALYSIS LOG

3518

GPL - Maryland Laboratory | ICPMS Analysis Log | Data File: 060928MS.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		10/28/2006	18:34	31	SE609054-008-005-1/		10/28/2006	19:35	61	SE609088-001-005-1/		10/28/2006	22:40	91	S 609079-010-010-1/1		10/29/2006	1:44					
2	STD1		10/28/2006	18:39	32	BLK93952		10/28/2006	19:42	62	S 609089-001-001-1/1		10/28/2006	22:46	92	S 609079-011-011-1/1		10/29/2006	1:50					
3	STD2		10/28/2006	18:44	33	BKS93952		10/28/2006	19:48	63	S 609089-002-002-1/1		10/28/2006	22:52	93	BLK(125)		10/29/2006	2:02					
4	STD3		10/28/2006	18:49	34	S 609054-009-004-1/1		10/28/2006	19:54	64	S 609089-003-012-1/1		10/28/2006	22:58	94	BKS(125)		10/29/2006	2:06					
5	STD4		10/28/2006	18:54	35	S 609069-001-013-1/6		10/28/2006	20:00	65	CCV		10/28/2006	23:04	95	S 609073-001-001-1/1		10/29/2006	2:14					
6	STD5		10/28/2006	18:59	36	SP609069-001-013-1/		10/28/2006	20:06	66	CCB		10/28/2006	23:10	96	SP609073-001-001-1/		10/29/2006	2:21					
7	STD6		10/28/2006	17:04	37	SD609069-001-013-1/		10/28/2006	20:12	67	S 609093-001-001-1/1		10/28/2006	23:16	97	SD609073-001-001-1/		10/29/2006	2:27					
8	ICV		10/28/2006	17:09	38	PS609069-001-013-1/		10/28/2006	20:18	68	S 609093-002-013-1/1		10/28/2006	23:22	98	PS609073-001-001-1/		10/29/2006	2:33					
9	ICV(CD)		10/28/2006	17:15	39	SE609069-001-013-1/		10/28/2006	20:24	69	S 609093-003-002-1/1		10/28/2006	23:29	99	SE609073-001-001-1/		10/29/2006	2:39					
10	ICB		10/28/2006	17:21	40	S 609069-002-001-1/2		10/28/2006	20:31	70	S 609093-004-014-1/1		10/28/2006	23:35	100	S 609079-012-012-1/1		10/29/2006	2:45					
11	CCV		10/28/2006	17:27	41	CCV		10/28/2006	20:37	71	BLK93804		10/28/2006	23:41	101	CCV		10/29/2006	2:51					
12	CCB		10/28/2006	17:33	42	CCB		10/28/2006	20:43	72	BKS93804		10/28/2006	23:47	102	CCB		10/29/2006	2:57					
13	PQL		10/28/2006	17:39	43	S 609069-003-003-1/2		10/28/2006	20:49	73	S 609072-001-001-1/1		10/28/2006	23:53	103	ICSA		10/29/2006	3:04					
14	ICSA		10/28/2006	17:45	44	S 609069-004-019-1/1		10/28/2006	20:55	74	SP609072-001-001-1/		10/28/2006	23:59	104	ICSAB		10/29/2006	3:16					
15	ICSAB		10/28/2006	17:51	45	S 609069-005-020-1/1		10/28/2006	21:01	75	SD609072-001-001-1/		10/29/2006	0:06	105	CCV		10/29/2006	3:22					
16	LR Bc		10/28/2006	17:57	46	S 609069-006-005-1/2		10/28/2006	21:08	76	PS609072-001-001-1/		10/29/2006	0:12	106	CCB		10/29/2006	3:28					
17	CCV		10/28/2006	18:10	47	S 609069-007-007-1/2		10/28/2006	21:14	77	CCV		10/29/2006	0:18										
18	CCB		10/28/2006	18:16	48	S 609069-008-009-1/2		10/28/2006	21:20	78	CCB		10/29/2006	0:24										
19	S 609054-002-008-1/2		10/28/2006	18:22	49	S 609069-009-021-1/1		10/28/2006	21:26	79	SE609072-001-001-1/		10/29/2006	0:30										
20	S 609054-008-005-1/3		10/28/2006	18:28	50	S 609069-010-022-1/1		10/28/2006	21:32	80	S 609079-001-001-1/1		10/29/2006	0:36										
21	SP609054-008-005-1/		10/28/2006	18:34	51	S 609069-011-011-1/2		10/28/2006	21:38	81	S 609079-002-002-1/1		10/29/2006	0:42										
22	SD609054-008-005-1/		10/28/2006	18:40	52	S 609069-012-023-1/1		10/28/2006	21:44	82	S 609079-003-003-1/1		10/29/2006	0:48										
23	PS609054-008-005-1/		10/28/2006	18:46	53	CCV		10/28/2006	21:50	83	S 609079-004-004-1/1		10/29/2006	0:55										
24	SE609054-008-005-1/		10/28/2006	18:52	54	CCB		10/28/2006	21:57	84	S 609079-005-005-1/1		10/29/2006	1:01										
25	S 609054-008-005-1/3		10/28/2006	18:59	55	BLK(135)		10/28/2006	22:03	85	S 609079-006-006-1/1		10/29/2006	1:07										
26	SP609054-008-005-1/		10/28/2006	19:05	56	BKS(135)		10/28/2006	22:09	86	S 609079-007-007-1/1		10/29/2006	1:13										
27	SD609054-008-005-1/		10/28/2006	19:11	57	S 609088-001-005-1/1		10/28/2006	22:15	87	S 609079-008-008-1/1		10/29/2006	1:19										
28	PS609054-008-005-1/		10/28/2006	19:17	58	SP609088-001-005-1/		10/28/2006	22:21	88	S 609079-009-009-1/1		10/29/2006	1:25										
29	CCV		10/28/2006	19:23	59	SD609088-001-005-1/		10/28/2006	22:27	89	CCV		10/29/2006	1:31										
30	CCB		10/28/2006	19:29	60	PS609088-001-005-1/		10/28/2006	22:33	90	CCB		10/29/2006	1:38										

Analyst Signature: [signature] Date: 9.29.06 Analyst Signature: Date:

Sample Dilutions:

609054-009-004-1/1:20x For Ti (4)

IS okay
LR okay

200-1e *Supersedes GP_M_164*

F10OR002908_01.09_0507_a

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: 09/28/2006 End Date: 09/29/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
BLANK	16:34	100		100		100		100		100	
STD1	16:39	105		103		106		102		103	
STD2	16:44	106		102		107		100		103	
STD3	16:49	94		93		95		95		94	
STD4	16:54	98		94		96		94		96	
STD5	16:59	100		98		100		97		99	
STD6	17:04	98		98		99		98		100	
ICV	17:09	91		93		89		94		94	
ICV(CD)	17:15	100		95		96		92		97	
ICB	17:21	96		93		95		92		94	
CCV	17:27	98		91		91		88		96	
CCB	17:33	97		94		93		93		96	
PQL	17:39	104		94		95		90		98	
ICSA	17:45	79		80		76		78		85	
ICSAB	17:51	86		83		81		78		90	
LR	17:57	99		89		82		86		97	
CCV	18:10	100		92		91		87		97	
CCB	18:16	104		97		95		94		101	
S 609054-002-008-1/2	18:22	109		100		97		100		105	
S 609054-006-005-1/3	18:28	100		97		93		115		102	
SP609054-006-005-1/3	18:34	101		97		94		117		102	
SD609054-006-005-1/3	18:40	96		95		90		116		98	
PS609054-006-005-1/3	18:46	97		93		88		111		99	
SE609054-006-005-1/3	18:52	109		104		98		104		106	
S 609054-006-005-1/3	18:59	101		99		93		108		101	
SP609054-006-005-1/3	19:05	104		99		94		108		103	
SD609054-006-005-1/3	19:11	102		98		94		108		101	
PS609054-006-005-1/3	19:17	98		93		88		102		98	
CCV	19:23	101		92		91		87		97	
CCB	19:29	100		97		96		96		98	
SE609054-006-005-1/3	19:35	110		103		99		101		105	
BLK93952	19:42	108		104		102		101		104	
BKS93952	19:48	103		97		94		94		99	
S 609054-009-004-1/1	19:54	105		99		96		115		102	
S 609069-001-013-1/6	20:00	104		101		95		99		102	
SP609069-001-013-1/6	20:06	104		98		92		96		101	
SD609069-001-013-1/6	20:12	106		99		93		96		102	
PS609069-001-013-1/6	20:18	99		95		87		95		98	

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: 09/28/2006 End Date: 09/29/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
SE609069-001-013-1/6	20:24	111		105		98		100		105	
S 609069-002-001-1/2	20:31	107		102		95		99		104	
CCV	20:37	99		92		86		88		96	
CCB	20:43	107		101		97		96		101	
S 609069-003-003-1/2	20:49	103		100		94		100		101	
S 609069-004-019-1/1	20:55	110		103		97		100		105	
S 609069-005-020-1/1	21:01	114		106		102		104		106	
S 609069-006-005-1/2	21:08	106		101		95		100		102	
S 609069-007-007-1/2	21:14	110		103		99		100		105	
S 609069-008-009-1/2	21:20	103		100		94		100		102	
S 609069-009-021-1/1	21:26	110		102		98		99		105	
S 609069-010-022-1/1	21:32	108		102		97		100		104	
S 609069-011-011-1/2	21:38	105		100		94		99		103	
S 609069-012-023-1/1	21:44	111		104		100		101		106	
CCV	21:50	95		91		84		88		94	
CCB	21:57	106		100		96		96		101	
BLK(135)	22:03	106		103		97		99		104	
BKS(135)	22:09	101		96		86		93		99	
S 609088-001-005-1/1	22:15	104		100		99		97		103	
SP609088-001-005-1/1	22:21	97		96		92		95		99	
SD609088-001-005-1/1	22:27	104		101		91		96		104	
PS609088-001-005-1/1	22:33	103		99		96		97		102	
SE609088-001-005-1/1	22:40	106		100		94		96		101	
S 609089-001-001-1/1	22:46	110		102		100		100		104	
S 609089-002-002-1/1	22:52	103		100		95		100		101	
S 609089-003-012-1/1	22:58	99		96		87		93		100	
CCV	23:04	104		96		89		91		99	
CCB	23:10	102		96		89		93		97	
S 609093-001-001-1/1	23:16	108		100		96		98		103	
S 609093-002-013-1/1	23:22	94		93		92		95		98	
S 609093-003-002-1/1	23:29	110		103		97		100		105	
S 609093-004-014-1/1	23:35	107		100		93		95		105	
BLK93804	23:41	107		101		91		97		103	
BKS93804	23:47	111		101		92		94		104	
S 609072-001-001-1/1	23:53	113		105		96		101		107	
SP609072-001-001-1/1	23:59	109		101		92		98		105	
SD609072-001-001-1/1	0:06	113		103		96		98		107	
PS609072-001-001-1/1	0:12	105		97		88		94		102	

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: 09/28/2006 End Date: 09/29/2006

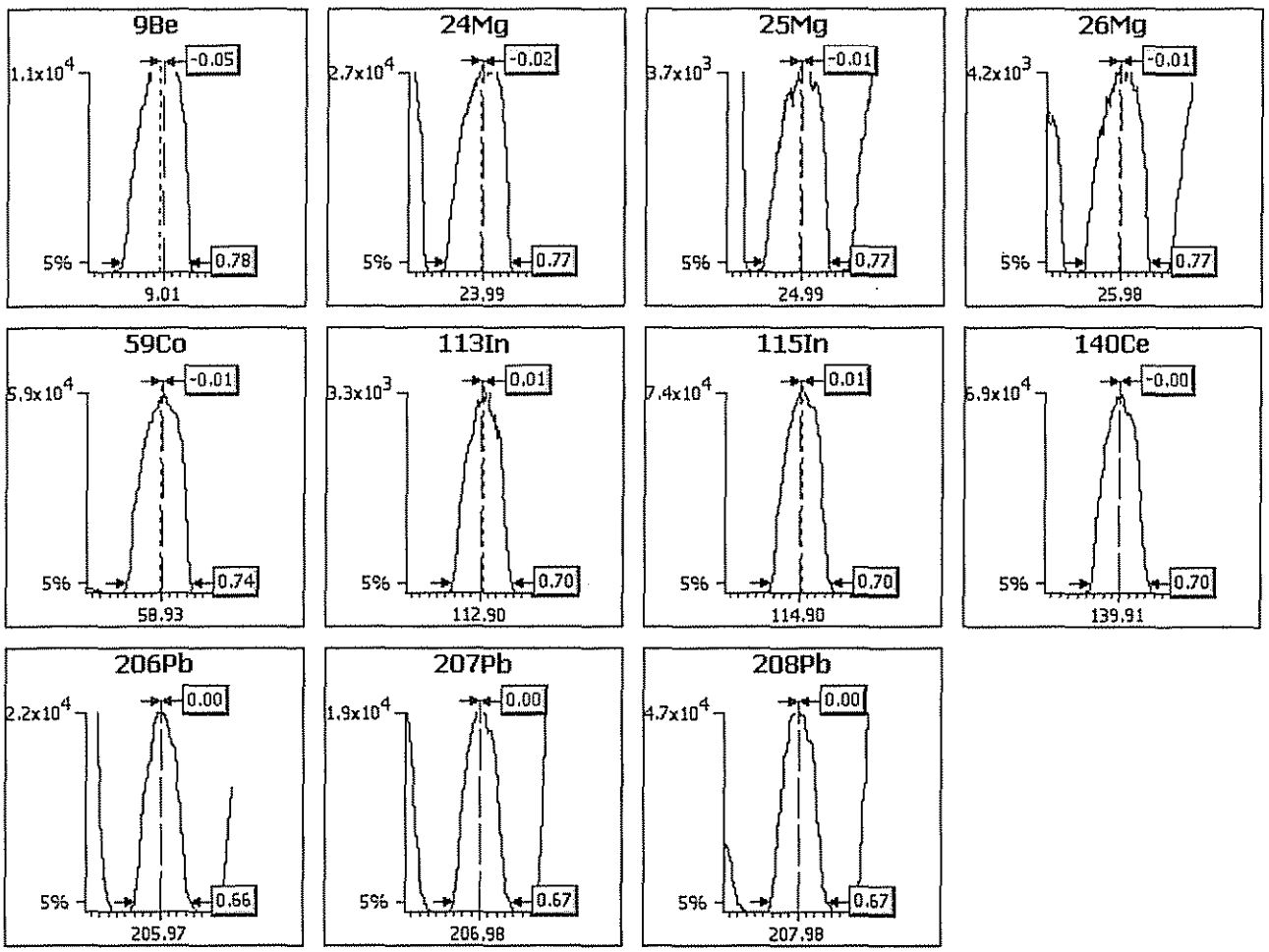
EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
CCV	0:18	104		94		89		88		99	
CCB	0:24	107		100		93		94		101	
SE609072-001-001-1/1	0:30	112		104		98		100		106	
S 609079-001-001-1/1	0:36	114		106		102		101		107	
S 609079-002-002-1/1	0:42	107		102		96		98		103	
S 609079-003-003-1/1	0:48	111		104		99		99		106	
S 609079-004-004-1/1	0:55	110		104		99		99		105	
S 609079-005-005-1/1	1:01	110		105		98		103		106	
S 609079-006-006-1/1	1:07	114		105		101		101		107	
S 609079-007-007-1/1	1:13	107		103		95		101		104	
S 609079-008-008-1/1	1:19	110		103		97		99		105	
S 609079-009-009-1/1	1:25	112		104		99		98		106	
CCV	1:31	99		93		83		88		96	
CCB	1:38	110		102		95		94		103	
S 609079-010-010-1/1	1:44	110		104		97		99		104	
S 609079-011-011-1/1	1:50	109		103		96		98		104	
BLK(125)	2:02	106		104		93		99		104	
BKS(125)	2:08	107		98		90		92		102	
S 609073-001-001-1/1	2:14	102		100		88		95		104	
SP609073-001-001-1/1	2:21	100		95		86		91		100	
SD609073-001-001-1/1	2:27	104		97		90		91		102	
PS609073-001-001-1/1	2:33	100		98		85		94		101	
SE609073-001-001-1/1	2:39	111		101		93		94		105	
S 609079-012-012-1/1	2:45	110		102		97		95		105	
CCV	2:51	102		94		86		89		98	
CCB	2:57	109		98		93		90		101	
ICSA	3:04	86		83		75		78		89	
ICSAB	3:16	90		84		77		77		92	
CCV	3:22	104		92		86		86		99	
CCB	3:28	109		96		92		89		102	

Performance Report

Sample details
Acquired at : 09/28/2006 02:58:42 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	-0.05
24Mg	0.90	0.45	0.10	0.77	-0.02
25Mg	0.90	0.45	0.10	0.77	-0.01
26Mg	0.90	0.45	0.10	0.77	-0.01
59Co	0.90	0.45	0.10	0.74	-0.01
113In	0.90	0.45	0.10	0.70	0.01
115In	0.90	0.45	0.10	0.70	0.01
140Ce	0.90	0.45	0.10	0.70	-0.00
206Pb	0.90	0.45	0.10	0.66	0.00
207Pb	0.90	0.45	0.10	0.67	0.00
208Pb	0.90	0.45	0.10	0.67	0.00

Sample details
Acquired at : 09/28/2006 02:58:42 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Tune conditions

Major	
Extraction	-157
Lens 1	2.0
Focus	25.1
D1	-41.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.91
Sampling Depth	130

Minor	
Lens 2	-49.4
Lens 3	-134.1
Forward power	1404
Horizontal	105
Vertical	380
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	122
High resolution	125
Analogue Detector	2300
PC Detector	3780

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	03:00:14 PM	0.111	11927.934	28076.719	3911.188	4303.982	60608.917	3641.177	79249.167	73125.060
2	03:01:25 PM	0.111	11645.678	27704.948	3770.627	4319.538	59944.628	3540.063	78704.293	72285.005
3	03:02:35 PM	0.056	11747.357	27861.103	3734.514	4344.539	58817.848	3531.729	78851.631	72704.198
4	03:03:45 PM	0.056	11631.788	27778.302	3746.737	4363.984	59325.926	3522.840	79201.352	72822.617
5	03:04:56 PM	0.278	11720.131	27993.362	3747.848	4357.873	58502.107	3567.841	78918.906	72333.929
x		0.122	11734.577	27882.887	3782.183	4337.983	59439.885	3560.730	78985.070	72654.162
σ		0.09	118.56	152.36	73.29	25.55	851.58	48.03	233.21	350.52
%RSD		74.689	1.010	0.546	1.938	0.589	1.433	1.349	0.295	0.482

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	03:00:14 PM	736.855	24662.485	20882.180	50987.440	0.278
2	03:01:25 PM	728.892	24441.320	20734.927	50417.151	0.167
3	03:02:35 PM	744.262	24616.363	20939.970	50556.666	0.000
4	03:03:45 PM	723.521	24683.046	20759.932	51075.818	0.056
5	03:04:56 PM	720.558	24299.619	20599.899	50325.438	0.056
x		730.817	24540.566	20783.382	50672.502	0.111
σ		9.74	164.94	133.08	339.46	0.11
%RSD		1.333	0.672	0.640	0.670	100.000

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0200
1	03:00:14 PM	0.010

2	03:01:25 PM	0.010
3	03:02:35 PM	0.010
4	03:03:45 PM	0.010
5	03:04:56 PM	0.010
x		0.0101
σ		0.00
%RSD		1.1901

Result : The performance report passed.

Dilution Corrected Concentrations

BLANK 09/28/2006 04:34:11 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%	-0.011	-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	95Mo	107Ag	108Mo O
		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	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	0.000	100.000%	0.000	-0.000	0.000	-0.000	-0.000	100.000%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		-0.000	0.000	0.000	100.000%

STD1 09/28/2006 04:39:17 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		105.804%	5.000	2.106	-0.013	-0.042	τ4921.000	-0.075	37.440	102.103%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.360	48.630	47.650	-15940.000	48.090	τ4926.000	48.740	49.350	48.730

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.630	48.470	-0.035	49.490	49.310	0.000	49.480	49.920	-1.710

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.830	49.620	102.941%	49.590	49.450	49.660	48.370	0.058	102.793%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		47.370	48.220	48.020	105.059%

STD2 09/28/2006 04:44:22 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		107.002%	10.250	2.581	0.008	-0.095	TM 10040.000	0.324	71.090	99.921%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.290	98.300	97.520	-18560.000	97.340	TM 10040.000	98.170	99.020	98.640
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.710	99.200	-0.053	99.690	99.110	0.000	99.430	M 100.000	-3.492
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 100.100	100.400	101.656%	100.800	99.320	99.700	98.400	0.114	102.988%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		95.800	97.590	97.040	105.545%					

STD3 09/28/2006 04:49:28 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		94.960%	M 50.000	12.050	0.647	0.552	12.850	5.809	146.900	95.324%
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 1000.000	TM 1000.000	-32730.000	TM 1000.000	TM 51520.000	TM 1000.000	M 750.200	M 1000.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 500.300	M 200.800	-0.170	M 200.300	M 200.600	0.000	M 1000.000	M 102.400	-7.117
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 101.700	M 199.900	93.300%	M 999.900	M 500.200	M 500.100	M 1000.000	1.088	94.170%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		M 202.800	M 201.600	TM 2000.000	93.706%					

STD4 09/28/2006 04:54:33 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		96.212%	-0.010	τ 986.800	τ 997.200	1013.000	0.979	τ 981.400	1040.000	93.542%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.078	0.962	0.301	-20110.000	0.044	-3.386	0.008	0.104	0.115

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.324	-0.005	-0.065	0.051	0.041	0.000	1.087	0.001	-0.038

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	0.009	94.312%	0.320	0.085	0.075	0.096	0.000	95.603%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.560	0.564	0.049	97.514%

STD5 09/28/2006 04:59:41 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		100.496%	-0.007	τ 10030.000	τ 10040.000	τ 9965.000	0.104	τ 10160.000	10310.000	96.709%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	0.656	0.048	-25800.000	0.270	0.426	-0.001	0.098	0.041

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.720	-0.259	-0.021	-0.081	0.140	0.000	0.206	0.008	0.031

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.009	98.137%	0.172	0.013	-0.011	0.088	0.004	99.121%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.213	0.205	0.124	99.733%

STD6 09/28/2006 05:04:48 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		99.029%	-0.008	TM 19990.000	TM 19980.000	TM 20020.000	0.260	TM 19920.000	M 19840.000	97.698%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.087	0.286	0.076	-27280.000	0.500	2.371	0.004	0.169	0.138

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.577	0.021	0.091	-0.011	0.267	0.000	0.132	0.008	0.061

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	-0.013	97.715%	0.136	0.007	0.001	0.081	0.001	100.049%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.145	0.155	0.224	98.484%

ICV 09/28/2006 05:09:55 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		88.748%	4.372	T 5179.000	T 5207.000	5113.000	511.200	T 4989.000	5059.000	94.446%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.080	41.290	39.060	-5081.000	41.400	T 528.300	41.080	41.490	40.750

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.790	40.950	-0.003	41.010	41.200	0.000	40.550	40.880	-0.578

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.100	4.698	92.712%	41.170	41.550	41.290	41.820	0.048	93.924%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		42.560	41.970	40.550	91.287%

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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		96.375%	-0.012	-0.489	-0.088	-0.130	-0.142	-0.235	1.344	92.395%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.055	-0.106	-0.027	1332.000	0.002	-5.161	-0.001	0.004	-0.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.460	-0.273	-0.029	-0.335	-0.002	0.000	0.095	0.001	-0.060
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	3.820	94.943%	0.066	-0.010	-0.005	-0.021	0.000	97.232%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.245	0.248	0.002	100.243%					

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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		94.564%	-0.011	-0.457	0.041	-0.038	-0.397	0.174	-0.284	92.158%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.025	0.508	0.185	142.600	0.004	-3.936	0.000	0.006	-0.003
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.271	-0.473	0.024	-0.379	-0.010	0.000	0.031	0.000	0.054
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.011	93.100%	0.056	-0.010	-0.012	0.035	0.000	94.381%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.123	0.132	0.002	95.605%					

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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		90.743%	4.975	τ9605.000	τ9543.000	τ9499.000	τ4986.000	τ9503.000	9851.000	88.405%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.720	49.410	48.180	-26600.000	48.910	τ5035.000	48.370	48.850	48.370

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.240	48.770	-0.111	47.690	49.790	0.000	49.780	49.570	-1.468

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.610	49.460	91.362%	50.090	50.250	50.200	48.630	0.054	95.643%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		47.870	49.360	48.890	98.037%

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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		92.915%	-0.009	0.197	0.042	-0.053	-0.124	0.872	0.205	92.873%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	0.416	-0.015	-7480.000	-0.003	-4.736	-0.001	0.011	-0.008

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.419	-0.482	-0.044	-0.501	-0.001	0.000	0.042	0.001	0.092

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.001	-0.024	94.048%	0.080	-0.023	-0.002	0.034	0.000	95.611%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.228	0.249	0.001	96.928%

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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		95.329%	0.198	T 929.600	90.490	95.560	102.900	T 944.900	1016.000	90.017%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.059	10.340	1.611	-21520.000	1.980	43.300	1.015	1.107	2.118

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.944	4.904	-0.163	5.511	1.961	0.000	5.050	0.318	0.089

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.320	0.507	94.475%	5.235	1.101	1.099	5.362	0.003	97.787%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		1.914	1.967	1.959	104.073%

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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		76.387%	-0.007	TM 253400.000	TM 97050.000	TM 96400.000	TM 98730.000	TM 98500.000	TM 313700.000	78.295%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2074.000	-0.140	0.569	-56080.000	0.062	TM 246300.000	0.081	0.266	0.667

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.635	0.936	0.353	1.136	4.225	0.000	M 1990.000	0.109	1.635

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.083	0.121	79.901%	0.196	0.189	0.144	0.538	0.045	85.291%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.170	0.164	0.133	79.326%

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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		80.611%	16.870	TM 246100.000	TM 94010.000	TM 93370.000	TM 98920.000	TM 97570.000	TM 314200.000	77.720%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2066.000	19.120	19.100	-58590.000	18.780	TM 245900.000	18.210	17.440	17.130

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.590	18.660	0.218	16.390	24.270	0.000	M 1972.000	17.290	1.197

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.440	17.080	82.731%	20.190	18.500	18.470	20.000	0.045	89.778%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		20.220	20.770	20.440	86.213%

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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		82.273%	M 224.800	23.150	3.187	2.795	7.712	3.412	3481.000	85.847%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4725.000	TM 4873.000	TM 4975.000	T 46910.000	TM 5103.000	TM 256700.000	TM 5015.000	TM 3503.000	TM 5054.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 2384.000	M 954.400	-0.776	M 920.800	TM 6179.000	0.000	TM 5342.000	M 490.900	-20.160

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 490.000	M 962.500	89.479%	TM 4758.000	M 498.600	493.900	TM 5019.000	4.720	96.624%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		TM 986.200	TM 1011.000	TM 9941.000	99.102%

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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		90.639%	4.884	τ9574.000	τ9533.000	τ9478.000	τ4990.000	τ9471.000	9895.000	87.213%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.640	49.070	48.200	-40900.000	49.030	τ5021.000	49.030	49.100	48.900

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.730	49.050	-0.165	47.830	49.280	0.000	51.010	49.670	-1.445

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	49.110	91.557%	50.650	50.350	50.660	48.390	0.052	97.132%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.160	49.760	49.070	100.211%

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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		95.437%	-0.010	3.834	0.007	0.071	-0.187	-0.353	-0.513	93.580%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.032	0.190	-0.142	-21550.000	-0.009	-4.607	-0.000	-0.001	0.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.431	0.086	-0.132	-0.200	-0.007	0.000	0.437	0.002	0.030

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.006	97.029%	0.375	-0.018	-0.016	0.059	0.001	100.651%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.367	0.368	0.004	104.126%

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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		96.723%	0.680	113.400	T 3351.000	3247.000	TM 21120.000	T 847.400	2904.000	99.670%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		847.300	100.500	33.840	-36680.000	TM 1406.000	TM 38420.000	23.060	23.110	40.850

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.690	4.564	0.044	1.452	64.490	0.000	0.740	0.056	-0.371

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.049	0.255	99.552%	2.014	0.083	0.092	268.400	7.618	105.325%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.298	0.301	7.234	109.314%

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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		92.703%	0.655	T 506.100	T 18890.000	T 18840.000	TM 66400.000	T 703.700	7099.000	115.073%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 6964.000	T 392.900	299.200	-33650.000	TM 2951.000	TM 102300.000	99.110	119.100	150.300

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.440	1.172	0.107	1.156	45.070	0.000	0.405	0.114	-0.954

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.043	0.734	96.907%	3.200	0.008	0.029	156.200	12.470	101.772%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.210	0.237	4.257	99.966%

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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		93.659%	4.932	T 1669.000	TM 22750.000	TM 22550.000	TM 84870.000	T 1717.000	8934.000	117.168%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7975.000	T 476.700	T 377.900	-36220.000	TM 3345.000	TM 115700.000	153.300	186.900	214.900
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		195.000	9.247	0.086	9.395	148.900	0.000	37.720	10.700	-1.707
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.600	11.670	97.255%	53.190	1.644	1.966	285.600	14.170	101.677%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		11.150	11.430	115.700	100.983%					

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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		89.830%	4.800	T 1875.000	TM 23010.000	TM 22830.000	TM 85060.000	T 1701.000	9215.000	116.158%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7929.000	T 470.800	364.400	-30300.000	TM 3224.000	TM 114700.000	150.500	184.200	212.300
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		193.600	9.148	0.094	8.898	149.600	0.000	36.960	10.310	-1.769
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.260	10.950	94.830%	51.020	1.663	1.818	295.600	13.770	98.411%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		10.980	11.090	111.400	96.149%					

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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		87.716%	8.421	T 5379.000	TM 23330.000	TM 23300.000	TM 65730.000	T 5009.000	11010.000	111.087%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 6848.000	T 401.000	309.300	-32360.000	TM 2956.000	TM 101000.000	121.900	148.900	170.800

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		160.600	69.520	0.081	60.390	63.020	0.000	30.060	40.400	-7.496

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.910	23.870	93.186%	106.400	79.740	82.330	171.100	12.080	98.513%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.900	103.400	85.080	96.691%

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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		97.671%	0.138	94.200	T 3924.000	3783.000	TM 14980.000	145.800	1645.000	103.831%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1468.000	86.170	70.060	-32300.000	T 650.800	TM 22580.000	22.240	27.440	34.430

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		24.580	-0.404	0.166	-0.027	9.512	0.000	0.104	0.023	-0.214

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.007	0.147	103.762%	0.751	0.007	0.009	30.980	2.518	105.539%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.306	0.308	0.839	109.459%

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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		92.644%	0.380	235.900	T 10060.000	T 9996.000	TM 36460.000	353.800	3911.000	108.409%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3501.000	203.900	165.700	-34360.000	TM 1604.000	TM 55380.000	53.570	65.060	81.840

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.570	0.491	0.133	0.465	23.610	0.000	0.158	0.052	-0.461

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.028	0.356	99.450%	1.617	0.020	0.017	79.020	6.360	101.332%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.157	0.164	2.117	100.500%

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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		94.093%	3.025	T 932.000	T 12900.000	T 12780.000	TM 50900.000	T 997.000	5376.000	107.635%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4252.000	264.700	222.500	-33510.000	TM 1966.000	TM 68360.000	90.660	110.900	129.300

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		120.300	4.987	0.147	5.082	84.570	0.000	20.930	5.951	-0.978

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.970	6.577	98.528%	29.430	0.901	1.071	158.900	7.797	102.747%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		5.939	6.127	62.660	104.434%

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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		94.120%	2.702	T 949.400	T 11700.000	T 11570.000	TM 46110.000	T 911.400	5084.000	107.521%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		H 3887.000	240.700	202.600	-31380.000	TM 1745.000	TM 62000.000	81.100	100.800	117.500
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.100	4.676	0.137	4.230	77.590	0.000	18.570	5.270	-0.788
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.210	5.497	98.029%	25.620	0.823	0.972	146.000	6.991	101.469%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		5.355	5.380	54.850	101.698%					

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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		88.416%	9.324	T 5298.000	T 14600.000	T 14470.000	TM 36210.000	T 4994.000	8339.000	101.718%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		H 3402.000	217.200	178.000	-29810.000	TM 1639.000	TM 56150.000	79.790	99.100	106.400
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		126.700	75.110	0.093	64.250	42.580	0.000	29.990	41.080	-6.915
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.030	24.620	93.081%	105.400	80.930	83.690	96.750	6.223	97.849%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		101.700	102.200	82.420	97.887%					

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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		90.937%	4.839	τ9730.000	τ9676.000	τ9568.000	τ5089.000	τ9610.000	9843.000	87.202%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.630	49.850	47.870	-39390.000	49.040	τ5103.000	49.280	49.740	49.300

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.160	48.590	-0.153	46.500	48.850	0.000	49.240	49.560	-1.608

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.640	49.620	91.621%	50.560	50.760	50.740	48.920	0.052	96.788%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		47.970	49.000	48.950	100.658%

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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		95.675%	-0.016	1.319	0.293	0.338	0.064	1.208	-0.102	95.546%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.083	-0.141	0.071	-9190.000	0.018	0.846	0.009	-0.005	0.009

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.363	-0.219	-0.016	-0.362	0.006	0.000	0.076	0.002	0.072

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.019	96.874%	0.111	-0.005	-0.005	0.012	0.000	97.881%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.320	0.327	0.023	100.013%

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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		99.393%	0.069	46.520	T 1892.000	1859.000	T 7433.000	74.200	827.000	101.203%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		738.000	43.280	35.040	-25980.000	317.400	TM 11230.000	11.160	13.390	16.900

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.630	-0.255	0.067	-0.063	4.702	0.000	0.039	0.015	-0.020

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.006	0.056	102.781%	0.402	-0.001	-0.005	15.350	1.282	104.536%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.109	0.118	0.407	109.773%

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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		102.248%	-0.011	2.130	0.077	0.098	0.523	2.614	14.240	101.443%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.109	0.633	0.732	-10740.000	0.016	2.706	0.000	0.013	-0.002

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.074	-0.376	0.179	0.079	0.054	0.000	0.024	0.001	0.037

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.010	103.650%	2.732	-0.019	-0.004	0.173	0.001	103.830%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.092	0.097	0.009	107.867%

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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		93.505%	5.107	T 1042.000	T 1027.000	1043.000	T 1071.000	T 1014.000	1141.000	94.111%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		199.200	52.620	52.350	5947.000	104.800	T 1078.000	52.600	53.630	52.680
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.800	10.170	0.057	9.566	104.600	0.000	49.830	10.710	-0.540
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.650	10.590	96.953%	53.710	10.040	10.260	105.400	0.129	99.177%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		10.280	10.460	103.300	102.699%					

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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		95.871%	1.180	74.940	T 2184.000	2033.000	TM 54780.000	T 860.200	2062.000	114.693%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7106.000	T 427.900	108.000	-46630.000	TM 1969.000	TM 124800.000	55.030	38.500	177.900
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		125.000	3.125	0.102	1.320	18.590	0.000	1.240	0.162	-1.285
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.093	0.991	98.934%	5.441	0.391	0.409	158.900	13.440	102.473%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.258	0.250	34.070	104.598%					

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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		94.939%	0.688	61.390	T 989.100	967.700	TM 13000.000	T 986.000	1640.000	99.346%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		193.300	31.680	21.560	-27690.000	TM 1507.000	TM 16650.000	14.890	10.750	21.170

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.400	6.320	0.193	0.472	8.794	0.000	0.955	0.055	-0.026

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.049	0.297	100.659%	3.232	0.282	0.298	159.000	4.632	102.224%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.270	0.299	40.280	104.358%

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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		92.174%	5.691	T 1123.000	T 2433.000	2352.000	TM 21930.000	T 2797.000	2802.000	96.383%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		473.600	94.530	83.090	-22590.000	TM 1654.000	TM 21670.000	67.280	65.460	73.800

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		149.000	18.340	0.215	9.695	115.800	0.000	49.330	10.450	-0.601

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.620	10.950	98.056%	53.140	5.235	5.560	279.800	5.142	101.006%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		10.460	10.660	146.700	104.177%

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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		92.995%	5.753	T 1102.000	T 2438.000	2340.000	TM 22140.000	T 2837.000	2831.000	96.246%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		480.800	90.840	80.980	-19590.000	TM 1730.000	TM 19680.000	66.620	64.760	71.960

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		143.600	15.630	0.290	10.090	113.500	0.000	48.200	10.130	-0.653

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.230	10.480	98.616%	51.750	5.128	5.476	288.500	5.130	101.761%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		10.220	10.470	142.700	105.730%

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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		87.446%	10.190	T 5266.000	T 6112.000	T 6025.000	TM 13180.000	T 5900.000	6488.000	94.515%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		202.600	49.650	39.790	-15140.000	TM 1522.000	TM 18000.000	44.160	50.710	50.120

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.800	82.300	0.155	63.830	28.730	0.000	31.140	41.940	-6.653

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.350	24.290	95.048%	106.300	80.120	83.630	170.100	4.505	97.872%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.100	101.500	117.300	99.003%

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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		97.713%	0.099	11.820	165.500	176.400	T 2345.000	174.100	305.900	100.299%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		35.360	5.867	4.108	-24030.000	269.500	T 3050.000	2.746	1.980	4.090

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.926	1.342	0.026	-0.222	1.610	0.000	0.225	0.012	0.062

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	0.052	104.571%	0.645	0.072	0.086	29.260	0.851	105.009%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.249	0.262	7.334	111.094%

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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		95.276%	0.641	49.220	T 949.300	923.700	TM 12840.000	T 847.000	1586.000	99.422%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		185.100	32.280	24.270	-25170.000	TM 1463.000	TM 17090.000	16.730	9.692	16.690

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.540	6.273	0.193	0.211	8.997	0.000	0.940	0.053	-0.041

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.051	0.278	101.975%	3.162	0.284	0.285	152.100	4.459	104.040%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.334	0.342	43.930	106.510%

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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		86.173%	4.794	τ 10090.000	τ 10120.000	τ 10050.000	τ 5143.000	τ 9807.000	9836.000	88.246%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	49.060	48.290	-35800.000	49.800	τ 5192.000	49.370	49.230	49.160

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.570	49.640	-0.190	48.900	49.370	0.000	49.200	49.710	-1.668

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.330	50.210	91.959%	50.100	50.300	50.750	48.780	0.043	95.542%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		48.330	48.870	48.810	98.547%

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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		96.632%	-0.016	3.889	3.430	3.629	6.123	3.947	3.244	96.166%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.429	0.491	-0.125	-7591.000	0.424	7.322	0.029	0.036	0.035

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.187	-0.183	-0.008	-0.480	0.039	0.000	0.067	0.020	0.008

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.018	0.022	101.034%	0.114	0.005	-0.015	0.087	0.001	101.250%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.215	0.219	0.059	106.704%

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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		93.905%	0.778	47.460	T 1072.000	1043.000	TM 14080.000	T 1292.000	1506.000	99.703%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		161.600	31.920	18.250	-20650.000	T 953.500	TM 17370.000	10.510	9.657	12.780
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		35.320	6.252	0.165	0.742	7.049	0.000	0.932	0.067	-0.016
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.060	0.255	99.878%	2.954	0.205	0.198	109.900	4.727	101.047%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.321	0.313	39.090	103.125%					

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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		97.403%	0.697	43.000	T 1395.000	1351.000	TM 11950.000	T 988.500	1512.000	100.090%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		180.000	32.170	20.390	-23780.000	TM 2258.000	TM 15840.000	17.440	9.522	31.510
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		57.610	6.405	0.197	0.725	11.900	0.000	1.014	0.040	0.029
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.041	0.308	102.805%	3.366	0.404	0.368	174.300	4.622	104.664%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.270	0.302	47.610	109.605%					

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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		101.646%	0.396	38.550	T 787.300	766.900	TM 10100.000	T 525.300	577.000	104.066%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		221.400	33.640	26.280	-30610.000	T 443.600	TM 18770.000	5.074	21.710	113.100
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		36.140	8.182	0.175	0.219	4.530	0.000	1.123	0.079	-0.148
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.071	0.215	106.368%	13.280	9.978	9.838	55.750	2.320	106.456%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.214	0.234	T 1332.000	113.955%					

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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		95.448%	0.799	45.300	T 1193.000	1160.000	TM 11640.000	T 976.600	1935.000	100.178%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		163.700	35.930	17.640	-25150.000	TM 2126.000	TM 18210.000	11.910	10.400	13.070
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.990	7.921	0.212	0.908	9.730	0.000	0.913	0.068	-0.025
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.073	0.415	101.415%	3.436	0.252	0.254	290.000	4.710	102.352%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.222	0.237	61.560	105.845%					

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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		99.230%	1.007	35.640	T 1032.000	1005.000	TM 11580.000	T 1075.000	1617.000	99.944%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		144.200	30.010	17.990	-25920.000	TM 1958.000	TM 18280.000	11.540	9.870	11.530
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.980	7.521	0.197	0.587	6.438	0.000	0.972	0.072	-0.008
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.082	0.519	103.242%	3.209	0.265	0.266	163.300	5.148	104.720%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.215	0.221	51.680	110.006%					

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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		94.176%	1.100	43.020	T 1170.000	1126.000	TM 12510.000	T 1179.000	1754.000	99.613%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		156.600	31.920	18.170	-24990.000	TM 2030.000	TM 19290.000	11.590	10.380	12.430
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.090	7.996	0.203	0.430	7.210	0.000	1.068	0.079	-0.074
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.082	0.490	99.984%	3.310	0.281	0.275	173.100	5.533	101.600%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.229	0.239	56.100	103.130%					

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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		97.790%	0.800	37.840	T 1280.000	1232.000	TM 13230.000	T 1371.000	1521.000	99.482%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		217.700	31.300	18.460	-24970.000	TM 1409.000	TM 17550.000	11.620	10.150	12.330

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		44.230	6.290	0.185	0.286	6.846	0.000	0.814	0.062	-0.022

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.052	0.416	102.165%	2.746	0.288	0.279	158.500	4.822	104.817%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.216	0.218	40.630	109.719%

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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		97.118%	0.900	38.970	T 895.100	871.100	TM 10820.000	T 1109.000	1208.000	100.195%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		122.500	23.920	15.380	-25200.000	T 967.900	TM 18110.000	9.741	7.815	12.870

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		42.810	8.155	0.159	0.914	4.828	0.000	0.943	0.060	-0.056

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.055	0.335	102.400%	2.826	0.313	0.344	91.200	4.898	104.434%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.215	0.207	69.150	108.075%

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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		94.062%	1.437	37.100	T 1422.000	1376.000	TM 15420.000	T 1534.000	3934.000	99.421%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		155.000	29.400	17.140	-18850.000	TM 1581.000	TM 21330.000	13.000	13.770	15.280
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.040	9.010	0.252	1.008	12.270	0.000	1.168	0.068	-0.064
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.057	0.269	100.393%	3.099	0.350	0.337	171.600	7.924	102.507%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.243	0.273	47.170	104.655%					

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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		99.725%	0.862	48.350	T 1217.000	1180.000	TM 12770.000	T 594.500	1057.000	101.022%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		149.900	46.410	21.340	-29960.000	TM 1519.000	TM 23950.000	7.887	7.266	9.002
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		38.610	11.220	0.196	0.918	7.695	0.000	1.750	0.045	-0.021
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.039	0.189	104.279%	2.659	0.407	0.430	160.800	4.477	105.712%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.235	0.230	47.720	111.100%					

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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		84.335%	4.912	τ 10420.000	τ 10490.000	τ 10370.000	τ 5276.000	τ 10030.000	9867.000	88.350%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.460	49.580	48.670	-36300.000	49.820	τ 5269.000	49.820	50.760	49.580

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.990	49.450	-0.145	48.110	49.500	0.000	49.410	50.090	-1.476

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.980	50.150	90.864%	50.250	50.310	50.010	49.050	0.045	93.814%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		48.470	49.080	48.530	95.386%

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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		95.869%	-0.016	1.524	1.575	1.680	2.536	1.220	1.498	96.225%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.269	0.436	-0.170	-7929.000	0.144	3.133	0.017	0.040	0.016

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.359	-0.666	0.022	-0.643	0.012	0.000	0.053	0.007	0.109

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.006	-0.019	100.362%	0.078	-0.015	-0.016	0.012	-0.000	101.291%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.193	0.196	0.031	105.744%

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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		96.748%	-0.018	60.690	1.173	1.278	10.250	8.071	89.750	98.932%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.131	0.748	-0.618	-33070.000	0.053	1.686	0.005	0.116	0.159
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.821	-0.117	-0.384	-1.142	0.452	0.000	0.011	0.010	0.063
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.020	103.457%	0.143	-0.018	-0.026	0.546	0.001	103.879%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		0.097	0.084	0.065	106.353%					

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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		85.852%	22.160	T 5174.000	T 5053.000	4891.000	T 5040.000	T 4863.000	5246.000	92.674%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		926.700	241.400	239.200	-31050.000	T 493.200	T 5116.000	243.200	247.300	244.700
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		458.200	46.090	-0.437	41.930	M 477.700	0.000	236.200	49.320	-3.282
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.400	48.420	96.100%	242.200	46.970	47.520	488.400	0.517	99.407%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		49.900	50.570	485.700	100.823%					

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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		99.475%	-0.019	T 4309.000	TM 25320.000	TM 25320.000	5.736	T 4224.000	TM 40790.000	97.380%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.073	0.860	0.149	-35870.000	84.340	16.580	0.141	0.880	1.751

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.298	0.156	0.057	-0.997	41.850	0.000	0.996	0.010	0.121

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.007	-0.024	100.078%	0.447	0.094	0.103	78.880	0.075	102.505%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.222	0.229	0.347	103.910%

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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		91.871%	22.860	T 9696.000	TM 31190.000	TM 31000.000	T 5243.000	T 9209.000	TM 46490.000	94.589%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		937.100	244.500	239.400	-39950.000	T 588.700	T 5270.000	243.100	247.700	243.200

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		441.700	45.380	-0.093	40.220	TM 553.200	0.000	240.100	48.980	-2.870

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.970	47.010	95.616%	241.700	46.050	47.170	570.900	0.623	98.907%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		50.200	50.830	489.500	97.289%

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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		90.661%	21.870	T 9473.000	TM 30810.000	TM 30590.000	T 5137.000	T 9168.000	TM 46210.000	96.097%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		924.300	241.500	235.600	-65430.000	T 585.300	T 5211.000	240.000	241.300	238.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		452.100	45.780	-0.656	40.060	TM 547.000	0.000	235.700	48.010	-3.003

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.980	48.000	100.851%	240.500	46.630	47.300	564.300	0.557	104.409%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.850	50.870	486.700	103.968%

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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		96.021%	9.245	T 9500.000	TM 30430.000	TM 30310.000	T 1068.000	T 9202.000	TM 45690.000	97.151%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.280	20.800	19.720	-39240.000	161.200	T 2189.000	29.970	40.360	30.450

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		75.590	70.570	0.055	55.610	61.730	0.000	31.560	40.620	-6.192

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.210	22.870	99.081%	104.700	73.690	77.620	98.440	0.100	102.106%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.600	103.000	79.970	103.239%

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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		93.701%	-0.020	τ856.800	τ5118.000	τ5019.000	1.080	τ828.400	7699.000	96.291%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.176	0.393	-0.222	-14330.000	16.980	2.409	0.024	0.181	0.327

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.391	-0.168	0.064	-0.816	8.190	0.000	0.245	0.001	0.089

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.022	100.128%	0.160	0.142	0.156	15.430	0.022	101.431%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.119	0.132	0.068	105.743%

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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		100.484%	-0.017	τ6204.000	τ5635.000	τ5625.000	10.480	491.000	13420.000	99.641%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.343	31.210	1.867	5563.000	1.179	27.200	0.018	1.106	2.631

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.700	-0.160	0.179	-1.181	47.500	0.000	0.286	0.010	0.160

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.027	102.320%	1.005	0.158	0.181	2.323	0.006	104.495%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.089	0.089	0.460	110.164%

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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		94.782%	-0.015	T 6377.000	T 5848.000	T 5860.000	8.429	487.400	13580.000	99.839%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.020	31.900	1.632	3972.000	0.959	11.170	0.004	0.531	1.875

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		20.240	-0.108	0.135	-1.012	47.660	0.000	0.291	0.009	0.144

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	-0.012	99.571%	0.980	0.102	0.120	1.813	0.003	101.051%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.074	0.066	0.361	102.806%

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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		87.254%	-0.013	TM 168000.000	T 1219.000	1144.000	5.680	T 771.500	4858.000	93.186%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.037	0.379	0.568	-20270.000	3.048	22.860	0.028	0.904	1.047

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.600	-0.078	0.072	-1.189	41.030	0.000	0.565	0.010	0.073

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.012	-0.017	95.530%	0.524	0.045	0.029	4.033	0.009	99.958%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.035	0.039	0.814	99.115%

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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		88.865%	4.838	τ 10220.000	τ 10140.000	τ 10050.000	τ 5167.000	τ 9902.000	9929.000	90.886%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.450	48.540	47.980	-17350.000	49.230	τ 5196.000	48.990	49.350	49.070
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.410	48.490	0.005	46.590	49.390	0.000	49.730	49.210	-1.532
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.480	49.460	96.018%	50.410	50.230	50.590	48.930	0.059	99.007%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		47.350	48.600	48.590	103.872%					

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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		89.348%	-0.016	2.156	0.045	0.051	-0.345	-0.545	0.450	92.539%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.016	0.649	-0.182	8485.000	0.011	-3.984	0.000	-0.001	0.005
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.127	0.141	-0.032	-0.531	-0.009	0.000	0.046	0.001	0.053
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.011	95.522%	0.082	-0.011	-0.009	-0.019	-0.001	96.799%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		0.227	0.206	0.002	101.653%					

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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		96.321%	-0.020	T 13650.000	T 8730.000	T 8721.000	5.548	285.200	TM 32850.000	97.578%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.199	0.685	0.875	14720.000	42.820	60.940	0.008	1.052	1.441

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.160	-0.723	0.452	-1.140	26.710	0.000	0.676	0.008	0.082

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.011	-0.021	100.424%	0.520	0.053	0.054	0.806	0.002	103.126%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.097	0.106	0.507	108.240%

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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		92.190%	-0.016	TM 135700.000	T 13110.000	T 13020.000	6.115	T 728.700	TM 257900.000	95.135%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.324	1.534	0.540	-38000.000	39.240	94.660	-0.174	1.097	1.416

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.684	-0.895	1.227	-1.196	115.000	0.000	0.332	0.008	0.103

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.011	-0.025	93.121%	0.670	0.066	0.086	0.788	0.006	98.098%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.078	0.082	0.402	94.243%

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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		96.716%	-0.013	T 8994.000	T 6949.000	T 6847.000	65.140	469.300	17810.000	100.215%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.436	4.614	0.894	1555.000	85.180	T 187.800	0.277	1.810	9.689

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		45.340	0.501	0.224	-0.453	73.750	0.000	1.161	0.011	0.124

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.005	-0.018	103.055%	0.437	0.172	0.177	19.980	0.036	105.322%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.037	0.039	0.499	110.210%

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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		93.092%	-0.018	TH 111000.000	T 1894.000	1759.000	4.621	T 866.200	8086.000	95.336%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.005	0.134	0.804	-2894.000	16.220	28.730	0.018	1.053	4.027

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.450	0.249	0.306	-0.932	63.310	0.000	0.668	0.005	0.091

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.002	-0.021	99.601%	0.431	0.034	0.053	14.660	0.015	104.659%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.024	0.032	0.408	106.825%

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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		90.975%	-0.017	6.720	0.403	0.434	1.648	1.621	9.776	96.844%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.050	-0.510	0.242	25690.000	0.017	-1.923	0.002	0.049	0.002
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.211	0.030	0.208	-0.542	0.076	0.000	0.007	0.002	0.103
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.001	-0.030	101.338%	2.705	-0.004	-0.011	0.309	0.001	102.813%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.011	0.011	0.010	107.458%					

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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		91.847%	4.985	τ 1012.000	τ 1001.000	996.000	τ 1027.000	τ 987.700	1112.000	93.864%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		193.800	50.310	50.480	30190.000	103.000	τ 1063.000	51.010	51.900	51.390
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.000	9.941	0.122	9.585	102.000	0.000	47.840	10.280	-0.423
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.280	10.220	101.015%	53.160	9.845	10.100	102.700	0.134	103.739%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		9.764	9.988	99.910	111.017%					

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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		95.857%	0.721	44.780	T 3480.000	3311.000	TM 17520.000	T 2748.000	4368.000	101.366%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		224.400	33.990	60.830	-53.890	T 654.900	TM 22170.000	8.112	23.260	598.700

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		237.300	7.864	0.194	0.956	TM 863.200	0.000	0.972	0.172	-0.118

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.195	2.187	104.601%	8.623	33.020	32.820	TM 4186.000	9.210	107.320%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.326	0.349	T 1087.000	112.540%

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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		91.969%	5.447	T 1088.000	T 5299.000	T 5124.000	TM 26760.000	T 4686.000	5404.000	98.209%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		485.200	96.790	114.000	-2407.000	T 840.200	TM 25680.000	56.830	74.450	651.400

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		344.000	17.340	0.204	9.128	TM 987.300	0.000	46.040	10.030	-0.844

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.030	11.980	101.156%	56.280	38.140	38.240	TM 4433.000	9.404	104.547%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		9.920	10.070	T 1411.000	109.084%

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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		96.359%	5.437	T 1044.000	T 5129.000	T 5001.000	TM 26630.000	T 4654.000	5501.000	97.850%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		480.000	95.560	112.400	-3125.000	T 753.500	TM 25700.000	55.440	72.770	656.800
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		342.900	17.490	0.203	9.415	TM 996.800	0.000	44.990	9.853	-0.839
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.965	11.870	103.385%	56.350	36.990	37.080	TM 4226.000	9.435	107.033%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		9.633	9.994	T 1232.000	113.193%					

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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		88.073%	9.976	T 5273.000	T 8440.000	T 8324.000	TM 17420.000	T 7577.000	9015.000	94.015%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		228.800	50.620	76.000	-3330.000	T 699.400	TM 22970.000	36.990	61.870	581.800
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		299.100	83.960	0.060	64.450	TM 828.300	0.000	31.070	41.310	-6.775
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.030	25.920	97.303%	111.400	111.900	114.900	TM 3818.000	8.654	101.761%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		99.600	100.100	T 1104.000	104.799%					

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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		88.566%	4.853	↹9943.000	↹9862.000	↹9737.000	↹5051.000	↹9753.000	9878.000	88.143%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.800	49.040	47.130	-32820.000	48.820	↹5167.000	48.790	48.810	48.170
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.570	49.290	-0.216	48.320	49.470	0.000	49.410	49.190	-1.558
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.120	49.910	94.403%	50.420	50.700	50.930	49.090	0.052	99.181%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		47.480	48.740	48.720	104.217%					

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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		92.867%	-0.016	5.584	1.684	1.833	0.508	1.421	2.254	94.074%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.058	0.294	-0.370	-108.100	0.004	-2.729	0.009	0.008	0.007
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.116	-0.089	-0.033	-0.614	0.014	0.000	0.069	0.008	0.139
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	-0.034	99.674%	0.107	-0.006	0.000	0.049	-0.001	100.985%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.270	0.278	0.013	106.970%					

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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		97.561%	0.101	9.162	τ589.100	614.400	τ3176.000	478.800	816.000	99.545%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.000	5.772	11.060	2276.000	118.600	τ4000.000	1.510	4.273	112.600

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.390	1.244	0.006	-0.262	153.400	0.000	0.178	0.032	0.033

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.033	0.418	104.194%	1.651	6.016	6.153	730.600	1.686	106.040%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.145	0.148	199.100	112.333%

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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		101.510%	0.003	8.038	41.960	44.490	τ1910.000	32.860	39.120	100.606%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		56.370	4.712	2.579	-1916.000	5.894	τ1569.000	0.093	0.677	1.040

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.933	0.312	0.058	0.070	0.736	0.000	0.126	0.004	0.059

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.007	105.801%	2.259	0.009	-0.000	4.044	0.550	107.318%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.078	0.078	4.305	113.849%

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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		95.927%	0.008	8.032	41.220	43.960	τ2026.000	32.060	36.880	98.439%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		72.660	3.786	2.387	4.978	5.134	τ1176.000	0.084	0.775	0.651
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.468	0.223	0.029	-0.200	0.374	0.000	0.077	0.003	0.112
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.002	-0.009	102.287%	2.160	-0.011	-0.007	3.701	0.662	103.282%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.074	0.065	1.753	107.409%					

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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		99.131%	0.016	10.320	77.620	81.560	τ4876.000	63.100	39.130	99.166%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		99.220	9.223	5.258	-4518.000	5.436	τ3082.000	0.185	1.171	1.189
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.980	0.651	0.020	-0.107	0.593	0.000	0.157	0.006	0.017
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	0.022	104.025%	2.196	0.015	0.007	4.147	0.666	105.682%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.061	0.064	4.550	110.951%					

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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		98.716%	0.029	9.529	68.810	71.860	T 4037.000	50.550	181.700	98.728%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		88.270	7.786	5.001	-1818.000	7.710	T 3274.000	0.220	1.190	2.464
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.399	0.711	0.048	-0.189	1.379	0.000	0.559	0.021	0.088
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.026	0.003	103.730%	2.170	0.013	0.010	5.471	0.638	105.134%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.065	0.058	5.522	109.872%					

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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		98.225%	0.099	18.610	82.730	86.140	TM 13880.000	64.720	136.900	103.199%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		94.850	32.610	19.550	-17720.000	7.275	TM 25150.000	0.334	2.075	5.245
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		6.579	3.945	0.136	0.183	1.238	0.000	0.898	0.014	0.007
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.006	0.016	104.849%	2.753	0.043	0.054	5.264	0.771	106.107%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.043	0.047	5.754	109.779%					

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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		100.584%	0.084	9.964	75.430	78.220	T 8278.000	73.190	61.200	101.174%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		73.790	21.080	14.030	-12100.000	4.695	T 9095.000	0.261	1.142	3.215
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.919	2.049	0.113	-0.199	1.381	0.000	0.509	0.008	0.003
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.002	0.033	105.342%	2.508	0.028	0.000	5.292	1.407	107.296%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.043	0.044	3.674	113.894%					

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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		94.811%	0.127	16.220	89.750	95.860	TM 9959.000	88.520	37.070	100.516%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		72.460	21.340	12.590	-11210.000	4.429	T 8313.000	0.408	1.688	3.106
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.607	1.696	0.092	-0.040	1.021	0.000	0.394	0.011	0.009
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	0.012	102.693%	2.408	0.014	0.006	5.626	2.182	103.986%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.045	0.057	3.600	107.339%					

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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		96.689%	0.027	10.590	46.660	48.700	τ3684.000	64.610	43.290	98.771%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		55.550	9.234	5.540	-12350.000	1.645	τ5518.000	0.153	0.767	1.790
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.668	0.926	-0.034	-0.149	0.845	0.000	0.173	0.006	0.068
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.002	-0.019	102.843%	2.365	-0.008	-0.003	3.764	1.058	105.186%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		0.028	0.026	1.749	110.304%					

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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		98.675%	0.065	10.510	106.500	112.100	τ4115.000	70.590	70.210	98.209%
Run	**Time**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**	**59Co**	**60Ni**	**65Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		78.710	7.410	4.226	-7668.000	7.934	τ2580.000	0.309	1.564	1.267
Run	**Time**	**66Zn**	**75As**	**77Ar Cl**	**82Se**	**88Sr**	**89Y**	**95Mo**	**107Ag**	**108Mo O**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		7.027	0.401	0.042	-0.387	0.749	0.000	0.151	0.030	0.096
Run	**Time**	**109Ag**	**110Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**153Ba O**	**159Tb**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.023	-0.002	103.892%	2.296	0.017	0.004	6.257	0.932	106.237%
Run	**Time**	**203Tl**	**205Tl**	**208Pb**	**209Bi**					
		ppb	ppb	ppb	ppb					
x		0.045	0.035	4.587	111.993%					

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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		83.340%	4.794	τ 10410.000	τ 10310.000	τ 10190.000	τ 5126.000	τ 10010.000	9913.000	88.454%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.810	48.640	47.510	-22830.000	49.660	τ 5223.000	49.110	49.420	48.540

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.880	50.600	-0.211	48.210	49.550	0.000	49.330	49.070	-1.740

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.570	49.700	93.293%	50.350	50.500	50.710	49.610	0.060	96.471%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		48.560	48.960	48.910	99.480%

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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		95.383%	-0.017	7.338	4.259	4.335	2.373	3.830	4.037	94.046%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.061	0.026	-0.469	4998.000	0.050	-0.390	0.020	0.031	0.024

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.211	-0.069	-0.063	-0.820	0.030	0.000	0.043	0.022	0.108

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.018	0.002	101.697%	0.086	0.005	0.012	0.185	-0.000	103.091%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.210	0.205	0.052	110.013%

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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		96.783%	0.016	10.220	47.040	48.920	τ 2954.000	35.960	40.790	98.884%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		79.670	7.866	4.382	5318.000	7.131	τ 2111.000	0.132	0.842	0.963
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.802	0.429	0.092	0.077	0.466	0.000	0.107	0.004	0.081
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.017	103.543%	2.339	0.009	0.013	3.760	1.140	103.944%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.111	0.100	3.766	109.624%					

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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		96.493%	0.009	9.686	49.340	52.410	τ 3046.000	36.540	54.890	98.221%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		85.840	7.127	3.496	560.400	8.729	τ 1946.000	0.120	0.953	1.044
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		4.429	0.314	0.071	-0.055	0.584	0.000	0.164	0.002	0.052
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	0.008	103.391%	2.180	0.013	0.011	4.012	1.027	104.479%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.053	0.050	4.227	109.080%					

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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		93.035%	-0.017	65.200	1.177	1.117	5.851	5.409	149.300	98.895%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.165	0.398	-0.353	-30220.000	0.065	5.265	0.004	0.212	0.083
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.604	-0.284	-0.422	-1.603	0.759	0.000	0.001	0.006	0.119
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.007	-0.027	104.337%	0.024	-0.033	-0.019	0.683	0.001	104.238%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.023	0.023	0.108	105.849%					

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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		90.094%	23.070	T 5126.000	T 5022.000	4784.000	T 5142.000	T 4950.000	5421.000	92.195%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		938.400	242.100	241.600	-3258.000	T 502.500	T 5239.000	245.200	250.500	245.700
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		466.600	46.000	-0.051	41.060	TH 499.000	0.000	238.600	49.980	-3.027
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.730	48.740	98.393%	246.500	47.550	48.480	498.300	0.497	102.302%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		49.240	49.930	484.800	107.361%					

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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		87.795%	-0.018	TM 38470.000	TM 20770.000	TM 20680.000	11.710	T 6546.000	TM 72120.000	94.999%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.105	0.742	-0.952	-65990.000	30.180	T 2396.000	0.003	0.879	0.909

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.630	46.150	-0.519	-1.142	TM 920.400	0.000	1.012	0.005	0.128

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.001	100.383%	0.135	0.004	0.014	1.503	0.003	103.990%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.189	0.186	0.149	102.408%

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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		85.929%	21.830	TM 43440.000	TM 25500.000	TM 25400.000	T 5182.000	T 11490.000	TM 77640.000	91.228%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		929.400	241.400	236.800	-46200.000	T 538.500	T 7584.000	236.700	237.900	232.200

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		450.200	89.030	-0.059	39.100	TM 1431.000	0.000	237.600	47.910	-3.311

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.810	48.110	95.331%	244.500	46.710	47.240	495.700	0.449	99.538%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		50.120	50.810	488.700	99.845%

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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		89.681%	21.840	TM 41240.000	TM 24480.000	TM 24280.000	T 5113.000	T 11200.000	TM 76570.000	90.686%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		927.600	240.300	234.200	-43260.000	T 535.700	T 7534.000	236.200	237.400	230.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		439.800	88.330	0.026	37.910	TM 1424.000	0.000	238.000	47.480	-2.691

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.230	47.890	96.720%	243.900	47.130	48.180	495.500	0.460	101.976%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.510	50.330	486.900	104.067%

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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		84.521%	9.040	TM 43420.000	TM 25900.000	TM 25740.000	T 1081.000	T 11650.000	TM 76560.000	93.958%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.720	20.670	18.850	-68010.000	109.400	T 4565.000	29.700	40.740	29.890

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		83.970	119.500	-0.617	60.000	TM 925.500	0.000	32.170	40.500	-6.414

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.360	23.180	97.871%	105.900	75.220	77.980	22.130	0.041	100.888%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		105.500	106.700	82.540	100.211%

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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		92.738%	-0.019	τ7210.000	τ3915.000	3741.000	1.959	τ1242.000	13210.000	93.806%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.259	0.564	-0.732	-28630.000	6.077	τ470.400	-0.002	0.156	0.187

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.289	9.820	-0.130	-0.511	170.800	0.000	0.222	0.001	0.147

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	-0.035	101.336%	0.130	0.287	0.266	0.375	0.002	104.558%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.088	0.091	0.039	111.284%

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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		96.685%	-0.019	190.300	13.700	13.980	7.293	8.002	196.300	95.190%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.195	-0.266	-0.017	-8326.000	0.677	16.550	0.013	0.855	1.056

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.278	-0.316	-0.141	-1.536	0.766	0.000	0.167	0.005	0.101

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.003	-0.023	102.176%	0.260	0.101	0.118	0.689	0.002	104.765%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.072	0.079	0.182	109.763%

CCV 09/29/2006 02:51:49 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		85.764%	4.807	↹10170.000	↹10110.000	↹9945.000	↹5052.000	↹9835.000	9900.000	88.535%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.510	48.600	47.330	-24360.000	48.700	↹5144.000	48.110	48.280	48.340
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.170	48.970	-0.120	47.070	49.290	0.000	49.010	48.810	-1.572
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.170	49.210	93.768%	50.130	50.950	50.600	49.090	0.075	97.773%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		47.700	48.630	48.890	101.780%					

CCB 09/29/2006 02:57:55 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		92.850%	-0.019	8.499	4.456	4.564	2.637	2.543	5.652	90.369%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.134	0.264	-0.631	-6726.000	0.038	-3.521	0.022	0.018	0.029
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.221	0.248	-0.117	-0.624	0.043	0.000	0.078	0.025	0.138
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.020	-0.020	98.368%	0.106	0.043	0.034	0.143	-0.000	100.879%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.212	0.222	0.052	109.054%					

ICSA 09/29/2006 03:04:01 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		75.074%	-0.016	TM 261800.000	TM 100300.000	TM 99440.000	TM 101600.000	TM 101600.000	TM 324700.000	77.546%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2067.000	0.010	0.353	-54570.000	0.018	TM 254200.000	0.063	0.049	0.634

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.732	0.492	0.368	-0.080	4.173	0.000	M 1944.000	0.102	1.656

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.089	-0.116	83.043%	0.247	0.223	0.221	0.534	0.041	88.841%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.171	0.183	0.137	85.822%

ICSAB 09/29/2006 03:16:12 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		77.281%	16.640	TM 254500.000	TM 97450.000	TM 96680.000	TM 99490.000	TM 99650.000	TM 322400.000	77.466%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2036.000	18.720	18.670	-58270.000	18.600	TM 250000.000	18.100	17.430	16.920

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		18.110	18.150	0.208	16.720	23.970	0.000	M 1933.000	17.180	1.160

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.200	17.060	84.436%	20.160	18.870	18.800	19.940	0.051	91.729%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		19.760	20.270	20.140	90.047%

CCV 09/29/2006 03:22:22 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		85.985%	4.940	τ9971.000	τ9885.000	τ9779.000	τ5060.000	τ9691.000	9932.000	85.552%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.680	49.010	47.180	-43690.000	49.170	τ5111.000	48.710	49.190	48.920
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.430	49.730	-0.268	48.630	48.950	0.000	50.280	49.410	-1.527
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.410	50.080	91.955%	50.720	51.110	50.590	49.300	0.043	99.129%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		48.380	48.750	48.880	103.834%					

CCB 09/29/2006 03:28:31 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		91.977%	-0.012	15.240	5.019	5.479	2.904	4.498	6.545	88.932%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.128	0.697	-0.712	-26780.000	0.034	-3.532	0.025	0.022	0.034
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.093	-0.531	-0.102	-0.579	0.044	0.000	0.454	0.030	0.199
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.020	-0.032	96.462%	0.095	0.036	0.023	0.134	-0.000	102.253%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.247	0.258	0.058	109.331%					

GPL Laboratories, LLLP MERCURY ANALYSIS LOG *Document Control No: GP_M_171*

Instrument ID:	HYDRA AA	Method:	7471	Start Seq #:	1031	Traceability-Solutions
Corr. Coef.	0.999996	Data File:	H60609023	End Seq #:	1132	Rinse 10% HCL Bath: 12 7-125-01
Test Optics Sample:	1214880	Rack 1:	93918	Folder:	06 SEP	Stannous CL 10%: 129-127-01
Hg Lamp:	4.626V	Rack 2:	93919	Batch Name:		

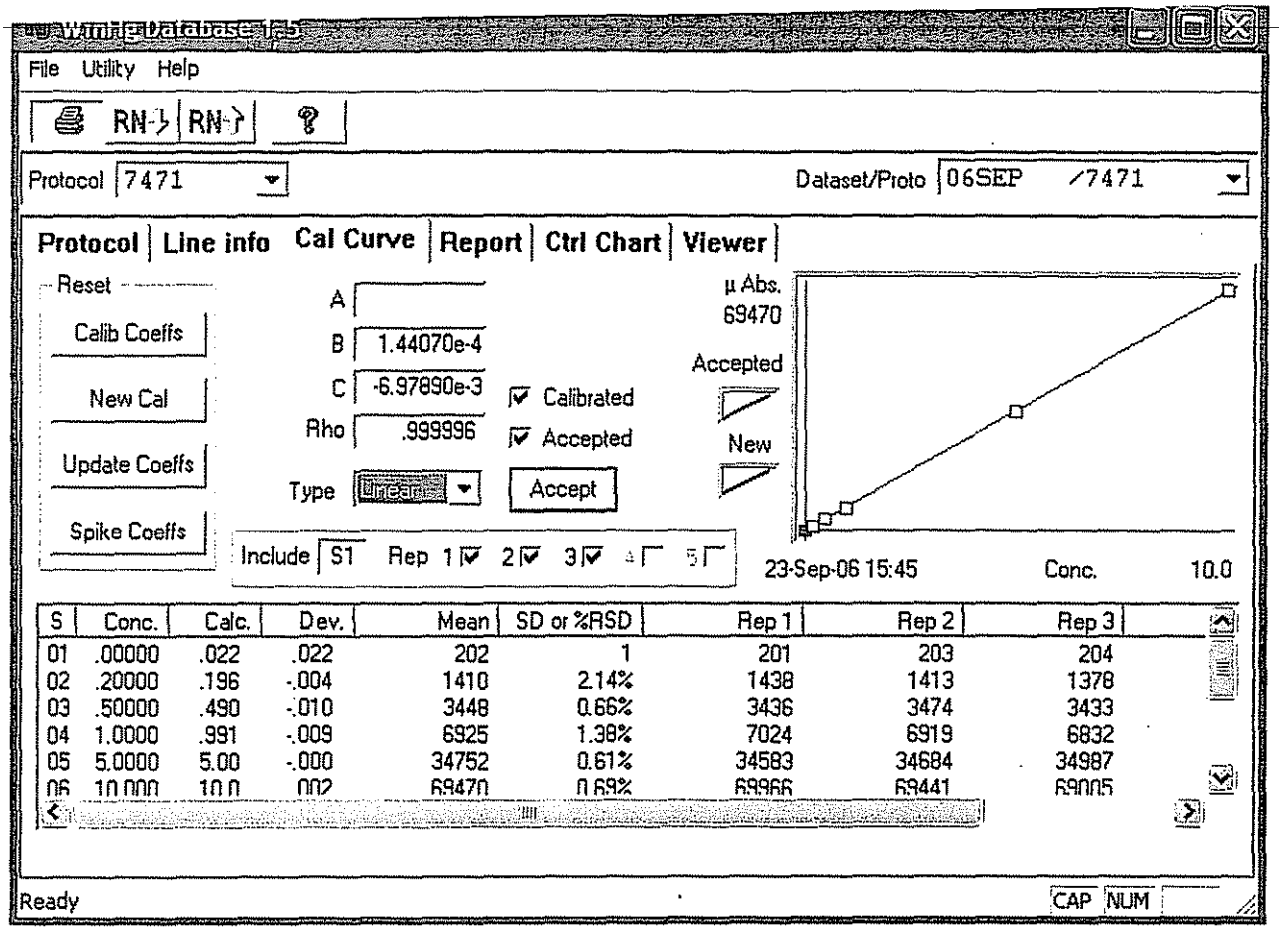
GPL - Maryland Laboratory CVAA Analysis Log

Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time
1	Std01Rep1	1	1/23/2006	15:06	31	S 609092-002-018-1/1	1	1/23/2006	16:28	61	BLK93919	1	1/23/2006	17:55	91	Ck5 CCV7	1	1/23/2006	19:05
2	Std01Rep2	1	1/23/2006	15:08	32	S 609092-003-017-1/1	1	1/23/2006	16:31	62	BKS93919	1	1/23/2006	17:57	92	Ck6 CCB7	1	1/23/2006	19:08
3	Std01Rep3	1	1/23/2006	15:11	33	S 609092-004-018-1/1	1	1/23/2006	16:33	63	S 609049-001-013-1/2	1	1/23/2006	17:59	93	S 609090-002-002-1/1	1	1/23/2006	19:10
4	Std02Rep1	1	1/23/2006	15:14	34	S 609092-005-019-1/1	1	1/23/2006	16:35	64	S 609049-002-015-1/2	1	1/23/2006	18:01	94	PS609090-001-001-1/	1	1/23/2006	19:14
5	Std02Rep2	1	1/23/2006	15:16	35	S 609092-006-020-1/1	1	1/23/2006	16:38	~~65~~	~~S 609049-003-017-1/2~~	~~1~~	~~1/23/2006~~	~~18:04~~	95	SD609090-001-001-1/	2	1/23/2006	19:17
6	Std02Rep3	1	1/23/2006	15:18	36	Ck5 CCV2	1	1/23/2006	16:40	~~66~~	~~S 609049-004-018-1/2~~	~~1~~	~~1/23/2006~~	~~18:06~~	96	PS609090-001-001-1/	1	1/23/2006	19:24
7	Std03Rep1	1	1/23/2006	15:20	37	Ck6 CCB2	1	1/23/2006	16:42	67	Ck5 CCV5	1	1/23/2006	18:11	97	Ck5 CCV	1	1/23/2006	19:27
8	Std03Rep2	1	1/23/2006	15:22	38	S 609092-007-021-1/1	1	1/23/2006	16:44	68	Ck6 CCB5	1	1/23/2006	18:14	98	Ck6 CCB	1	1/23/2006	19:34
9	Std03Rep3	1	1/23/2006	15:25	39	S 609092-008-022-1/1	1	1/23/2006	16:46	69	S 609049-003-017-1/2	10	1/23/2006	18:16	99	CRIP	1	1/23/2006	19:38
10	Std04Rep1	1	1/23/2006	15:27	40	S 609092-009-023-1/1	1	1/23/2006	16:48	70	S 609049-004-019-1/2	1	1/23/2006	18:18	100	Ck5 CCV8	1	1/23/2006	19:41
11	Std04Rep2	1	1/23/2006	15:29	41	S 609092-010-024-1/1	1	1/23/2006	16:51	71	S 609053-001-001-1/2	1	1/23/2006	18:20	101	~~Ck6 CCB~~	~~1~~	~~1/23/2006~~	~~19:44~~
12	Std04Rep3	1	1/23/2006	15:31	42	S 609043-001-001-1/1	1	1/23/2006	16:53	72	S 609053-002-003-1/2	1	1/23/2006	18:23	102	Ck3 CCB8	1	1/23/2006	19:48
13	Std05Rep1	1	1/23/2006	15:33	43	S 609043-002-002-1/1	1	1/23/2006	16:56	73	S 609053-003-005-1/2	1	1/23/2006	18:25					
14	Std05Rep2	1	1/23/2006	15:36	44	S 609043-003-003-1/1	1	1/23/2006	16:59	74	S 609053-004-011-1/1	1	1/23/2006	18:27					
15	Std05Rep3	1	1/23/2006	15:38	~~45~~	~~S 609043-004-013-1/3~~	~~1~~	~~1/23/2006~~	~~17:04~~	75	S 609053-005-012-1/1	1	1/23/2006	18:30					
16	Std06Rep1	1	1/23/2006	15:40	46	SP609043-004-013-1/	1	1/23/2006	17:03	76	S 609053-007-014-1/1	1	1/23/2006	18:32					
17	Std06Rep2	1	1/23/2006	15:42	~~47~~	~~SD609043-004-013-1/~~	~~1~~	~~1/23/2006~~	~~17:06~~	77	S 609053-010-007-1/2	1	1/23/2006	18:34					
18	Std06Rep3	1	1/23/2006	15:44	48	Ck5 CCV3	1	1/23/2006	17:09	78	S 609053-011-009-1/2	1	1/23/2006	18:36					
19	Ck2 ICV	1	1/23/2006	15:47	49	Ck6 CCB3	1	1/23/2006	17:11	79	Ck5 CCV6	1	1/23/2006	18:39					
20	Ck2 ICV	1	1/23/2006	15:54	50	S 609043-009-004-1/1	1	1/23/2006	17:14	80	Ck6 CCB6	1	1/23/2006	18:41					
21	Ck2 ICV	1	1/23/2006	16:06	51	S 609043-010-005-1/1	1	1/23/2006	17:16	81	S 609054-002-008-1/2	1	1/23/2006	18:43					
22	Ck3 ICB	1	1/23/2006	16:09	52	S 609043-011-006-1/1	1	1/23/2006	17:19	82	S 609054-003-010-1/2	1	1/23/2006	18:45					
23	Ck4 CRA	1	1/23/2006	16:11	~~53~~	~~S 609057-001-001-1/1~~	~~1~~	~~1/23/2006~~	~~17:21~~	83	S 609054-004-012-1/2	1	1/23/2006	18:48					
24	Ck5 CCV1	1	1/23/2006	16:13	54	Ck5 CCV4	1	1/23/2006	17:38	84	S 609054-005-014-1/2	1	1/23/2006	18:50					
25	Ck6 CCB1	1	1/23/2006	16:15	55	Ck6 CCB4	1	1/23/2006	17:40	85	S 609054-006-005-1/3	1	1/23/2006	18:52					
26	BLK93918	1	1/23/2006	16:17	56	S 609043-004-013-1/3	10	1/23/2006	17:42	86	SP609054-006-005-1/	1	1/23/2006	18:54					
27	BKS93918	1	1/23/2006	16:19	57	SP609043-004-013-1/	10	1/23/2006	17:45	87	SD609054-006-005-1/	1	1/23/2006	18:56					
28	S 609092-001-012-1/2	1	1/23/2006	16:22	58	SD609043-004-013-1/	10	1/23/2006	17:48	88	S 609090-001-001-1/1	1	1/23/2006	18:58					
29	SP609092-001-012-1/	1	1/23/2006	16:24	59	PS609043-004-013-1/	10	1/23/2006	17:50	89	SP609090-001-001-1/	1	1/23/2006	19:01					
30	SD609092-001-012-1/	1	1/23/2006	16:26	60	S 609057-001-001-1/1	102	1/23/2006	17:52	~~90~~	~~SD609090-001-001-1/~~	~~1~~	~~1/23/2006~~	~~19:03~~					

Analyst Signature: David Huh Date: 9-26-06 Analyst Signature:

Workorders	Dilutions/Reanalyses/Comments	Source Solutions	
609092		Stds	Numbers
609043	-04, 04MS/MSD, DF=10 Sample 04 looks like crude oil.	S0	—
609057	-01 DF=200	S1	38192
609049	3 ~~[illegible]~~ DF=10, reran 04 at seq 70.	S2	
609053		S3	
609054		S4	
609090	01SD DF=2, postspike at 1.0ppb and at 20ppb.	S5	
↓	use 20ppb for recovery%.	CRA	
		ICV	38097
	DH	CCV	38193

Analyst: David Huh Date: 9-26-06 Reviewed: KO Date: 27/Sep/2006



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.022	.022	202	1	201	203	204
02	.20000	.196	-.004	1410	2.14%	1438	1413	1378
03	.50000	.490	-.010	3448	0.66%	3436	3474	3433
04	1.0000	.991	-.009	6925	1.38%	7024	6919	6832
05	5.0000	5.00	-.000	34752	0.61%	34583	34684	34987
06	10.000	10.0	.002	69470	0.69%	69966	69441	69005

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq:	1031	15:06:51 23 Sep 06	HG	
Hg	.000	ppb	201					
*** Standard: 1 Rep: 2				Seq:	1032	15:08:59 23 Sep 06	HG	
Hg	.000	ppb	203					
*** Standard: 1 Rep: 3				Seq:	1033	15:11:30 23 Sep 06	HG	
Hg	.000	ppb	204					
*** Standard: 2 Rep: 1				Seq:	1034	15:14:06 23 Sep 06	HG	
Hg	.200	ppb	1438					
*** Standard: 2 Rep: 2				Seq:	1035	15:16:33 23 Sep 06	HG	
Hg	.200	ppb	1413					
*** Standard: 2 Rep: 3				Seq:	1036	15:18:39 23 Sep 06	HG	
Hg	.200	ppb	1378					
*** Standard: 3 Rep: 1				Seq:	1037	15:20:48 23 Sep 06	HG	
Hg	.500	ppb	3436					
*** Standard: 3 Rep: 2				Seq:	1038	15:22:55 23 Sep 06	HG	
Hg	.500	ppb	3474					
*** Standard: 3 Rep: 3				Seq:	1039	15:25:04 23 Sep 06	HG	
Hg	.500	ppb	3433					
*** Standard: 4 Rep: 1				Seq:	1040	15:27:21 23 Sep 06	HG	
Hg	1.00	ppb	7023					
*** Standard: 4 Rep: 2				Seq:	1041	15:29:28 23 Sep 06	HG	
Hg	1.00	ppb	6919					
*** Standard: 4 Rep: 3				Seq:	1042	15:31:34 23 Sep 06	HG	
Hg	1.00	ppb	6832					
*** Standard: 5 Rep: 1				Seq:	1043	15:33:42 23 Sep 06	HG	
Hg	5.00	ppb	34583					
*** Standard: 5 Rep: 2				Seq:	1044	15:36:14 23 Sep 06	HG	
Hg	5.00	ppb	34684					
*** Standard: 5 Rep: 3				Seq:	1045	15:38:23 23 Sep 06	HG	
Hg	5.00	ppb	34987					

Protocol: 7471

POST-RUN REPORT

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

*** Standard: 6 Rep: 1 Seq: 1046 15:40:31 23 Sep 06 HG

Hg 10.0 ppb 69965

*** Standard: 6 Rep: 2 Seq: 1047 15:42:50 23 Sep 06 HG

Hg 10.0 ppb 69441

*** Standard: 6 Rep: 3 Seq: 1048 15:44:58 23 Sep 06 HG

Hg 10.0 ppb 69005

~~*** Check Standard: 2 Ck2 ICV Seq: 1049 15:47:48 23 Sep 06 HG~~

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	112.	3.36	3.00	ppb	.000

*** Check Standard: 2 Ck2 ICV Seq: 1050 15:54:58 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	111.	3.32	3.00	ppb	.000

3
DMG-23-06

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

*** Check Standard: 2 Ck2 ICV Seq: 1051 16:06:55 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	3.27	3.00	ppb	.000

*** Check Standard: 3 Ck3 ICB Seq: 1052 16:09:00 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	~~-9.06~~	-.005	~~.050~~	ppb	.000

DMG-23-06

*** Check Standard: 4 Ck4 CRA Seq: 1053 16:11:06 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		94.0	.188	.200	ppb	.000

*** Check Standard: 5 Ck5 CCV Seq: 1054 16:13:25 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.3	4.86	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1055 16:15:31 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	~~-7.65~~	.004	~~-.050~~	ppb	.000

DMG-23-06

*** Sample ID: BLK93918 Seq: 1056 16:17:40 23 Sep 06 HG

Hg .020 ppb .000 .020

*** Sample ID: BKS93918 Seq: 1057 16:19:59 23 Sep 06 HG

Hg 2.81 ppb .000 2.81

*** Sample ID: S 609092-0 Seq: 1058 16:22:07 23 Sep 06 HG
01-012-1/2
Hg .202 ppb .000 .202

*** Sample ID: SP609092-0 Seq: 1059 16:24:34 23 Sep 06 HG
01-012-1/2
Hg 3.15 ppb .000 3.15

*** Sample ID: SD609092-0 Seq: 1060 16:26:40 23 Sep 06 HG
01-012-1/2
Hg 3.13 ppb .000 3.13

*** Sample ID: S 609092-0 Seq: 1061 16:28:52 23 Sep 06 HG
02-016-1/1
Hg .109 ppb .000 .109

*** Sample ID: S 609092-0 Seq: 1062 16:31:21 23 Sep 06 HG
03-017-1/1
Hg .196 ppb .000 .196

*** Sample ID: S 609092-0 Seq: 1063 16:33:51 23 Sep 06 HG
04-018-1/1
Hg .217 ppb .000 .217

*** Sample ID: S 609092-0 Seq: 1064 16:35:59 23 Sep 06 HG
05-019-1/1
Hg .221 ppb .000 .221

*** Sample ID: S 609092-0 Seq: 1065 16:38:10 23 Sep 06 HG
06-020-1/1
Hg .193 ppb .000 .193

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

*** Check Standard: 5 Ck5 CCV Seq: 1066 16:40:18 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 95.2 4.76 5.00 ppb .000

*** Check Standard: 6 Ck6 CCB Seq: 1067 16:42:27 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg ~~L 8.48~~ -.004 ~~.050~~ ppb .000
on 9 23-06

*** Sample ID: S 609092-0 Seq: 1068 16:44:35 23 Sep 06 HG
07-021-1/1
Hg .161 ppb .000 .161

*** Sample ID: S 609092-0 Seq: 1069 16:46:50 23 Sep 06 HG
08-022-1/1
Hg .250 ppb .000 .250

*** Sample ID: S 609092-0 Seq: 1070 16:48:55 23 Sep 06 HG
09-023-1/1
Hg .179 ppb .000 .179

*** Sample ID: S 609092-0 Seq: 1071 16:51:42 23 Sep 06 HG
10-024-1/1
Hg .161 ppb .000 .161

*** Sample ID: S 609043-0 Seq: 1072 16:53:47 23 Sep 06 HG
01-001-1/1
Hg .084 ppb .000 .084

*** Sample ID: S 609043-0 Seq: 1073 16:56:04 23 Sep 06 HG
02-002-1/1
Hg .179 ppb .000 .179

*** Sample ID: S 609043-0 Seq: 1074 16:59:00 23 Sep 06 HG
03-003-1/1
Hg .114 ppb .000 .114

~~*** Sample ID: S 609043-0 Seq: 1075 17:01:30 23 Sep 06 HG~~
~~04-013-1/3~~
Hg 42.4 ppb .000 42.4

over cal on 9 23-06

~~*** Sample ID: SP609043-0 Seq: 1076 17:03:49 23 Sep 06 HG~~
~~04-013-1/3~~
Hg 34.1 ppb .000 34.1

~~*** Sample ID: SD609043-0 Seq: 1077 17:06:58 23 Sep 06 HG~~
~~04-013-1/3~~
~~Hg 46.6 ppb .000 46.6~~

*** Check Standard: 5 Ck5 CCV Seq: 1078 17:09:05 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 91.9 4.60 5.00 ppb .000

*** Check Standard: 6 Ck6 CCB Seq: 1079 17:11:21 23 Sep 06 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg ~~L 40.8~~ -.020 ~~.050~~ ppb .000
on 9 23-06

*** Sample ID: S 609043-0 Seq: 1080 17:14:32 23 Sep 06 HG
09-004-1/1
Hg .529 ppb .000 .529

GPL Laboratories
17:16:53 23 Sep 2006

Folder: 06SEP
Protocol: 7471

5 JM 9-23-06

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

*** Sample ID: S 609043-0 Seq: 1081 17:16:53 23 Sep 06 HG
10-005-1/1
Hg 1.33 ppb .000 1.33

*** Sample ID: S 609043-0 Seq: 1082 17:19:49 23 Sep 06 HG
11-006-1/1
Hg 2.11 ppb .000 2.11

*** Sample ID: S 609057-0 Seq: 1083 17:21:59 23 Sep 06 HG
~~01-001-1/1~~
Hg 166. ppb .000 166.

Overcal
dil 1:100 dilution JM 9-23-06

*** Check Standard: 5 Ck5 CCV Seq: 1084 17:38:17 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.18	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1085 17:40:29 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	~~I~~	~~25.5~~	.013	~~.050~~	ppb	.000

JM 9-23-06

*** Sample ID: S 609043-0 Seq: 1086 17:42:45 23 Sep 06 HG
04-013-1/3 DF=10
Hg 4.95 ppb .000 4.95

*** Sample ID: SP609043-0 Seq: 1087 17:45:44 23 Sep 06 HG
04-013-1/3 DF=10
Hg 3.86 ppb .000 3.86

*** Sample ID: SD609043-0 Seq: 1088 17:48:14 23 Sep 06 HG
04-013-1/3 DF=10
Hg 5.35 ppb .000 5.35

*** Sample ID: PS609043-0 Seq: 1089 17:50:19 23 Sep 06 HG
04-013-1/3 DF=10
Hg 5.93 ppb .000 5.93

*** Sample ID: S 609057-0 Seq: 1090 17:52:49 23 Sep 06 HG
01-001-1/1 DF=100
Hg 2.80 ppb .000 2.80

*** Sample ID: BLK93919 Seq: 1091 17:55:07 23 Sep 06 HG

Hg .001 ppb .000 .001

*** Sample ID: BKS93919 Seq: 1092 17:57:24 23 Sep 06 HG

Hg 2.94 ppb .000 2.94

*** Sample ID: S 609049-0 Seq: 1093 17:59:31 23 Sep 06 HG
01-013-1/2
Hg .357 ppb .000 .357

*** Sample ID: S 609049-0 Seq: 1094 18:01:51 23 Sep 06 HG
02-015-1/2
Hg .213 ppb .000 .213

*** Sample ID: S 609049-0 Seq: 1095 18:04:19 23 Sep 06 HG
03-017-1/2
Over
Hg 84.0 ppb .000 84.0

JM 9-23-06

DMA 9.23.06

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

*** Sample ID: S 609049-0 Seq: 1096 18:06:31 23 Sep 06 HG
~~04-019-1/2~~

Hg	.201	ppb	.000	.201

*** Check Standard: 5 Ck5 CCV Seq: 1097 18:11:55 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.26	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1098 18:14:06 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	~~L~~	~~47.7~~	.024	~~.050~~	ppb	.000

DM 9-23-06

*** Sample ID: S 609049-0 Seq: 1099 18:16:22 23 Sep 06 HG
03-017-1/2 DF=10

Hg	9.48	ppb	.000	9.48

*** Sample ID: S 609049-0 Seq: 1100 18:18:39 23 Sep 06 HG
04-019-1/2 RERUN

Hg	.249	ppb	.000	.249

*** Sample ID: S 609053-0 Seq: 1101 18:20:49 23 Sep 06 HG
01-001-1/2

Hg	.293	ppb	.000	.293

*** Sample ID: S 609053-0 Seq: 1102 18:23:29 23 Sep 06 HG
02-003-1/2

Hg	.251	ppb	.000	.251

*** Sample ID: S 609053-0 Seq: 1103 18:25:38 23 Sep 06 HG
03-005-1/2

Hg	.165	ppb	.000	.165

*** Sample ID: S 609053-0 Seq: 1104 18:27:45 23 Sep 06 HG
04-011-1/1

Hg	.365	ppb	.000	.365

*** Sample ID: S 609053-0 Seq: 1105 18:30:22 23 Sep 06 HG
05-012-1/1

Hg	.201	ppb	.000	.201

*** Sample ID: S 609053-0 Seq: 1106 18:32:30 23 Sep 06 HG
07-014-1/1

Hg	.204	ppb	.000	.204

*** Sample ID: S 609053-0 Seq: 1107 18:34:38 23 Sep 06 HG
10-007-1/2

Hg	.140	ppb	.000	.140

*** Sample ID: S 609053-0 Seq: 1108 18:36:48 23 Sep 06 HG
11-009-1/2

Hg	.128	ppb	.000	.128

*** Check Standard: 5 Ck5 CCV Seq: 1109 18:39:21 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.24	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1110 18:41:31 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	~~L~~	~~44.0~~	.022	~~.050~~	ppb	.000

DM 9.23.06

DM 9.23.06

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

*** Sample ID: S 609054-0 Seq: 1111 18:43:37 23 Sep 06 HG
02-008-1/2
Hg .258 ppb .000 .258

*** Sample ID: S 609054-0 Seq: 1112 18:45:44 23 Sep 06 HG
03-010-1/2
Hg .041 ppb .000 .041

*** Sample ID: S 609054-0 Seq: 1113 18:48:00 23 Sep 06 HG
04-012-1/2
Hg .154 ppb .000 .154

*** Sample ID: S 609054-0 Seq: 1114 18:50:07 23 Sep 06 HG
05-014-1/2
Hg .148 ppb .000 .148

*** Sample ID: S 609054-0 Seq: 1115 18:52:18 23 Sep 06 HG
06-005-1/3
Hg .410 ppb .000 .410

*** Sample ID: SP609054-0 Seq: 1116 18:54:36 23 Sep 06 HG
06-005-1/3
Hg 3.75 ppb .000 3.75

*** Sample ID: SD609054-0 Seq: 1117 18:56:49 23 Sep 06 HG
06-005-1/3
Hg 3.74 ppb .000 3.74

*** Sample ID: S 609090-0 Seq: 1118 18:58:58 23 Sep 06 HG
01-001-1/1
Hg 7.82 ppb .000 7.82

*** Sample ID: SP609090-0 Seq: 1119 19:01:15 23 Sep 06 HG
01-001-1/1
Hg 8.85 ppb .000 8.85

*** Sample ID: SD609090-0 Seq: 1120 19:03:24 23 Sep 06 HG
01-001-1/1
Hg 11.4 ppb .000 11.4

overrun
DM 9-23-06

*** Check Standard: 5 Ck5 CCV Seq: 1121 19:05:42 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		105.	5.25	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1122 19:08:08 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		52.9	.026	.050	ppb	.000

*** Sample ID: S 609090-0 Seq: 1123 19:10:27 23 Sep 06 HG
02-002-1/1
Hg 3.81 ppb .000 3.81

*** Sample ID: PS609090-0 Seq: 1124 19:14:32 23 Sep 06 HG
01-001-1/1
Hg 7.98 ppb .000 7.98

1 ppb post spk
0.076 ml of 0.1 ppm Hg to 10 ml of sample.
DM 9-23-06

*** Sample ID: SD609090-0 Seq: 1125 19:17:32 23 Sep 06 HG
01-001-1/1 DF=2
Hg 5.48 ppb .000 5.48

POST-RUN REPORT 09/25/06

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

*** Sample ID: PS609090-0 Seq: 1126 19:24:54 23 Sep 06 HG
01-001-1/1 PS=2PPB

Hg	9.01	ppb	.000	9.01

*** Check Standard: 5 Ck5 CCV Seq: 1127 19:27:03 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	4.86	5.00	ppb	.000

09-25-06

*** Check Standard: 6 Ck6 CCB Seq: 1128 19:34:24 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-656.	-.328	.050	ppb	.000

*** Sample ID: CRIF Seq: 1129 19:39:44 23 Sep 06 HG

Hg	.157	ppb	.000	.157

09-25-06

*** Check Standard: 5 Ck5 CCV Seq: 1130 19:41:51 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.6	4.78	5.00	ppb	.000

*** Check Standard: 6 Ck6 CCB Seq: 1131 19:44:27 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	1310	.654	.050	ppb	.000

09-25-06

*** Check Standard: 3 Ck3 ICB Seq: 1132 19:48:07 23 Sep 06 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-62.7	-.031	.050	ppb	.000

Metals Preparation & Sample Description Log

Date: 09-21-06 Prep: 200.7 / 3005A / 3020A / 3050B (SIEVED) / 3010A / ILC03.1 / ILM04.1 / ILM05.3 Batch No: 180- 137

Analyst: MSI Comments: MOD BLOCK DIGESTION (Soil - Sieved)

RUSH (SHAWS) Sample Reacted badly to 1:1 HNO3

Reviewed by: RA Date: 9-27-06 Spike Witness: KL Pep. Seq: 93959

	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	137		1.00	100	S				Clear	-
2	BKS	137		1.00							-
3	609054	009	-004-½	1.17		Soil	Brown	yellow	Med		
4	609069	001	-013-½	1.18							
5		MS		1.20							
6		MSD		1.24							
7		002	-001-½	1.19							
8		003	-003-½	1.13							
9		004	-019-½	1.16							
10		005	-020-½	1.22							
11		006	-005-½	1.20							
12		007	-007-½	1.15							
13		008	-009-½	1.19							
14		009	-021-½	1.13							
15		010	-022-½	1.26							
16		011	-011-½	1.17							
17		012	-023-½	1.21							
18	RUSH 609108	001		1.22							
19		MS		1.25							
20		MSD		1.28							
21											
22											
23											
24											

MH 09-21-06

LCS ID/ Amt. Added (ml ,g) : 0.2 ml (37361, 37362, 37363)	HNO3(1+1) ID: GP-057-129-02
Spiking ID / Amt. Added (ml) 0.2 ml (37361, 37362, 37363)	HNO3(conc) ID: GP-129-08-11
10 ML 1:1 NH, 10 ML NH4OH, 7 ML Peroxide, 10 ML HCL CNC	HCl(conc) ID: GP-129-08-10
Temperature, C: 94°C	HCl(1+1) ID:
Camp Adair - Appendix F - Analytical Report	Peroxide ID: GP-129-3588-02

F10OR002008_01.00_0507_a

Metals Preparation & Sample Description Log

Date: 09-21-06 Prep: 200.7 / 3005A / 3020A / 3050B (SIEVED) / 3010A / ILC03.1 / ILM04.1 / ILM05.3 Batch No: 180- 136

Analyst: MII Comments: MOD BLOCK DIGESTION (Soil- Sieved)

Reviewed by: RA Date: 9-27-06 Spike Witness: [illegible] Pep. Seq: 79951

	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	136		1.00	100	S				Clear	-
2	BKS	136		1.00							-
3	609053	001	-001-½	1.12		Soil	Brown	Yellow	Med		-
4		002	-003-½	1.12							
5		003	-005-½	1.08							
6		004	-011-½	1.06							
7		005	-012-½	1.16							
8		006	-013-½	1.12							
9		007	-014-½	1.24							
10		008	-015-½	1.19							
11		009	-016-½	1.20							
12		010	-002-½	1.25							
13		011	-009-½	1.18							
14		012	-017-½	1.16							
15	609054	001	-001-½	1.13							
16		002	-008-½	1.21							
17		003	-010-½	1.22							
18		004	-012-½	1.25							
19		005	-014-½	1.12							
20		006	-005-½	1.23							
21		MS		1.27							
22		MSD		1.29							
23		007	-002-½	1.12							
24		008	-003-½	1.14					MII	09-21-06	

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 Nel, 10ML NelCNC, 7ML Peroxide, 10ML HCLCNC

Temperature, C: 94°C

HNO3(1+1) ID: 1f-057-129-02

HNO3(conc) ID: 1f-129-08-11

HCl(conc) ID: 1f-129-08-10

HCl(1+1) ID: -

Peroxide ID: 1f-129-08-02

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 3 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: KC 29/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		BLK 93919	soil	0.6	100	0	15.0
	DH 9-22-06	BKS 93919	↓	0.6	↓	3.0	↓
609049-001	~~013~~	013-1/2	Soil	0.929	↓	0	↓
2	-015-1/2		↓	0.797	↓	↓	↓
3	-017-1/2		↓	0.675	↓	↓	↓
4	-019-1/2		↓	0.623	↓	↓	↓
609053-001	-001-	1/2	↓	0.725	↓	↓	↓
2	003-	1/2	↓	0.672	↓	↓	↓
3	005-	1/2	↓	0.652	↓	↓	↓
4	011-	1/1	↓	0.773	↓	↓	↓
5	012-	1/1	↓	0.696	↓	↓	↓
7	014-	1/1	↓	0.621	↓	↓	↓
-010	007-	1/2	↓	0.626	↓	↓	↓
-011	009-	1/2	↓	0.617	↓	↓	↓
609054-002	008-	1/2	↓	0.636	↓	↓	↓
3	010-	1/2	↓	0.811	↓	↓	↓
4	012-	1/2	↓	0.681	↓	↓	↓
5	014-	1/2	↓	0.635	↓	↓	↓
6	005-1/3	(ac below)	↓	0.612	↓	↓	↓
609090-001	-001-1/1		↓	0.862	↓	↓	↓
↓	↓	MS	↓	0.752	↓	3.0	↓
↓	↓	MSD	↓	0.772	↓	3.0	↓
002	-002-1/1		↓	0.652	↓	0	↓
609054-006	-005-1/3	MS	↓	0.642	↓	3.0	↓
006	↓	MSD	↓	0.645	↓	3.0	↓
		DH 9-22-06					

50% Aqua regia:	129-124-3	Spiking Solution Conc:	0.1 PPM Hg
HNO3:	—	Std/CRA/BKS/Spk:	38193
H2SO4:	—	(2nd source) ICV:	38097
KMnO4:	129-121-3	H2O Bath Temp: 95	In Time: 1830
K2S2O8:	—	H2O Bath Temp: 95	Out Time: 1832
NH2OH*HCl:	129-123-2	H2O Bath Temp: 95	In Time: 1945
Comments:		H2O Bath Temp: 95	Out Time: 2015

609053, 054 were from stored bottles.

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 2 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: KC 25/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		S0	W	100	100	0	15.0
		S0.2				0.2	
		S0.5				0.5	
		S1.0				1.0	
		S5.0				5.0	
		S10.0				10.0	
		ICV				0.3	
		ICB				0	

DH 9-22-06

50% Aqua regia:	129-124-3	Spiking Solution Conc:	0.1 PPM Hg
HNO3:	—	Std/CRA/BKS/Spk:	38193
H2SO4:	—	(2nd source) ICV:	38097
KMnO4:	129-121-3	H2O Bath Temp: 95°C	In Time: 1830
K2S2O8:	—	H2O Bath Temp: 95°C	Out Time: 1832
NH2OH*HCl:	129-123-2	H2O Bath Temp: 95°C	In Time: 1945
Comments:		H2O Bath Temp: 95°C	Out Time: 2015

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.2 / ILM05.3 Batch No: 183- 1 of 3

Digestion Date: 9-22-06 Analyst: DH

Reviewed By / Date: KC 27/Sep/2006

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		BLK93918	soil	0.6	100	0	15.0
		BKS 93918		0.6		3.0	
609092-001	012-1/2			0.612		0	
		MS		0.616		3.0	
		MSD		0.624		3.0	
2	-016-1/1			0.645		0	
3	-017			0.612			
4	-018			0.636			
5	-019			0.676			
6	-020			0.675			
7	-021			0.628			
8	-022			0.645			
9	-023			0.623			
-010	024			0.660			
609043-001	-001-1/1			0.607			
2	002-			0.655			
3	003-		soil	~~0.719~~ 0.729 DH 9-22-06			
4	~~003~~ 013-1/2	DH 9-22-06	soil	0.729			
	013 1/3	MS		0.625		3.0	
	013 1/3	MSD		0.841		3.0	
9	-004-1/1			0.718		0	
010	-005-1/1			0.690			
011	-006-1/1			0.647			
609057-001	-001-1/1			0.646			
		DH 9-22-06					

50% Aqua regia: 129-124-3

HNO3: —

H2SO4: —

KMnO4: 129-121-3

K2S2O8: —

NH2OH*HCl: 129-123-2

Comments:

Spiking Solution Conc: 0.1 PPM Hg

Std/CRA/BKS/Spk: ~~38263~~ DH 9-26-06 38193

(2nd source) ICV: 38097

H2O Bath Temp: 95 C In Time: 1830

H2O Bath Temp: 95 Out Time: 1832

H2O Bath Temp: 95 In Time: 1945

H2O Bath Temp: 95 Out Time: 20:15

Std's on page 9 609043-004 looks like crude oil

GPL Laboratories, LLLP

Percent Solids Determination Log

Method Title:	CLP_SOLIDS	**Analyst:**	ISAAC ERUSIAFE
Method Reference:	Percent Solids by CLP	**Reviewed By/Date:**	
Analytical Balance ID:	Saratorius CP153	**Analytical Batch:**	91752
Date/Time In (Oven):	09/14/2006 11:28	**Oven Temperature:**	105C
Date/Time Out (Oven):	09/15/2006 11:28	**Oven Temperature:**	105C
Dessicator Temp:	21C	**% Humidity (<20%):**	12%

Drying Oven Temp Maintained at 103-105C

SDG	Lab Sample ID	Client Sample ID	Weight of Dish	Weight of Wet Sample + Dish	Weight of Dry Sample + Dish	Percent Moisture	Percent Solids	RPD (<20)
609053	609053-001-001-1/2	A056 NWO-017-0042	1.3240g	10.9080g	9.6790g	12.8%	87.2%	
609053	609053-002-003-1/2	A056 NWO-017-0043	1.3200g	10.1740g	9.0080g	13.2%	86.8%	
609053	609053-003-005-1/2	A055 NWO-017-0041	1.3210g	10.4670g	9.5280g	10.3%	89.7%	
609053	609053-004-011-1/1	A065 NWO-017-5002	1.3190g	10.6960g	9.6680g	11.0%	89.0%	
609053	609053-005-012-1/1	A066 NWO-017-5003	1.3280g	10.1860g	9.7160g	5.3%	94.7%	
609053	609053-006-013-1/1	A008 NWO-017-0009	1.3160g	10.5080g	9.8150g	7.5%	92.5%	
609053	609053-007-014-1/1	A067 NWO-017-5004	1.3310g	10.5480g	9.9950g	6.0%	94.0%	
609053	609053-008-015-1/1	A016 NWO-017-0015R	1.3360g	10.8270g	9.4110g	14.9%	85.1%	
609053	609053-009-016-1/1	A017 NWO-017-0016R	1.3310g	10.3420g	8.8070g	17.0%	83.0%	
609053	609053-010-007-1/2	A052 NWO-017-	1.3280g	10.2120g	9.4020g	9.1%	90.9%	
609053	609053-011-009-1/2	A052 NWO-017-0040RR	1.3260g	10.9670g	10.1100g	8.9%	91.1%	
609053	609053-012-017-1/1	A012 NWO-017-0011	1.3300g	10.8210g	8.8190g	21.1%	78.9%	
609054	609054-001-001-1/1	A014 NWO-017-0013	1.3300g	10.1250g	8.9110g	13.8%	86.2%	
609054	609054-002-008-1/2	A057 NWO-017-1010R	1.3340g	10.6070g	5.0850g	59.6%	40.5%	
609054	609054-003-010-1/2	A053 NWO-017-1009R	1.3250g	10.8060g	8.8070g	21.1%	78.9%	
609054	609054-004-012-1/2	A051 NWO-017-0039R	1.3230g	10.1660g	9.4550g	8.0%	92.0%	
609054	609054-005-014-1/2	A052 NWO-017-0040R	1.3330g	10.3940g	9.6340g	8.4%	91.6%	
609054	609054-006-005-1/3	A064 NWO-017-5001	1.3300g	10.4940g	9.1970g	14.2%	85.9%	
609054	609054-006-005-1/3D	A064 NWO-017-5001	1.3620g	10.4470g	9.1680g	14.1%	85.9%	0.1
609054	609054-007-002-1/1	A019 NWO-017-0018R	1.3540g	10.7130g	9.5650g	12.3%	87.7%	
609054	609054-008-003-1/1	A019 NWO-017-	1.3230g	10.7370g	9.6600g	11.4%	88.6%	
609054	609054-009-004-1/1	A018 NWO-017-0017R	1.3370g	10.1820g	8.8490g	15.1%	84.9%	
609055	609055-004-013-1/1	C7-CWM-SO-X49-	1.3220g	10.8380g	9.5230g	13.8%	86.2%	
609055	609055-005-059-1/3	C7-CWM-SO-X49-	1.3320g	10.3760g	8.9120g	16.2%	83.8%	
609055	609055-005-059-1/3D	C7-CWM-SO-X49-	1.3340g	10.3900g	9.0180g	15.2%	84.9%	1.2
609055	609055-006-014-1/1	C7-CWM-SO-X53-SN01-	1.3350g	10.4350g	9.5400g	9.8%	90.2%	
609055	609055-007-015-1/1	C7-CWM-SO-DUP12	1.3360g	10.3490g	8.7360g	17.9%	82.1%	

GPL Laboratories, LLLP
Percent Solids Determination Log

Method Title:	CLP_SOLIDS	**Analyst:**	ISAAC ERUSIAFE
Method Reference:	Percent Solids by CLP	**Reviewed By/Date:**	
Analytical Balance ID:	Saratorius CP153	**Analytical Batch:**	91752
Date/Time In (Oven):	09/14/2006 11:28	**Oven Temperature:**	105C
Date/Time Out (Oven):	09/15/2006 11:28	**Oven Temperature:**	105C
Dessicator Temp:	21C	**% Humidity (<20%):**	12%

Drying Oven Temp Maintained at 103-105C

SDG	Lab Sample ID	Client Sample ID	Weight of Dish	Weight of Wet Sample + Dish	Weight of Dry Sample + Dish	Percent Moisture	Percent Solids	RPD (<20)
609055	609055-008-016-1/1	C7-CWM-SL-X53-SN01-	1.3360g	10.3460g	6.8260g	39.1%	60.9%	
609055	609055-009-017-1/1	C7-CWM-SL-DUP3	1.3310g	10.4690g	7.3300g	34.4%	65.7%	
609055	609055-010-018-1/1	C7-CWM-SO-X55-	1.3370g	10.4790g	9.3450g	12.4%	87.6%	
609055	609055-012-019-1/1	C7-CWM-SO-X55-SN01-	1.3340g	10.3670g	9.1870g	13.1%	86.9%	
609055	609055-013-012-1/1	C7-CWM-SL-X55-SN01-	1.3340g	10.3880g	3.5090g	76.0%	24.0%	
609060	609060-005-057-1/2	C7-CWM-SO-X56-	1.3390g	10.2320g	8.7110g	17.1%	82.9%	
609060	609060-006-059-1/2	C7-CWM-SO-DUP 13	1.3310g	10.3400g	8.7770g	17.4%	82.7%	
609060	609060-007-061-1/2	C7-CWM-SO-X58-SN01-	1.3400g	10.3090g	9.3310g	10.9%	89.1%	
609060	609060-008-063-1/2	C7-CWM-SO-X59-	1.3360g	10.1390g	8.5450g	18.1%	81.9%	
609060	609060-009-065-1/2	C7-CWM-SO-X60-	1.3430g	10.1780g	8.9020g	14.4%	85.6%	

	Description {90}	An	Sample Id {92}	Flag {111}	Val	Rpd {113}	Rpd Limit	N	mdl {125}	S	Retention Time	LCL {131	UCL {132	Moisture	Final Reporting	Final MDL {139}	Valid.Comments {145}	Anal Multiplier	Prep Multiplier
1																			
2																			
3																			
4	Percent Solids	AN	609053-001-			0		1	1.0000					12.82	1.000	1.00000		1.000	
5	Percent Solids	AN	609053-002-			0		1	1.0000					13.17	1.000	1.00000		1.000	
6	Percent Solids	AN	609053-003-			0		1	1.0000					10.27	1.000	1.00000		1.000	
7	Percent Solids	AN	609053-004-			0		1	1.0000					10.96	1.000	1.00000		1.000	
8	Percent Solids	AN	609053-005-			0		1	1.0000					5.31	1.000	1.00000		1.000	
9	Percent Solids	AN	609053-006-			0		1	1.0000					7.54	1.000	1.00000		1.000	
10	Percent Solids	AN	609053-007-			0		1	1.0000					6	1.000	1.00000		1.000	
11	Percent Solids	AN	609053-008-			0		1	1.0000					14.92	1.000	1.00000		1.000	
12	Percent Solids	AN	609053-009-			0		1	1.0000					17.03	1.000	1.00000		1.000	
13	Percent Solids	AN	609053-010-			0		1	1.0000					9.12	1.000	1.00000		1.000	
14	Percent Solids	AN	609053-011-			0		1	1.0000					8.89	1.000	1.00000		1.000	
15	Percent Solids	AN	609053-012-			0		1	1.0000					21.09	1.000	1.00000		1.000	
16	Percent Solids	AN	609054-001-			0		1	1.0000					13.8	1.000	1.00000		1.000	
17	Percent Solids	AN	609054-002-			0		1	1.0000					59.55	1.000	1.00000		1.000	
18	Percent Solids	AN	609054-003-			0		1	1.0000					21.08	1.000	1.00000		1.000	
19	Percent Solids	AN	609054-004-			0		1	1.0000					8.04	1.000	1.00000		1.000	
20	Percent Solids	AN	609054-005-			0		1	1.0000					8.39	1.000	1.00000		1.000	
21	Percent Solids	AN	609054-006-			0		1	1.0000					14.08	1.000	1.00000		1.000	
22	Percent Solids	AN	609054-006-			0		1	1.0000					14.15	1.000	1.00000		1.000	
23	Percent Solids	AN	609054-007-			0		1	1.0000					12.27	1.000	1.00000		1.000	
24	Percent Solids	AN	609054-008-			0		1	1.0000					11.44	1.000	1.00000		1.000	
25	Percent Solids	AN	609054-009-			0		1	1.0000					15.07	1.000	1.00000		1.000	
26	Percent Solids	AN	609055-004-			0		1	1.0000					13.82	1.000	1.00000		1.000	
27	Percent Solids	AN	609055-005-			1		1	1.0000					15.15	1.000	1.00000		1.000	
28	Percent Solids	AN	609055-005-			0		1	1.0000					16.19	1.000	1.00000		1.000	
29	Percent Solids	AN	609055-006-			0		1	1.0000					9.84	1.000	1.00000		1.000	
30	Percent Solids	AN	609055-007-			0		1	1.0000					17.9	1.000	1.00000		1.000	
31	Percent Solids	AN	609055-008-			0		1	1.0000					39.07	1.000	1.00000		1.000	
32	Percent Solids	AN	609055-009-			0		1	1.0000					34.35	1.000	1.00000		1.000	
33	Percent Solids	AN	609055-010-			0		1	1.0000					12.4	1.000	1.00000		1.000	
34	Percent Solids	AN	609055-012-			0		1	1.0000					13.06	1.000	1.00000		1.000	
35	Percent Solids	AN	609055-013-			0		1	1.0000					75.98	1.000	1.00000		1.000	
36	Percent Solids	AN	609060-005-			0		1	1.0000					17.1	1.000	1.00000		1.000	
37	Percent Solids	AN	609060-006-			0		1	1.0000					17.35	1.000	1.00000		1.000	
38	Percent Solids	AN	609060-007-			0		1	1.0000					10.9	1.000	1.00000		1.000	
39	Percent Solids	AN	609060-008-			0		1	1.0000					18.11	1.000	1.00000		1.000	
40	Percent Solids	AN	609060-009-			0		1	1.0000					14.44	1.000	1.00000		1.000	

	Description {90}	A n	Sample Id {92}	ST Sam	Method {94}	Results {95}	RL Raw {96}	R	Raw Results	Multiplier {99}	Reporti ng	Raw Unt	nFinal Result	Sort Order	spk Amount	% Recover	Raw Final {110}
1																	
2																	
3																	
4	Percent Solids	AN	609053-001-	SMP	CLP_SOLI	87.18	1.0000	☑	87.1800	00000000	PER	PER	87.1800	0	0.0000	0.00	87.1800
5	Percent Solids	AN	609053-002-	SMP	CLP_SOLI	86.83	1.0000	☑	86.8300	00000000	PER	PER	86.8300	0	0.0000	0.00	86.8300
6	Percent Solids	AN	609053-003-	SMP	CLP_SOLI	89.73	1.0000	☑	89.7300	00000000	PER	PER	89.7300	0	0.0000	0.00	89.7300
7	Percent Solids	AN	609053-004-	SMP	CLP_SOLI	89.04	1.0000	☑	89.0400	00000000	PER	PER	89.0400	0	0.0000	0.00	89.0400
8	Percent Solids	AN	609053-005-	SMP	CLP_SOLI	94.69	1.0000	☑	94.6900	00000000	PER	PER	94.6900	0	0.0000	0.00	94.6900
9	Percent Solids	AN	609053-006-	SMP	CLP_SOLI	92.46	1.0000	☑	92.4600	00000000	PER	PER	92.4600	0	0.0000	0.00	92.4600
10	Percent Solids	AN	609053-007-	SMP	CLP_SOLI	94	1.0000	☑	94.0000	00000000	PER	PER	94.0000	0	0.0000	0.00	94.0000
11	Percent Solids	AN	609053-008-	SMP	CLP_SOLI	85.08	1.0000	☑	85.0800	00000000	PER	PER	85.0800	0	0.0000	0.00	85.0800
12	Percent Solids	AN	609053-009-	SMP	CLP_SOLI	82.97	1.0000	☑	82.9700	00000000	PER	PER	82.9700	0	0.0000	0.00	82.9700
13	Percent Solids	AN	609053-010-	SMP	CLP_SOLI	90.88	1.0000	☑	90.8800	00000000	PER	PER	90.8800	0	0.0000	0.00	90.8800
14	Percent Solids	AN	609053-011-	SMP	CLP_SOLI	91.11	1.0000	☑	91.1100	00000000	PER	PER	91.1100	0	0.0000	0.00	91.1100
15	Percent Solids	AN	609053-012-	SMP	CLP_SOLI	78.91	1.0000	☑	78.9100	00000000	PER	PER	78.9100	0	0.0000	0.00	78.9100
16	Percent Solids	AN	609054-001-	SMP	CLP_SOLI	86.2	1.0000	☑	86.2000	00000000	PER	PER	86.2000	0	0.0000	0.00	86.2000
17	Percent Solids	AN	609054-002-	SMP	CLP_SOLI	40.45	1.0000	☑	40.4500	00000000	PER	PER	40.4500	0	0.0000	0.00	40.4500
18	Percent Solids	AN	609054-003-	SMP	CLP_SOLI	78.92	1.0000	☑	78.9200	00000000	PER	PER	78.9200	0	0.0000	0.00	78.9200
19	Percent Solids	AN	609054-004-	SMP	CLP_SOLI	91.96	1.0000	☑	91.9600	00000000	PER	PER	91.9600	0	0.0000	0.00	91.9600
20	Percent Solids	AN	609054-005-	SMP	CLP_SOLI	91.61	1.0000	☑	91.6100	00000000	PER	PER	91.6100	0	0.0000	0.00	91.6100
21	Percent Solids	AN	609054-006-	MD /	CLP_SOLI	85.92	1.0000	☑	85.9200	00000000	PER	PER	85.9200	0	0.0000	0.00	85.9200
22	Percent Solids	AN	609054-006-	SMP	CLP_SOLI	85.85	1.0000	☑	85.8500	00000000	PER	PER	85.8500	0	0.0000	0.00	85.8500
23	Percent Solids	AN	609054-007-	SMP	CLP_SOLI	87.73	1.0000	☑	87.7300	00000000	PER	PER	87.7300	0	0.0000	0.00	87.7300
24	Percent Solids	AN	609054-008-	SMP	CLP_SOLI	88.56	1.0000	☑	88.5600	00000000	PER	PER	88.5600	0	0.0000	0.00	88.5600
25	Percent Solids	AN	609054-009-	SMP	CLP_SOLI	84.93	1.0000	☑	84.9300	00000000	PER	PER	84.9300	0	0.0000	0.00	84.9300
26	Percent Solids	AN	609055-004-	SMP	CLP_SOLI	86.18	1.0000	☑	86.1800	00000000	PER	PER	86.1800	0	0.0000	0.00	86.1800
27	Percent Solids	AN	609055-005-	MD /	CLP_SOLI	84.85	1.0000	☑	84.8500	00000000	PER	PER	84.8500	0	0.0000	0.00	84.8500
28	Percent Solids	AN	609055-005-	SMP	CLP_SOLI	83.81	1.0000	☑	83.8100	00000000	PER	PER	83.8100	0	0.0000	0.00	83.8100
29	Percent Solids	AN	609055-006-	SMP	CLP_SOLI	90.16	1.0000	☑	90.1600	00000000	PER	PER	90.1600	0	0.0000	0.00	90.1600
30	Percent Solids	AN	609055-007-	SMP	CLP_SOLI	82.1	1.0000	☑	82.1000	00000000	PER	PER	82.1000	0	0.0000	0.00	82.1000
31	Percent Solids	AN	609055-008-	SMP	CLP_SOLI	60.93	1.0000	☑	60.9300	00000000	PER	PER	60.9300	0	0.0000	0.00	60.9300
32	Percent Solids	AN	609055-009-	SMP	CLP_SOLI	65.65	1.0000	☑	65.6500	00000000	PER	PER	65.6500	0	0.0000	0.00	65.6500
33	Percent Solids	AN	609055-010-	SMP	CLP_SOLI	87.6	1.0000	☑	87.6000	00000000	PER	PER	87.6000	0	0.0000	0.00	87.6000
34	Percent Solids	AN	609055-012-	SMP	CLP_SOLI	86.94	1.0000	☑	86.9400	00000000	PER	PER	86.9400	0	0.0000	0.00	86.9400
35	Percent Solids	AN	609055-013-	SMP	CLP_SOLI	24.02	1.0000	☑	24.0200	00000000	PER	PER	24.0200	0	0.0000	0.00	24.0200
36	Percent Solids	AN	609060-005-	SMP	CLP_SOLI	82.9	1.0000	☑	82.9000	00000000	PER	PER	82.9000	0	0.0000	0.00	82.9000
37	Percent Solids	AN	609060-006-	SMP	CLP_SOLI	82.65	1.0000	☑	82.6500	00000000	PER	PER	82.6500	0	0.0000	0.00	82.6500
38	Percent Solids	AN	609060-007-	SMP	CLP_SOLI	89.1	1.0000	☑	89.1000	00000000	PER	PER	89.1000	0	0.0000	0.00	89.1000
39	Percent Solids	AN	609060-008-	SMP	CLP_SOLI	81.89	1.0000	☑	81.8900	00000000	PER	PER	81.8900	0	0.0000	0.00	81.8900
40	Percent Solids	AN	609060-009-	SMP	CLP_SOLI	85.56	1.0000	☑	85.5600	00000000	PER	PER	85.5600	0	0.0000	0.00	85.5600

	Sample Id	Clas	Method	Q	Anal Date	Tech	SEQ No.	Multip	M	Prep	R	Client	A	B	C	Calculate	Meth	Col	Col	C	Perce	Last QC Sample
1																						
2																						
3																						
4	609053-001-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A056 N	1.32400	10.90800	9.67900	87.1765	1.0000			1	12.82	
5	609053-002-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A056 N	1.32000	10.17400	9.00800	86.8308	1.0000			1	13.17	
6	609053-003-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A055 N	1.32100	10.46700	9.52800	89.7332	1.0000			1	10.27	
7	609053-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A065 N	1.31900	10.69600	9.66800	89.0370	1.0000			1	10.96	
8	609053-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A066 N	1.32800	10.18600	9.71600	94.6941	1.0000			1	5.31	
9	609053-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A008 N	1.31600	10.50800	9.81500	92.4608	1.0000			1	7.54	
10	609053-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A067 N	1.33100	10.54800	9.99500	94.0002	1.0000			1	6.00	
11	609053-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A016 N	1.33600	10.82700	9.41100	85.0806	1.0000			1	14.92	
12	609053-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A017 N	1.33100	10.34200	8.80700	82.9653	1.0000			1	17.03	
13	609053-010-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.32800	10.21200	9.40200	90.8825	1.0000			1	9.12	
14	609053-011-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.32600	10.96700	10.11000	91.1109	1.0000			1	8.89	
15	609053-012-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A012 N	1.33000	10.82100	8.81900	78.9063	1.0000			1	21.09	
16	609054-001-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A014 N	1.33000	10.12500	8.91100	86.1967	1.0000			1	13.80	
17	609054-002-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A057 N	1.33400	10.60700	5.08500	40.4508	1.0000			1	59.55	
18	609054-003-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A053 N	1.32500	10.80600	8.80700	78.9157	1.0000			1	21.08	
19	609054-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A051 N	1.32300	10.16600	9.45500	91.9597	1.0000			1	8.04	
20	609054-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A052 N	1.33300	10.39400	9.63400	91.6124	1.0000			1	8.39	
21	609054-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A064 N	1.33000	10.49400	9.19700	85.8468	1.0000			1	14.15	
22	609054-006-0	MD	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A064 N	1.36200	10.44700	9.16800	85.9218	1.0000			1	14.08	
23	609054-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A019 N	1.35400	10.71300	9.56500	87.7337	1.0000			1	12.27	
24	609054-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A019 N	1.32300	10.73700	9.66000	88.5596	1.0000			1	11.44	
25	609054-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	A018 N	1.33700	10.18200	8.84900	84.9293	1.0000			1	15.07	
26	609055-004-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.32200	10.83800	9.52300	86.1812	1.0000			1	13.82	
27	609055-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33200	10.37600	8.91200	83.8125	1.0000			1	16.19	
28	609055-005-0	MD	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.39000	9.01800	84.8498	1.0000			1	15.15	
29	609055-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33500	10.43500	9.54000	90.1648	1.0000			1	9.84	
30	609055-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.34900	8.73600	82.1036	1.0000			1	17.90	
31	609055-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.34600	6.82600	60.9323	1.0000			1	39.07	
32	609055-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33100	10.46900	7.33000	65.6489	1.0000			1	34.35	
33	609055-010-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33700	10.47900	9.34500	87.5957	1.0000			1	12.40	
34	609055-012-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.36700	9.18700	86.9368	1.0000			1	13.06	
35	609055-013-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33400	10.38800	3.50900	24.0225	1.0000			1	75.98	
36	609060-005-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33900	10.23200	8.71100	82.8967	1.0000			1	17.10	
37	609060-006-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33100	10.34000	8.77700	82.6507	1.0000			1	17.35	
38	609060-007-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.34000	10.30900	9.33100	89.0958	1.0000			1	10.90	
39	609060-008-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.33600	10.13900	8.54500	81.8925	1.0000			1	18.11	
40	609060-009-0	SMP	CLP_SOLIDS		09-15-06 11:2	1300-18	91752	00000	S		Y	C7-CW	1.34300	10.17800	8.90200	85.5574	1.0000			1	14.44	

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Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 609054

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-011-0010	S 609069-001-013-1/6
NWO-011-0010 MS	SP609069-001-013-1/6
NWO-011-0010 MSD	SD609069-001-013-1/6
NWO-017-0013	S 609054-001-001-1/1
NWO-017-0017R	S 609054-009-004-1/1
NWO-017-0018FDR	S 609054-008-003-1/1
NWO-017-0018R	S 609054-007-002-1/1
NWO-017-0039R	S 609054-004-012-1/2
NWO-017-0040R	S 609054-005-014-1/2
NWO-017-1009R	S 609054-003-010-1/2
NWO-017-1010R	S 609054-002-008-1/2
NWO-017-5001	S 609054-006-005-1/3
NWO-017-5001 MS	SP609054-006-005-1/3
NWO-017-5001 MSD	SD609054-006-005-1/3

		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.

Signature: Rita Amin Name: RITA AMIN

Date: ~~10/3/2006~~ RA 10/23/2006 Title: Metals Reporting

USEPA - CLP

COVER PAGE

Lab Name: GPL LABORATORIES, LLLP Contract:

Lab Code: Case No.: NRAS No.: SDG No.: 609054HG

SOW No.: SW846

EPA Sample No.	Lab Sample ID
NWO-017-0039R	S 609054-004-012-1/2
NWO-017-0040R	S 609054-005-014-1/2
NWO-017-1009R	S 609054-003-010-1/2
NWO-017-1010R	S 609054-002-008-1/2
NWO-017-5001	S 609054-006-005-1/3
NWO-017-5001 MS	SP609054-006-005-1/3
NWO-017-5001 MSD	SD609054-006-005-1/3

		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.

Signature: Rita Amin Name: RITA AMIN

Date: ~~9/22/2006~~ RA 10/23/2006 Title: Metals Reporting

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-001-001-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0013	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.070	1.8	10.7	D	10	09/27/06 20:20

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-002-008-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1010R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	4.5	165	34900	ED	20	09/28/06 18:22
Antimony	121	0.28	1.7	0.28	UND	20	09/28/06 18:22
Barium	137	0.38	8.3	444	NDB	20	09/28/06 18:22
Cadmium	110	0.23	0.83	0.42	JD	20	09/28/06 18:22
Chromium	52	0.46	3.3	55.9	EDB	20	09/28/06 18:22
Cobalt	59	0.028	0.83	38.1	EDB	20	09/28/06 18:22
Copper	65	0.33	3.3	67.5	NDB	20	09/28/06 18:22
Iron	56	5.3	82.6	63500	ED	20	09/28/06 18:22
Lead	208	0.13	3.3	12.0	D	20	09/28/06 18:22
Magnesium	25	3.0	165	5370	D	20	09/28/06 18:22
Manganese	55	0.094	3.3	2320	ED	20	09/28/06 18:22
Molybdenum	95	0.48	8.3	1.2	JND	20	09/28/06 18:22
Nickel	60	0.15	1.7	38.2	NEDB	20	09/28/06 18:22
Strontium	88	0.15	3.3	107	D	20	09/28/06 18:22
Titanium	47	0.50	3.3	1400	D	20	09/28/06 18:22
Zinc	66	0.81	16.5	78.8	EDB	20	09/28/06 18:22

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-002-008-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1010R	Prep Batch:	93919
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	0.0091	0.031	0.041		1	09/23/06 18:43

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-003-010-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1009R	Prep Batch:	93951
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	82.0	39300	ED	10	09/27/06 20:57
Antimony	121	0.14	0.82	0.14	UND	10	09/27/06 20:57
Barium	137	0.19	4.1	181	NDB	10	09/27/06 20:57
Cadmium	110	0.11	0.41	0.64	D	10	09/27/06 20:57
Chromium	52	0.23	1.6	117	EDB	10	09/27/06 20:57
Cobalt	59	0.014	0.41	76.5	ED	10	09/27/06 20:57
Copper	65	0.33	3.3	86.8	NDB	20	09/27/06 21:03
Iron	56	2.6	41.0	75600	ED	10	09/27/06 20:57
Lead	208	0.065	1.6	1.6	JD	10	09/27/06 20:57
Magnesium	25	1.5	82.0	12900	D	10	09/27/06 20:57
Manganese	55	0.047	1.6	1800	ED	10	09/27/06 20:57
Molybdenum	95	0.24	4.1	0.24	UND	10	09/27/06 20:57
Nickel	60	0.072	0.82	79.5	NED	10	09/27/06 20:57
Strontium	88	0.075	1.6	88.0	D	10	09/27/06 20:57
Titanium	47	0.49	3.3	4480	D	20	09/27/06 21:03
Zinc	66	0.40	8.2	66.5	EDB	10	09/27/06 20:57

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-003-010-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-1009R	Prep Batch:	93919
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	0.0072	U	1	09/23/06 18:45

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-004-012-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0039R	Prep Batch:	93951
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	50000	ED	10	09/27/06 21:09
Antimony	121	0.14	0.80	0.14	UND	10	09/27/06 21:09
Barium	137	0.18	4.0	183	NDB	10	09/27/06 21:09
Cadmium	110	0.11	0.40	0.68	D	10	09/27/06 21:09
Chromium	52	0.22	1.6	147	EDB	10	09/27/06 21:09
Cobalt	59	0.014	0.40	65.3	ED	10	09/27/06 21:09
Copper	65	0.32	3.2	133	NDB	20	09/27/06 21:16
Iron	56	2.6	40.0	74200	ED	10	09/27/06 21:09
Lead	208	0.063	1.6	3.9	D	10	09/27/06 21:09
Magnesium	25	1.4	80.0	13200	D	10	09/27/06 21:09
Manganese	55	0.046	1.6	2300	ED	10	09/27/06 21:09
Molybdenum	95	0.23	4.0	0.24	JND	10	09/27/06 21:09
Nickel	60	0.070	0.80	73.9	NED	10	09/27/06 21:09
Strontium	88	0.074	1.6	78.4	D	10	09/27/06 21:09
Titanium	47	0.48	3.2	4900	D	20	09/27/06 21:16
Zinc	66	0.39	8.0	73.7	EDB	10	09/27/06 21:09

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-004-012-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0039R	Prep Batch:	93919
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	0.023	J	1	09/23/06 18:48

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-005-014-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	2.4	89.3	51300	ED	10	09/27/06 21:22
Antimony	121	0.15	0.89	0.15	UND	10	09/27/06 21:22
Barium	137	0.21	4.5	172	NDB	10	09/27/06 21:22
Cadmium	110	0.12	0.45	1.0	D	10	09/27/06 21:22
Chromium	52	0.25	1.8	175	EDB	10	09/27/06 21:22
Cobalt	59	0.015	0.45	62.7	ED	10	09/27/06 21:22
Copper	65	0.36	3.6	156	NDB	20	09/27/06 21:28
Iron	56	2.9	44.6	89200	ED	10	09/27/06 21:22
Lead	208	0.071	1.8	5.7	D	10	09/27/06 21:22
Magnesium	25	1.6	89.3	11100	D	10	09/27/06 21:22
Manganese	55	0.051	1.8	2260	ED	10	09/27/06 21:22
Molybdenum	95	0.26	4.5	0.40	JND	10	09/27/06 21:22
Nickel	60	0.079	0.89	73.5	NED	10	09/27/06 21:22
Strontium	88	0.082	1.8	50.4	D	10	09/27/06 21:22
Titanium	47	0.54	3.6	7490	D	20	09/27/06 21:28
Zinc	66	0.44	8.9	95.8	EDB	10	09/27/06 21:22

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-005-014-1/2	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0040R	Prep Batch:	93919
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	0.0091	0.031	0.023	J	1	09/23/06 18:50

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-006-005-1/3	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5001	Prep Batch:	93951
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	54000	ED	10	09/28/06 18:28
Antimony	121	0.14	0.81	0.14	UND	10	09/28/06 18:28
Arsenic	75	0.50	4.1	0.95	JND	10	09/28/06 18:28
Barium	137	0.19	4.1	127	NDB	10	09/28/06 18:28
Beryllium	9	0.026	0.16	0.53	D	10	09/28/06 18:28
Cadmium	110	0.11	0.41	0.60	D	10	09/28/06 18:28
Calcium	44	4.6	813	5770	ED	10	09/28/06 18:28
Chromium	52	0.23	1.6	243	EDB	10	09/28/06 18:28
Cobalt	59	0.014	0.41	80.6	EDB	10	09/28/06 18:28
Copper	65	0.33	3.3	133	NDB	20	09/28/06 18:59
Iron	56	2.6	40.7	83100	ED	10	09/28/06 18:28
Lead	208	0.064	1.6	3.5	D	10	09/28/06 18:28
Magnesium	25	1.5	81.3	15300	D	10	09/28/06 18:28
Manganese	55	0.046	1.6	2400	ED	10	09/28/06 18:28
Molybdenum	95	0.24	4.1	0.33	JND	10	09/28/06 18:28
Nickel	60	0.072	0.81	96.8	NEDB	10	09/28/06 18:28
Potassium	39	1.6	813	572	JD	10	09/28/06 18:28
Selenium	82	0.79	4.1	0.94	JND	10	09/28/06 18:28
Silver	107	0.015	0.24	0.093	JDB	10	09/28/06 18:28
Sodium	23	7.6	813	411	JND	10	09/28/06 18:28
Strontium	88	0.075	1.6	36.6	D	10	09/28/06 18:28
Thallium	203	0.14	1.6	0.17	JDB	10	09/28/06 18:28
Titanium	47	0.49	3.3	5690	D	20	09/28/06 18:59
Vanadium	51	2.0	8.1	319	D	10	09/28/06 18:28
Zinc	66	0.40	8.1	79.2	EDB	10	09/28/06 18:28

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

GPL Laboratories, LLLP

Sample Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	S 609054-006-005-1/3	Percent Moisture:	0.0
Client Sample ID:	NWO-017-5001	Prep Batch:	93919
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	0.0095	0.033	0.067		1	09/23/06 18:52

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-007-002-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0018R	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.071	1.8	13.5	D	10	09/27/06 22:54

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-008-003-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0018FDR	Prep Batch:	93951
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.069	1.8	13.8	D	10	09/27/06 23:00

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

GPL Laboratories, LLLP

Sample Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	S 609054-009-004-1/1	Percent Moisture:	0.0
Client Sample ID:	NWO-017-0017R	Prep Batch:	93952
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.068	1.7	29.1	D	10	09/28/06 19:54

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

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/27/2006 4:29:02 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	503.10	101						
Antimony	40.0	41.86	105						
Barium	40.0	41.31	103						
Chromium	40.0	38.80	97						
Cobalt	40.0	40.01	100						
Copper	40.0	40.74	102						
Iron	500.0	524.93	105						
Lead	40.0	40.42	101						
Magnesium	5000.0	4864.33	97						
Manganese	40.0	40.55	101						
Molybdenum	40.0	40.52	101						
Nickel	40.0	41.31	103						
Strontium	40.0	41.17	103						
Titanium	40.0	40.66	102						
Zinc	40.0	40.85	102						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(LiBCd) 9/27/2006 4:34:11 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.90	97						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/28/2006 5:09:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	511.20	102						
Antimony	40.0	41.55	104						
Arsenic	40.0	40.95	102						
Barium	40.0	41.82	105						
Beryllium	4.0	4.37	109						
Calcium	5000.0	5058.67	101						
Chromium	40.0	39.06	98						
Cobalt	40.0	41.08	103						
Copper	40.0	40.74	102						
Iron	500.0	528.27	106						
Lead	40.0	40.55	101						
Magnesium	5000.0	5113.33	102						
Manganese	40.0	41.40	104						
Molybdenum	40.0	40.55	101						
Nickel	40.0	41.49	104						
Potassium	5000.0	4989.33	100						
Selenium	40.0	41.01	103						
Silver	40.0	40.88	102						
Sodium	5000.0	5178.33	104						
Strontium	40.0	41.20	103						
Thallium	40.0	42.56	106						
Titanium	40.0	41.08	103						
Vanadium	40.0	41.29	103						
Zinc	40.0	41.79	104						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(CD) 9/28/2006 5:15:01 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.82	96						

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 9/23/2006 4:06:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.27	109						

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/27/2006 4:44:24 PM		CCV2 9/27/2006 5:53:10 PM		CCV3 9/27/2006 7:13:10 PM		CCV4 9/27/2006 8:32:59 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5049.67	101	4929.33	99	5007.00	100	5036.67	101
Antimony	50.0	49.87	100	51.46	103	51.21	102	51.30	103
Barium	50.0	48.89	98	49.65	99	49.80	100	49.18	98
Cadmium	50.0	48.92	98	49.26	99	50.15	100	49.55	99
Chromium	50.0	48.71	97	49.81	100	49.17	98	49.47	99
Cobalt	50.0	47.97	96	48.00	96	48.18	96	48.17	96
Copper	50.0	49.12	98	50.15	100	50.01	100	49.71	99
Iron	5000.0	5016.33	100	4979.67	100	5067.00	101	5058.33	101
Lead	50.0	49.13	98	49.31	99	49.39	99	49.36	99
Magnesium	10000.0	9857.00	99	9602.00	96	9746.33	97	9777.00	98
Manganese	50.0	48.60	97	48.26	97	48.79	98	48.47	97
Molybdenum	50.0	49.87	100	50.29	101	51.07	102	50.50	101
Nickel	50.0	49.04	98	49.46	99	49.25	99	49.88	100
Strontium	50.0	49.96	100	49.96	100	50.22	100	50.50	101
Titanium	50.0	48.86	98	48.50	97	48.75	98	49.67	99
Zinc	50.0	48.00	96	49.05	98	49.66	99	49.51	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/27/2006 9:52:57 PM		CCV6 9/27/2006 11:06:42 PM					
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5024.33	100	5116.67	102				
Antimony	50.0	51.48	103	51.50	103				
Barium	50.0	50.08	100	50.31	101				
Cadmium	50.0	49.65	99	50.04	100				
Chromium	50.0	49.31	99	50.16	100				
Cobalt	50.0	48.30	97	48.58	97				
Copper	50.0	49.58	99	50.58	101				
Iron	5000.0	5067.00	101	5121.67	102				
Lead	50.0	49.46	99	49.17	98				
Magnesium	10000.0	9836.67	98	9987.00	100				
Manganese	50.0	48.68	97	48.76	98				
Molybdenum	50.0	50.43	101	50.79	102				
Nickel	50.0	49.72	99	50.54	101				
Strontium	50.0	50.48	101	50.68	101				
Titanium	50.0	48.65	97	49.40	99				
Zinc	50.0	49.82	100	49.49	99				

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/28/2006 5:27:16 PM		CCV2 9/28/2006 6:10:04 PM		CCV3 9/28/2006 7:23:38 PM		CCV4 9/28/2006 8:37:16 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4985.67	100	4990.00	100	5089.33	102	5142.67	103
Antimony	50.0	50.25	101	50.35	101	50.76	102	50.30	101
Arsenic	50.0	48.77	98	49.05	98	48.59	97	49.64	99
Barium	50.0	48.63	97	48.38	97	48.92	98	48.78	98
Beryllium	5.0	4.98	100	4.88	98	4.84	97	4.79	96
Cadmium	50.0	49.46	99	49.11	98	49.62	99	50.21	100
Calcium	10000.0	9851.33	99	9894.33	99	9842.67	98	9836.00	98
Chromium	50.0	48.18	96	48.20	96	47.87	96	48.29	97
Cobalt	50.0	48.37	97	49.03	98	49.28	99	49.38	99
Copper	50.0	48.37	97	48.90	98	49.30	99	49.15	98
Iron	5000.0	5035.00	101	5021.33	100	5103.33	102	5192.33	104
Lead	50.0	48.89	98	49.07	98	48.95	98	48.81	98
Magnesium	10000.0	9499.33	95	9478.33	95	9568.00	96	10051.00	101
Manganese	50.0	48.91	98	49.03	98	49.04	98	49.80	100
Molybdenum	50.0	49.77	100	51.01	102	49.24	98	49.20	98
Nickel	50.0	48.85	98	49.11	98	49.74	99	49.23	98
Potassium	10000.0	9503.00	95	9471.67	95	9610.00	96	9806.67	98
Selenium	50.0	47.68	95	47.83	96	46.50	93	48.90	98
Silver	50.0	49.57	99	49.67	99	49.57	99	49.71	99
Sodium	10000.0	9605.33	96	9574.00	96	9730.00	97	10086.67	101
Strontium	50.0	49.79	100	49.28	99	48.85	98	49.37	99
Thallium	50.0	47.87	96	49.16	98	47.97	96	48.33	97
Titanium	50.0	49.72	99	49.64	99	49.63	99	49.62	99
Vanadium	50.0	49.41	99	49.07	98	49.86	100	49.06	98
Zinc	50.0	49.23	98	49.73	99	50.17	100	49.57	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 9/23/2006 4:13:25 PM		Ck5 CCV2 9/23/2006 4:40:18 PM		Ck5 CCV3 9/23/2006 5:09:05 PM		Ck5 CCV4 9/23/2006 5:38:17 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	4.86	97	4.76	95	4.60	92	5.18	104

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV5 9/23/2006 6:11:55 PM		Ck5 CCV6 9/23/2006 6:39:21 PM		Ck5 CCV7 9/23/2006 7:05:42 PM			
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.26	105	5.24	105	5.25	105		

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/27/2006 4:54:41 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	96.57	97						
Antimony	1.0	1.13	113						
Barium	5.0	5.10	102						
Cadmium	0.5	0.52	105						
Chromium	2.0	2.20	110						
Cobalt	1.0	0.99	99						
Copper	2.0	2.17	108						
Iron	50.0	48.20	96						
Lead	2.0	1.94	97						
Magnesium	100.0	96.67	97						
Manganese	2.0	2.00	100						
Molybdenum	5.0	5.03	101						
Nickel	1.0	1.13	113						
Strontium	2.0	2.01	100						
Titanium	2.0	1.90	95						
Zinc	10.0	10.20	102						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/28/2006 5:39:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.87	103						
Antimony	1.0	1.10	110						
Arsenic	5.0	4.90	98						
Barium	5.0	5.36	107						
Beryllium	0.2	0.20	99						
Cadmium	0.5	0.51	101						
Calcium	1000.0	1016.67	102						
Chromium	2.0	1.61	81						
Cobalt	1.0	1.02	102						
Copper	2.0	2.12	106						
Iron	50.0	43.30	87						
Lead	2.0	1.96	98						
Magnesium	100.0	95.56	96						
Manganese	2.0	1.98	99						
Molybdenum	5.0	5.05	101						
Nickel	1.0	1.11	111						
Potassium	1000.0	944.87	94						
Selenium	5.0	5.51	110						
Silver	0.3	0.32	106						
Sodium	1000.0	929.60	93						
Strontium	2.0	1.96	98						
Thallium	2.0	1.91	96						
Titanium	2.0	2.06	103						
Vanadium	10.0	10.34	103						
Zinc	10.0	9.95	99						

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck4 CRA 9/23/2006 4:11:06 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.19	94						

GPL Laboratories, LLLP

Initial Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/27/2006 4:39:18 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	0.69	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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/28/2006 5:21:09 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	0.28	U						
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:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 9/23/2006 4:09:00 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U						

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	BLK93951	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93951
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	2.7	UED	10	09/27/06 18:05
Antimony	121	0.17	1.0	0.17	UND	10	09/27/06 18:05
Barium	137	0.23	5.0	0.23	UND	10	09/27/06 18:05
Cadmium	110	0.14	0.50	0.14	UD	10	09/27/06 18:05
Chromium	52	0.28	2.0	0.86	JED	10	09/27/06 18:05
Cobalt	59	0.017	0.50	0.017	UED	10	09/27/06 18:05
Copper	65	0.20	2.0	0.20	UND	10	09/27/06 18:05
Iron	56	3.2	50.0	3.2	UED	10	09/27/06 18:05
Lead	208	0.079	2.0	0.079	UD	10	09/27/06 18:05
Magnesium	25	1.8	100	1.8	UD	10	09/27/06 18:05
Manganese	55	0.057	2.0	0.057	UED	10	09/27/06 18:05
Molybdenum	95	0.29	5.0	0.29	UND	10	09/27/06 18:05
Nickel	60	0.088	1.0	0.088	UNED	10	09/27/06 18:05
Strontium	88	0.092	2.0	0.092	UD	10	09/27/06 18:05
Titanium	47	0.30	2.0	0.30	UD	10	09/27/06 18:05
Zinc	66	0.49	10.0	0.49	UED	10	09/27/06 18:05

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054	Matrix:	Soil
Lab Sample ID:	BLK93952	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93952
Analysis Method:		Reporting Units:	mg/kg

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.079	2.0	0.079	UD	10	09/28/06 19:42

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609054HG	Matrix:	Soil
Lab Sample ID:	BLK93919	Percent Moisture:	0.0
Client Sample ID:	NA	Prep Batch:	93919
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	09/23/06 17:55

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

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/27/2006 4:49:34 PM		CCB2 9/27/2006 5:59:21 PM		CCB3 9/27/2006 7:19:21 PM		CCB4 9/27/2006 8:39:07 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	0.42	J	0.28	U	0.28	U	0.42	J
Cobalt	0.50	0.02	U	0.02	U	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	0.06	U
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	0.30	U	0.30	U	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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/27/2006 9:59:05 PM		CCB6 9/27/2006 11:12:53 PM					
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	3.25	J				
Antimony	1.00	0.17	U	0.17	U				
Barium	5.00	0.23	U	0.23	U				
Cadmium	0.50	0.14	U	0.14	U				
Chromium	2.00	0.60	J	0.42	J				
Cobalt	0.50	0.02	U	0.02	J				
Copper	2.00	0.20	U	0.20	U				
Iron	50.00	3.30	J	7.48	J				
Lead	2.00	0.08	U	0.08	U				
Magnesium	100.00	1.80	U	4.40	J				
Manganese	2.00	0.06	U	0.12	J				
Molybdenum	5.00	0.29	U	0.29	U				
Nickel	1.00	0.09	U	0.09	U				
Strontium	2.00	0.09	U	0.09	U				
Titanium	2.00	0.30	U	0.30	U				
Zinc	10.00	0.49	U	0.49	U				

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/28/2006 5:33:24 PM		CCB2 9/28/2006 6:16:12 PM		CCB3 9/28/2006 7:29:47 PM		CCB4 9/28/2006 8:43:26 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	2.70	U	2.70	U	2.70	U	6.12	J
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	5.60	U	5.60	U
Chromium	2.00	0.28	U	0.28	U	0.28	U	0.28	U
Cobalt	0.50	0.02	U	0.02	U	0.02	U	0.03	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	3.20	U	7.32	J
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	3.63	J
Manganese	2.00	0.06	U	0.06	U	0.06	U	0.42	J
Molybdenum	5.00	0.29	U	0.44	J	0.29	U	0.29	U
Nickel	1.00	0.09	U	0.09	U	0.09	U	0.09	U
Potassium	1000.00	2.00	U	2.00	U	2.00	U	3.95	J
Selenium	5.00	0.97	U	0.97	U	0.97	U	0.97	U
Silver	0.30	0.02	U	0.02	U	0.02	U	0.02	J
Sodium	1000.00	9.40	U	9.40	U	9.40	U	9.40	U
Strontium	2.00	0.09	U	0.09	U	0.09	U	0.09	U
Thallium	2.00	0.23	J	0.37	J	0.32	J	0.21	J
Titanium	2.00	0.30	U	0.30	U	0.30	U	0.43	J
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:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 9/23/2006 4:15:31 PM		Ck6 CCB2 9/23/2006 4:42:27 PM		Ck6 CCB3 9/23/2006 5:11:21 PM		Ck6 CCB4 9/23/2006 5:40:29 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.06	U	0.06	U	0.06	U	0.06	U

GPL Laboratories, LLLP

Continuing Calibration Blanks

Project:	609054HG	Instrument:	7471H
Units:	ug/L	Data File Name:	HG0609023.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB5 9/23/2006 6:14:06 PM		Ck6 CCB6 9/23/2006 6:41:31 PM		Ck6 CCB7 9/23/2006 7:08:08 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:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060927MS.csv
Standard Source:	H.P. / AB. ST.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/27/06 17:05	%R	ICSAB 09/27/06 17:10	%R		%R		%R
Aluminum	100		100000	102000	102	98200	98				
Antimony	1		20	0.19		18.2	91				
Barium	5		20	0.52		20.6	103				
Cadmium	0.5		20	-0.052		16.9	84				
Chromium	2		20	1.4		20.2	101				
Cobalt	0.5		20	-0.017		18.3	91				
Copper	2		20	0.76		17.6	88				
Iron	50		250000	254000	102	247000	99				
Lead	2		20	0.13		21.1	105				
Magnesium	100		100000	97000	97	94200	94				
Manganese	2		20	-0.046		18.7	93				
Molybdenum	5		2000	2160	108	2120	106				
Nickel	1		20	-0.0033		17.9	89				
Strontium	2		20	4.6		25.6	128				
Titanium	2		2000	2120		2070	103				
Zinc	10		20	1.4		17.1	85				

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Interference Check Standards

Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P./AB.ST.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/28/06 17:45	%R	ICSAB 09/28/06 17:51	%R		%R		%R
Aluminum	100		100000	98700	99	98900	99				
Antimony	1		20	0.19		18.5	92				
Arsenic	5		20	0.94		18.7	93				
Barium	5		20	0.54		20.0	100				
Beryllium	0.2		20	-0.0070		16.9	84				
Cadmium	0.5		20	0.12		17.1	85				
Calcium	1000		300000	314000	105	314000	105				
Chromium	2		20	0.57		19.1	95				
Cobalt	0.5		20	0.081		18.2	91				
Copper	2		20	0.67		17.1	86				
Iron	50		250000	246000	99	246000	98				
Lead	2		20	0.13		20.4	102				
Magnesium	100		100000	96400	96	93400	93				
Manganese	2		20	0.061		18.8	94				
Molybdenum	5		2000	1990	100	1970	99				
Nickel	1		20	0.27		17.4	87				
Potassium	1000		100000	98500	99	97600	98				
Selenium	5		20	1.1		16.4	82				
Silver	0.3		20	0.11		17.3	86				
Sodium	1000		250000	253000	101	246000	98				
Strontium	2		20	4.2		24.3	121				
Thallium	2		20	0.17		20.2	101				
Titanium	2		2000	2070		2070	103				
Vanadium	10		20	-0.14		19.1	96				
Zinc	10		20	1.6		17.6	88				

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Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:34		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	66826.77		53981.03		787.40	1631
Antimony	1.29		0.14	U	7.87	16
Arsenic	7.28		0.95	J	7.87	80
Barium	224.91		126.99		78.74	124
Beryllium	3.88		0.53		3.94	85
Cadmium	9.19		0.60		7.87	109
Calcium	7034.65		5771.27		787.40	160
Chromium	297.56		243.25		39.37	138
Cobalt	120.71		80.57		39.37	102
Iron	91076.12		83143.63		787.40	1007
Lead	91.08		3.46		78.74	111
Magnesium	17758.53		15314.36		787.40	310
Manganese	2633.60		2399.19		78.74	298
Molybdenum	29.70		0.33	J	39.37	75
Nickel	147.17		96.80		39.37	128
Potassium	1351.71		572.11	J	787.40	99
Selenium	7.40		0.94	J	7.87	82
Silver	8.42		0.09	J	7.87	106
Sodium	1313.91		411.46	J	787.40	115
Strontium	117.24		36.65		78.74	102
Thallium	8.78		0.17	J	7.87	109
Vanadium	375.35		319.46		39.37	142
Zinc	153.57		79.22		78.74	94

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Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:05		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	203.62		133.07		39.37	179
Titanium	6695.54		5693.22		157.48	636

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Matrix Spike Recovery

Client ID:	NWO-017-5001 MS	Lab Sample ID:	SP609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:54	Sample Result 09/23/06 18:52	Spike Added	%R
Mercury	0.58	0.07	0.47	111

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Matrix Spike Recovery

Client ID:	NWO-011-0010 MS	Lab Sample ID:	SP609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 20:06	Sample Result 09/28/06 20:00	Spike Added	%R
Lead	122.25	34.14	83.33	106

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:40		Sample Result 09/28/06 18:28		Spike Added	%R
Aluminum	65937.98		53981.03		775.19	1542
Antimony	1.29		0.14	U	7.75	17
Arsenic	7.09		0.95	J	7.75	79
Barium	229.17		126.99		77.52	132
Beryllium	3.72		0.53		3.88	82
Cadmium	8.49		0.60		7.75	102
Calcium	7143.67		5771.27		775.19	177
Chromium	282.48		243.25		38.76	101
Cobalt	116.64		80.57		38.76	93
Iron	88863.05		83143.63		775.19	738
Lead	86.36		3.46		77.52	107
Magnesium	17695.09		15314.36		775.19	307
Manganese	2499.48		2399.19		77.52	129
Molybdenum	28.65		0.33	J	38.76	73
Nickel	142.76		96.80		38.76	119
Potassium	1318.86		572.11	J	775.19	96
Selenium	6.90		0.94	J	7.75	77
Silver	7.99		0.09	J	7.75	102
Sodium	1453.49		411.46	J	775.19	134
Strontium	115.99		36.65		77.52	102
Thallium	8.51		0.17	J	7.75	108
Vanadium	364.99		319.46		38.76	117
Zinc	150.10		79.22		77.52	91

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:11		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	182.12		133.07		38.76	127
Titanium	6025.84		5693.22		155.04	215

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Matrix Spike Duplicate Recovery

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 18:56		Sample Result 09/23/06 18:52		Spike Added	%R
Mercury	0.58		0.07		0.47	110

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Matrix Spike Duplicate Recovery

Client ID:	NWO-011-0010 MSD	Lab Sample ID:	SD609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 20:12		Sample Result 09/28/06 20:00		Spike Added	%R
Lead	115.08		34.14		80.65	100

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Post Digestion Spike Recovery

Client ID:	NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 18:46		Sample Result 09/28/06 18:28		Spike Added	%R
Antimony	79.74		0.17	U	80	100
Arsenic	69.52		1.17	J	80	85
Barium	171.10		156.20		20	75
Molybdenum	30.06		0.41	J	30	99
Nickel	148.90		119.07		40	75
Selenium	60.39		1.16	J	70	85
Sodium	5378.33		506.10	J	5000	97

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Post Digestion Spike Recovery

Client ID:	NWO-017-5001	Lab Sample ID:	PS609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:17		Sample Result 09/28/06 18:59		Spike Added	%R
Copper	106.47		81.84		30	82

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Duplicates RPD

Client ID:	NWO-011-0010 MSD	Lab Sample ID:	SD609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv

Analyte	Matrix Spike ~~Original~~ Sample Results AA 10-23		Matrix Spike Duplicate Sample Results		RPD	Control Limit	Q
Lead	122.25		115.08		6	20	D

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Duplicates RPD

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	mg/kg	Data File Name:	060928MS.csv

Analyte	Matrix Spike ~~Original~~ Sample Results RM 10-23		Matrix Spike ~~Duplicate Sample~~ Results		RPD	Control Limit	Q
Aluminum	66826.77		65937.98		1	20	ED
Antimony	1.29		1.29		0	20	ND
Arsenic	7.28		7.09		3	20	ND
Barium	224.91		229.17		2	20	ND
Beryllium	3.88		3.72		4	20	D
Cadmium	9.19		8.49		8	20	D
Calcium	7034.65		7143.67		2	20	ED
Chromium	297.56		282.48		5	20	ED
Cobalt	120.71		116.64		3	20	ED
Copper	203.62		182.12		11	20	ND
Iron	91076.12		88863.05		2	20	ED
Lead	91.08		86.36		5	20	D
Magnesium	17758.53		17695.09		0	20	D
Manganese	2633.60		2499.48		5	20	ED
Molybdenum	29.70		28.65		4	20	ND
Nickel	147.17		142.76		3	20	NED
Potassium	1351.71		1318.86		2	20	D
Selenium	7.40		6.90		7	20	ND
Silver	8.42		7.99		5	20	D
Sodium	1313.91		1453.49		10	20	ND
Strontium	117.24		115.99		1	20	D
Thallium	8.78		8.51		3	20	D
Titanium	6695.54		6025.84		11	20	D
Vanadium	375.35		364.99		3	20	D
Zinc	153.57		150.10		2	20	ED

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Duplicates RPD

Client ID:	NWO-017-5001 MSD	Lab Sample ID:	SD609054-006-005-1/3
Project:	609054HG	Instrument:	7471H
Units:	mg/kg	Data File Name:	HG0609023.PRN

Analyte	Matrix Spike ~~Original~~ Sample Results RA 10-23		Matrix Spike Duplicate Sample Results		RPD	Control Limit	Q
Mercury	0.58		0.58		1	20	

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Laboratory Control Sample

Project:	609054	Lab Sample ID:	BKS93951
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060927MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/27/06 18:11	Spike Added	%R
Aluminum	1060.00	1000.00	106
Antimony	10.52	10.00	105
Barium	111.13	100.00	111
Cadmium	11.00	10.00	110
Chromium	55.21	50.00	110
Cobalt	53.70	50.00	107
Copper	55.84	50.00	112
Iron	1086.33	1000.00	109
Lead	108.07	100.00	108
Magnesium	1053.00	1000.00	105
Manganese	107.47	100.00	107
Molybdenum	52.80	50.00	106
Nickel	55.32	50.00	111
Strontium	110.53	100.00	111
Titanium	204.43	200.00	102
Zinc	107.60	100.00	108

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Laboratory Control Sample

Project:	609054	Lab Sample ID:	BKS93952
Units:	mg/kg	Instrument:	3050X
		Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 19:48	Spike Added	%R
Lead	103.23	100.00	103

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Laboratory Control Sample

Project:	609054HG	Lab Sample ID:	BKS93919
Units:	mg/kg	Instrument:	7471H
		Data File Name:	HG0609023.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 09/23/06 17:57	Spike Added	%R
Mercury	0.49	0.50	98

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Serial Dilutions

Client ID:	NWO-011-0010	Lab Sample ID:	SE609069-001-013-1/6
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 20:00	Serial Dilution Result 09/28/06 20:24	Percent Difference	Flag
Lead	40.28	36.67	9	

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Serial Dilutions

Client ID:	NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:28		Serial Dilution Result 09/28/06 18:52		Percent Difference	Flag
Aluminum	66396.67		74883.33		13	E
Antimony	0.17	U	0.85	U		
Arsenic	1.17	J	3.05	U	100	
Barium	156.20		154.90		1	
Beryllium	0.66		0.69	J	6	
Cadmium	0.73		0.74	J	0	
Calcium	7098.67		8225.00		16	E
Chromium	299.20		350.28		17	E
Cobalt	99.10		111.17		12	E
Iron	102266.67		112883.33		10	E
Lead	4.26		4.19	J	2	
Magnesium	18836.67		18915.00		0	
Manganese	2951.00		3254.00		10	E
Molybdenum	0.41	J	1.45	U	100	
Nickel	119.07		137.22		15	E
Potassium	703.70	J	728.67	J	4	
Selenium	1.16	J	4.85	U	100	
Silver	0.11	J	0.12	J	1	
Sodium	506.10	J	470.97	J	7	
Strontium	45.08		47.56		6	
Thallium	0.21	J	1.53	J	627	
Vanadium	392.93		430.87		10	
Zinc	97.44		122.88		26	E

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Serial Dilutions

Client ID:	NWO-017-5001	Lab Sample ID:	SE609054-006-005-1/3
Project:	609054	Instrument:	3050X
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 18:59		Serial Dilution Result 09/28/06 19:35		Percent Difference	Flag
Copper	81.84		84.52		3	
Titanium	3501.33		3690.17		5	

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Detection Limits

Project: 609054 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: 609054HG 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: 609054 Instrument: 3050X

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR
Aluminum	27	110000	~~04/14/06~~ 9/28/06
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

RA 10-22

GPL Laboratories, LLLP

Preparation Log

Project: 609054 Instrument: 3050X

Prep Method: Batch Number: 93951

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93951	BLK93951	09/21/2006	1.00	100
BKS93951	BKS93951	09/21/2006	1.00	100
S 609054-001-001-1/1	NWO-017-0013	09/21/2006	1.13	100
S 609054-008-003-1/1	NWO-017-0018FDR	09/21/2006	1.14	100
S 609054-007-002-1/1	NWO-017-0018R	09/21/2006	1.12	100
S 609054-004-012-1/2	NWO-017-0039R	09/21/2006	1.25	100
S 609054-005-014-1/2	NWO-017-0040R	09/21/2006	1.12	100
S 609054-003-010-1/2	NWO-017-1009R	09/21/2006	1.22	100
S 609054-002-008-1/2	NWO-017-1010R	09/21/2006	1.21	100
S 609054-006-005-1/3	NWO-017-5001	09/21/2006	1.23	100
SP609054-006-005-1/3	NWO-017-5001 MS	09/21/2006	1.27	100
SD609054-006-005-1/3	NWO-017-5001 MSD	09/21/2006	1.29	100

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Preparation Log

Project:	609054	Instrument:	3050X
Prep Method:		Batch Number:	93952

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93952	BLK93952	09/21/2006	1.00	100
BKS93952	BKS93952	09/21/2006	1.00	100
S 609069-001-013-1/6	NWO-011-0010	09/21/2006	1.18	100
SP609069-001-013-1/6	NWO-011-0010 MS	09/21/2006	1.20	100
S 609054-009-004-1/1	NWO-017-0017R	09/21/2006	1.17	100
SD609069-001-013-1/6	NWO-011-0010 MSD	09/21/2006	1.24	100

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Preparation Log

Project:	609054HG	Instrument:	7471H
Prep Method:		Batch Number:	93919

Lab Sample ID	Client ID	Preparation Date	Initial Weight (grams)	Final Volume (ml)
BLK93919	BLK93919	09/22/2006	0.60	100
BKS93919	BKS93919	09/22/2006	0.60	100
S 609054-004-012-1/2	NWO-017-0039R	09/22/2006	0.68	100
S 609054-005-014-1/2	NWO-017-0040R	09/22/2006	0.64	100
S 609054-003-010-1/2	NWO-017-1009R	09/22/2006	0.81	100
S 609054-002-008-1/2	NWO-017-1010R	09/22/2006	0.64	100
S 609054-006-005-1/3	NWO-017-5001	09/22/2006	0.61	100
SP609054-006-005-1/3	NWO-017-5001 MS	09/22/2006	0.64	100
SD609054-006-005-1/3	NWO-017-5001 MSD	09/22/2006	0.65	100

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Analysis Run Log

Project: 609054 Instrument: 3050X

Data File Name: 060927MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/27/06	3:37 PM
STD1		09/27/06	3:58 PM
STD2		09/27/06	4:03 PM
STD3		09/27/06	4:08 PM
STD4		09/27/06	4:13 PM
STD5		09/27/06	4:18 PM
STD6		09/27/06	4:23 PM
ICV		09/27/06	4:29 PM
ICV(LiBCd)		09/27/06	4:34 PM
ICB		09/27/06	4:39 PM
CCV1		09/27/06	4:44 PM
CCB1		09/27/06	4:49 PM
PQL		09/27/06	4:54 PM
ICSA		09/27/06	5:05 PM
ICSAB		09/27/06	5:10 PM
CCV2		09/27/06	5:53 PM
CCB2		09/27/06	5:59 PM
BLK93951	BLK93951	09/27/06	6:05 PM
BKS93951	BKS93951	09/27/06	6:11 PM
CCV3		09/27/06	7:13 PM
CCB3		09/27/06	7:19 PM
S 609054-001-001-1/1	NWO-017-0013	09/27/06	8:20 PM
CCV4		09/27/06	8:32 PM
CCB4		09/27/06	8:39 PM
S 609054-001-001-1/1	NWO-017-0013	09/27/06	8:45 PM
S 609054-003-010-1/2	NWO-017-1009R	09/27/06	8:57 PM
S 609054-003-010-1/2	NWO-017-1009R	09/27/06	9:03 PM
S 609054-004-012-1/2	NWO-017-0039R	09/27/06	9:09 PM
S 609054-004-012-1/2	NWO-017-0039R	09/27/06	9:16 PM
S 609054-005-014-1/2	NWO-017-0040R	09/27/06	9:22 PM
S 609054-005-014-1/2	NWO-017-0040R	09/27/06	9:28 PM
CCV5		09/27/06	9:52 PM
CCB5		09/27/06	9:59 PM
S 609054-007-002-1/1	NWO-017-0018R	09/27/06	10:54 PM
S 609054-008-003-1/1	NWO-017-0018FDR	09/27/06	11:00 PM
CCV6		09/27/06	11:06 PM
CCB6		09/27/06	11:12 PM

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Analysis Run Log

Project: 609054 Instrument: 3050X

Data File Name: 060928MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/28/06	4:34 PM
STD1		09/28/06	4:39 PM
STD2		09/28/06	4:44 PM
STD3		09/28/06	4:49 PM
STD4		09/28/06	4:54 PM
STD5		09/28/06	4:59 PM
STD6		09/28/06	5:04 PM
ICV		09/28/06	5:09 PM
ICV(CD)		09/28/06	5:15 PM
ICB		09/28/06	5:21 PM
CCV1		09/28/06	5:27 PM
CCB1		09/28/06	5:33 PM
PQL		09/28/06	5:39 PM
ICSA		09/28/06	5:45 PM
ICSAB		09/28/06	5:51 PM
CCV2		09/28/06	6:10 PM
CCB2		09/28/06	6:16 PM
S 609054-002-008-1/2	NWO-017-1010R	09/28/06	6:22 PM
S 609054-006-005-1/3	NWO-017-5001	09/28/06	6:28 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/28/06	6:34 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/28/06	6:40 PM
PS609054-006-005-1/3	NWO-017-5001	09/28/06	6:46 PM
SE609054-006-005-1/3	NWO-017-5001	09/28/06	6:52 PM
S 609054-006-005-1/3	NWO-017-5001	09/28/06	6:59 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/28/06	7:05 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/28/06	7:11 PM
PS609054-006-005-1/3	NWO-017-5001	09/28/06	7:17 PM
CCV3		09/28/06	7:23 PM
CCB3		09/28/06	7:29 PM
SE609054-006-005-1/3	NWO-017-5001	09/28/06	7:35 PM
BLK93952	BLK93952	09/28/06	7:42 PM
BKS93952	BKS93952	09/28/06	7:48 PM
S 609054-009-004-1/1	NWO-017-0017R	09/28/06	7:54 PM
S 609069-001-013-1/6	NWO-011-0010	09/28/06	8:00 PM
SP609069-001-013-1/6	NWO-011-0010 MS	09/28/06	8:06 PM
SD609069-001-013-1/6	NWO-011-0010 MSD	09/28/06	8:12 PM
SE609069-001-013-1/6	NWO-011-0010	09/28/06	8:24 PM
CCV4		09/28/06	8:37 PM
CCB4		09/28/06	8:43 PM

URIT Version 4.3.4 SW846

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Analysis Run Log

Project: 609054HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		09/23/06	3:06 PM
Std01Rep2		09/23/06	3:08 PM
Std01Rep3		09/23/06	3:11 PM
Std02Rep1		09/23/06	3:14 PM
Std02Rep2		09/23/06	3:16 PM
Std02Rep3		09/23/06	3:18 PM
Std03Rep1		09/23/06	3:20 PM
Std03Rep2		09/23/06	3:22 PM
Std03Rep3		09/23/06	3:25 PM
Std04Rep1		09/23/06	3:27 PM
Std04Rep2		09/23/06	3:29 PM
Std04Rep3		09/23/06	3:31 PM
Std05Rep1		09/23/06	3:33 PM
Std05Rep2		09/23/06	3:36 PM
Std05Rep3		09/23/06	3:38 PM
Std06Rep1		09/23/06	3:40 PM
Std06Rep2		09/23/06	3:42 PM
Std06Rep3		09/23/06	3:44 PM
Ck2 ICV		09/23/06	4:06 PM
Ck3 ICB		09/23/06	4:09 PM
Ck4 CRA		09/23/06	4:11 PM
Ck5 CCV1		09/23/06	4:13 PM
Ck6 CCB1		09/23/06	4:15 PM
Ck5 CCV2		09/23/06	4:40 PM
Ck6 CCB2		09/23/06	4:42 PM
Ck5 CCV3		09/23/06	5:09 PM
Ck6 CCB3		09/23/06	5:11 PM
Ck5 CCV4		09/23/06	5:38 PM
Ck6 CCB4		09/23/06	5:40 PM
BLK93919	BLK93919	09/23/06	5:55 PM
BKS93919	BKS93919	09/23/06	5:57 PM
Ck5 CCV5		09/23/06	6:11 PM
Ck6 CCB5		09/23/06	6:14 PM
Ck5 CCV6		09/23/06	6:39 PM
Ck6 CCB6		09/23/06	6:41 PM
S 609054-002-008-1/2	NWO-017-1010R	09/23/06	6:43 PM
S 609054-003-010-1/2	NWO-017-1009R	09/23/06	6:45 PM
S 609054-004-012-1/2	NWO-017-0039R	09/23/06	6:48 PM
S 609054-005-014-1/2	NWO-017-0040R	09/23/06	6:50 PM

GPL Laboratories, LLLP

Analysis Run Log

Project: 609054HG

Instrument: 7471H

Data File Name: HG0609023.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
S 609054-006-005-1/3	NWO-017-5001	09/23/06	6:52 PM
SP609054-006-005-1/3	NWO-017-5001 MS	09/23/06	6:54 PM
SD609054-006-005-1/3	NWO-017-5001 MSD	09/23/06	6:56 PM
Ck5 CCV7		09/23/06	7:05 PM
Ck6 CCB7		09/23/06	7:08 PM

Analytical Report For 609089

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

Three water samples were received on 09/16/2006. 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 Analyses

One water sample was extracted and analyzed for PETN using the modified SW846 method 8330A.

All extraction and analysis holding times were met.

All surrogate recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analysis were not performed due to insufficient volume of sample, instead two LCS's were extracted and analyzed with the batch. The percent recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed with the batch. The percent recovery was within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Explosives

One water sample was 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 not done due to insufficient sample volume, instead, duplicate laboratory control samples were extracted and analyzed with the batch. Percent recoveries for 1,3,5-trinitrobenzene and HMX was slightly below the QC limits in both the BKS93852 and the BKSD93852.

The recovery of Nitroglycerine was within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Metals

One water sample was analyzed for aluminum, antimony, barium, cadmium, chromium, copper, cobalt, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, strontium, titanium and zinc; two water samples for lead only; by EPA SW846 methods. The samples were analyzed by ICPMS in order to meet the required reporting limits.

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.

A matrix spike, matrix spike duplicate, and serial dilutions were shared with GPL work order 609088-001 for all ICPMS analytes. They were within the control limits.

A matrix spike and matrix spike duplicate were shared with GPL work order 609112-005 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.

Subcontract Analysis

Samples were sent to an approved GPL subcontract laboratory for perchlorates by Method 8321. The complete package has been included for your review.

Pat Wickham

Reviewed By,

Project Manager

Approved By,

Laboratory Director

Sample Summary Report

Shaw E&I, Inc

Work Order: 609089

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
NWO-017-3003	609089-001-001-1/1	SW6020	WATER	09/12/2006	09/16/2006
NWO-017-3004	609089-002-002-1/1	SW6020	WATER	09/12/2006	09/16/2006
NWO-017-3008	609089-003-006-1/2	SW8330	WATER	09/13/2006	09/16/2006
	609089-003-008-1/2	SW8330			
	609089-003-010-1/2	SW8330A			
	609089-003-012-1/1	SW6020_MM			
	609089-003-012-1/1	SW7470A			

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3003	Lab Sample ID:	609089-001-001-1/1
Sample Date/Time:	09/12/2006 16:15	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	SW3010A
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time
1)	Lead	0.46	J	2	1	ug/L	09/28/06 22:46

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3004	Lab Sample ID:	609089-002-002-1/1
Sample Date/Time:	09/12/2006 16:15	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	SW3010A
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Lead	0.36	J	2	1	ug/L	09/28/06	22:52

Analytical Summary Report

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3008	Lab Sample ID:	609089-003-006-1/2
Sample Date/Time:	09/13/2006 17:20	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/20/2006 13:42	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Pentaerythritol Tetranitrate	BQL	U	1.1	1	ug/L	09/26/06	16:50

#	Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
2)	4-Nitroaniline	89 %	37 - 149	1	09/26/06	16:50

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3008	Lab Sample ID:	609089-003-008-1/2
Sample Date/Time:	09/13/2006 17:20	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	EXT_SW8330
Prepared Date/Time:	09/20/2006 13:45	Analytical Method:	SW8330

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Nitroglycerine	BQL	U	21	1	ug/L	09/28/06	13:41

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3008	Lab Sample ID:	609089-003-010-1/2
Sample Date/Time:	09/13/2006 17:20	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	SW3535
Prepared Date/Time:	09/20/2006 00:00	Analytical Method:	SW8330A

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	BQL	U	0.21	1	ug/L	09/28/06	13:41
2) 1,3-Dinitrobenzene	BQL	U	0.21	1	ug/L	09/28/06	13:41
3) 2,4,6-Trinitrotoluene	BQL	U	0.21	1	ug/L	09/28/06	13:41
4) 2,4-Dinitrotoluene	BQL	U	0.21	1	ug/L	09/28/06	13:41
5) 2,6-Dinitrotoluene	BQL	U	0.21	1	ug/L	09/28/06	13:41
6) 2-Amino-4,6-Dinitrotoluene	BQL	U	0.21	1	ug/L	09/28/06	13:41
7) 4-Amino-2,6-Dinitrotoluene	BQL	U	0.21	1	ug/L	09/28/06	13:41
8) HMX	BQL	U	0.42	1	ug/L	09/28/06	13:41
9) Nitrobenzene	BQL	U	0.21	1	ug/L	09/28/06	13:41
10) RDX	BQL	U	0.42	1	ug/L	09/28/06	13:41
11) Tetryl	BQL	U	0.42	1	ug/L	09/28/06	13:41
12) m-Nitrotoluene	BQL	U	0.42	1	ug/L	09/28/06	13:41
13) o-Nitrotoluene	BQL	U	0.42	1	ug/L	09/28/06	13:41
14) p-Nitrotoluene	BQL	U	0.42	1	ug/L	09/28/06	13:41

# Surrogate Parameter	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	78 %	37 - 149	1	09/28/06	13:41

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3008	Lab Sample ID:	609089-003-012-1/1
Sample Date/Time:	09/13/2006 17:20	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	SW3010A
Prepared Date/Time:	09/21/2006 00:00	Analytical Method:	SW6020_MM

# Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) Aluminum	5.7	J	100	1	ug/L	09/28/06	22:58
2) Antimony	BQL	U	1	1	ug/L	09/28/06	22:58
3) Barium	4.0	JB	5	1	ug/L	09/28/06	22:58
4) Cadmium	BQL	U	0.5	1	ug/L	09/28/06	22:58
5) Chromium	BQL	U	2	1	ug/L	09/28/06	22:58
6) Cobalt	0.027	JB	1	1	ug/L	09/28/06	22:58
7) Copper	1.0	J	2	1	ug/L	09/28/06	22:58
8) Iron	22.9	J	50	1	ug/L	09/28/06	22:58
9) Lead	0.81	J	2	1	ug/L	09/28/06	22:58
10) **Magnesium**	**1140**		**100**	**1**	**ug/L**	**09/28/06**	**22:58**
11) **Manganese**	**3.0**		**2**	**1**	**ug/L**	**09/28/06**	**22:58**
12) Molybdenum	0.57	J	5	1	ug/L	09/28/06	22:58
13) Nickel	0.90	J	1	1	ug/L	09/28/06	22:58
14) **Strontium**	**41.0**		**2**	**1**	**ug/L**	**09/28/06**	**22:58**
15) Titanium	1.0	J	2	1	ug/L	09/28/06	22:58
16) **Zinc**	**10.6**		**10**	**1**	**ug/L**	**09/28/06**	**22:58**

Client Name:	Shaw E&I, Inc	Sample Matrix:	WATER
Client Sample ID:	NWO-017-3008	Lab Sample ID:	609089-003-012-1/1
Sample Date/Time:	09/13/2006 17:20	Percent Moisture:	NA
Receipt Date/Time:	09/16/2006 10:56	Preparation Method:	SW7470A_DIG
Prepared Date/Time:	09/29/2006 19:00	Analytical Method:	SW7470A

#	Parameter	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	Mercury	BQL	U	0.2	1	ug/L	10/02/06	16:55

Qualifier Definitions

Shaw E&I, Inc

Work Order: 609089

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

Chain of Custody

Shaw E&I, Inc

SDG: 609089

GPL Laboratories
7210A Corporate Ct
Frederick, MD 21703
301-694-5310

CHAIN OF CUSTODY

COC Number: NWO017-019

PAGE: ___ OF ___

GPL Project Manager	[illegible]	Client Name	Shaw Environmental, Inc [illegible]	Phone	865-690-3272	Special Instructions	
Project Name	FUDS MMRP NWO	Address	312 Directors Drive	FAX		Shipment Method	FedEx
Project Number	118159	City State	Knoxville, TN	Zip Code	37923	Waybill Number	

Comments: Use Analysis Request: Xmnalyze Camp Adair MRS 5a & [illegible]
Sampling Team No. 1

Shaw MMRP FUDS Site - 017 Camp Addair

Preservatives and Containers: 500mL Poly w/ HNO_3, 4°C; 2 x 1L Amber Glass 4°C; 3 x 40 ml VOA Vial 4°C

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 7470A	Explosives by SW846 8330A	Nitroglycerin by SW846 8330A (Modified)	PETN by SW846 8330A (Modified)	Perchlorate by SW-846 8321A (Modified)	Filtered (Metals & Perchlorate only)	TOTAL BOTTLES
A044	NWO-017-3006	9-13-06	1726	SW	[illegible]	X	X	X	X	X	X	Y	6
						1		2	3	3	3		

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

TAT Requirement: 21 Days

Total number of samples

Relinquished By: [signature]	Date: 9-14-06	Time:	
Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	
Received By: Dollie	Date: 9/16/06	Time: 10:30	
Relinquished By:	Date:	Time:	

For Lab Use

GPL WORK ORDER #: 609089

PURCHASE ORDER #: ______

COOLER RECEIPT CONDITION: 2.0

GPL Laboratories

GPL LABORATORIES
7210A Corporate Ct.
Frederick, MD 21703
301-694-5310

CHAIN OF CUSTODY

CoC Number: NWO017-016

PAGE: ___ OF 1

GPL Project Manager	Tim Pickard	Client Name: Shaw E&I [illegible]	Phone: 865 576-5212	Special Instructions:	
Project Name:	FUDS MMRP (NWO)	Address: 312 Directors Drive	ID #:	Shipped Method	FedEx
Project Number	110158	City State: Knoxville, TN	Zip Code: 37923	Waybill Number:	

Comments: Hazardous Waste Request: X-Analyze Gamma Assay VFS No. 3, Gregory Contract No. 6

Shaw MMRP FUDS Site - 017 Camp Addair

Preservatives and Containers

Sample Information / Analysis for Analysis

No.	FIELD Sample ID	Date Sampled	Time Sampled	Matrix	Sampler's Initials	Lead by SW 846 6020A	Filtered	Total number of containers
1	NWO-017-0003	9-12-06	1615	GW	[illegible]	X	Y	1
2	NWO-017-0004	9-12-06	1615	GW	[illegible]	X	Y	1

200.8 020 [illegible]

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

TAT Requirement: 21 Days

Total number of samples

Relinquished By: Danny Robertson	Date: 9-14-06	Time: 0930	For Lab Use: GPL WORK ORDER #: 609089
Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	
Received By: Dawn 9/16/06	Date: 10:00	Time:	PURCHASE ORDER #:
Relinquished By:	Date:	Time:	

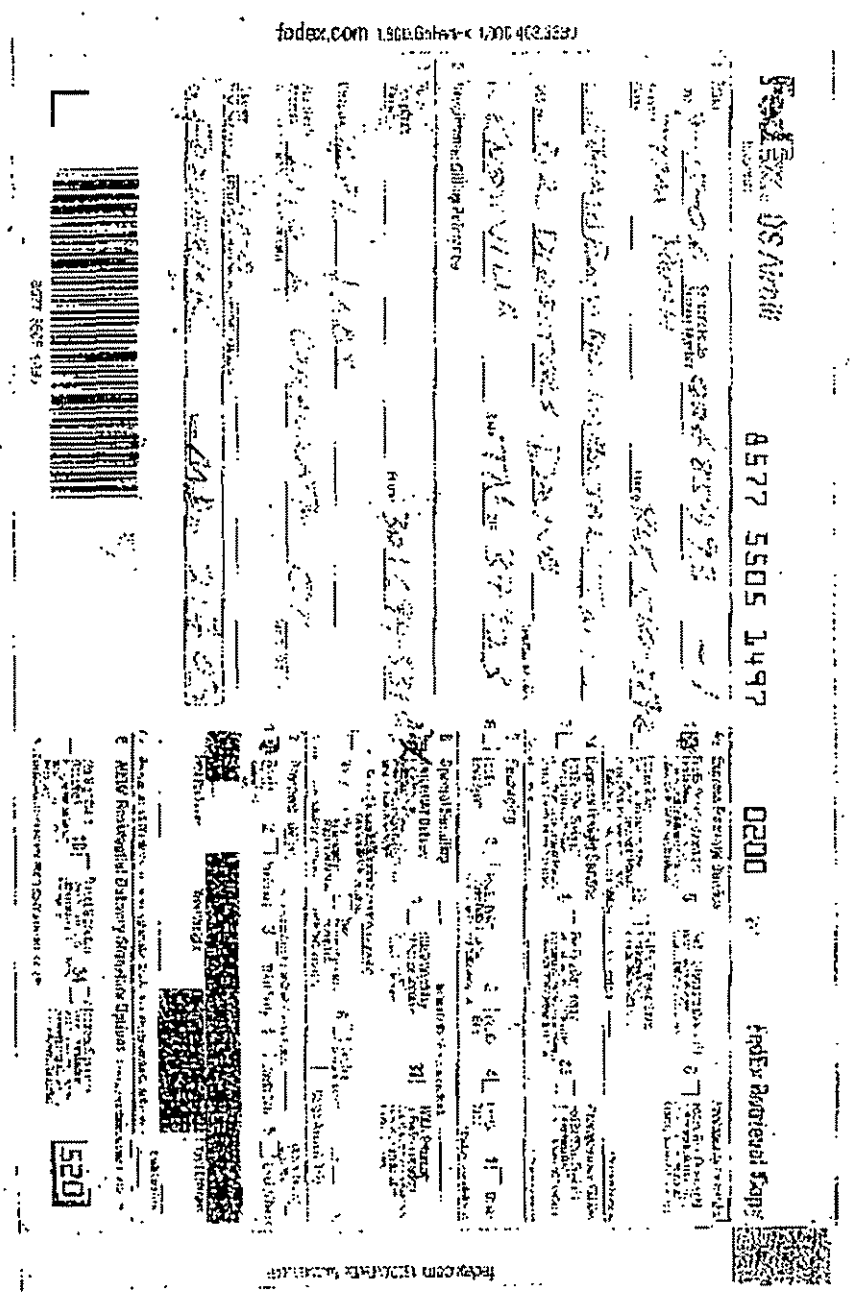
COOLER RECEIPT CONDITION: 2.0

200-1e
F10OR002908_01.09_0507_a

Chain of Custody

Shaw E&I, Inc

SDG: 609089



Chain of Custody

Shaw E&I, Inc

SDG: 609089

GPL Laboratories, LLLP

Figure 1
SAMPLE RECEIPT CHECKLIST

W.O. No: 609089
Client Name: SHAW
Date Received: 9/16/06
Time Received: 10:30
Received By: [illegible]

Carrier Name: FED EX
Prepared (Logged In) By: [illegible] 9/19/06
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 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: 12		
Total Number of Samples: 3		
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?		✓
Find 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		

Project Manager Contacted?
Name:
Date Contacted: 9/19/06

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:

Checklist Completed By: [illegible]
Date: 9/19/06

SOP No. F-2V-5

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 : WATER **Analytical Method : SW8330A** **SDG No : 609089**

Surrogate	NO2ANIL4
Lower QC Limits	
Upper QC Limits	
Sample ID	
BKS93852	80
BKSD93852	85
BLK93852	100
NWO-017-3008	78

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

BKS/BSD RECOVERY

SAMPLE NO
BKSD93852

Lab Name : GPL Laboratories SDG NO : 609089 Method : SW8330A

Lab Code : GPL Lab Sample ID : BKSD93852 Matrix : WATER Analysis Date : 09/28/2006

Compound	Spike Added (ug/L)	CONCENTRATION (ug/L) BLANK	BKS	BSD	%RECOVERY BKS	BSD	% RPD	RPD Limit	QC Limits
1,3,5-Trinitrobenzene	5	0.0	3.1	3.1	62 *	60 *	3	25	65-140
1,3-Dinitrobenzene	5	0.0	3.5	3.4	70	68	3	25	45-160
2,4,6-Trinitrotoluene	5	0.0	3.5	3.4	70	68	3	25	50-145
2,4-Dinitrotoluene	5	0.0	3.4	3.2	68	64	6	25	60-135
2,6-Dinitrotoluene	5	0.0	3.5	3.4	70	68	3	25	60-135
2-Amino-4,6-Dinitrotoluene	5	0.0	3.4	3.3	68	66	3	25	50-155
4-Amino-2,6-Dinitrotoluene	5	0.0	3.2	3.1	64	62	3	25	55-155
HMX	5	0.0	3.5	3.4	70 *	68 *	3	25	80-115
Nitrobenzene	5	0.0	3.3	3.2	66	64	3	25	50-140
RDX	5	0.0	3.4	3.3	68	66	3	25	50-160
Tetryl	5	0.0	3.2	3.2	64	62	3	25	20-175
m-Nitrotoluene	5	0.0	3.5	3.6	68	72	6	25	50-130
o-Nitrotoluene	5	0.0	3.5	3.4	70	68	3	25	45-135
p-Nitrotoluene	5	0.0	3.4	3.4	68	68	0	25	50-130

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 : 4 Out of 28 outside limit

GPL Laboratories

BKS/BSD RECOVERY

SAMPLE NO
BKSD93854

Lab Name : GPL Laboratories SDG NO : 609089 Method : SW8330

Lab Code : GPL Lab Sample ID : BKSD93854 Matrix : WATER Analysis Date : 09/28/2006

Compound	Spike Added (ug/L)	CONCENTRATION (ug/L)			%RECOVERY		% RPD	RPD Limit	QC Limits
		BLANK	BKS	BSD	BKS	BSD			
Nitroglycerine	100	0.0	81	85	81	85	5	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 # Outside Limit
Spike Recovery : 0 Out of 2 outside limit

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93852

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93852
Lab File ID :	LCD33030.D	SDG NO :	609089
Date Analyzed	09/28/2006	Lab Sample ID :	BLK93852
Date Extracted :	09/20/2006	Time Analyzed :	05:46
Matrix :(Soil/Water).	WATER	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
BKS93852	BKS93852	LCD33031.D	09/28/2006
BKSD93852	BKSD93852	LCD33032.D	09/28/2006
NWO-017-3008	609089-003-010-1/2	LCD33038.D	09/28/2006

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93854

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93854
Lab File ID :	LCD33030.D	SDG NO :	609089
Date Analyzed	09/28/2006	Lab Sample ID :	BLK93854
Date Extracted :	09/20/2006	Time Analyzed :	05:46
Matrix :(Soil/Water).	WATER	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
BKS93854	BKS93854	LCD33033.D	09/28/2006
BKSD93854	BKSD93854	LCD33034.D	09/28/2006
NWO-017-3008	609089-003-008-1/2	LCD33038.D	09/28/2006

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-017-3008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	609089-003-010-1/2
Sample Volume :	950	Lab File ID :	LCD33038.D
% Moisture:		Date Received	09/16/2006
Extraction:	SW3535	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.21	U
99-65-0	1,3-Dinitrobenzene	0.21	U
118-96-7	2,4,6-Trinitrotoluene	0.21	U
121-14-2	2,4-Dinitrotoluene	0.21	U
606-20-2	2,6-Dinitrotoluene	0.21	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.21	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.21	U
2691-41-0	HMX	0.42	U
98-95-3	Nitrobenzene	0.21	U
121-82-4	RDX	0.42	U
479-45-8	Tetryl	0.42	U
99-08-1	m-Nitrotoluene	0.42	U
88-72-2	o-Nitrotoluene	0.42	U
99-99-0	p-Nitrotoluene	0.42	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
NWO-017-3008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	609089-003-008-1/2
Sample Volume :	950	Lab File ID :	LCD33038.D
% Moisture:		Date Received	09/16/2006
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	21	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33038.D Vial: 20
Acq On : 28 Sep 2006 13:41 Operator: AG
Sample : 609089-003-010-1/2 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:25 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

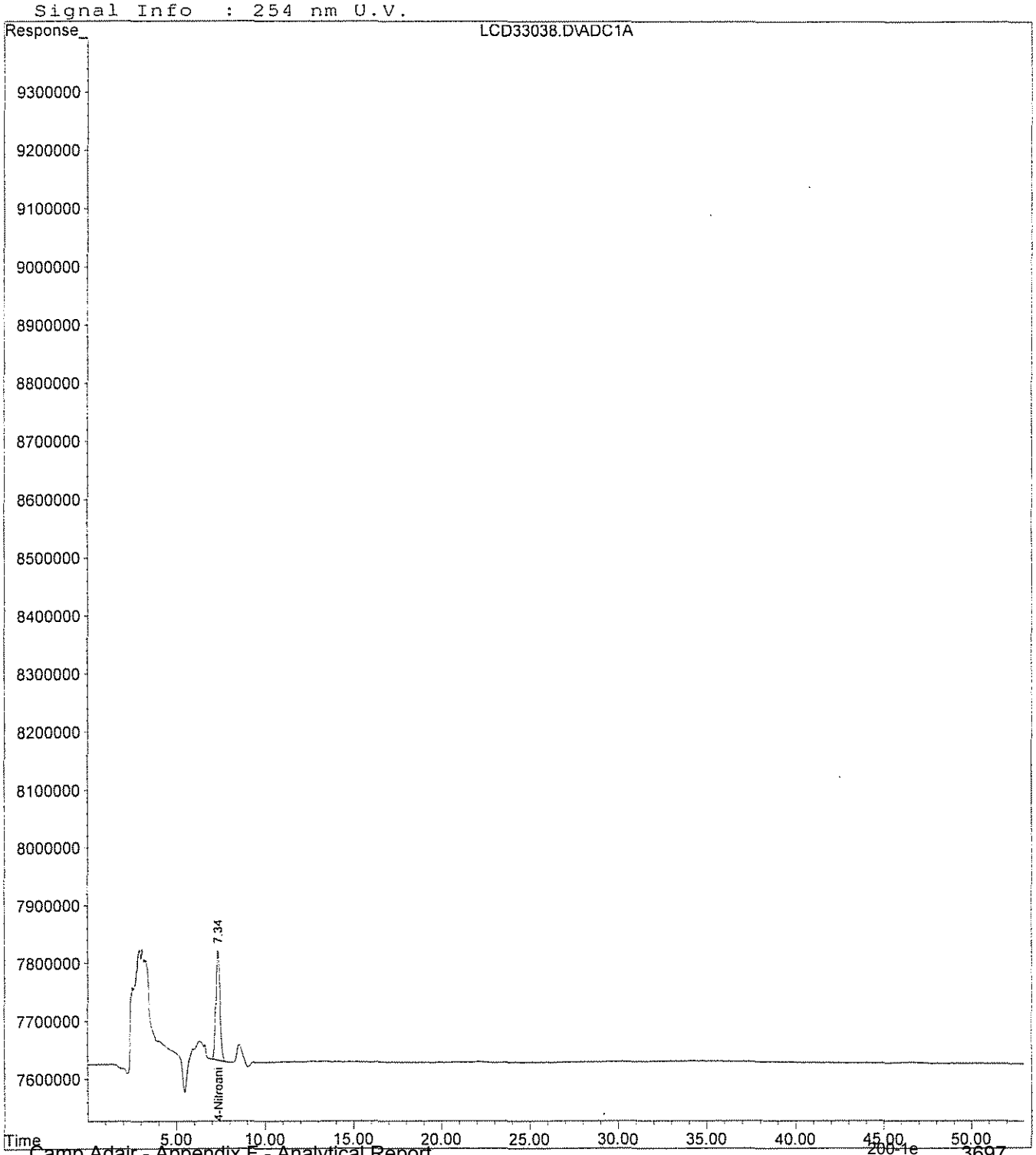
Compound		R.T.	Response	Conc	Units
System Monitoring Compounds					
2) S	4-Nitroaniline	7.34	31205924	233.295	ng/ml
Spiked Amount 300.000	Range 49 - 133		Recovery =	77.77%	
Target Compounds					
1) T	HMX	0.00	0	N.D.	ng/ml
3) T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4) T	Tetryl	0.00	0	N.D.	ng/ml
5) T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6) T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7) T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8) T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9) M	RDX	0.00	0	N.D.	ng/ml
10) M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11) M	Nitrobenzene	0.00	0	N.D.	ng/ml
12) M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13) M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14) M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15) M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33038.D Vial: 20
Acq On : 28 Sep 2006 13:41 Operator: AG
Sample : 609089-003-010-1/2 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:25 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\LCD\092506\0925NG\LCD33038.D Vial: 20
Acq On : 28 Sep 2006 13:41 Operator: AG
Sample : 609089-003-010-1/2 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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				
1) S 4-NITROANILINE	7.34	31215999	221.372	PPB
Spiked Amount 300.000		Recovery =	73.79%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

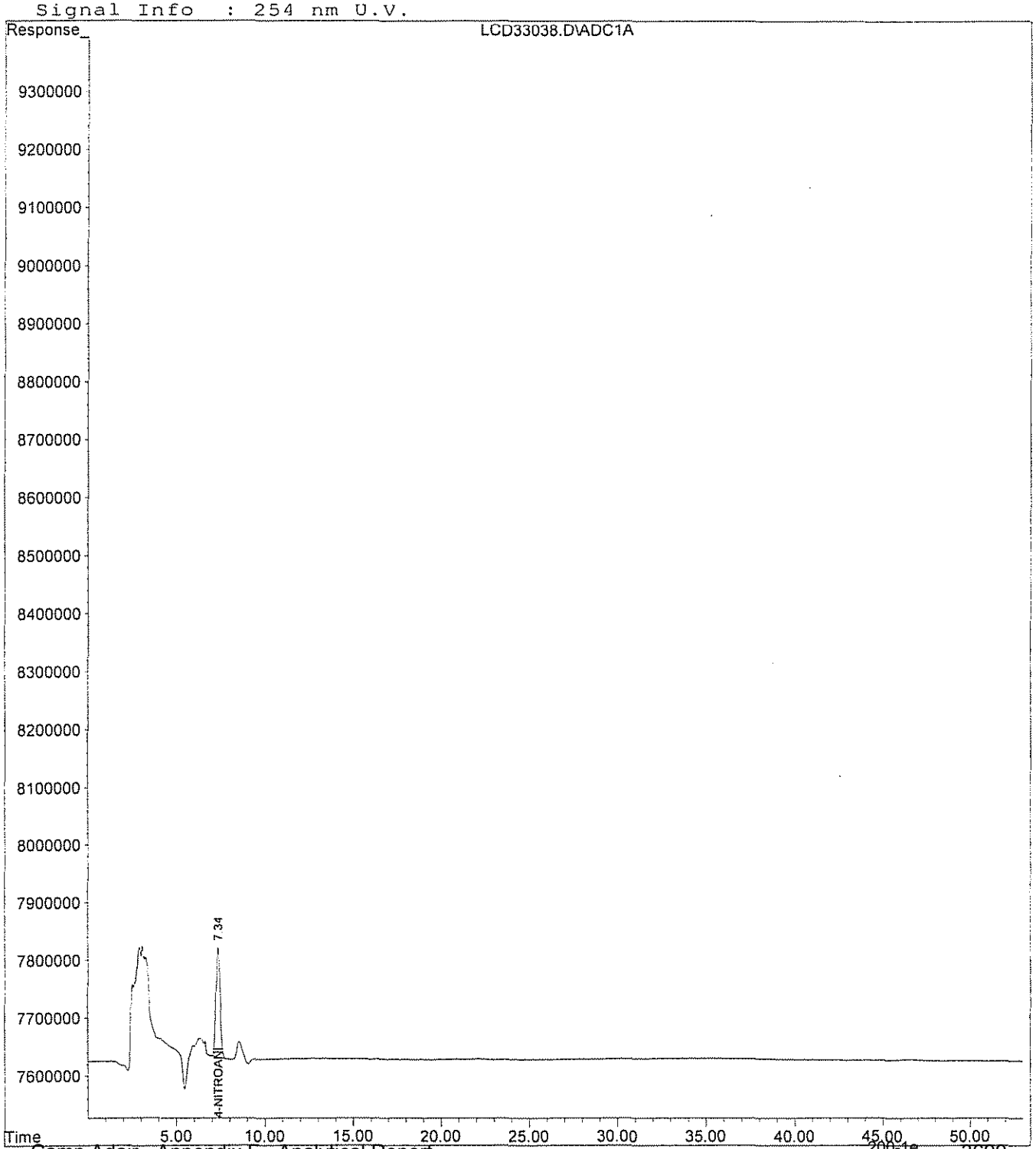
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33038.D 6818NGPT.M Sat Sep 30 12:42:58 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33038.D Vial: 20
Acq On : 28 Sep 2006 13:41 Operator: AG
Sample : 609089-003-010-1/2 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Mon Aug 07 10:15:01 2006

Calibration Files
LEV1 =LCD31116.D LEV2 =LCD31117.D LEV3 =LCD31118.D
LEV4 =LCD31119.D LEV5 =LCD31120.D LEV6 =LCD31121.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	1.760	1.468	1.420	1.472	1.432	1.379	1.488	E5	9.23
2)	S	4-Nitroaniline	1.254	1.308	1.367	1.391	1.364	1.341	1.338	E5	3.70
3)	T	1,3,5-Trinitrobenze	4.182	3.928	3.889	4.037	3.903	3.802	3.957	E5	3.38
4)	T	Tetryl	2.520	2.502	2.858	2.948	2.842	2.757	2.738	E5	6.79
5)	T	2,4,6-Trinitrotolue	3.973	3.421	3.669	3.712	3.634	3.509	3.653	E5	5.22
6)	T	4-Amino-2,6-Dinitro	3.301	3.162	2.771	2.760	2.717	2.623	2.889	E5	9.49
7)	T	2,6-Dinitrotoluene	2.779	2.629	2.543	2.628	2.574	2.487	2.606	E5	3.84
8)	T	4-Nitrotoluene	1.923	2.013	1.886	1.979	1.898	1.866	1.927	E5	2.97
9)	M	RDX	2.188	2.016	1.799	1.820	1.750	1.738	1.885	E5	9.50
10)	M	1,3-Dinitrobenzene	5.826	5.465	5.362	5.590	5.386	5.247	5.479	E5	3.73
11)	M	Nitrobenzene	4.489	3.795	3.586	3.687	3.613	3.487	3.776	E5	9.64
12)	M	2-Amino-4,6-Dinitro	4.481	3.967	3.832	3.860	3.786	3.650	3.929	E5	7.36
13)	M	2,4-Dinitrotoluene	5.945	5.403	5.235	5.367	5.230	5.049	5.371	E5	5.72
14)	M	2-Nitrotoluene	2.488	2.324	2.249	2.340	2.245	2.194	2.307	E5	4.51
15)	M	3-Nitrotoluene	2.456	2.539	2.407	2.511	2.416	2.372	2.450	E5	2.64

#) = Out of Range
6624833.M Mon Aug 07 10:16:45 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31115.D Vial: 1
Acq On : 24 Jun 2006 12:19 Operator: SS
Sample : 8330MIX- BLK Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:39 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	0.00	0	N.D.	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 0.00%#						
Target Compounds						
1)	T	HMX	0.00	0	N.D.	ng/ml
3)	T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4)	T	Tetryl	0.00	0	N.D.	ng/ml
5)	T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7)	T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8)	T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9)	M	RDX	0.00	0	N.D.	ng/ml
10)	M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11)	M	Nitrobenzene	0.00	0	N.D.	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13)	M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14)	M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15)	M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

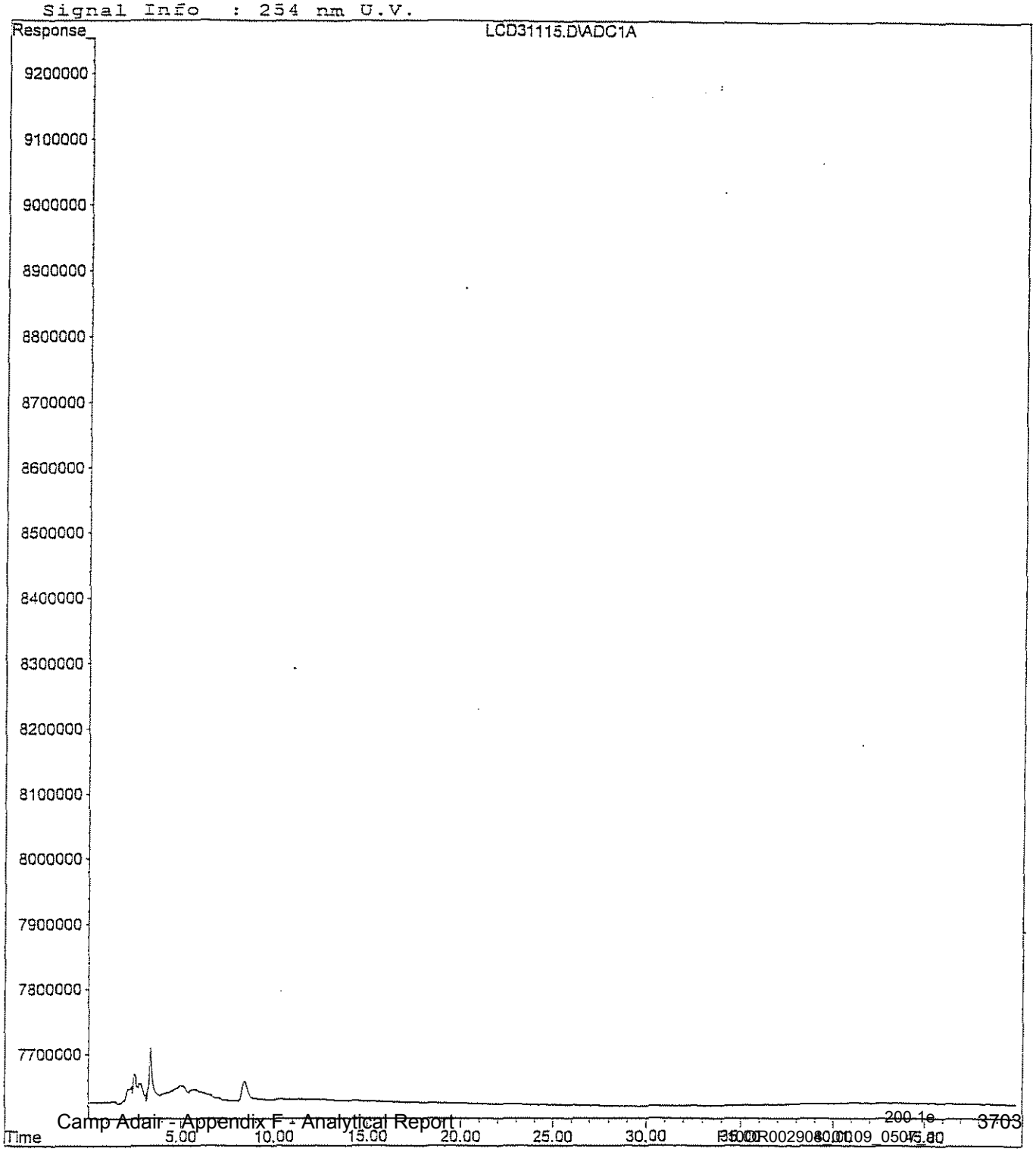
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31115.D
Acq On : 24 Jun 2006 12:19
Sample : 8330MIX- BLK
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:39 2006 Quant Results File: 6624833.RES

Vial: 1
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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\LCD\062406\LCD31116.D
Acq On : 24 Jun 2006 13:14
Sample : 8330MIX- LEV 1
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 9:04 2006 Quant Results File: 6624833.RES

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

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.04	1254327	10.428 ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery =	3.48%#
		Target Compounds			
1)	T	HMX	4.59	1759932	12.672 ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.04	2091118	6.500 ng/mlm
4)	T	Tetryl	19.00f	2520356	10.829 ng/mlm
5)	T	2,4,6-Trinitrotoluene	23.31	1986721	6.302 ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	25.15	1650425	6.478 ng/mlm
7)	T	2,6-Dinitrotoluene	29.17f	1389301	7.223 ng/mlm
8)	T	4-Nitrotoluene	40.83f	1923404	11.699 ng/mlm
9)	M	RDX	8.78	2188060	13.223 ng/mlm
10)	M	1,3-Dinitrobenzene	17.33	2912957	6.160 ng/mlm
11)	M	Nitrobenzene	20.83	2244609	6.997 ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	26.76	2240274	6.536 ng/mlm
13)	M	2,4-Dinitrotoluene	30.45	2972439	6.045 ng/mlm
14)	M	2-Nitrotoluene	37.92	2487943	12.868 ng/mlm
15)	M	3-Nitrotoluene	44.46	2455751	12.108 ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31116.D 6624833.M Mon Jul 17 15:08:09 2006 Page 1

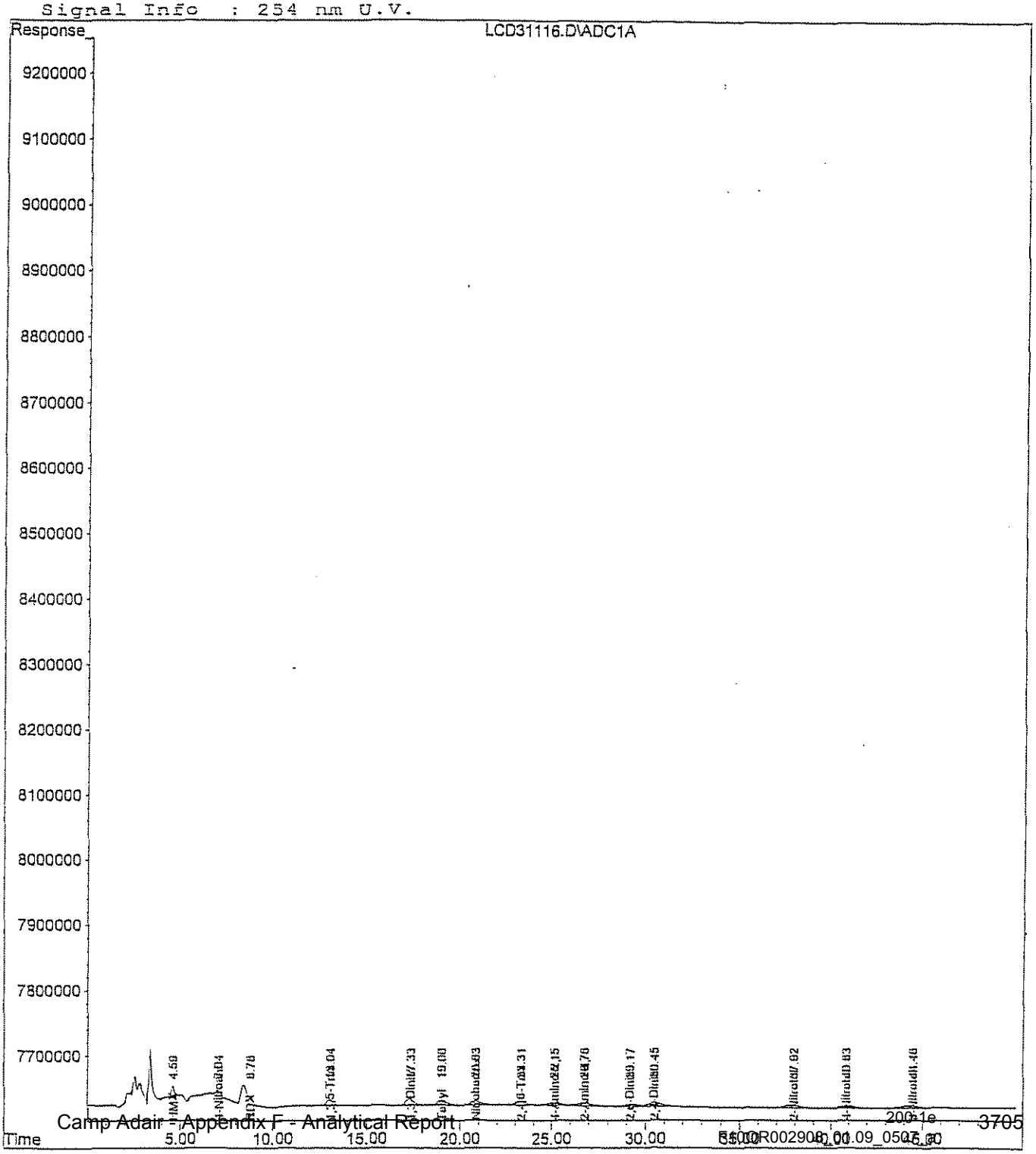
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31116.D
Acq On : 24 Jun 2006 13:14
Sample : 8330MIX- LEV 1
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 9:04 2006 Quant Results File: 6624833.RES

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

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31116.D 6624833.M Mon Jul 17 15:08:10 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31117.D Vial: 3
Acq On : 24 Jun 2006 14:08 Operator: SS
Sample : 8330MIX- LEV 2 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:55 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	13083535	109.897	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 36.63%#	
Target Compounds						
1)	T	HMX	4.61	14675499	110.344	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.10	19641765	56.275	ng/ml
4)	T	Tetryl	19.15f	25020683	105.167	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.41	17102803	49.942	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.23	15811346	55.983	ng/mlm
7)	T	2,6-Dinitrotoluene	29.40	13142733	63.466	ng/ml
8)	T	4-Nitrotoluene	41.00	20127970	115.415	ng/ml
9)	M	RDX	8.85f	20159963	112.300	ng/ml
10)	M	1,3-Dinitrobenzene	17.40	27326380	54.035	ng/ml
11)	M	Nitrobenzene	20.94	18974217	53.600	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.91	19837108	53.419	ng/ml
13)	M	2,4-Dinitrotoluene	30.61	27017273	52.236	ng/ml
14)	M	2-Nitrotoluene	37.95	23237320	112.927	ng/ml
15)	M	3-Nitrotoluene	44.49	25388959	117.916	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31117.D 6624833.M Mon Jul 17 15:08:12 2006 Page 1

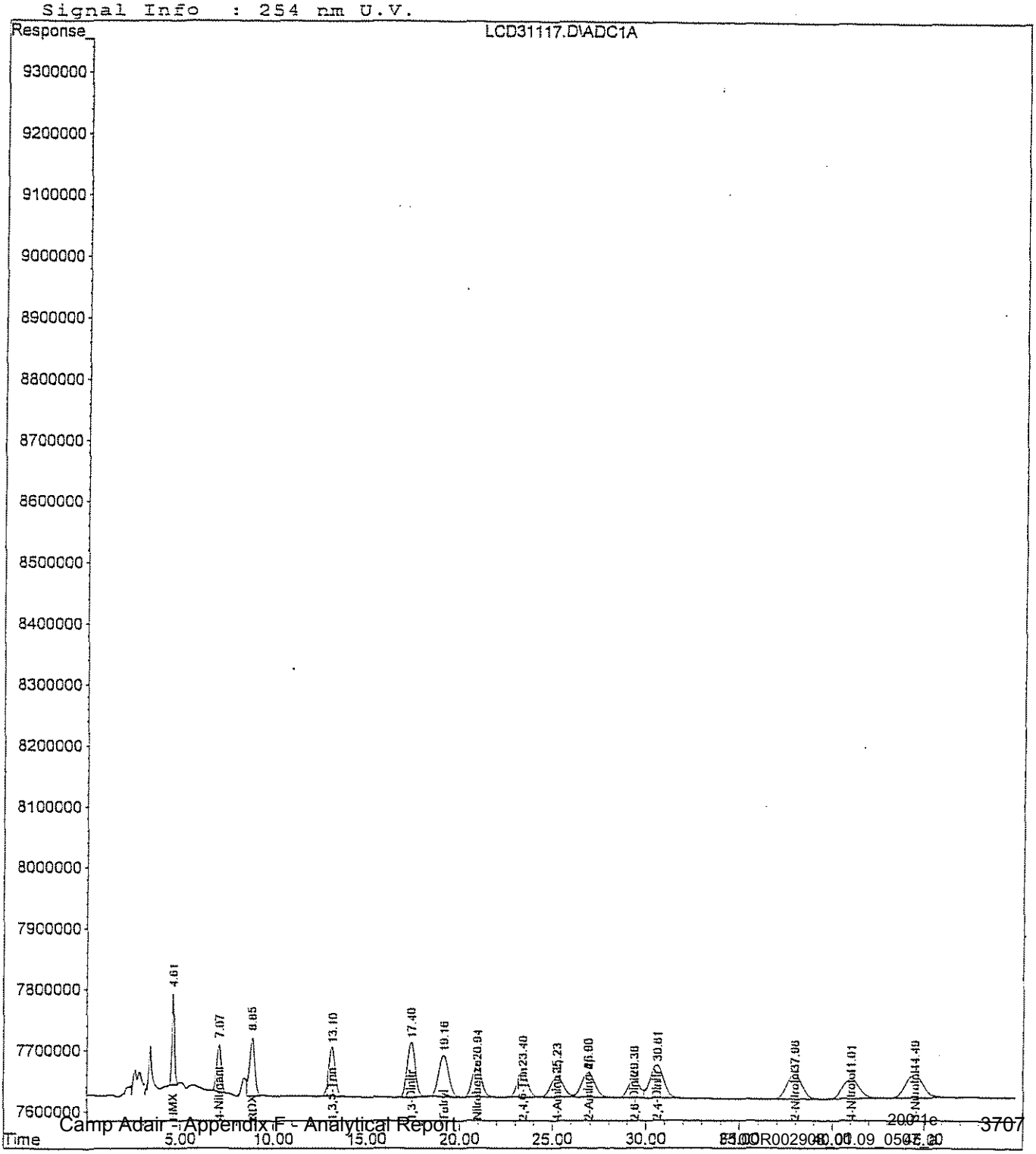
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31117.D
Acq On : 24 Jun 2006 14:08
Sample : 8330MIX- LEV 2
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:55 2006 Quant Results File: 6624833.RES

Vial: 3
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31117.D 6624833.M Mon Jul 17 15:08:13 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31118.D Vial: 4
Acq On : 24 Jun 2006 15:03 Operator: SS
Sample : 8330MIX- LEV 3 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:38 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	68338438	581.581	ng/mlm
Spiked Amount 300.000 Range 49 - 133 Recovery = 193.86%#						
Target Compounds						
1)	T	HMX	4.61	71010360	521.723	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.10	97223383	310.569	ng/mlm
4)	T	Tetryl	19.15	142922239	631.596	ng/mlm
5)	T	2,4,6-Trinitrotoluene	23.40	91725712	292.595	ng/mlm
6)	T	4-Amino-2,6-Dinitrotoluene	25.30	69267467	274.201	ng/ml
7)	T	2,6-Dinitrotoluene	29.42	63575256	347.405	ng/mlm
8)	T	4-Nitrotoluene	41.07	94288412	583.782	ng/mlm
9)	M	RDX	8.86	89955891	553.107	ng/mlm
10)	M	1,3-Dinitrobenzene	17.40	134057540	288.286	ng/mlm
11)	M	Nitrobenzene	20.95	89645309	280.745	ng/mlm
12)	M	2-Amino-4,6-Dinitrotoluene	26.94	95796186	281.426	ng/ml
13)	M	2,4-Dinitrotoluene	30.63	130879660	266.497	ng/ml
14)	M	2-Nitrotoluene	38.01	112454410	595.660	ng/mlm
15)	M	3-Nitrotoluene	44.51	120327028	609.189	ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31118.D 6624833.M Mon Jul 17 15:08:15 2006 A Page 1

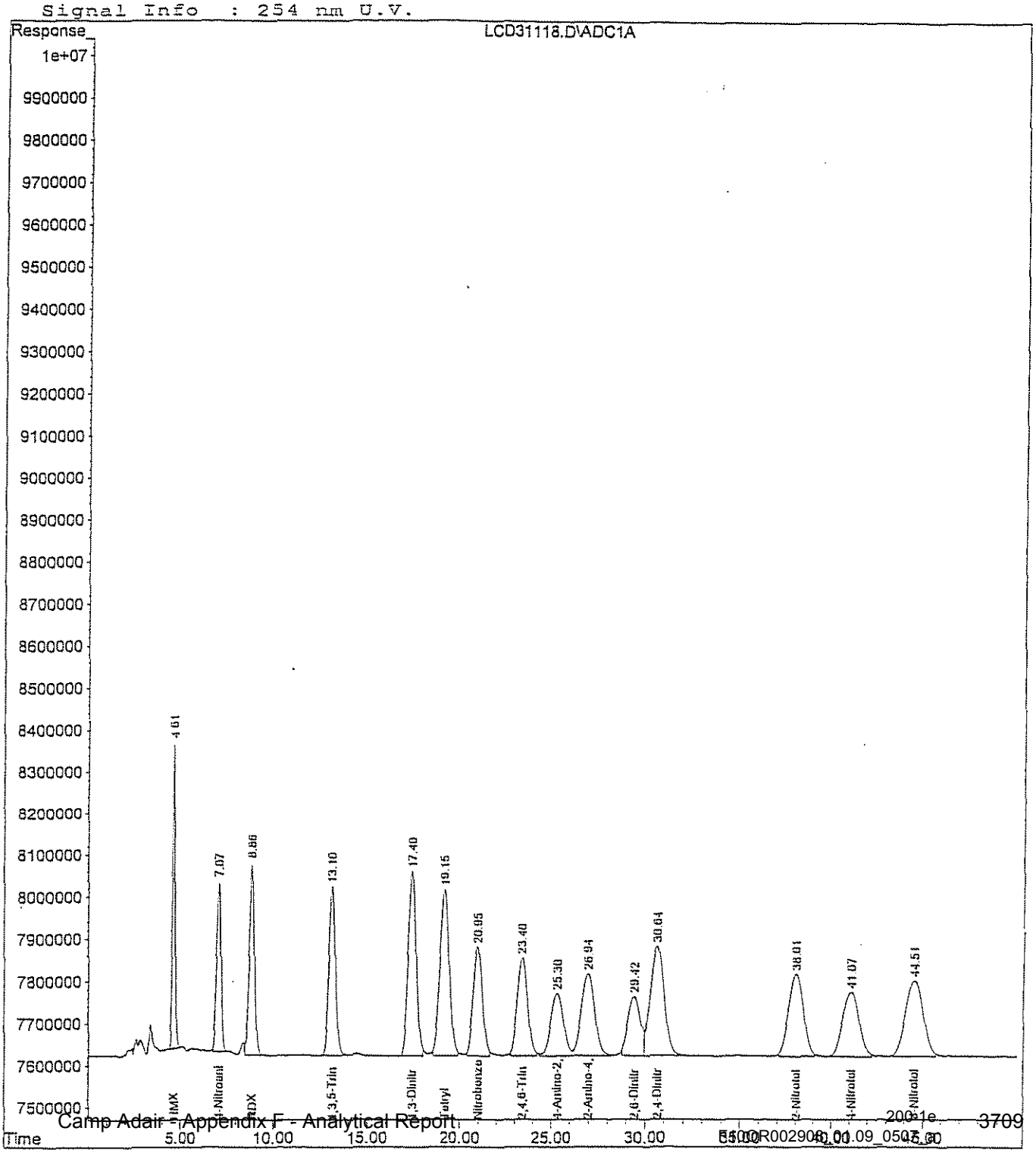
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31118.D
Acq On : 24 Jun 2006 15:03
Sample : 8330MIX- LEV 3
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:38 2006 Quant Results File: 6624833.RES

Vial: 4
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31118.D 6624833.M Mon Jul 17 15:08:16 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31119.D Vial: 5
Acq On : 24 Jun 2006 15:57 Operator: SS
Sample : 8330MIX- LEV 4 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:51 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.07	139147536	1180.758	ng/mlm
Spiked Amount		300.000	Range 49 - 133	Recovery	= 393.59%#	
		Target Compounds				
1)	T	HMX	4.61	147221403	1088.479	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.11	201830797	545.481	ng/ml
4)	T	Tetryl	19.16	294771057	1149.338	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.40	185593511	523.048	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.29	138004257	467.825	ng/ml
7)	T	2,6-Dinitrotoluene	29.38	131393559	578.932	ng/ml
8)	T	4-Nitrotoluene	41.04	197905005	1066.800	ng/ml
9)	M	RDX	8.86	182035340	988.783	ng/mlm
10)	M	1,3-Dinitrobenzene	17.41	279487029	535.173	ng/ml
11)	M	Nitrobenzene	20.95	184344848	497.774	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.91	192986321	502.291	ng/ml
13)	M	2,4-Dinitrotoluene	30.58	268342856	506.946	ng/ml
14)	M	2-Nitrotoluene	37.96	233975822	1077.715	ng/ml
15)	M	3-Nitrotoluene	44.53	251089980	1088.117	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31119.D 6624833.M Mon Jul 17 15:08:18 2006 a Page 1

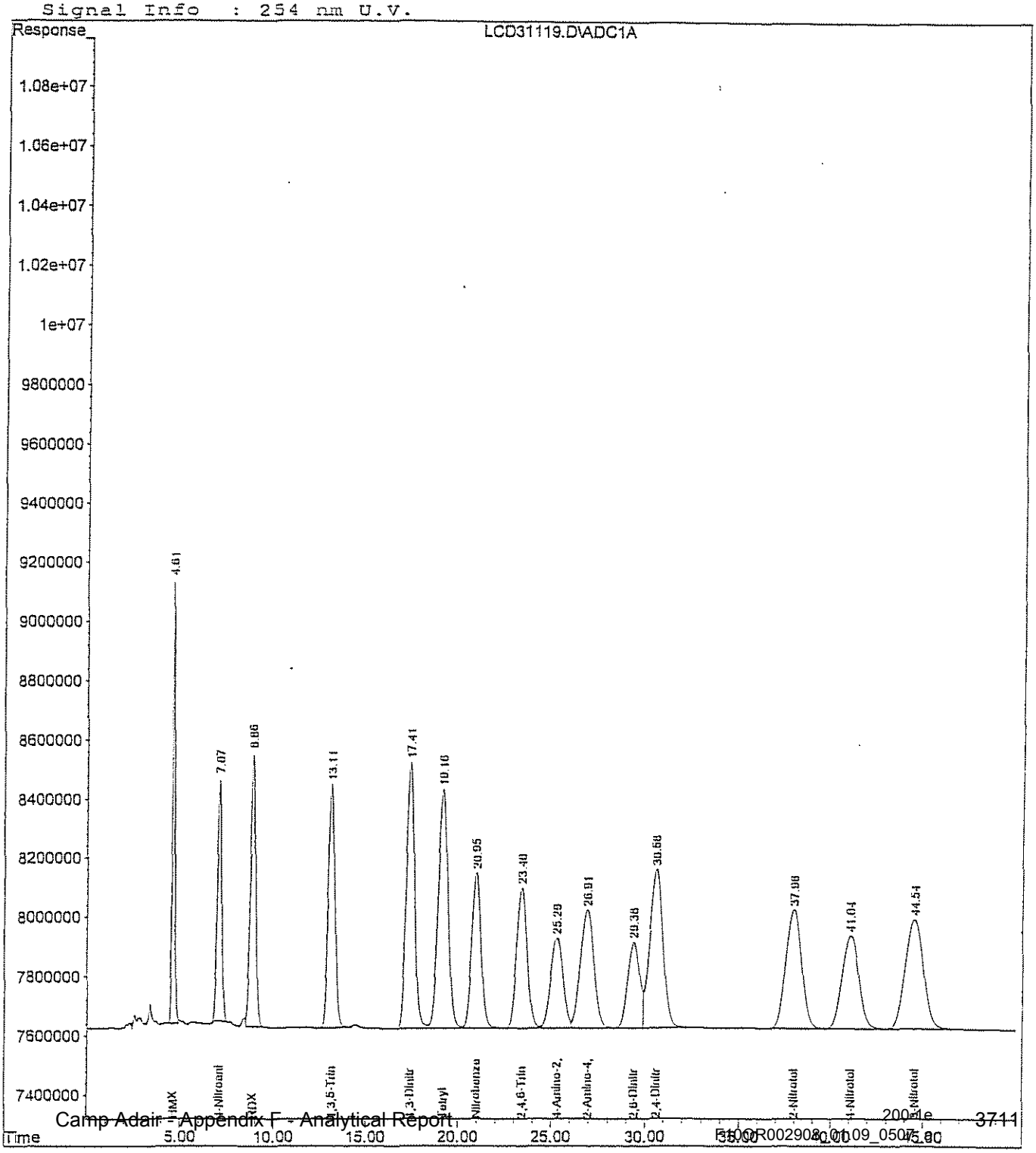
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31119.D
Acq On : 24 Jun 2006 15:57
Sample : 8330MIX- LEV 4
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:51 2006 Quant Results File: 6624833.RES

Vial: 5
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD31119.D 6624833.M Mon Jul 17 15:08:18 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31120.D Vial: 6
Acq On : 24 Jun 2006 16:51 Operator: SS
Sample : 8330MIX- LEV 5 Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:52 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.05	272811101	2261.502	ng/mlm
Spiked Amount		300.000	Range	49 - 133	Recovery	= 753.83%#
Target Compounds						
1)	T	HMX	4.60	286306155	2061.566	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.08	390290885	1024.490	ng/ml
4)	T	Tetryl	19.12	568340149	2148.521	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.39	363370688	1010.854	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.28	271664105	908.914	ng/ml
7)	T	2,6-Dinitrotoluene	29.39	257406712	1076.944	ng/ml
8)	T	4-Nitrotoluene	41.02	379516257	2004.811	ng/ml
9)	M	RDX	8.84	349933580	1865.083	ng/mlm
10)	M	1,3-Dinitrobenzene	17.38	538616433	1008.997	ng/ml
11)	M	Nitrobenzene	20.92	361302113	965.249	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.92	378620400	973.959	ng/ml
13)	M	2,4-Dinitrotoluene	30.60	522971018	975.682	ng/ml
14)	M	2-Nitrotoluene	37.96	448989567	2017.150	ng/ml
15)	M	3-Nitrotoluene	44.48	483137348	2037.572	ng/ml

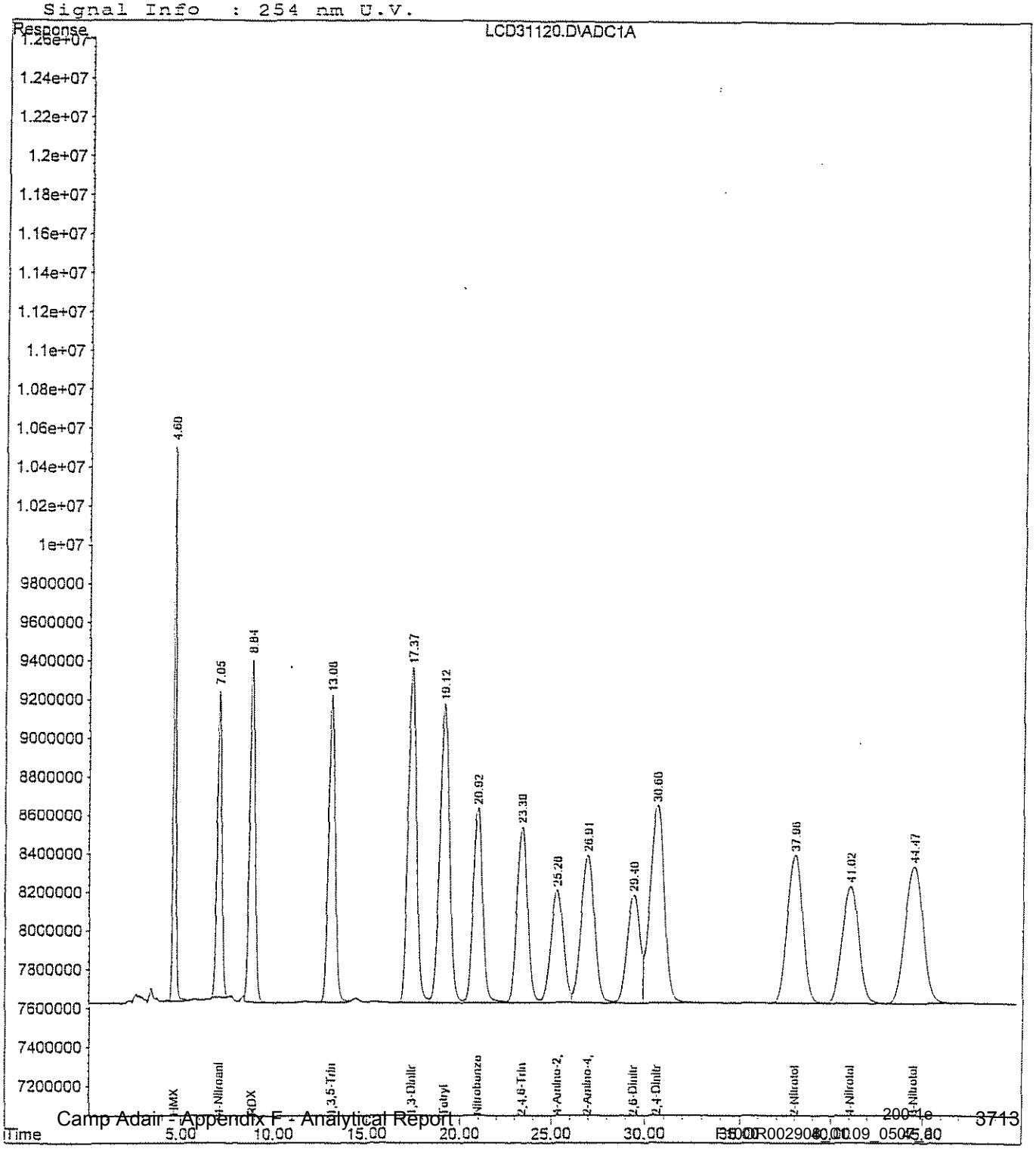
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31120.D
Acq On : 24 Jun 2006 16:51
Sample : 8330MIX- LEV 5
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:52 2006 Quant Results File: 6624833.RES

Vial: 6
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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\LCD\062406\LCD31121.D
Acq On : 24 Jun 2006 17:46
Sample : 8330MIX- LEV 6
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:47 2006 Quant Results File: 6624833.RES

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

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	7.08	670355904	5431.224	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 1810.41%#	
Target Compounds						
1)	T	HMX	4.61	689523342	4856.739	ng/ml
3)	T	1,3,5-Trinitrobenzene	13.12	950473409	2438.298	ng/ml
4)	T	Tetryl	19.21	1378345707	5100.480	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.45	877267795	2411.431	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.37	655643836	2164.810	ng/ml
7)	T	2,6-Dinitrotoluene	29.44	621655738	2480.888	ng/ml
8)	T	4-Nitrotoluene	41.02	933064191	4873.746	ng/ml
9)	M	RDX	8.88	869110790	4564.775	ng/mlm
10)	M	1,3-Dinitrobenzene	17.44	1311700085	2416.149	ng/ml
11)	M	Nitrobenzene	20.99	871815215	2308.082	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	27.00	912590128	2323.949	ng/ml
13)	M	2,4-Dinitrotoluene	30.64	1262153799	2342.850	ng/ml
14)	M	2-Nitrotoluene	37.97	1096771071	4825.653	ng/ml
15)	M	3-Nitrotoluene	44.49	1185761669	4910.885	ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31121.D 6624833.M Mon Jul 17 15:08:23 2006

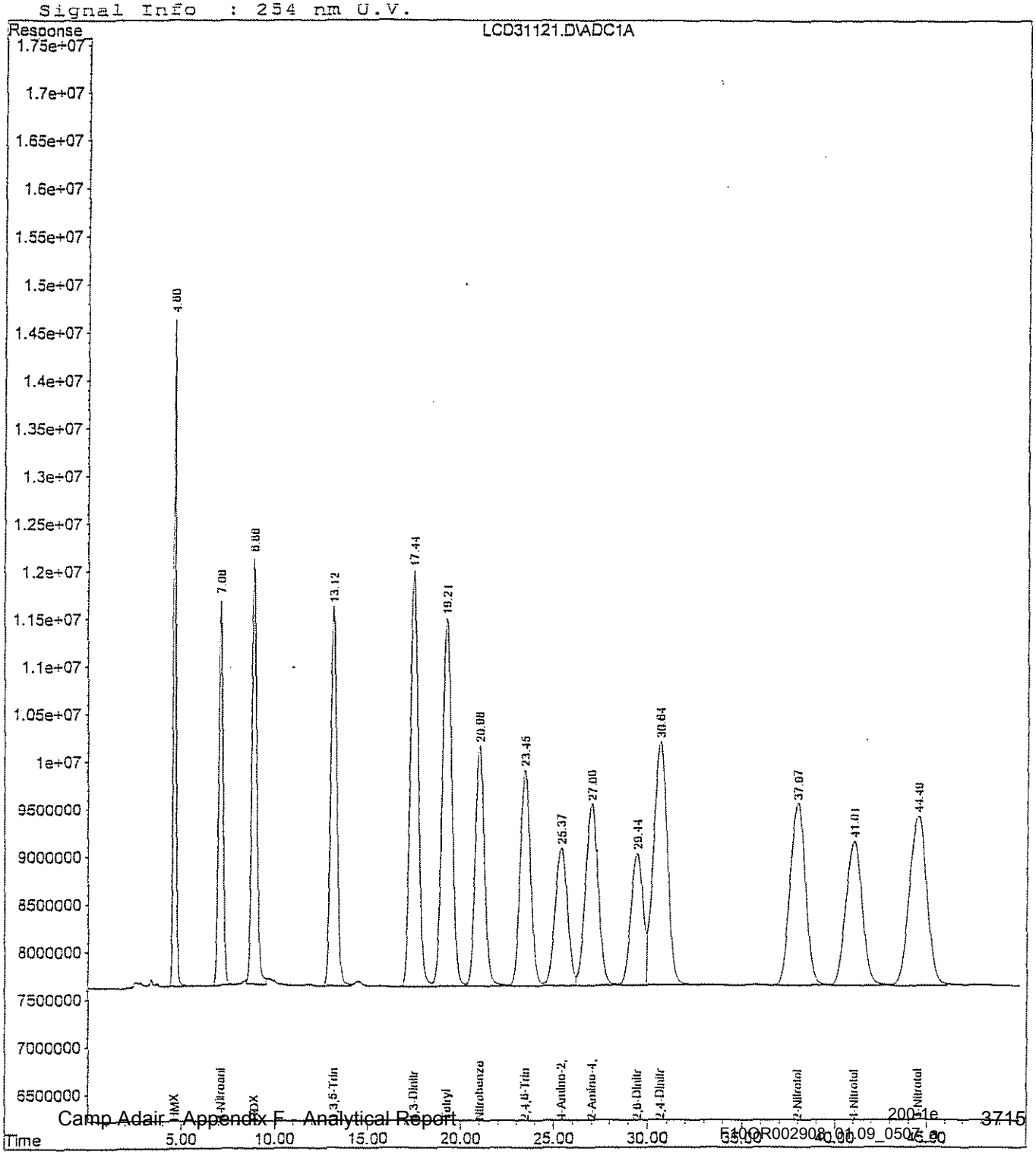
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31121.D
Acq On : 24 Jun 2006 17:46
Sample : 8330MIX- LEV 6
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:47 2006 Quant Results File: 6624833.RES

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

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



Evaluate Continuing Calibration Report

Data File : I:\LCDATA\LCD\062406\LCD31122.D Vial: 8
Acq On : 24 Jun 2006 18:40 Operator: SS
Sample : 8330MIX- ICV Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Sep 13 10:06:24 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)
1	T	HMX	148.841	141.722	E3	4.8	50#	-0.10
3	T	1,3,5-Trinitrobenzene	395.682	344.603	E3	12.9	88	-0.46
4	T	Tetryl	273.783	149.437	E3	45.4#	52	-1.02#
5	T	2,4,6-Trinitrotoluene	365.295	372.570	E3	-2.0	102	-1.04#
6	T	4-Amino-2,6-Dinitrotoluene	288.885	253.622	E3	12.2	98	-1.27#
7	T	2,6-Dinitrotoluene	260.645	274.709	E3	-5.4	108	-1.37#
8	T	4-Nitrotoluene	192.745	179.662	E3	6.8	47#	-1.88#
9	M	RDX	188.524	175.751	E3	6.8	51	-0.29
10	M	1,3-Dinitrobenzene	547.937	519.036	E3	5.3	97	-0.62#
11	M	Nitrobenzene	377.618	346.811	E3	8.2	97	-0.80#
12	M	2-Amino-4,6-Dinitrotoluene	392.935	414.144	E3	-5.4	111	-1.26#
13	M	2,4-Dinitrotoluene	537.145	488.181	E3	9.1	93	-1.33#
14	M	2-Nitrotoluene	230.650	215.684	E3	6.5	48#	-1.78#
15	M	3-Nitrotoluene	244.988	228.736	E3	6.6	48#	-2.08#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD31122.D 6624833.M Wed Sep 13 10:27:57 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\062406\LCD31122.D Vial: 8
Acq On : 24 Jun 2006 18:40 Operator: SS
Sample : 8330MIX- ICV Inst : LCD
Misc : C CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Jun 25 8:48 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 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	0.00	0	N.D.	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 0.00%#	
Target Compounds						
1)	T	HMX	4.60	35430397	246.302	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.08	86150684	217.727	ng/ml
4)	T	Tetryl	19.12	74718251	272.911	ng/ml
5)	T	2,4,6-Trinitrotoluene	23.40	93142432	254.979	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	25.31	63405390	208.133	ng/ml
7)	T	2,6-Dinitrotoluene	29.41	68677168	263.489	ng/ml
8)	T	4-Nitrotoluene	41.05	44915545	233.030	ng/ml
9)	M	RDX	8.84	43937733	228.737	ng/ml
10)	M	1,3-Dinitrobenzene	17.38	129759072	236.814	ng/ml
11)	M	Nitrobenzene	20.93	86702635	229.604	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	26.95	103535914	263.494	ng/ml
13)	M	2,4-Dinitrotoluene	30.62	122045215	227.211	ng/ml
14)	M	2-Nitrotoluene	37.99	53921060	233.779	ng/ml
15)	M	3-Nitrotoluene	44.51	57184022	233.415	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD31122.D 6624833.M Mon Jul 17 15:08:26 2006

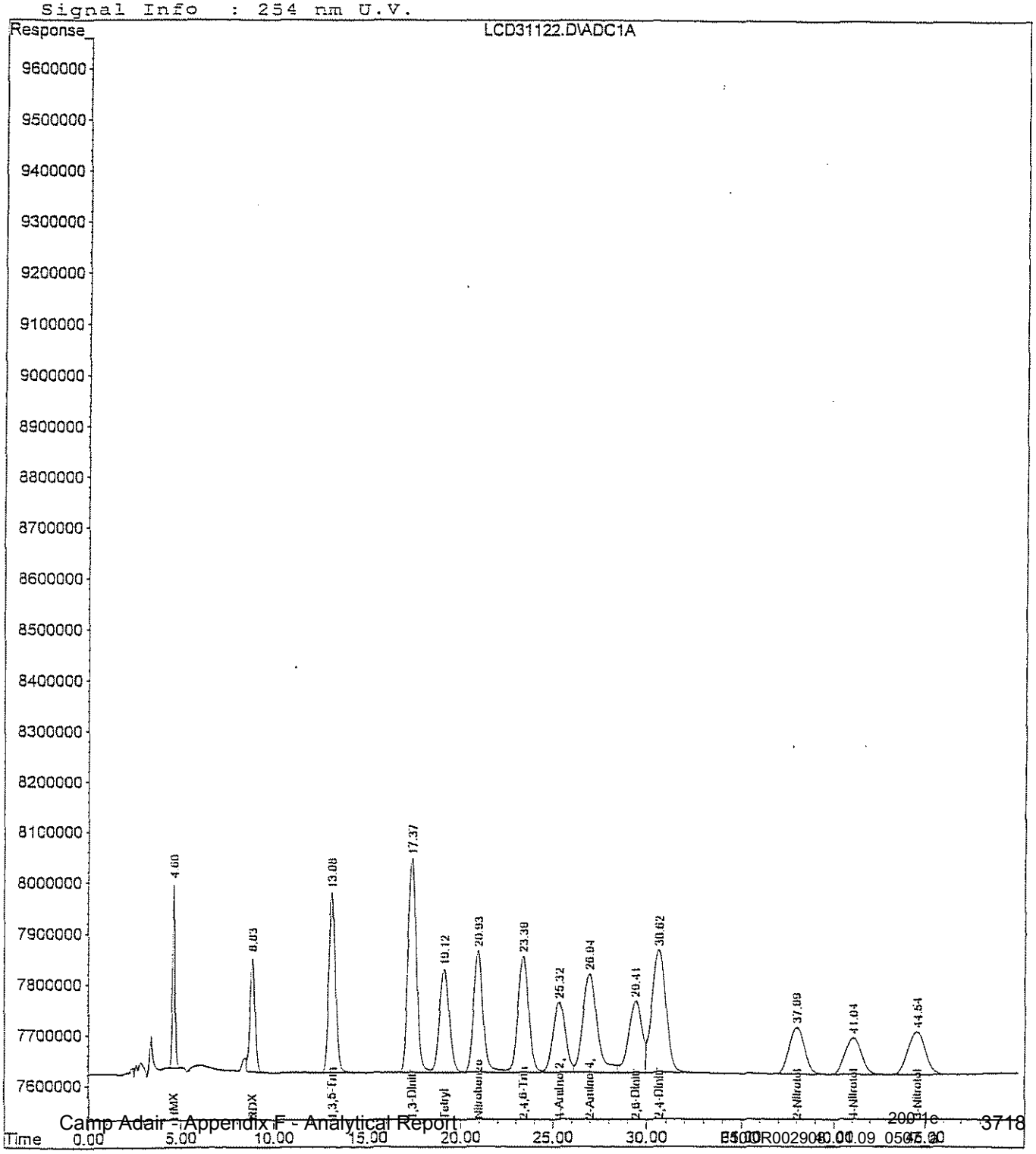
Quantitation Report

Data File : H:\LCDATA\LCD\062406\LCD31122.D
Acq On : 24 Jun 2006 18:40
Sample : 8330MIX- ICV
Misc : C CAL
IntFile : events.e
Quant Time: Jun 25 8:48 2006 Quant Results File: 6624833.RES

Vial: 8
Operator: SS
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 01 10:00:05 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT TYPE: LCD
COLUMN: C8 ANALYST SS
DATE: 06/24/06-06/27/06 DATE 09/12/06

COMPOUND	LCD31123 Retent Time 1	LCD31145 Retent Time 2	LCD31167 Retent Time 3	AVG	Stand Dev	3X Stnd Dev	Average Peak Width	RT WINDOW
4-Nitroaniline(Surr.)	7.070	7.080	7.060	7.070	0.010	0.030	0.30	0.15
HMX	4.600	4.610	4.610	4.607	0.006	0.017	0.30	0.15
1,3,5-Trinitrobenzene	13.110	13.130	13.100	13.113	0.015	0.046	0.50	0.25
Tetryl	19.190	19.210	19.160	19.187	0.025	0.075	0.70	0.35
2,4,6-Trinitrotoluene	23.430	23.460	23.430	23.440	0.017	0.052	0.80	0.40
4-ADNT	25.330	25.370	25.310	25.337	0.031	0.092	0.80	0.40
2,6-Dinitrotoluene	29.400	29.480	29.430	29.437	0.040	0.121	0.80	0.40
4-Nitrotoluene	40.990	41.160	41.060	41.070	0.085	0.256	0.90	0.45
RDX	8.860	8.870	8.850	8.860	0.010	0.030	0.40	0.20
1,3-Dinitrobenzene	17.430	17.440	17.400	17.423	0.021	0.062	0.50	0.25
Nitrobenzene	20.970	20.990	20.960	20.973	0.015	0.046	0.50	0.25
2-ADNT	26.950	27.000	26.930	26.960	0.036	0.108	0.70	0.35
2,4-Dinitrotoluene	30.600	30.690	30.620	30.637	0.047	0.142	0.60	0.30
2-Nitrotoluene	37.930	38.090	38.000	38.007	0.080	0.241	0.80	0.40
3-Nitrotoluene	44.460	44.630	44.540	44.543	0.085	0.255	0.80	0.40

Advisory Retention Time Windows are based on three daily calibration check standards
Run within a 72 hour window

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006

Calibration Files
LEV1 =LCD32278.D LEV2 =LCD32279.D LEV3 =LCD32280.D
LEV4 =LCD32281.D LEV5 =LCD32282.D

	Compound	LEV1	LEV2	LEV3	LEV4	LEV5	Avg	%RSD
1) S	4-NITROANILINE	1.599	1.375	1.373	1.366	1.338	1.410 E5	7.55
2) M	NITROGLYCERINE	2.212	1.960	2.067	2.032	1.984	2.051 E6	4.82

(#) = Out of Range
6818NGPT.M Wed Sep 13 19:19:02 2006 A

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32277.D Vial: 2
Acq On : 18 Aug 2006 21:34 Operator: AG
Sample : NG/PETN-BLK Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
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
3) M PETN	0.00	0	N.D. PPM

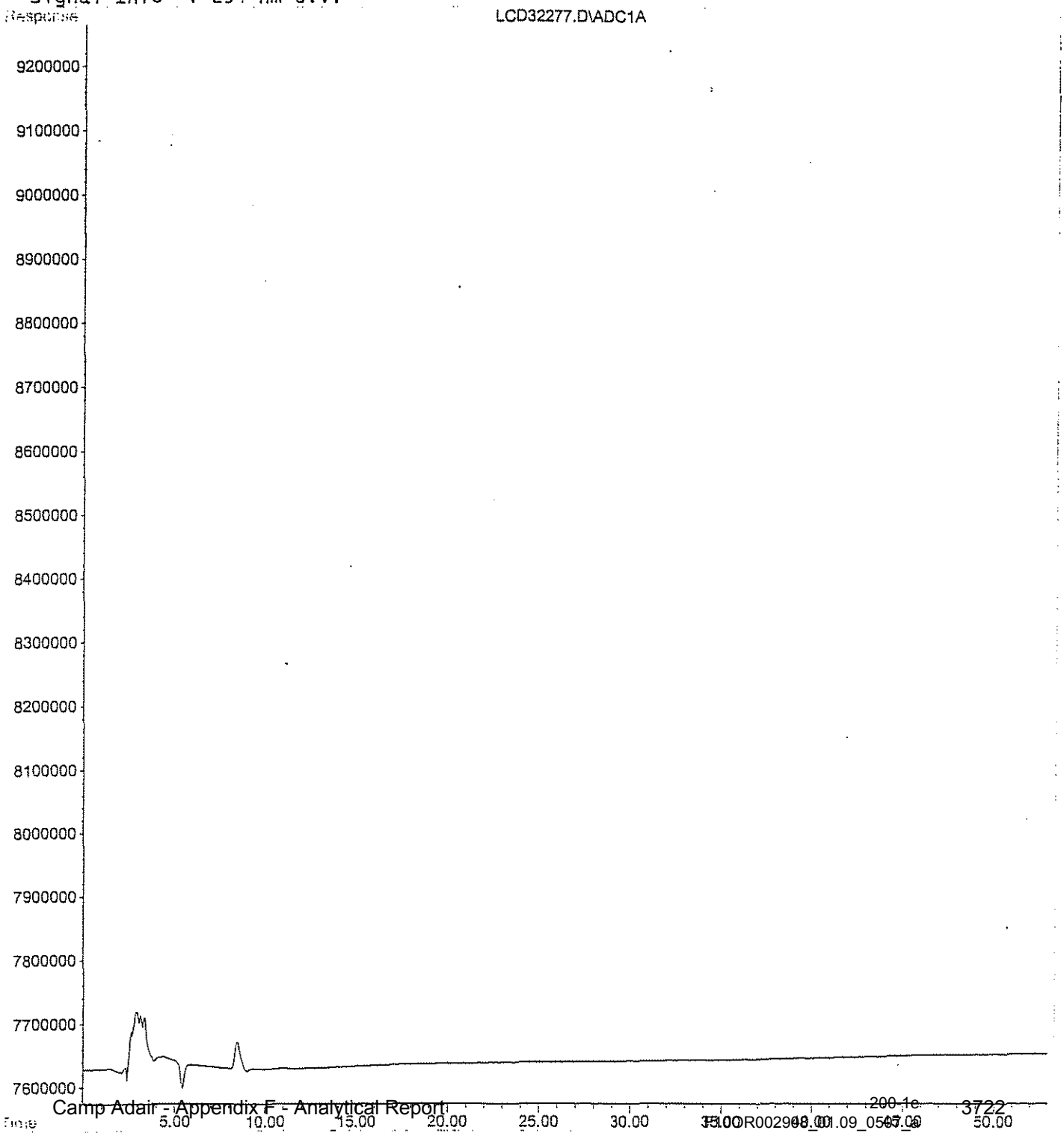
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32277.D 6818NGPT.M Wed Sep 13 19:18:22 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32277.D Vial: 2
Acq On : 18 Aug 2006 21:34 Operator: AG
Sample : NG/PETN-BLK Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:13 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 : I:\LCDATA\LCD\081806\LCD32278.D Vial: 3
Acq On : 18 Aug 2006 22:31 Operator: AG
Sample : NG/PETN-LEV1 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:12 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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				
1) S 4-NITROANILINE	7.36	3996876	28.099 PPB	m
Spiked Amount 300.000		Recovery =	9.37%	
Target Compounds				
2) M NITROGLYCERINE	22.35	2211512	1.076 PPM	m
3) M PETN	45.67	8222931	4.610 PPM	m

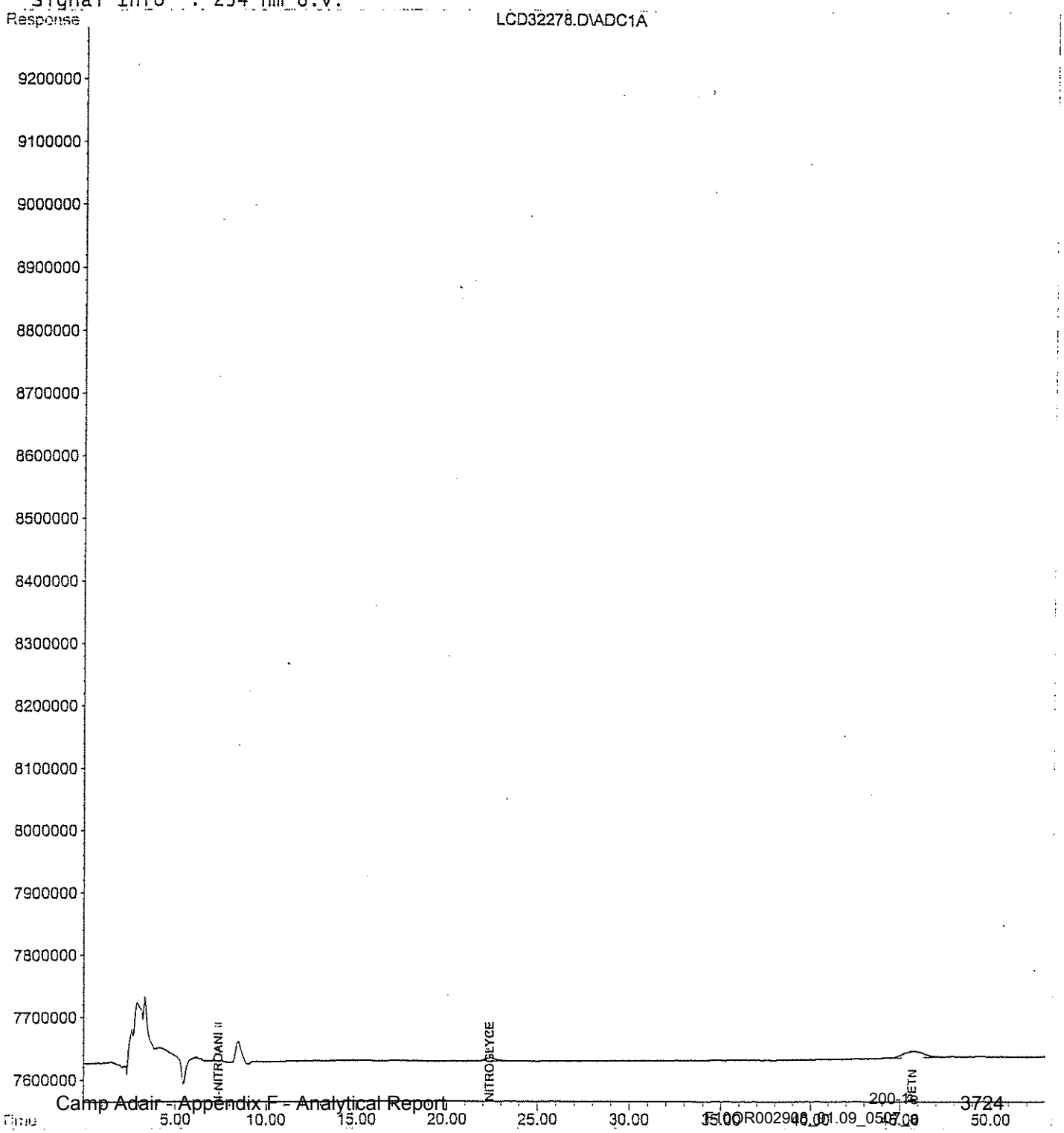
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32278.D 6818NGPT.M Wed Sep 13 19:18:34 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32278.D Vial: 3
Acq On : 18 Aug 2006 22:31 Operator: AG
Sample : NG/PETN-LEV1 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:12 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32278.D 6818NGPT.M Wed Sep 13 19:18:35 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32279.D Vial: 4
Acq On : 18 Aug 2006 23:29 Operator: AG
Sample : NG/PETN-LEV2 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	17186001	120.821 PPB m
Spiked Amount 300.000		Recovery =	40.27%
Target Compounds			
2) M NITROGLYCERINE	22.34	9800802	4.770 PPM
3) M PETN	45.71	43911827	24.616 PPM

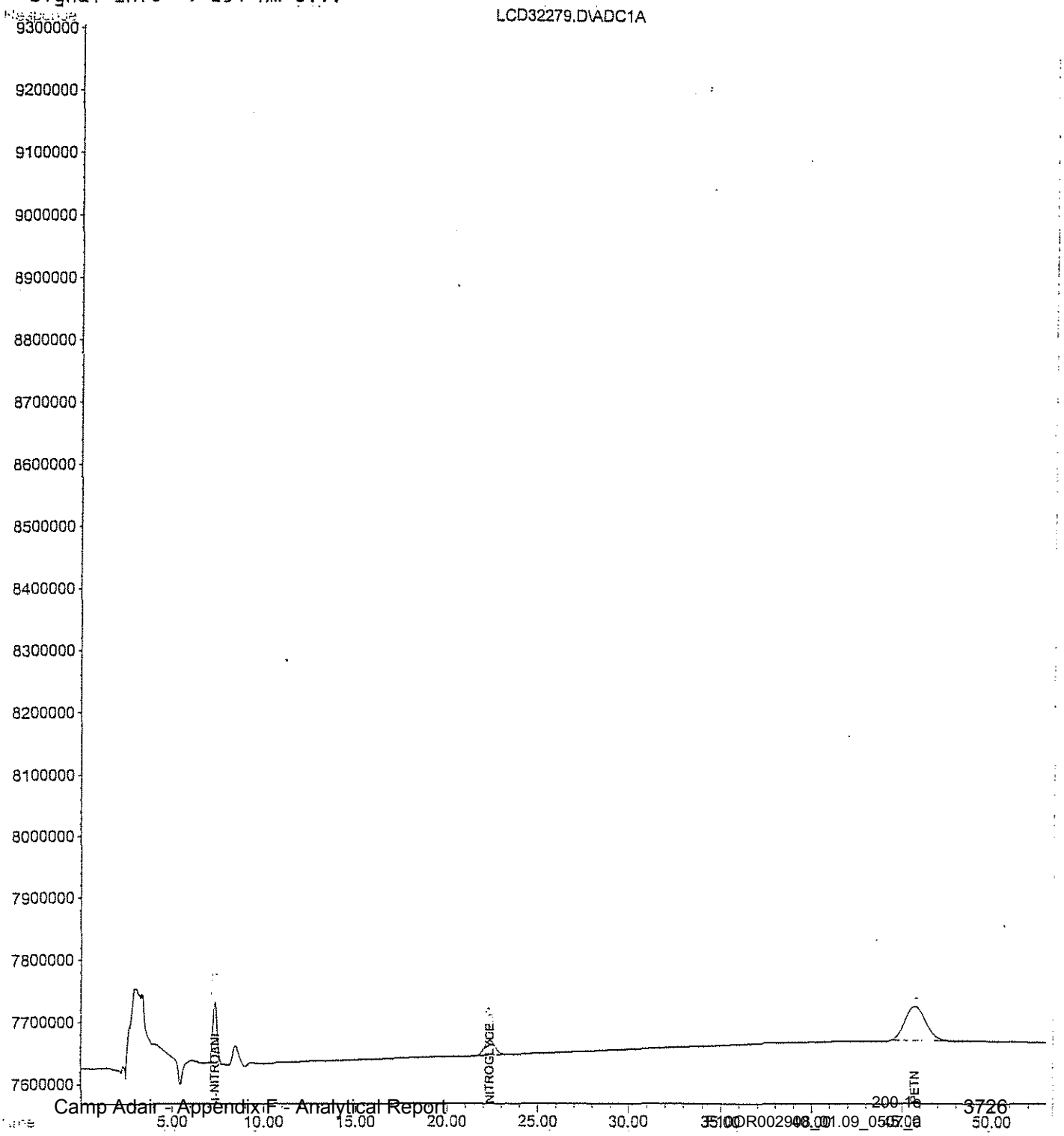
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32279.D 6818NGPT.M Wed Sep 13 19:18:36 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32279.D Vial: 4
Acq On : 18 Aug 2006 23:29 Operator: AG
Sample : NG/PETN-LEV2 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32279.D 6818NGPT.M Wed Sep 13 19:18:37 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32280.D Vial: 5
Acq On : 19 Aug 2006 00:26 Operator: AG
Sample : NG/PETN-LEV3 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	34317914	241.262 PPB
Spiked Amount 300.000		Recovery =	80.42%
Target Compounds			
2) M NITROGLYCERINE	22.33	20674257	10.063 PPM m
3) M PETN	45.71	91128397	51.085 PPM

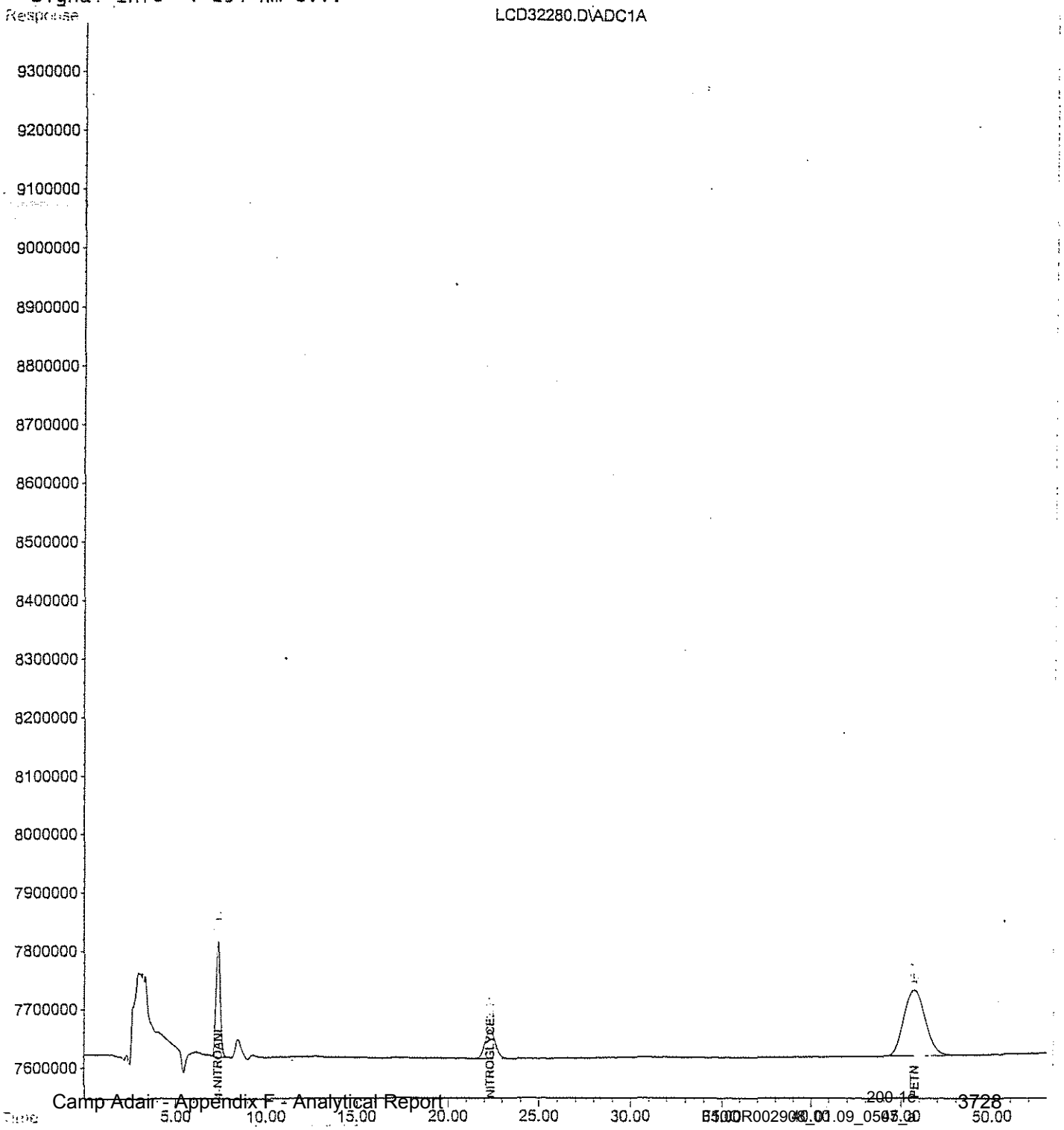
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32280.D 6818NGPT.M Wed Sep 13 19:18:38 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32280.D Vial: 5
Acq On : 19 Aug 2006 00:26 Operator: AG
Sample : NG/PETN-LEV3 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 : I:\LCDATA\LCD\081806\LCD32281.D Vial: 6
Acq On : 19 Aug 2006 1:23 Operator: AG
Sample : NG/PETN-LEV4 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.33	68287825	480.078 PPB
Spiked Amount 300.000		Recovery =	160.03%
Target Compounds			
2) M NITROGLYCERINE	22.30	40642810	19.782 PPM
3) M PETN	45.72	178671951	100.161 PPM

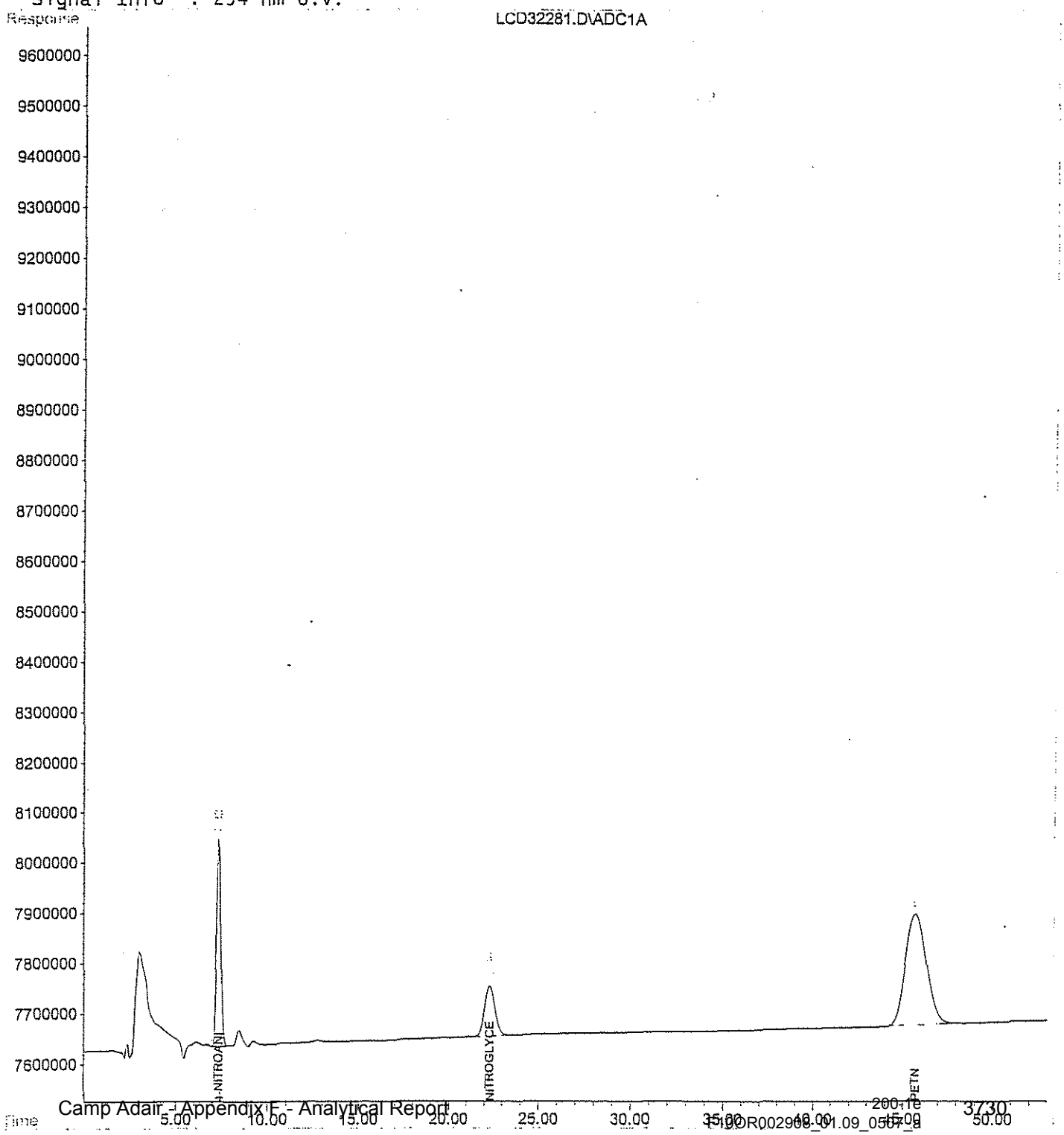
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32281.D 6818NGPT.M Wed Sep 13 19:18:41 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32281.D Vial: 6
Acq On : 19 Aug 2006 1:23 Operator: AG
Sample : NG/PETN-LEV4 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:10 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32281.D 6818NGPT.M Wed Sep 13 19:18:41 2006 A Page 2

Quantitation Report (QT Reviewed)

Data File : I:\LCDATA\LCD\081806\LCD32282.D Vial: 7
Acq On : 19 Aug 2006 2:21 Operator: AG
Sample : NG/PETN-LEV5 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:11 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	167309557	1176.223 PPB
Spiked Amount 300.000		Recovery =	392.07%
Target Compounds			
2) M NITROGLYCERINE	22.28	99197617	48.283 PPM
3) M PETN	45.68	271102205	151.976 PPM

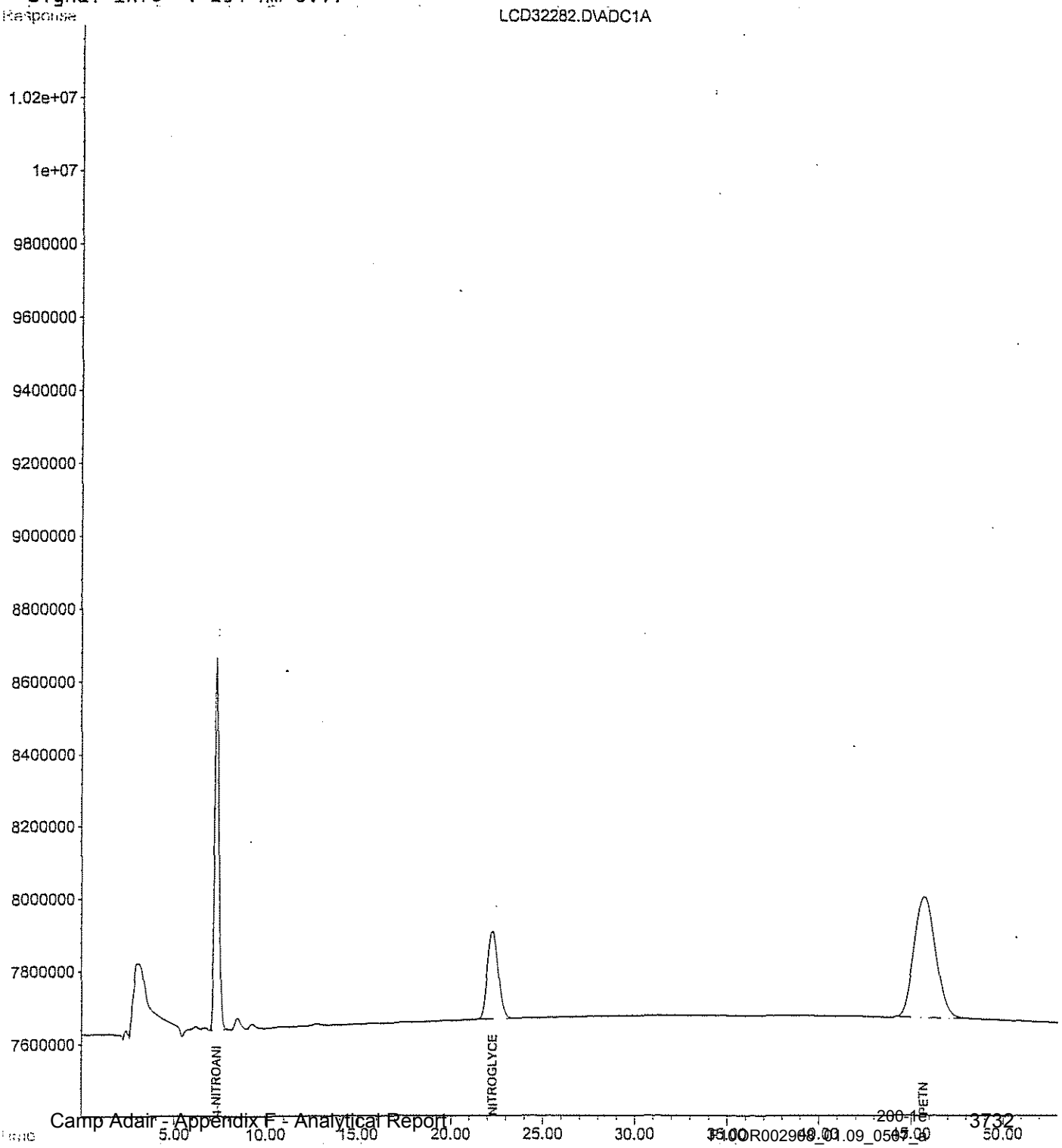
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD32282.D 6818NGPT.M Wed Sep 13 19:18:43 2006 A Page 1

Quantitation Report

Data File : I:\LCDATA\LCD\081806\LCD32282.D Vial: 7
Acq On : 19 Aug 2006 2:21 Operator: AG
Sample : NG/PETN-LEV5 Inst : LCD
Misc : ICAL Multiplr: 1.00
IntFile : events.e
Quant Time: Aug 19 10:11 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
Response via : Multiple Level Calibration
DataAcq Meth : 8330MIX.M

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



LCD32282.D 6818NGPT.M Wed Sep 13 19:18:43 2006 A Page 2

8330 RETENTION TIME WINDOW ESTABLISHMENT

INTRUMENT: LCD CD32666 LCD3269 CD32713
COLUMN: C8 ANALYST SS
DATE: 09/11/2006-09/14/2006

COMPOUND	RT1	PW1	RT2	PW2	RT3	PW3	Avg RT	3x RT Std De	Avg PW	RT Window
4-Nitroaniline(Surr.)	7.21	7.07	7.23	0.31	7.31	0.30	7.250	0.159	2.56	1.28
Nitroglycerine	21.93	21.96	21.94	0.51	22.31	0.53	22.060	0.650	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

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Sat Sep 30 12:45:03 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33023.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	148.841	141.918	E3	4.7	100
2	S	4-Nitroaniline	133.762	134.120	E3	-0.3	98
3	T	1,3,5-Trinitrobenzene	395.682	396.278	E3	-0.2	102
4	T	Tetryl	273.783	292.537	E3	-6.8	102
5	T	2,4,6-Trinitrotoluene	365.295	367.405	E3	-0.6	100
6	T	4-Amino-2,6-Dinitrotoluene	288.885	258.314	E3	10.6	93
7	T	2,6-Dinitrotoluene	260.645	256.262	E3	1.7	101
8	T	4-Nitrotoluene	192.745	196.959	E3	-2.2	104
9	M	RDX	188.524	172.105	E3	8.7	96
10	M	1,3-Dinitrobenzene	547.937	542.114	E3	1.1	101
11	M	Nitrobenzene	377.618	359.019	E3	4.9	100
12	M	2-Amino-4,6-Dinitrotoluene	392.935	373.672	E3	4.9	98
13	M	2,4-Dinitrotoluene	537.145	520.669	E3	3.1	99
14	M	2-Nitrotoluene	230.650	228.489	E3	0.9	102
15	M	3-Nitrotoluene	244.988	246.514	E3	-0.6	102

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD33023.D 6624833.M Sat Sep 30 12:45:06 2006 A Page 1

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33023.D Vial: 5
Acq On : 27 Sep 2006 23:04 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 10:48 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

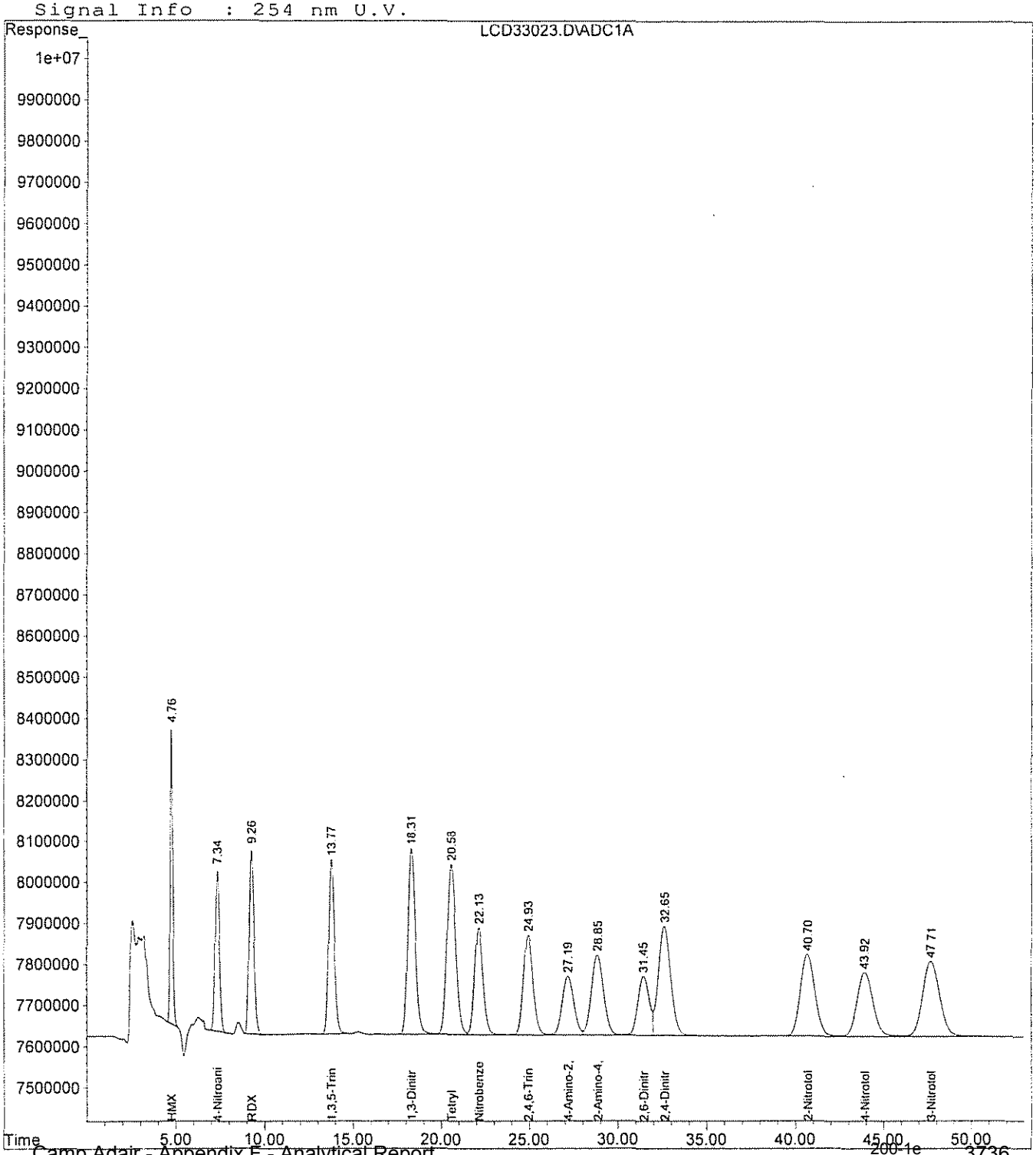
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.34	67060144	501.341	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 167.11%#	
Target Compounds						
1)	T	HMX	4.76	70958906	476.742	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.78	99069569	250.377	ng/ml
4)	T	Tetryl	20.58	146268324	534.249	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.93	91851211	251.444	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.19	64578568	223.544	ng/ml
7)	T	2,6-Dinitrotoluene	31.46	64065563	245.796	ng/ml
8)	T	4-Nitrotoluene	43.94	98479582	510.931	ng/ml
9)	M	RDX	9.26	86052305	456.454	ng/ml
10)	M	1,3-Dinitrobenzene	18.31	135528515	247.343	ng/ml
11)	M	Nitrobenzene	22.13	89754776	237.687	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.85	93417999	237.744	ng/ml
13)	M	2,4-Dinitrotoluene	32.65	130167216	242.332	ng/ml
14)	M	2-Nitrotoluene	40.70	114244685	495.316	ng/ml
15)	M	3-Nitrotoluene	47.71	123257120	503.114	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33023.D Vial: 5
Acq On : 27 Sep 2006 23:04 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 10:48 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Sat Sep 30 12:45:21 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33036.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	148.841	144.028	E3	3.2	101
2	S	4-Nitroaniline	133.762	137.060	E3	-2.5	100
3	T	1,3,5-Trinitrobenzene	395.682	399.036	E3	-0.8	103
4	T	Tetryl	273.783	293.370	E3	-7.2	103
5	T	2,4,6-Trinitrotoluene	365.295	371.438	E3	-1.7	101
6	T	4-Amino-2,6-Dinitrotoluene	288.885	264.537	E3	8.4	95
7	T	2,6-Dinitrotoluene	260.645	256.730	E3	1.5	101
8	T	4-Nitrotoluene	192.745	190.767	E3	1.0	101
9	M	RDX	188.524	173.602	E3	7.9	96
10	M	1,3-Dinitrobenzene	547.937	545.064	E3	0.5	102
11	M	Nitrobenzene	377.618	354.929	E3	6.0	99
12	M	2-Amino-4,6-Dinitrotoluene	392.935	379.268	E3	3.5	99
13	M	2,4-Dinitrotoluene	537.145	524.497	E3	2.4	100
14	M	2-Nitrotoluene	230.650	226.523	E3	1.8	101
15	M	3-Nitrotoluene	244.988	244.183	E3	0.3	101

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33036.D Vial: 18
Acq On : 28 Sep 2006 11:46 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 14:45 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

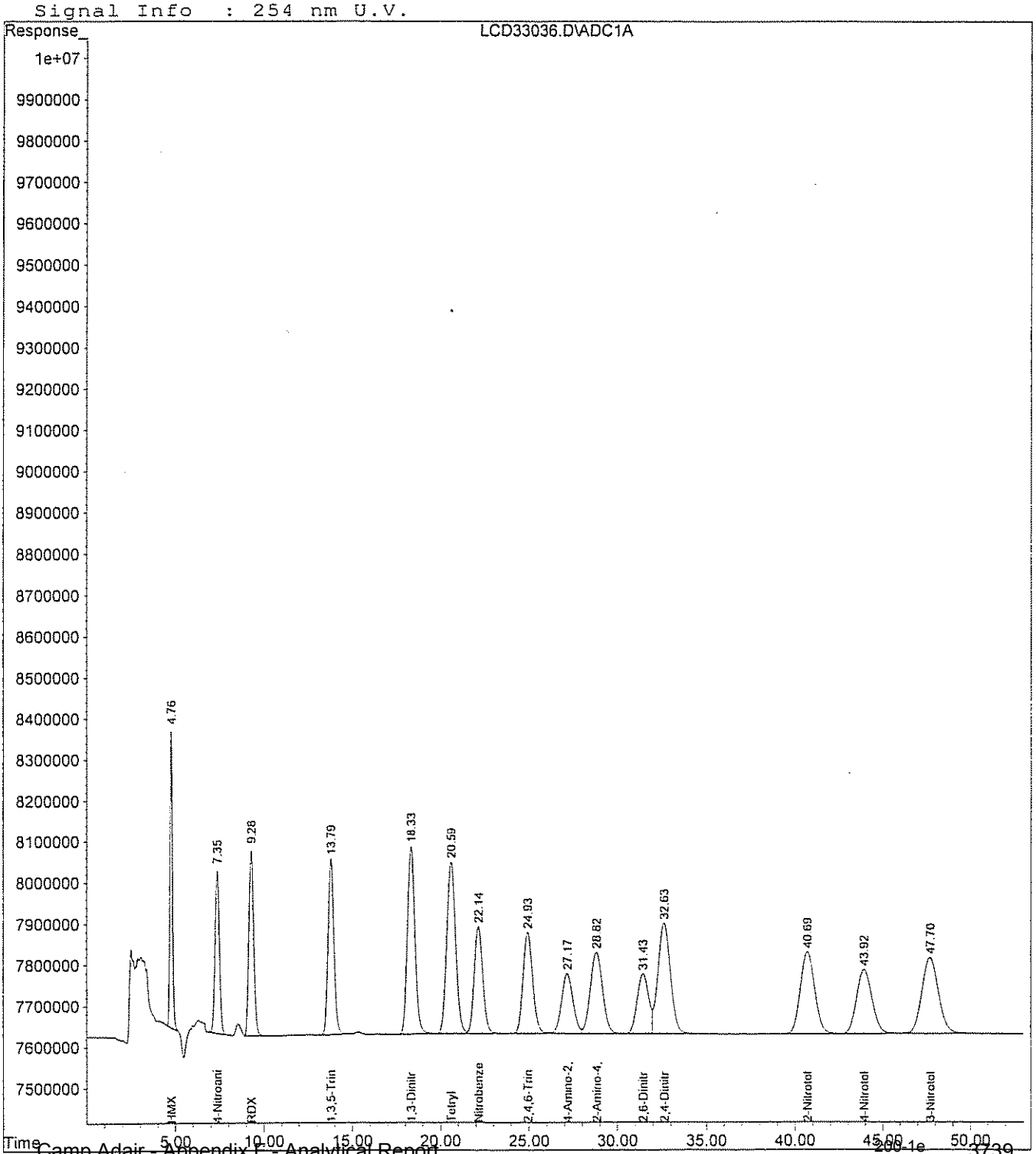
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.35	68529856	512.329	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery	= 170.78%#	
Target Compounds						
1)	T	HMX	4.76	72013810	483.829	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.79	99758974	252.119	ng/ml
4)	T	Tetryl	20.59	146685107	535.772	ng/ml
5)	T	2,4,6-Trinitrotoluene	24.93	92859446	254.204	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.17	66134320	228.929	ng/ml
7)	T	2,6-Dinitrotoluene	31.44	64182498	246.245	ng/ml
8)	T	4-Nitrotoluene	43.92	95383645	494.868	ng/ml
9)	M	RDX	9.28	86801190	460.426	ng/ml
10)	M	1,3-Dinitrobenzene	18.33	136266039	248.689	ng/ml
11)	M	Nitrobenzene	22.14	88732235	234.979	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	28.82	94816890	241.304	ng/ml
13)	M	2,4-Dinitrotoluene	32.63	131124195	244.113	ng/ml
14)	M	2-Nitrotoluene	40.69	113261680	491.054	ng/ml
15)	M	3-Nitrotoluene	47.69	122091346	498.356	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33036.D Vial: 18
Acq On : 28 Sep 2006 11:46 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 14:45 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Sat Sep 30 12:45:38 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33049.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	148.841	143.772	E3	3.4	101
2	S	4-Nitroaniline	133.762	135.926	E3	-1.6	99
3	T	1,3,5-Trinitrobenzene	395.682	396.340	E3	-0.2	102
4	T	Tetryl	273.783	291.477	E3	-6.5	102
5	T	2,4,6-Trinitrotoluene	365.295	366.490	E3	-0.3	100
6	T	4-Amino-2,6-Dinitrotoluene	288.885	259.681	E3	10.1	94
7	T	2,6-Dinitrotoluene	260.645	254.825	E3	2.2	100
8	T	4-Nitrotoluene	192.745	191.751	E3	0.5	102
9	M	RDX	188.524	173.022	E3	8.2	96
10	M	1,3-Dinitrobenzene	547.937	541.684	E3	1.1	101
11	M	Nitrobenzene	377.618	357.966	E3	5.2	100
12	M	2-Amino-4,6-Dinitrotoluene	392.935	372.081	E3	5.3	97
13	M	2,4-Dinitrotoluene	537.145	520.014	E3	3.2	99
14	M	2-Nitrotoluene	230.650	227.335	E3	1.4	101
15	M	3-Nitrotoluene	244.988	242.681	E3	0.9	101

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

LCD33049.D 6624833.M Sat Sep 30 12:45:41 2006 A

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33049.D Vial: 31
Acq On : 29 Sep 2006 00:11 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 14:13 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

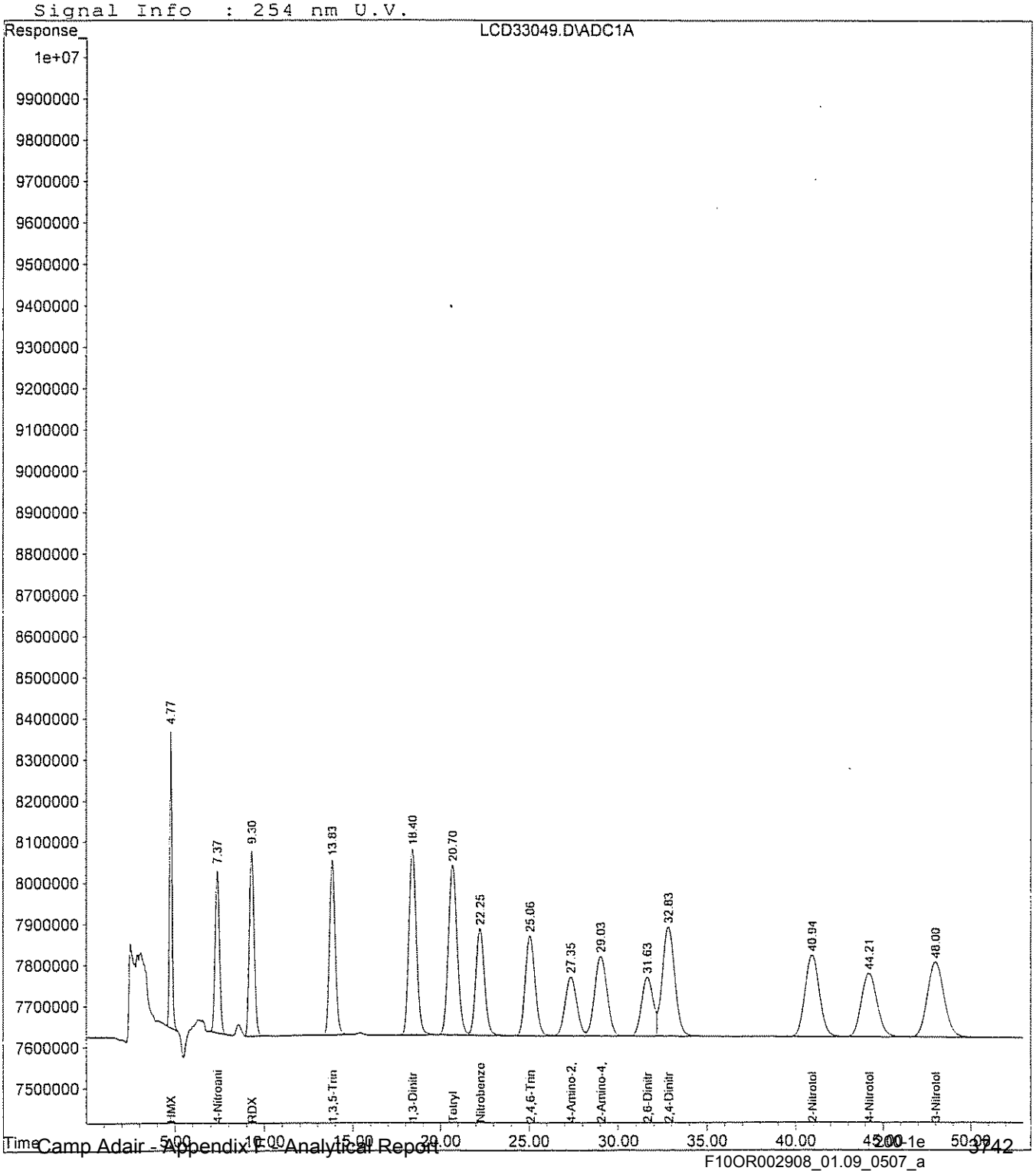
		Compound	R.T.	Response	Conc	Units
System Monitoring Compounds						
2)	S	4-Nitroaniline	7.37	67962909	508.090	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 169.36%#						
Target Compounds						
1)	T	HMX	4.77	71886085	482.971	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.83	99084877	250.415	ng/ml
4)	T	Tetryl	20.70	145738702	532.315	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.06	91622515	250.818	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.36	64920126	224.726	ng/ml
7)	T	2,6-Dinitrotoluene	31.64	63706276	244.417	ng/ml
8)	T	4-Nitrotoluene	44.20f	95875731	497.421	ng/ml
9)	M	RDX	9.30	86510949	458.887	ng/ml
10)	M	1,3-Dinitrobenzene	18.40	135421085	247.147	ng/ml
11)	M	Nitrobenzene	22.25	89491407	236.990	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.03	93020319	236.732	ng/ml
13)	M	2,4-Dinitrotoluene	32.83	130003588	242.027	ng/ml
14)	M	2-Nitrotoluene	40.94f	113667410	492.813	ng/ml
15)	M	3-Nitrotoluene	48.00f	121340588	495.291	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33049.D Vial: 31
Acq On : 29 Sep 2006 00:11 Operator: AG
Sample : 8330MIX Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 14:13 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Sep 30 12:43:20 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33024.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	141.012	110.100	E3	21.9#	80
2	M	NITROGLYCERINE	2.051	1.999	E6	2.5	97

(#) = out of range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33024.D Vial: 6
Acq On : 28 Sep 2006 00:02 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 10:50 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.34	27524955	195.196 PPB
Spiked Amount 300.000		Recovery =	65.07%
Target Compounds			
2) M NITROGLYCERINE	22.38	19992851	9.748 PPM

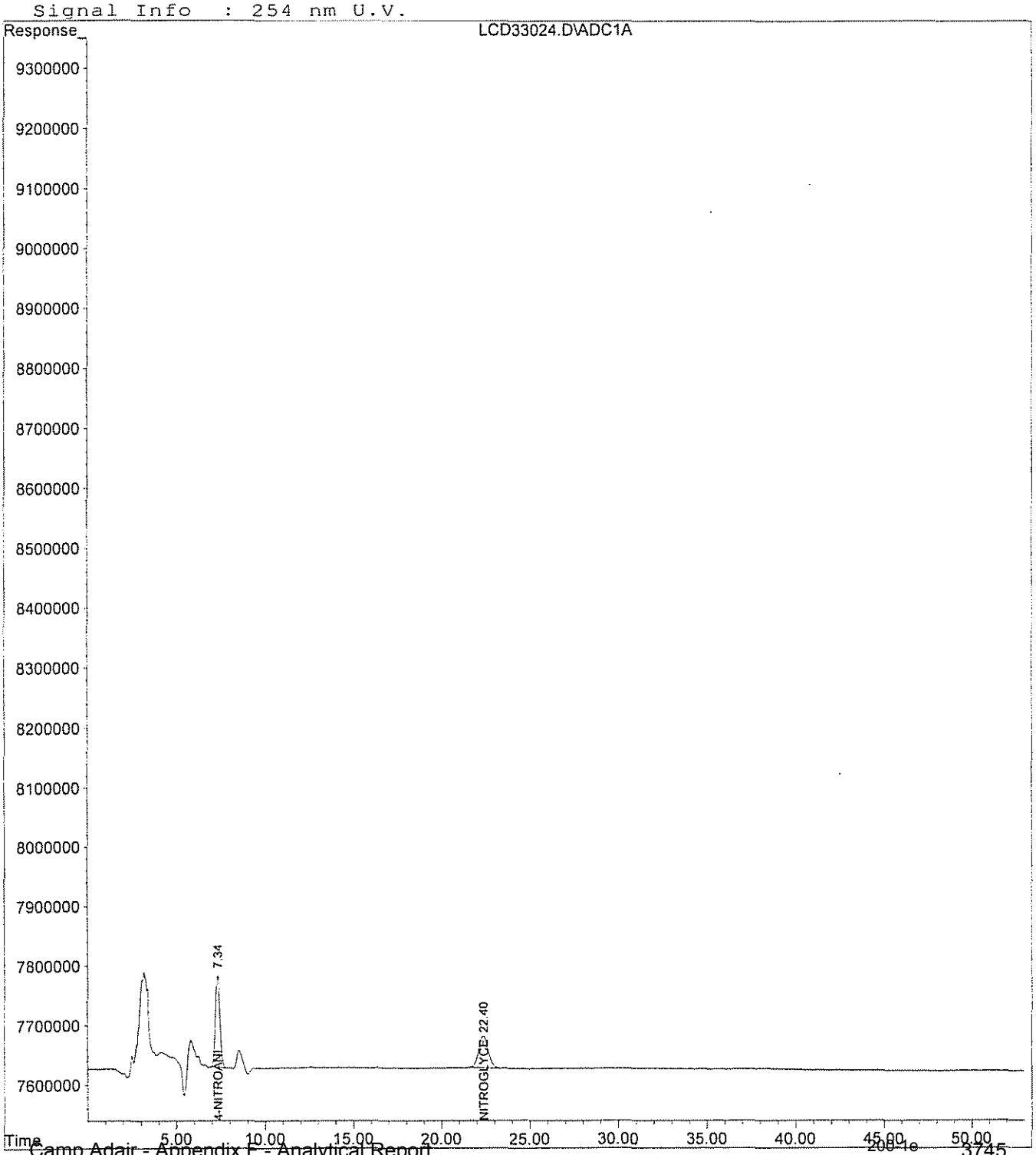
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33024.D 6818NGPT.M Sat Sep 30 12:43:31 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33024.D Vial: 6
Acq On : 28 Sep 2006 00:02 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 10:50 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Sep 30 12:43:49 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33037.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	141.012	112.551	E3	20.2#	82
2	M	NITROGLYCERINE	2.051	2.037	E6	0.7	99

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33037.D Vial: 19
Acq On : 28 Sep 2006 12:43 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 14:46 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.33	28137639	199.541	PPB	m
Spiked Amount 300.000		Recovery =	66.51%		
Target Compounds					
2) M NITROGLYCERINE	22.38	20366235	9.930	PPM	m

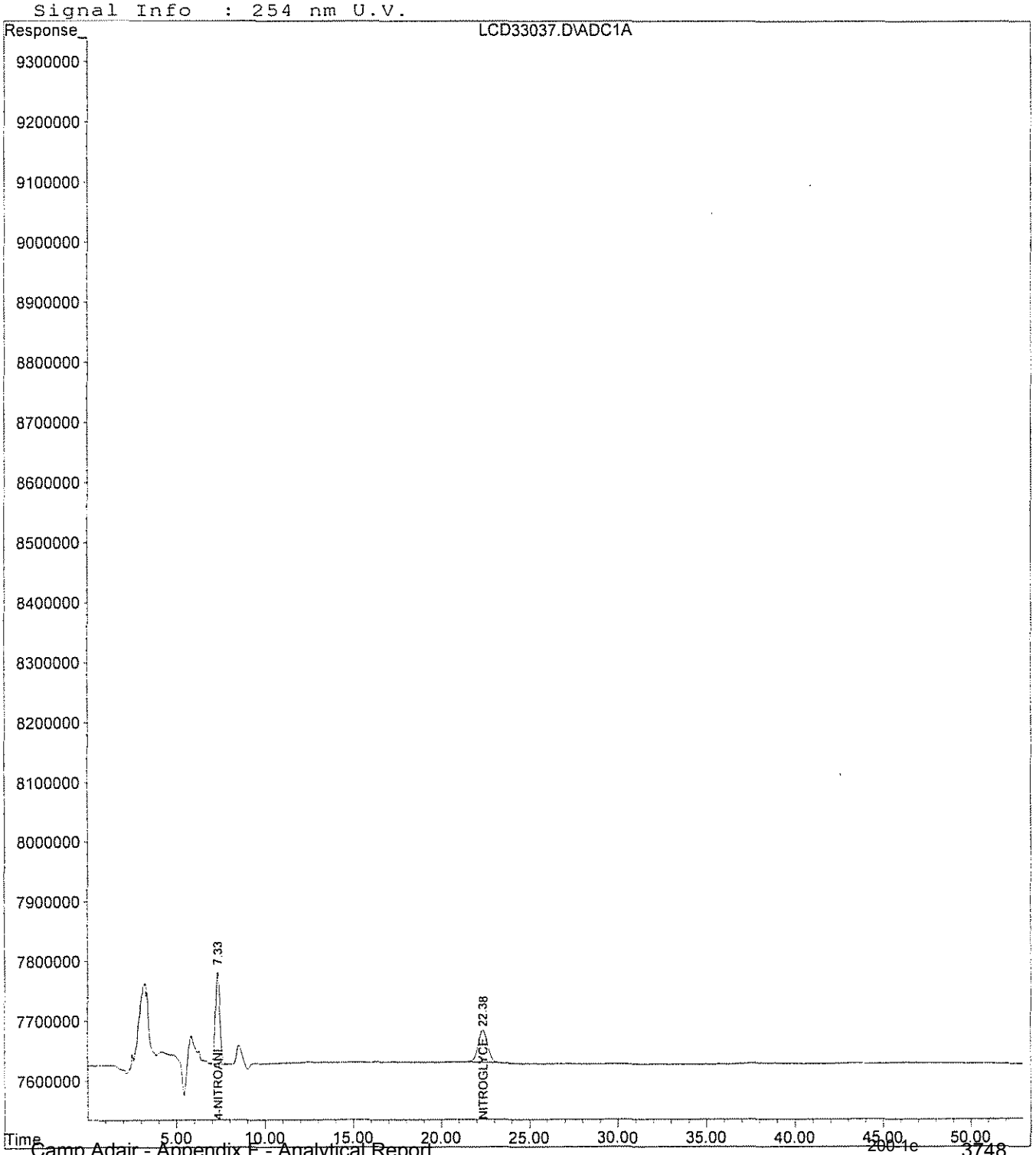
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33037.D 6818NGPT.M Sat Sep 30 12:43:59 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33037.D Vial: 19
Acq On : 28 Sep 2006 12:43 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 28 14:46 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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 LCD

Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Sep 30 12:44:24 2006
Response via : Initial Calibration

Continuing Calibration File: LCD33050.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	141.012	104.507	E3	25.9#	76
2	M	NITROGLYCERINE	2.051	1.762	E6	14.1	85

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33050.D Vial: 32
Acq On : 29 Sep 2006 1:09 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 14:15 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.38	26126643	185.280	PPB	m
Spiked Amount 300.000		Recovery =	61.76%		
Target Compounds					
2) M NITROGLYCERINE	22.50	17616795	8.589	PPM	m

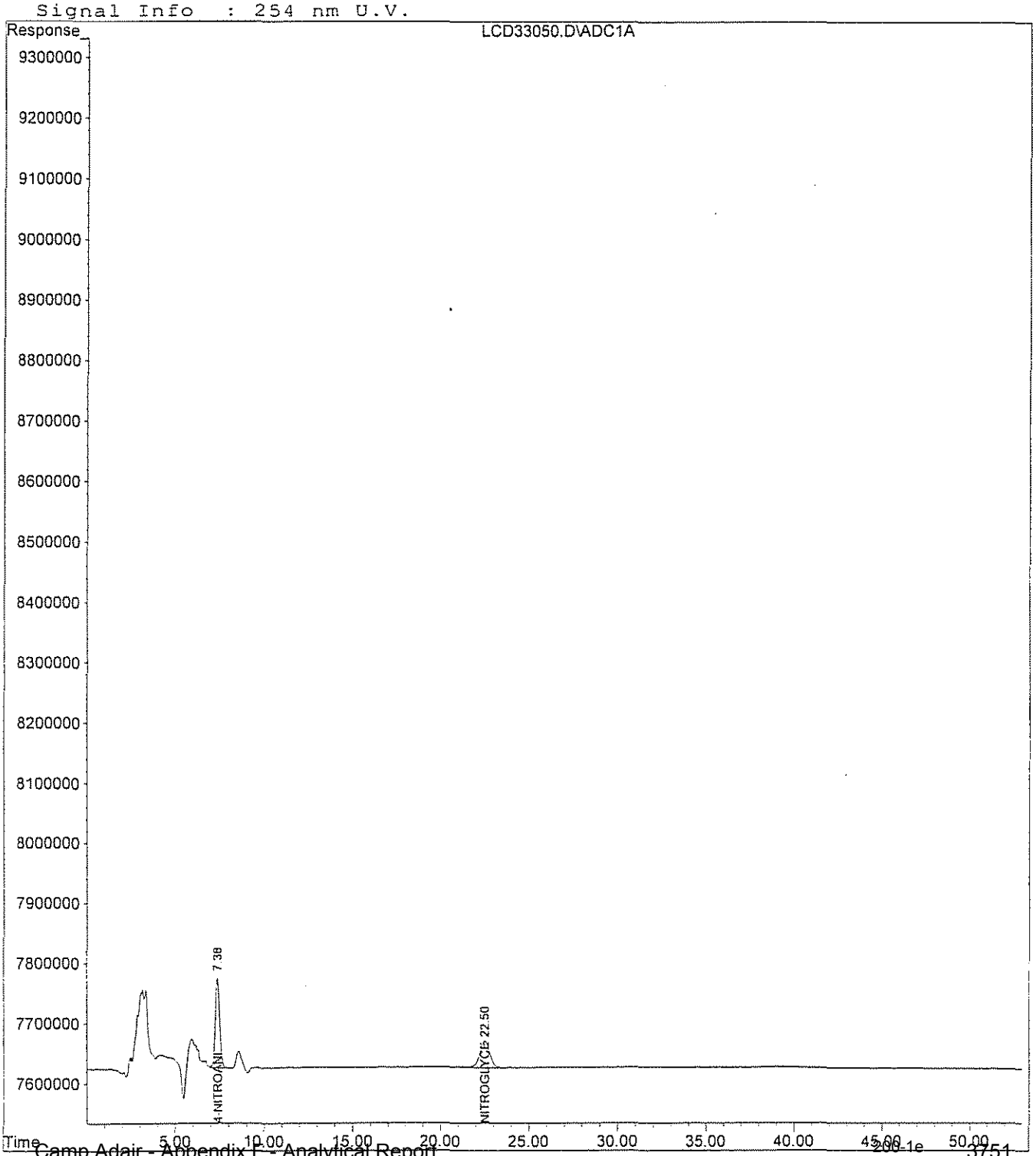
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33050.D 6818NGPT.M Sat Sep 30 12:44:33 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33050.D Vial: 32
Acq On : 29 Sep 2006 1:09 Operator: AG
Sample : 8330NG Inst : LCD
Misc : CCAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 29 14:15 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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

GPL Laboratories

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GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93852

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BLK93852
Sample Volume :	1000	Lab File ID :	LCD33030.D
% Moisture:		Date Received	
Extraction:	SW3535	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.20	U
99-65-0	1,3-Dinitrobenzene	0.20	U
118-96-7	2,4,6-Trinitrotoluene	0.20	U
121-14-2	2,4-Dinitrotoluene	0.20	U
606-20-2	2,6-Dinitrotoluene	0.20	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.20	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.20	U
2691-41-0	HMX	0.40	U
98-95-3	Nitrobenzene	0.20	U
121-82-4	RDX	0.40	U
479-45-8	Tetryl	0.40	U
99-08-1	m-Nitrotoluene	0.40	U
88-72-2	o-Nitrotoluene	0.40	U
99-99-0	p-Nitrotoluene	0.40	U

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK93854

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BLK93854
Sample Volume :	1000	Lab File ID :	LCD33030.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	20	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33030.D Vial: 12
Acq On : 28 Sep 2006 5:46 Operator: AG
Sample : BLK93852 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:23 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 2006
Response via : Initial Calibration
DataAcq Meth : 8330MIX.M

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

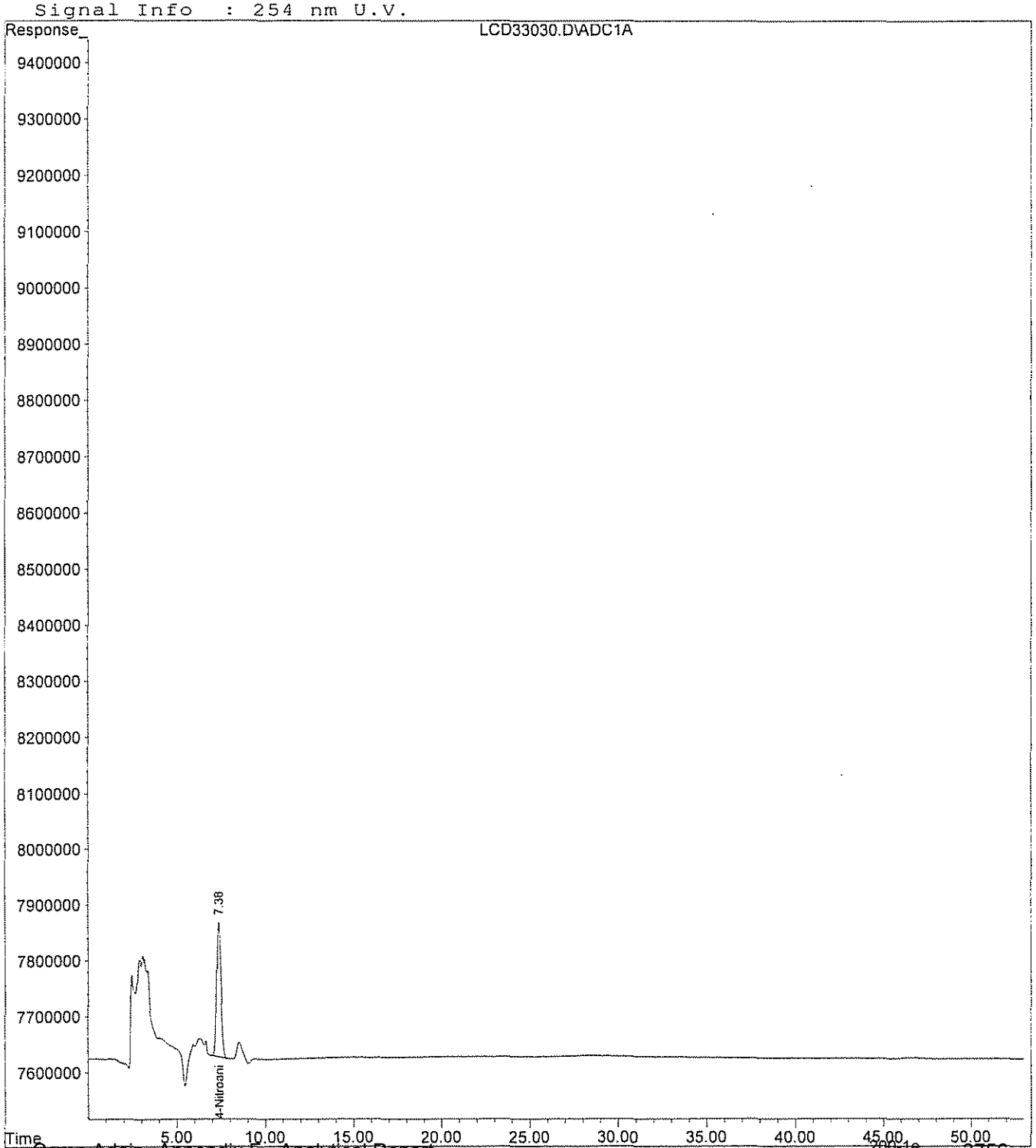
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
2)	S	4-Nitroaniline	7.38	40027551	299.246	ng/ml
Spiked Amount		300.000	Range 49 - 133	Recovery =	99.75%	
		Target Compounds				
1)	T	HMX	0.00	0	N.D.	ng/ml
3)	T	1,3,5-Trinitrobenzene	0.00	0	N.D.	ng/ml
4)	T	Tetryl	0.00	0	N.D.	ng/ml
5)	T	2,4,6-Trinitrotoluene	0.00	0	N.D.	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
7)	T	2,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
8)	T	4-Nitrotoluene	0.00	0	N.D.	ng/ml
9)	M	RDX	0.00	0	N.D.	ng/ml
10)	M	1,3-Dinitrobenzene	0.00	0	N.D.	ng/ml
11)	M	Nitrobenzene	0.00	0	N.D.	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	0.00	0	N.D.	ng/ml
13)	M	2,4-Dinitrotoluene	0.00	0	N.D.	ng/ml
14)	M	2-Nitrotoluene	0.00	0	N.D.	ng/ml
15)	M	3-Nitrotoluene	0.00	0	N.D.	ng/ml

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33030.D Vial: 12
Acq On : 28 Sep 2006 5:46 Operator: AG
Sample : BLK93852 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:23 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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\LCD\092506\0925NG\LCD33030.D Vial: 12
Acq On : 28 Sep 2006 5:46 Operator: AG
Sample : BLK93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:38 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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				
1) S 4-NITROANILINE	7.38	40030051	283.878	PPB
Spiked Amount 300.000		Recovery =	94.63%	
Target Compounds				
2) M NITROGLYCERINE	0.00	0	N.D.	PPM

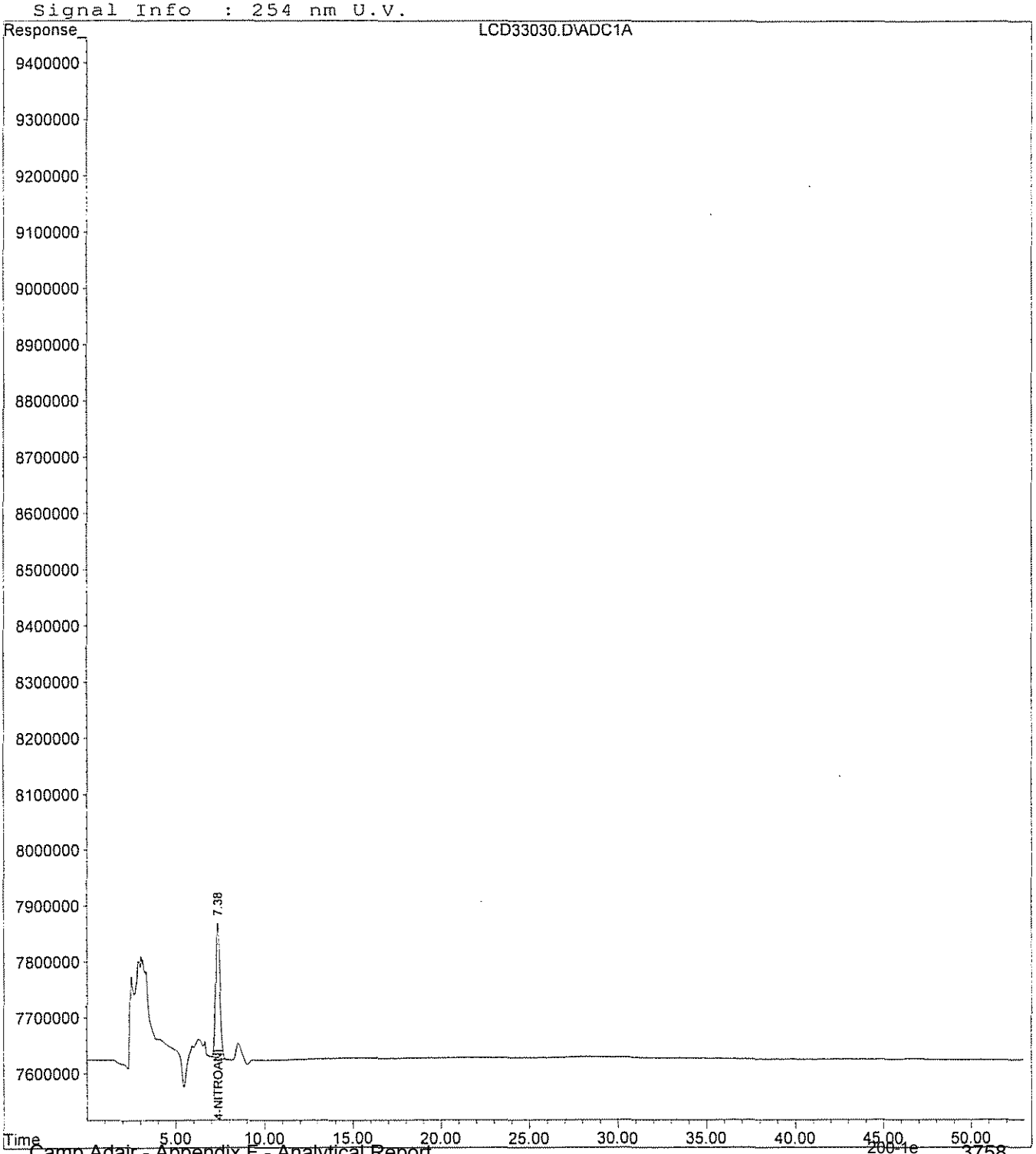
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33030.D 6818NGPT.M Sat Sep 30 12:42:53 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33030.D Vial: 12
Acq On : 28 Sep 2006 5:46 Operator: AG
Sample : BLK93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:38 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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
BKS93852

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKS93852
Sample Volume :	1000	Lab File ID :	LCD33031.D
% Moisture:		Date Received	
Extraction:	SW3535	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	3.1	
99-65-0	1,3-Dinitrobenzene	3.5	
118-96-7	2,4,6-Trinitrotoluene	3.5	
121-14-2	2,4-Dinitrotoluene	3.4	
606-20-2	2,6-Dinitrotoluene	3.5	
35572-78-2	2-Amino-4,6-Dinitrotoluene	3.4	
19406-51-0	4-Amino-2,6-Dinitrotoluene	3.2	
2691-41-0	HMX	3.5	
98-95-3	Nitrobenzene	3.3	
121-82-4	RDX	3.4	
479-45-8	Tetryl	3.2	
99-08-1	m-Nitrotoluene	3.4	
88-72-2	o-Nitrotoluene	3.5	
99-99-0	p-Nitrotoluene	3.4	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33031.D Vial: 13
Acq On : 28 Sep 2006 6:43 Operator: AG
Sample : BKS93852 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:24 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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	7.38	32214863	240.838	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 80.28%						
Target Compounds						
1)	T	HMX	4.77	25985660	174.586	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.83	62074552	156.880	ng/ml
4)	T	Tetryl	20.71	43287068	158.107	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.03	64370190	176.214	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.38	46487120	160.919	ng/ml
7)	T	2,6-Dinitrotoluene	31.59	45867361	175.976	ng/ml
8)	T	4-Nitrotoluene	44.08	32454173	168.378	ng/ml
9)	M	RDX	9.32	32412380	171.927	ng/ml
10)	M	1,3-Dinitrobenzene	18.41	95652019	174.568	ng/ml
11)	M	Nitrobenzene	22.24	62062874	164.354	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.04	67275062	171.212	ng/ml
13)	M	2,4-Dinitrotoluene	32.78	90373087	168.247	ng/ml
14)	M	2-Nitrotoluene	40.82	40001458	173.429	ng/ml
15)	M	3-Nitrotoluene	47.85	42275910	172.563	ng/ml

(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33031.D 6624833.M Sat Sep 30 12:30:43 2006 A Page 1

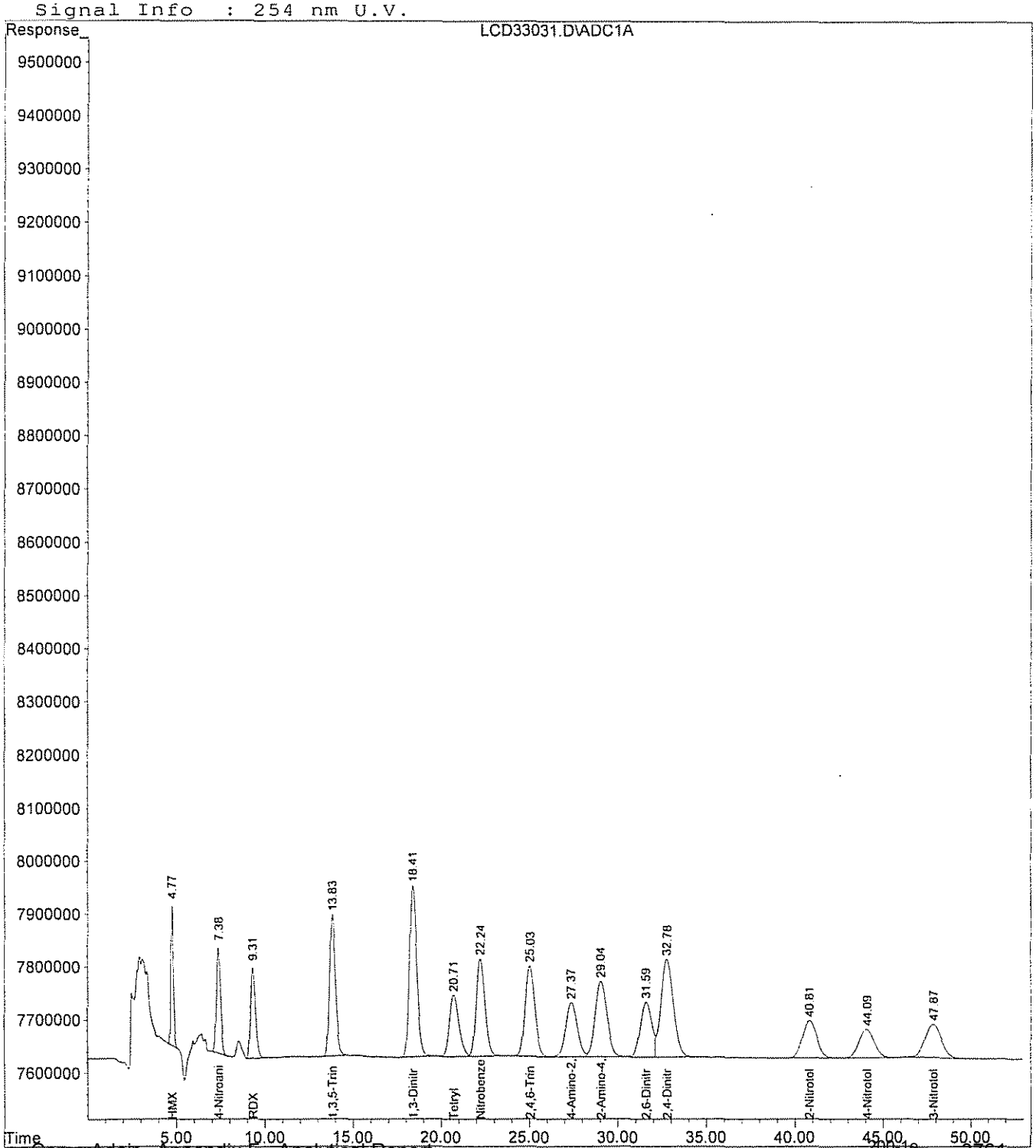
Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33031.D
Acq On : 28 Sep 2006 6:43
Sample : BKS93852
Misc : WATER
IntFile : events.e
Quant Time: Sep 30 12:24 2006 Quant Results File: 6624833.RES

Vial: 13
Operator: AG
Inst : LCD
Multiplr: 1.00

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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
BKS93854

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKS93854
Sample Volume :	1000	Lab File ID :	LCD33033.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	81	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33033.D Vial: 15
Acq On : 28 Sep 2006 8:38 Operator: AG
Sample : BKS93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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			
1) S 4-NITROANILINE	7.35	30502225	216.310 PPB
Spiked Amount 300.000		Recovery =	72.10%
Target Compounds			
2) M NITROGLYCERINE	22.40	8293578	4.044 PPM m

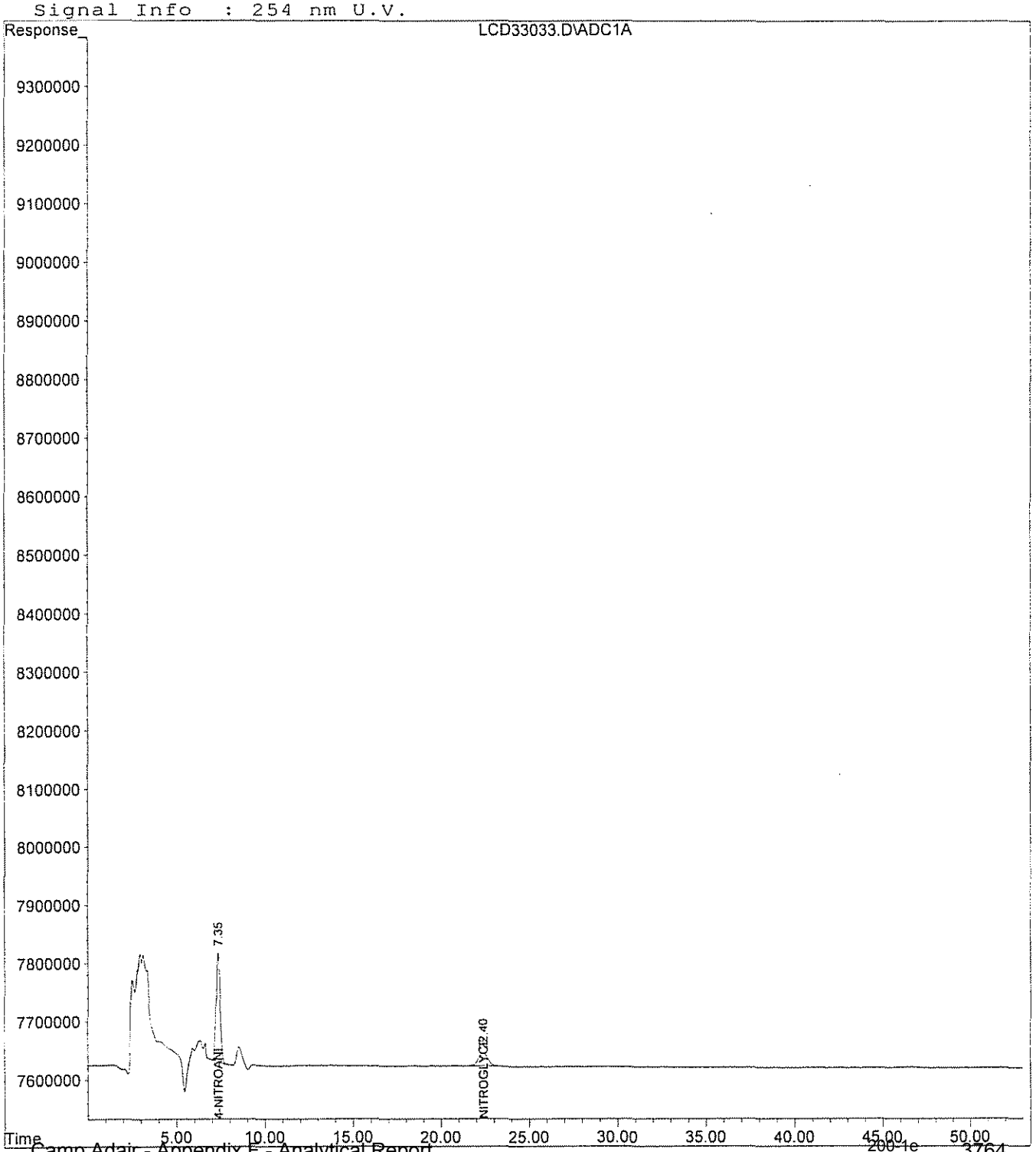
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33033.D 6818NGPT.M Sat Sep 30 12:42:55 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33033.D Vial: 15
Acq On : 28 Sep 2006 8:38 Operator: AG
Sample : BKS93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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
BKSD93852

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKSD93852
Sample Volume :	1000	Lab File ID :	LCD33032.D
% Moisture:		Date Received	
Extraction:	SW3535	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	3.0	
99-65-0	1,3-Dinitrobenzene	3.4	
118-96-7	2,4,6-Trinitrotoluene	3.4	
121-14-2	2,4-Dinitrotoluene	3.2	
606-20-2	2,6-Dinitrotoluene	3.4	
35572-78-2	2-Amino-4,6-Dinitrotoluene	3.3	
19406-51-0	4-Amino-2,6-Dinitrotoluene	3.1	
2691-41-0	HMX	3.4	
98-95-3	Nitrobenzene	3.2	
121-82-4	RDX	3.3	
479-45-8	Tetryl	3.1	
99-08-1	m-Nitrotoluene	3.6	
88-72-2	o-Nitrotoluene	3.4	
99-99-0	p-Nitrotoluene	3.4	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\LCD33032.D Vial: 14
Acq On : 28 Sep 2006 7:41 Operator: AG
Sample : BKSD93852 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:24 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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	7.37	34147226	255.284	ng/ml
Spiked Amount 300.000 Range 49 - 133 Recovery = 85.09%						
Target Compounds						
1)	T	HMX	4.76	25227919	169.495	ng/mlm
3)	T	1,3,5-Trinitrobenzene	13.81	60490805	152.877	ng/ml
4)	T	Tetryl	20.67	43086156	157.373	ng/ml
5)	T	2,4,6-Trinitrotoluene	25.00	62793607	171.899	ng/ml
6)	T	4-Amino-2,6-Dinitrotoluene	27.32	45162589	156.334	ng/ml
7)	T	2,6-Dinitrotoluene	31.57	44424439	170.440	ng/ml
8)	T	4-Nitrotoluene	44.10	32662178	169.458	ng/ml
9)	M	RDX	9.29	31161087	165.290	ng/ml
10)	M	1,3-Dinitrobenzene	18.37	92919446	169.581	ng/ml
11)	M	Nitrobenzene	22.20	60747417	160.870	ng/ml
12)	M	2-Amino-4,6-Dinitrotoluene	29.00	65224065	165.992	ng/ml
13)	M	2,4-Dinitrotoluene	32.76	87092416	162.139	ng/ml
14)	M	2-Nitrotoluene	40.83	39231842	170.092	ng/ml
15)	M	3-Nitrotoluene	47.86	44566423	181.912	ng/ml

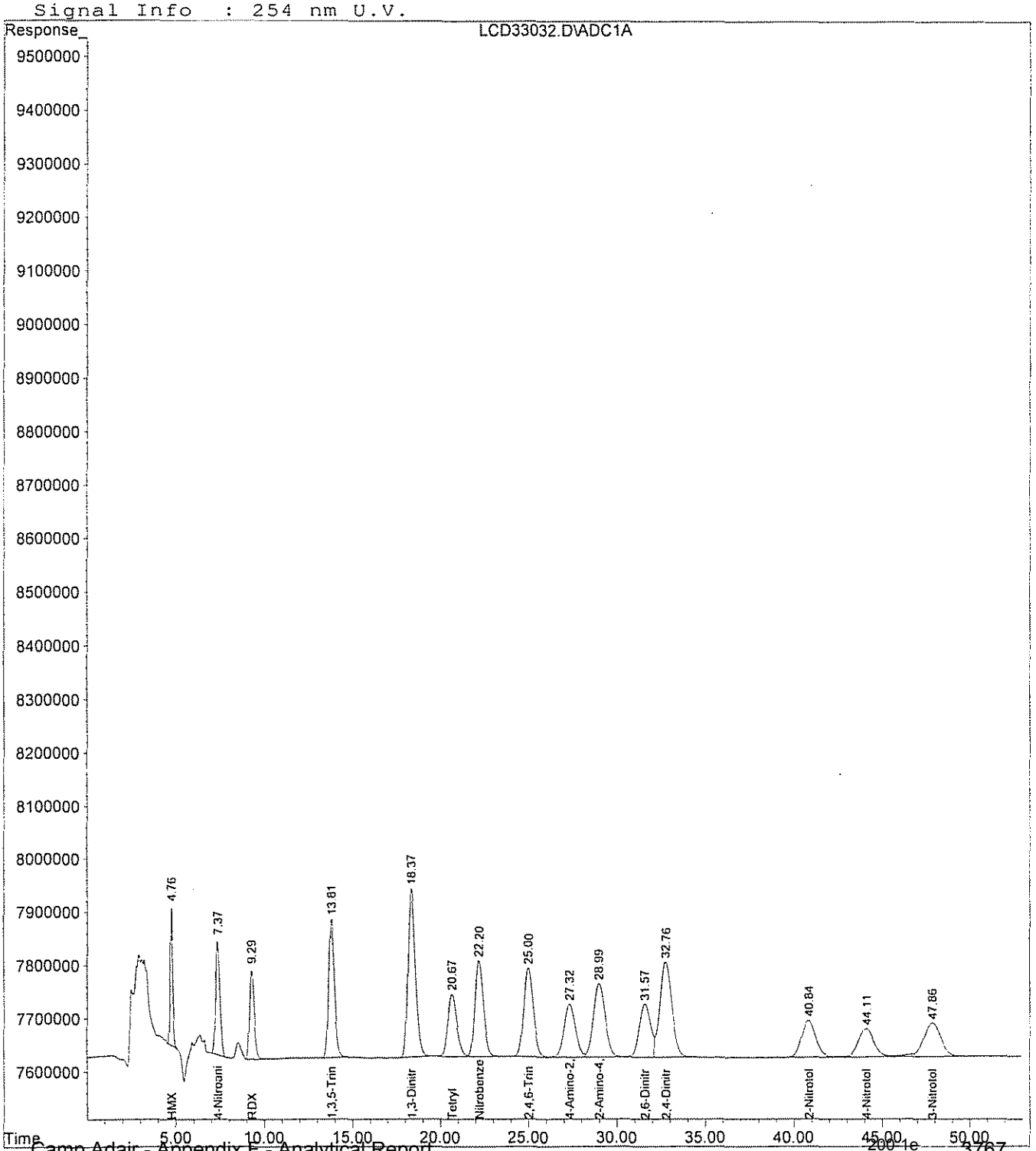
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33032.D 6624833.M Sat Sep 30 12:30:46 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\LCD33032.D Vial: 14
Acq On : 28 Sep 2006 7:41 Operator: AG
Sample : BKSD93852 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:24 2006 Quant Results File: 6624833.RES

Quant Method : H:\LCDATA\LCD\METHODS\6624833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jul 19 10:02:46 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
BKSD93854

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKSD93854
Sample Volume :	1000	Lab File ID :	LCD33034.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/28/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
55-63-0	Nitroglycerine	85	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33034.D Vial: 16
Acq On : 28 Sep 2006 9:51 Operator: AG
Sample : BKSD93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 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					
1) S 4-NITROANILINE	7.34	34183198	242.414	PPB	
Spiked Amount 300.000		Recovery =	80.80%		
Target Compounds					
2) M NITROGLYCERINE	22.37	8689093	4.236	PPM	m

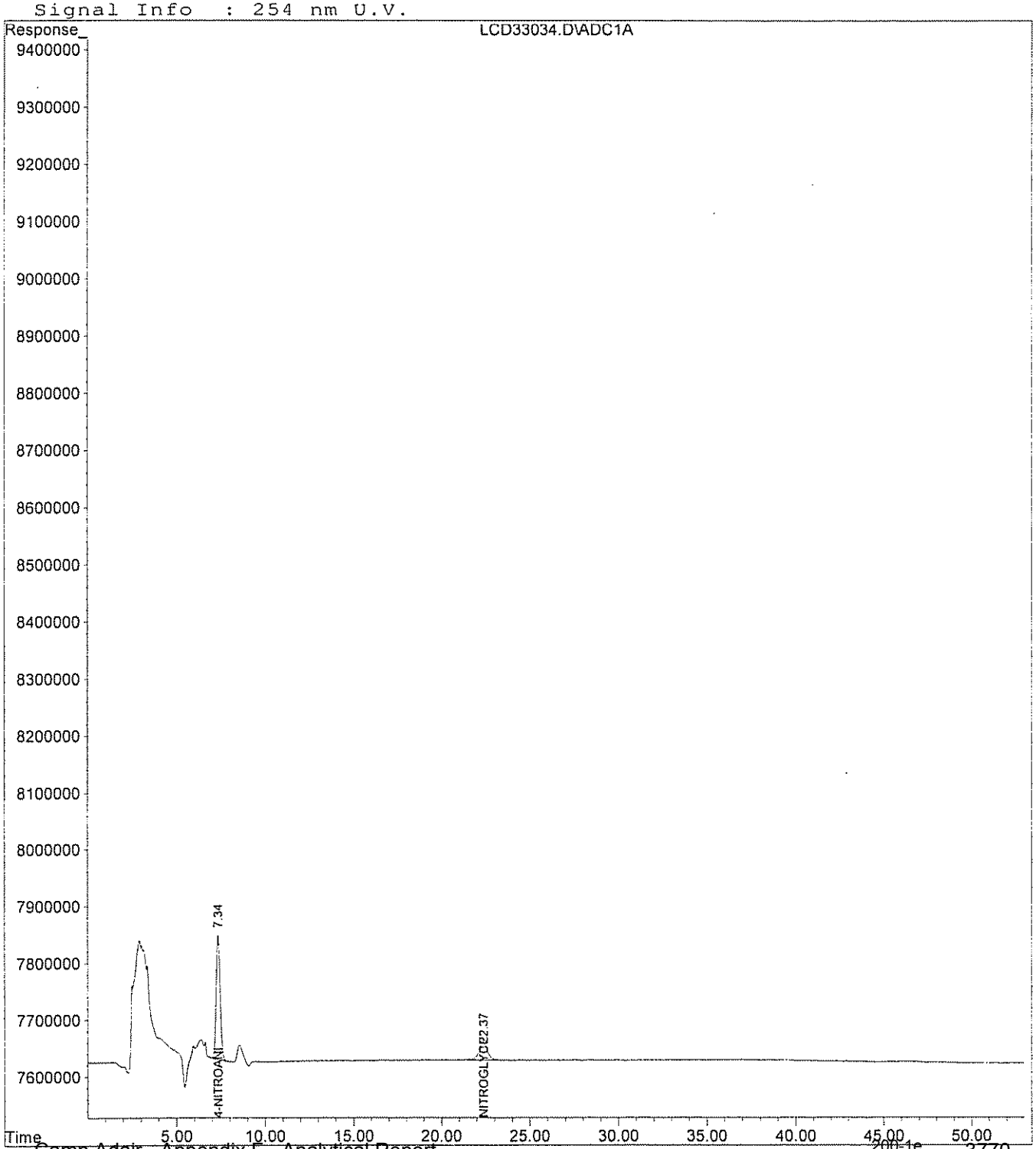
(f)=RT Delta > 1/2 Window (m)=manual int.
LCD33034.D 6818NGPT.M Sat Sep 30 12:42:57 2006 A Page 1

Quantitation Report

Data File : H:\LCDATA\LCD\092506\0925NG\LCD33034.D Vial: 16
Acq On : 28 Sep 2006 9:51 Operator: AG
Sample : BKSD93854 Inst : LCD
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 30 12:39 2006 Quant Results File: 6818NGPT.RES

Quant Method : H:\LCDATA\LCD\METHODS\6818NGPT.M (Chemstation Integrator)
Title : NITROGLYCERINE- 5 POINT IC PRIMARY
Last Update : Sat Aug 19 10:09:12 2006
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: 9/20/06 Client: Shaw

Analysis Method: 8330 + PETN + NG

Extraction Chemist: VT Date: 09/20/06 Spike Witness: N.P

Work Order	Fraction	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
609089	BLK	1000	1.0	—	2.0
	BKS1	1000		1.0 + 0.4	
	BKSD1	1000		↓	
	BKS2	1000		1.0 NG	
	BKSD2	1000		↓	
↓	003	950/1L		—	
609088	001	980/1L		—	
609093	002	950/1L		—	
↓	004	970/1L	↓	—	↓

VT 09/20/06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 051296 Matrix Spike #: 37629 Matrix Spike Conc.: 5.0 PPM

Surrogate Solution #: 37212 Matrix Spike #: 37353 PETN Matrix Spike Conc.: 10.0 PPM

Surrogate Conc.(s): 6 PPM Matrix Spike #: 37354 Matrix Spike Conc.: 100 PPM.

Calcium Chloride#: — Sodium Sulfate#: — Sand#:

Sodium Chloride#: —

Comments & Observations: All Samples filtered HOIC Sa

Xenco 93852 for 8330 W for 609089, 609088, 609093
Xenco 93853 for Petn W for WO 609089, 609093
Xenco 93854 for 8330 NG W for 609089, 609093

GPL Laboratories, LLLP *Document Control No: GP_L_073*

LCD P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

8330 6624833o

Method File: h:\lcdata\lcd\ method0	Data File Path: h:\lcdata\lcd\062406
Detector/ Wavelength: UV 254 nm	Mobile Phase: 8330 - 449-58-22
Injection Volume: 100 ul	Flow Rate: 0.9 ml/min

ICAL: 6624833 H Analyst: S S Reviewed by: AG Date: 06/12/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LCD 3 1115	8330 mix - BLK	06/24/06	1	C8	e Cal	
LCD 16	-LEV 1					
LCD 17	-LEV 2					
LCD 18	-LEV 3					
LCD 19	-LEV 4					
LCD 20	-LEV-5					
LCD 21	-LEV 6					
LCD 22	-ICV					
LCD 23	8330 mix					
LCD 24	BLK82247				Soil	
LCD 25	BKS					
LCD 26	606142-001-001-X,MS					
LCD 27	-001-001-X,MSD					
LCD 28	-001-001-X	06/25/06				
LCD 29	-002-002-X					
LCD 30	-003-003-X					
LCD 31	-004-004-X					
LCD 32	-005-005-X					
LCD 33	-006-006-X					
LCD 34	8330 mix				STD	
LCD 35	606142-007-007-X				Soil	
LCD 36	-008-008-X					
LCD 37	-009-009-X					
LCD 38	-010-010-X					
LCD 39	-012-012-X					
LCD 40	-012-012-X					
LCD 41	-013-013-X					

Remarks	Standard	Solution ID	Conc.	Date Prep.
8330 (W) 91650	8330 mix	37204	10/20 ppm	06/19/06
8330 (S) 90760	ICV #	36432	100 ppm	03/09/06
8330A 899235				
8330A 90745 W				

GPL Laboratories, LLLP *Document Control No: GP_L_073*

LCD P

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

NG 6818NGPT

Method File: h:\lcdata\lcd\methods	Data File Path: h:\lcdata\lcd\081806
Detector/ Wavelength: UV 254 nm	Mobile Phase:
Injection Volume: 100 ul	Flow Rate: 0.9 ml/min

ICAL: 6818NGPT Analyst: AC Reviewed by: ST Date: 09/12/06

File	Lab ID	Date	Dilution	Column	Matrix	Comments
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD	This curve was run before on 09/15/06					
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						
LCD						

Injection Log

Directory: h:\lcdata\lcd\081806

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	lcd32276.d	1.	BLK	ICAL	18 Aug 106 12::3
2	2	lcd32277.d	1.	NG/PETN-BLK	ICAL	18 Aug 106 12::3
3	3	lcd32278.d	1.	NG/PETN-LEV1	ICAL	18 Aug 106 13::3
4	4	lcd32279.d	1.	NG/PETN-LEV2	ICAL	18 Aug 106 13::2
5	5	lcd32280.d	1.	NG/PETN-LEV3	ICAL	19 Aug 106 13::2
6	6	lcd32281.d	1.	NG/PETN-LEV4	ICAL	19 Aug 106 12::2
7	7	lcd32282.d	1.	NG/PETN-LEV5	ICAL	19 Aug 106 12::2

Remarks	Standard	Solution ID	Conc.	Date Prep.
~~I# 91723 NG (S)~~ NG	09/13/06			
I # 91724 NG (S)	8330 NG	37153	100ppm	06/15/06
	4-nitroaniline	37239	10ppm	06/24/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

Method File: h:\lcdata\lcd\methods	Data File Path: h:\lcdata\lcd\092506
Detector/ Wavelength: UV 254 nm	Mobile Phase: 8330
Injection Volume: 100 mL	Flow Rate: 0.9 mL/min

ICAL: 6624833 Analyst: AG Reviewed by: S.S. Date: 10/2/06

File	Lab ID				Date	Dilution	Column	Matrix	Comments
LCD	40	40	lcd32997.d	1.	8330MIX		CCAL		26 Sep 106 12::
	41	41	lcd32998.d	1.	8330NG		CCAL		26 Sep 106 13::
LCD	42	42	lcd32999.d	1.	609057-001-004-1/1MSD		SOIL		26 Sep 106 13::
	43	43	lcd33000.d	1.	BKS93821		SOIL		27 Sep 106 13::
LCD	44	44	lcd33001.d	1.	609057-001-004-1/1MS		SOIL		27 Sep 106 12::
	45	45	lcd33002.d	1.	609057-001-004-1/1MSD		SOIL		27 Sep 106 12::
LCD	46	46	lcd33003.d	1.	609057-001-004-1/1		SOIL		27 Sep 106 12::
	47	47	lcd33004.d	1.	609055-004-021-1/1		SOIL		27 Sep 106 12::
LCD	48	48	lcd33005.d	1.	609055-005-062-1/1		SOIL		27 Sep 106 12::
	49	49	lcd33006.d	1.	609055-005-062-1/1MS		SOIL		27 Sep 106 12::
LCD	50	50	lcd33007.d	1.	609055-005-062-1/1MSD		SOIL		27 Sep 106 12::
	51	51	lcd33008.d	1.	609055-006-022-1/1		SOIL		27 Sep 106 12::
LCD	52	52	lcd33009.d	1.	BLK		ACN		27 Sep 106 12::
	53	53	lcd33010.d	1.	8330MIX		CCAL		27 Sep 106 13::
LCD	54	54	lcd33011.d	1.	8330NG		CCAL		27 Sep 106 13::
	55	55	lcd33012.d	1.	609055-007-023-1/1		SOIL		27 Sep 106 13::
LCD	56	56	lcd33013.d	1.	609055-008-024-1/1		SOIL		27 Sep 106 12::
	57	57	lcd33014.d	1.	609055-009-025-1/1		SOIL		27 Sep 106 12::
LCD									
	Line	Vial	FileName	Multiplier	SampleName		Misc Info		Injected
LCD	58	58	lcd33015.d	1.	609055-010-026-1/1		SOIL		27 Sep 106 12::
	59	59	lcd33016.d	1.	609055-012-027-1/1		SOIL		27 Sep 106 12::
LCD	60	60	lcd33017.d	1.	609055-013-020-1/1		SOIL		27 Sep 106 12::
	61	61	lcd33018.d	1.	609060-005-057-1/2		SOIL		27 Sep 106 12::
LCD	62	1	lcd33019.d	1.	609060-006-059-1/2		SOIL		27 Sep 106 12::
	63	2	lcd33020.d	1.	609060-007-061-1/2		SOIL		27 Sep 106 12::
LCD	64	3	lcd33021.d	1.	609060-008-063-1/2		SOIL		27 Sep 106 12::
	65	4	lcd33022.d	1.	BLK		ACN		27 Sep 106 13::
LCD	66	5	lcd33023.d	1.	8330MIX		CCAL		27 Sep 106 13::
	67	6	lcd33024.d	1.	8330NG		CCAL		28 Sep 106 13::
LCD	68	7	lcd33025.d	1.	609060-009-065-1/2		SOIL		28 Sep 106 13::
	69	8	lcd33026.d	1.	BLK93745		SOIL		28 Sep 106 12::
LCD	70	9	lcd33027.d	1.	BKS93745		SOIL		28 Sep 106 12::
	71	10	lcd33028.d	1.	609030-001-001-1/1		SOIL		28 Sep 106 12::
LCD	72	11	lcd33029.d	1.	609030-002-002-1/1		SOIL		28 Sep 106 12::
	73	12	lcd33030.d	1.	BLK93852		WATER		28 Sep 106 12::
LCD	74	13	lcd33031.d	1.	BKS93852		WATER		28 Sep 106 12::
	75	14	lcd33032.d	1.	BKSD93852		WATER		28 Sep 106 12::
LCD	76	15	lcd33033.d	1.	BKS93854		WATER		28 Sep 106 12::
	77	16	lcd33034.d	1.	BKSD93854		WATER		28 Sep 106 12::
LCD	78	17	lcd33035.d	1.	BLK		ACN		28 Sep 106 13::
	79	18	lcd33036.d	1.	8330MIX		CCAL		28 Sep 106 13::
LCD	80	19	lcd33037.d	1.	8330NG		CCAL		28 Sep 106 13::
	81	20	lcd33038.d	1.	609089-003-010-1/2		WATER		28 Sep 106 12::
LCD	82	21	lcd33039.d	1.	609093-002-009-1/2		WATER		28 Sep 106 12::
	83	22	lcd33040.d	1.	609093-004-011-1/2		WATER		28 Sep 106 12::
LCD	84	23	lcd33041.d	1.	609088-001-001-1/2		WATER		28 Sep 106 12::
	85	24	lcd33042.d	1.	BLK93708		WATER		28 Sep 106 12::
LCD	86	25	lcd33043.d	1.	BKS93708		WATER		28 Sep 106 12::
LCD									
LCD									

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 MIX	37909	10/20 ppm	8/22/06
	4 Nitroaniline	37239	10 ppm	6/4/06
	NG	37153	100 ppm	6/15/06

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # D (HP1100)

Method File:	h:\Lcdata9\Lcd\Methods.
Detector/ Wavelength:	UV 254 nm.
Injection Volume:	100 mL

Data File Path:	H:\Lcdata9\Lcd\09 2506
Mobile Phase:	8330
Flow Rate:	0.9 mL/min

ICAL: 662488 Analyst: AG Reviewed by: S.S. Date: 10/03/06

File			Lab ID		Date	Dilution	Column	Matrix	Comments
LCD	87	26	lcd33044.d	1.	609043-005-060-1/2		WATER		28 Sep 106 12::
	88	27	lcd33045.d	1.	609043-006-062-1/2		WATER		28 Sep 106 12::
LCD	89	28	lcd33046.d	1.	609043-007-064-1/2		WATER		28 Sep 106 12::
	90	29	lcd33047.d	1.	609049-005-026-1/8		WATER		28 Sep 106 13::
LCD	91	30	lcd33048.d	1.	RINSE		ACN		28 Sep 106 13::
	92	31	lcd33049.d	1.	8330MIX		CCAL		29 Sep 106 13::
LCD	93	32	lcd33050.d	1.	8330NG		CCAL		29 Sep 106 12::
	94	33	lcd33051.d	1.	609043-001-007-1/1		SOIL		29 Sep 106 12::
LCD	95	34	lcd33052.d	1.	609043-002-008-1/1		SOIL		29 Sep 106 12::
	96	35	lcd33053.d	1.	609043-003-009-1/1		SOIL		29 Sep 106 12::
LCD	97	36	lcd33054.d	1.	609043-004-016-1/3		SOIL		29 Sep 106 12::
	98	37	lcd33055.d	1.	609043-004-016-1/3MS		SOIL		29 Sep 106 12::
LCD	99	38	lcd33056.d	1.	609043-004-016-1/3MSD		SOIL		29 Sep 106 12::
	100	39	lcd33057.d	1.	609043-009-010-1/1		SOIL		29 Sep 106 12::
LCD	101	40	lcd33058.d	1.	609043-010-011-1/1		SOIL		29 Sep 106 12::
	102	41	lcd33059.d	1.	609043-011-012-1/1		SOIL		29 Sep 106 12::
LCD	103	42	lcd33060.d	1.	609049-001-013-1/2		SOIL		29 Sep 106 13::
	104	43	lcd33061.d	1.	RINSE		ACN		29 Sep 106 13::
LCD	105	44	lcd33062.d	1.	8330MIX		CCAL		29 Sep 106 13::
	106	45	lcd33063.d	1.	609049-002-015-1/2		SOIL		29 Sep 106 12::
LCD	107	46	lcd33064.d	1.	609049-003-017-1/2		SOIL		29 Sep 106 12::
	108	47	lcd33065.d	1.	609049-004-019-1/2		SOIL		29 Sep 106 12::
LCD	109	48	lcd33066.d	1.	RINSE		SOIL		29 Sep 106 12::
	110	49	lcd33067.d	1.	8330MIX		CCAL		29 Sep 106 12::
LCD	111	50	lcd33068.d	1.	8330MIX		CCAL		29 Sep 106 12::
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									
LCD									

AG 10/03/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
	8330 MIX	37909	10/20 ppm	8/22/06
	4-nitroaniline	37239	10 ppm	6/09/06
	NG	37153	100 ppm	6/15/06

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 : WATER **Analytical Method : SW8330** **SDG No : 609089**

Surrogate	NO2ANIL4
Lower QC Limits	**37**
Upper QC Limits	**149**
Sample ID	
BKS93853	93
BKSD93853	100
BLK93853	108
NWO-017-3008	89

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

BKS/BSD RECOVERY

SAMPLE NO
BKSD93853

Lab Name : GPL Laboratories SDG NO : 609089 Method : SW8330

Lab Code : GPL Lab Sample ID : BKSD93853 Matrix : WATER Analysis Date : 09/26/2006

Compound	Spike Added (ug/L)	CONCENTRATION (ug/L)			%RECOVERY		% RPD	RPD Limit	QC Limits
		BLANK	BKS	BSD	BKS	BSD			
Pentaerythritol Tetranitrate	4	0.0	4.2	4.2	105	105	0	25	50-125

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

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK93853

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	93853
Lab File ID :	E37946D.D	SDG NO :	609089
Date Analyzed	09/26/2006	Lab Sample ID :	BLK93853
Date Extracted :	09/20/2006	Time Analyzed :	15:44
Matrix :(Soil/Water).	WATER	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
BKS93853	BKS93853	E37947D.D	09/26/2006
BKSD93853	BKSD93853	E37948D.D	09/26/2006
NWO-017-3008	609089-003-006-1/2	E37949D.D	09/26/2006

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-017-3008

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	609089-003-006-1/2
Sample Volume :	950	Lab File ID :	E37949D.D
% Moisture:		Date Received	09/16/2006
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/26/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	1.1	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37949D.D Vial: 8
Acq On : 26 Sep 2006 16:50 Operator: ST.
Sample : 609089-003-001-1/2 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:26 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	4.35	68706552	266.491	PPB	m
Spiked Amount 300.000		Recovery =	88.83%		
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

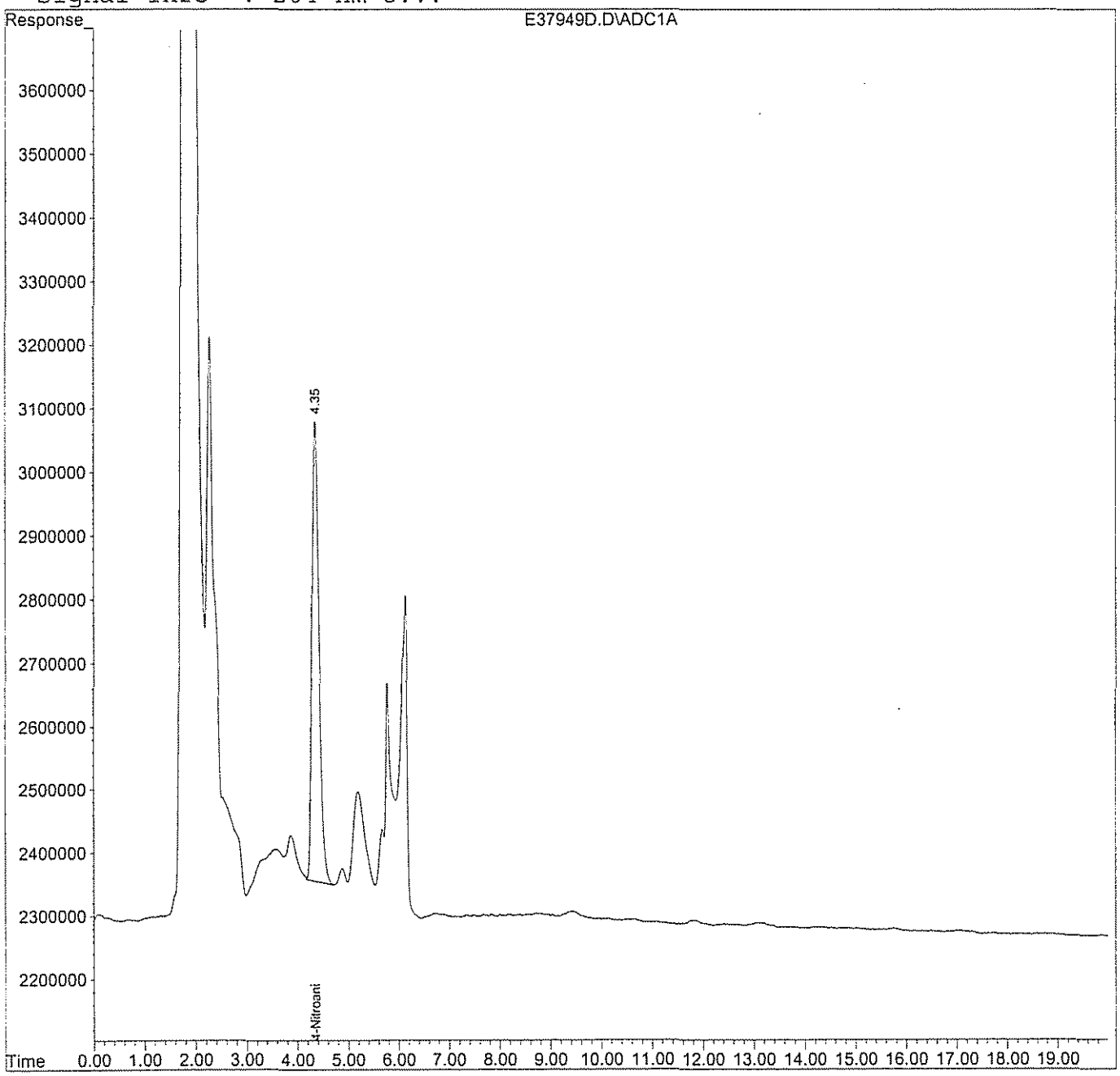
Camp Adair - Appendix F - Analytical Report 200-1e 3783
F10OR002908_01.09_0507_a

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37949D.D Vial: 8
Acq On : 26 Sep 2006 16:50 Operator: ST.
Sample : 609089-003-001-1/2 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:26 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.



Camp Adair Appendix F - Analytical Report
F10OR002908_01.09_0507_a

C. Standards Data

1. Initial Calibration Data

2. Continuing Calibration Data

GPL Laboratories

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

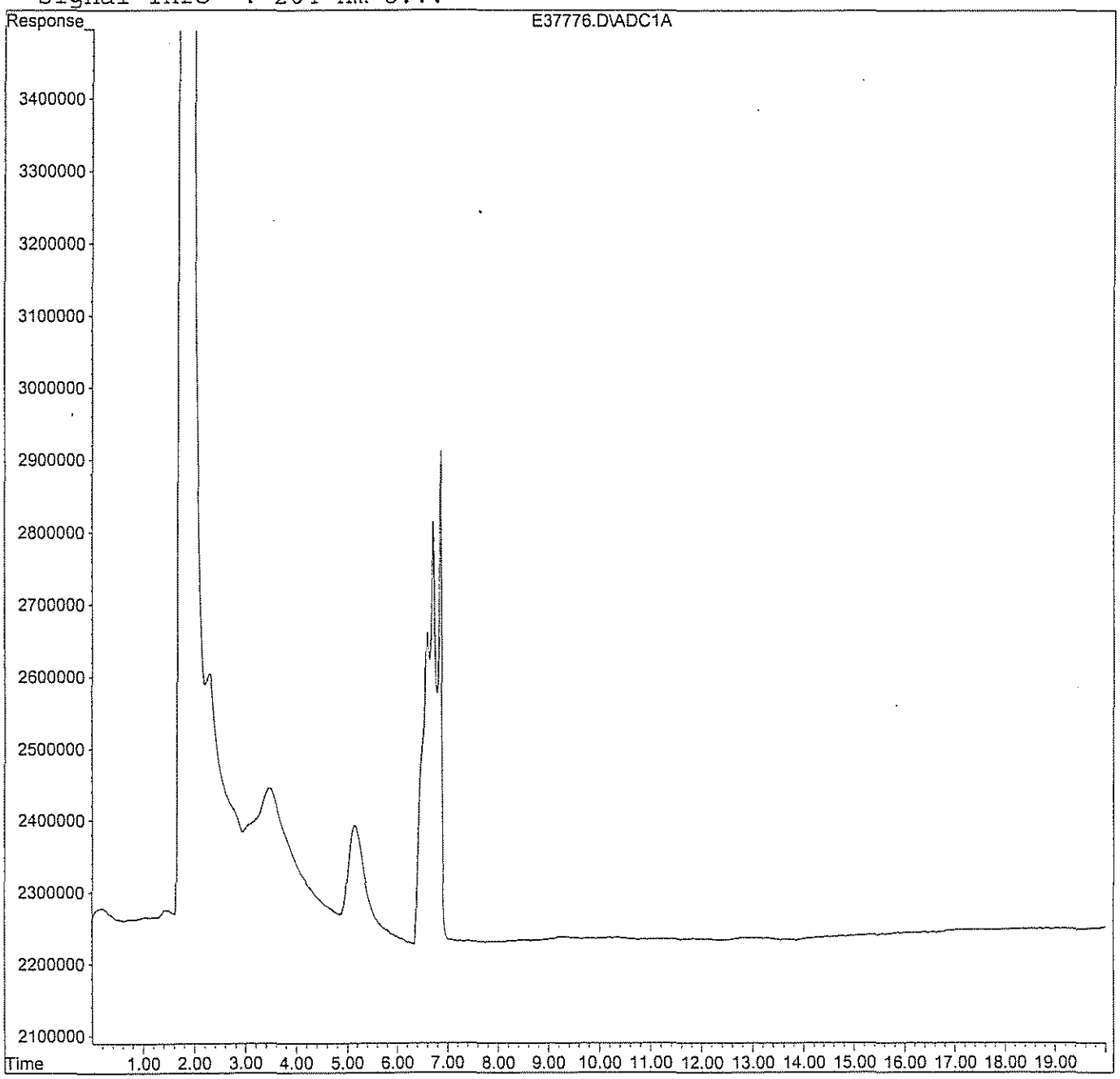
(f)=RT Delta > 1/2 Window (m)=manual int.

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.

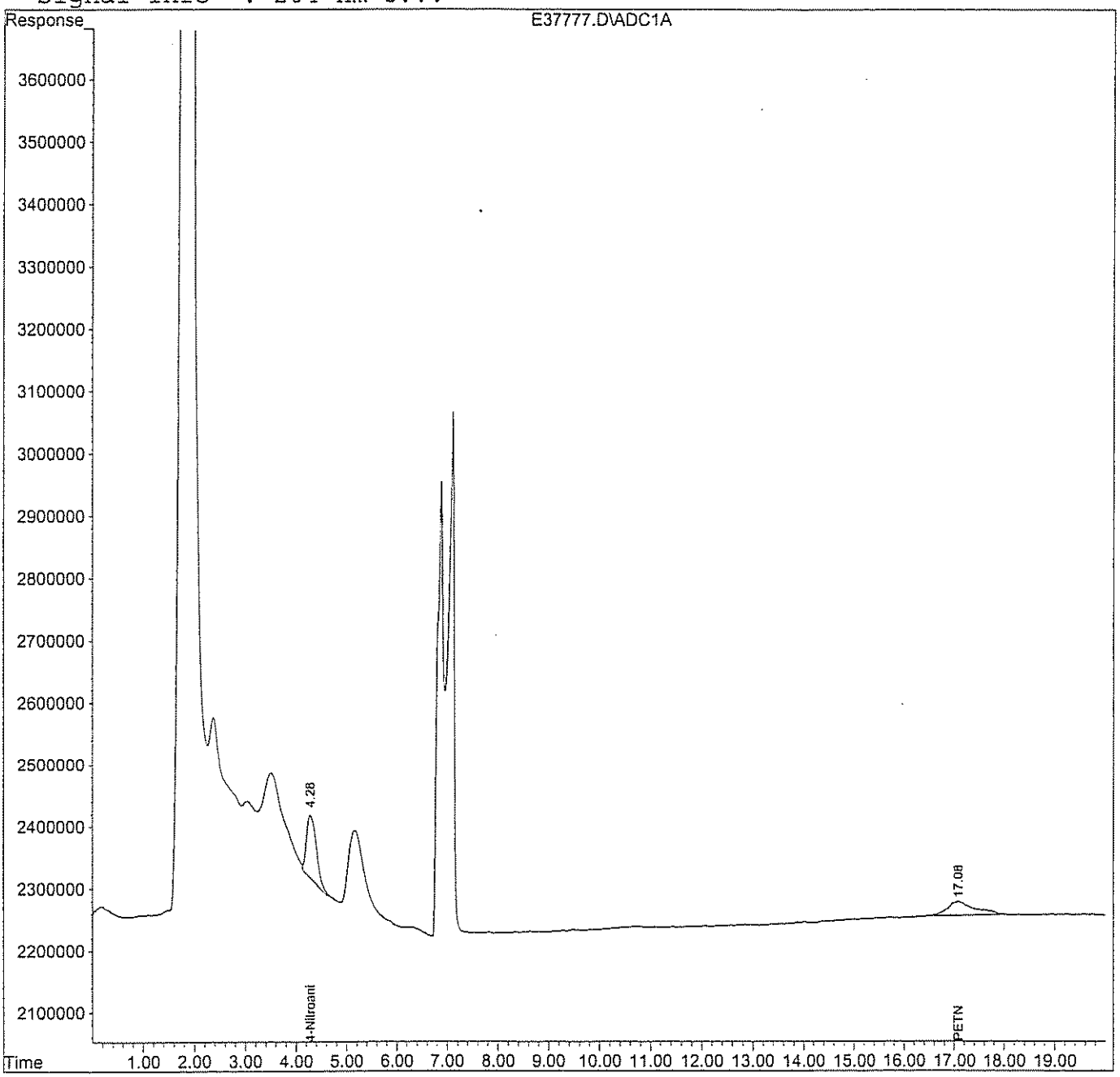
E37777.D 6920PETN.M Wed Sep 27 09:17:45 2006 RPT Page 1

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

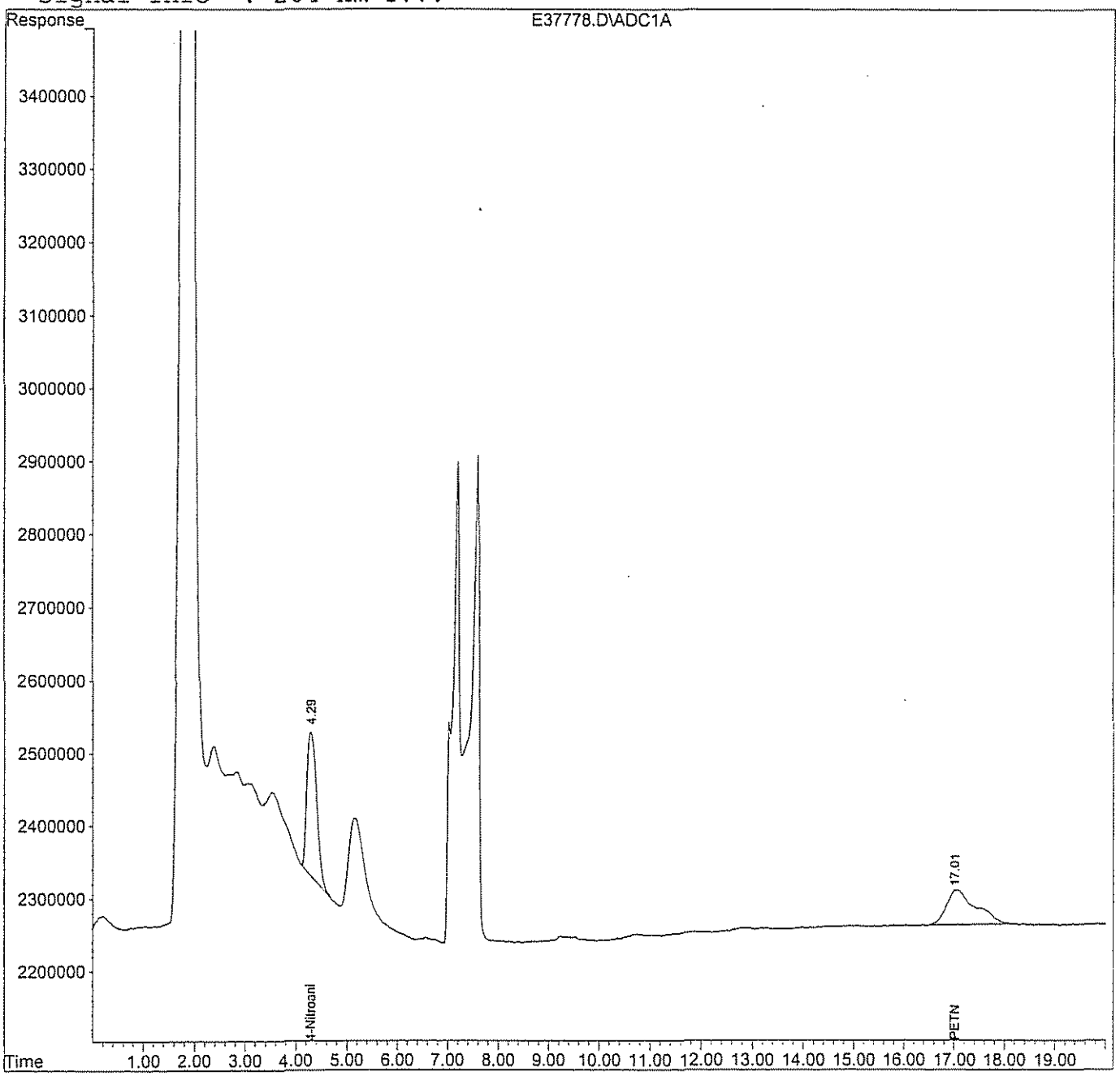
(f)=RT Delta > 1/2 Window (m)=manual int.

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.

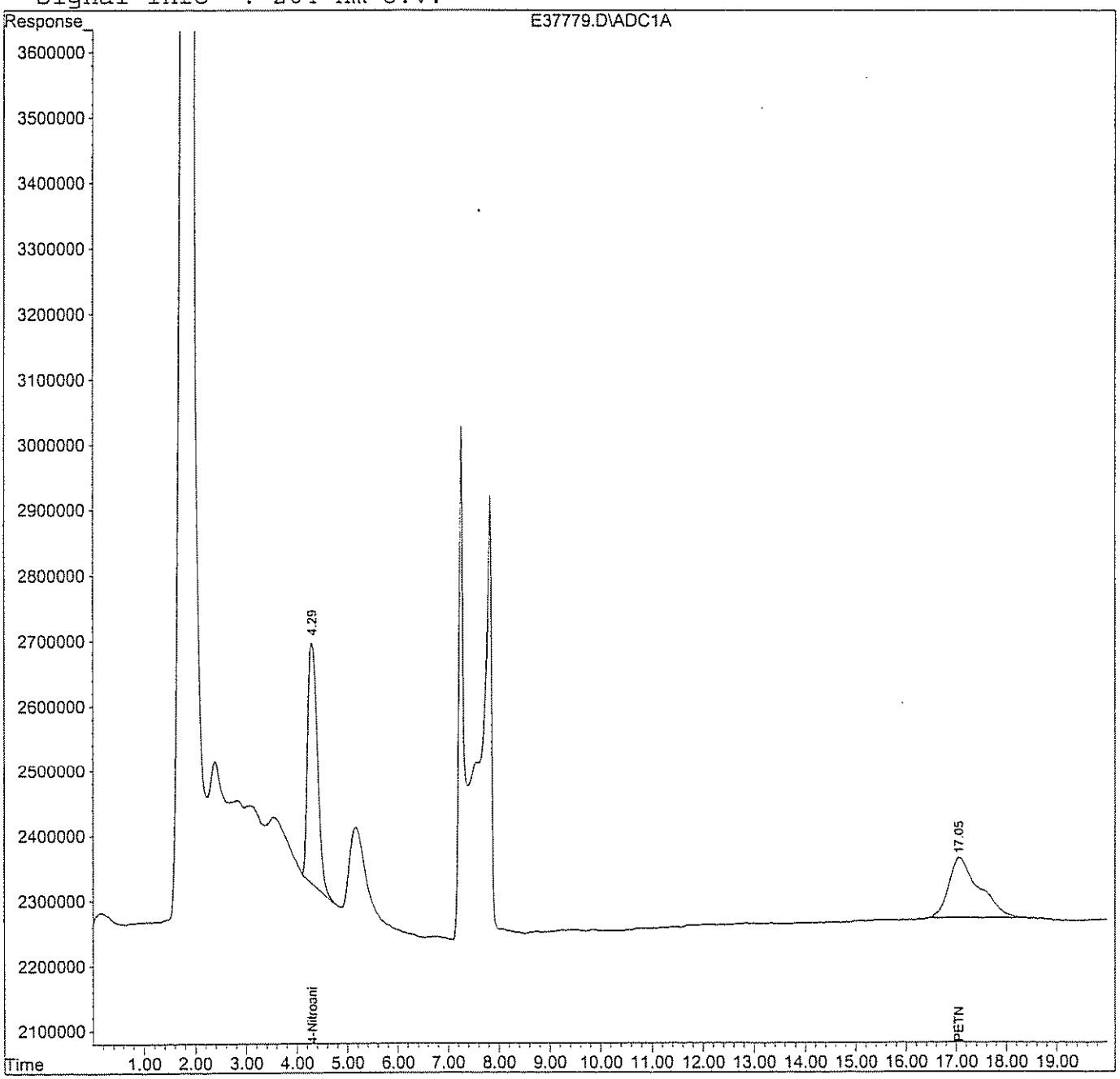
E37779.D 6920PETN.M Wed Sep 27 09:17:54 2006 RPT Page 1

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.

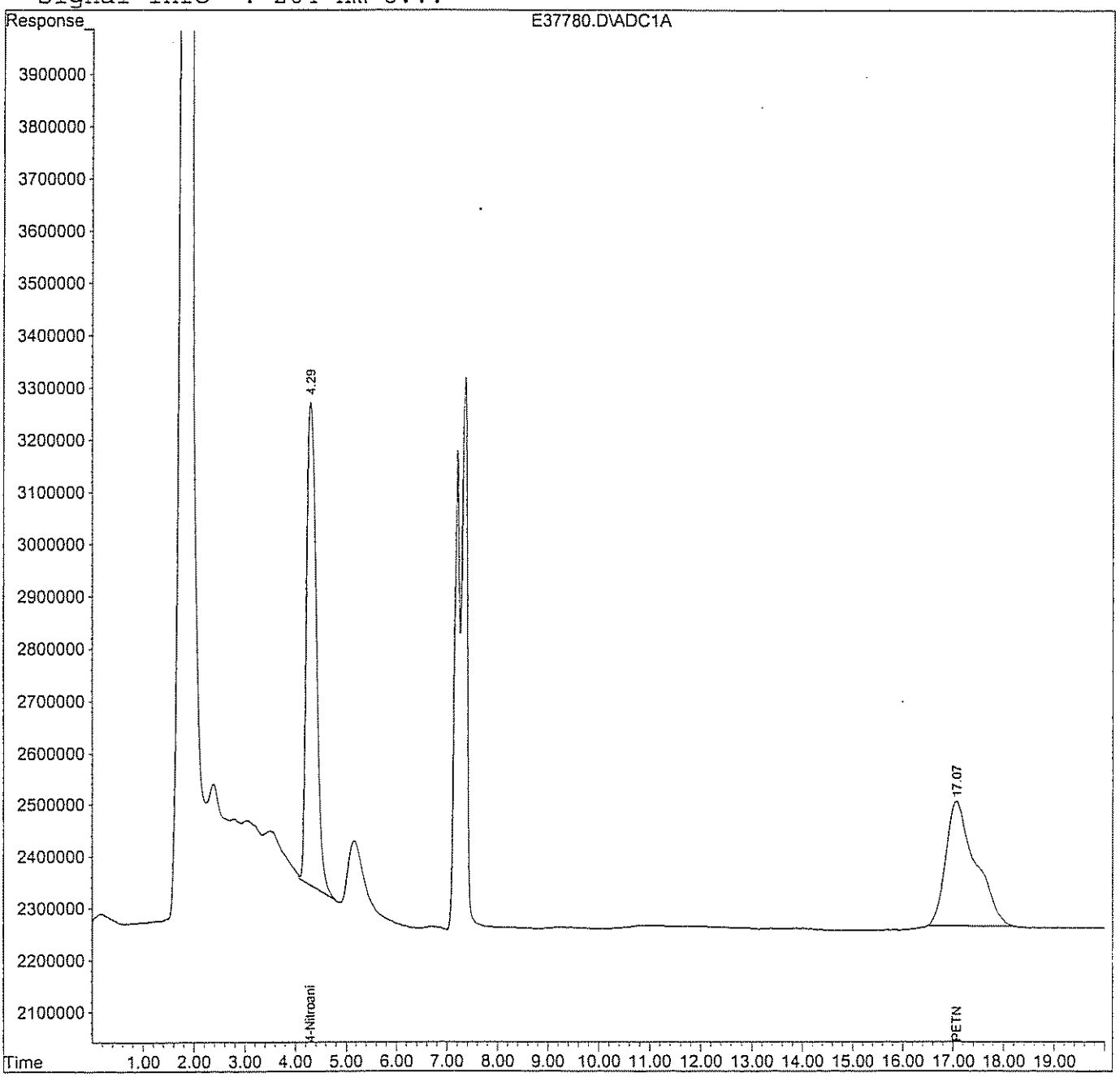
E37780.D 6920PETN.M Wed Sep 27 09:17:59 2006 RPT Page 1

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

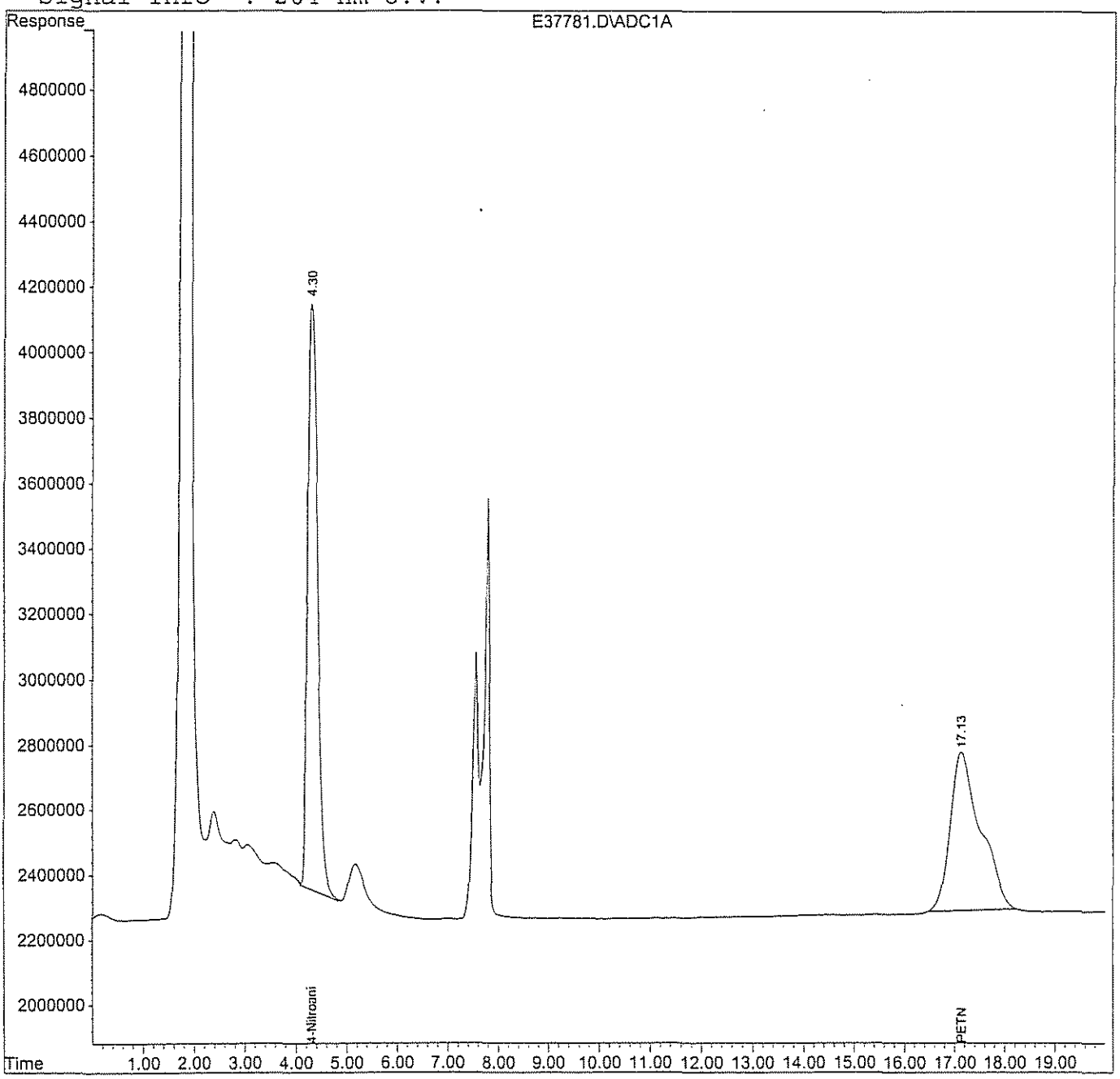
(f)=RT Delta > 1/2 Window (m)=manual int.

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.



Continuing Calibration Report LCC-FL

Method : H:\LCDATA\LCE\METHODS\6920PETN.M (Chemstation Integrator)
Title : PETN 5 POINT INITCAL
Last Update : Wed Sep 27 09:18:26 2006
Response via : Initial Calibration

Continuing Calibration File: E37782.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	280.620	E3	-8.8	112
2 T	PETN	192.201	194.421	E3	-1.2	100

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

Camp Adair - Appendix F - Analytical Report 200-1e 3798
F10OR002908_01.09_0507_a

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

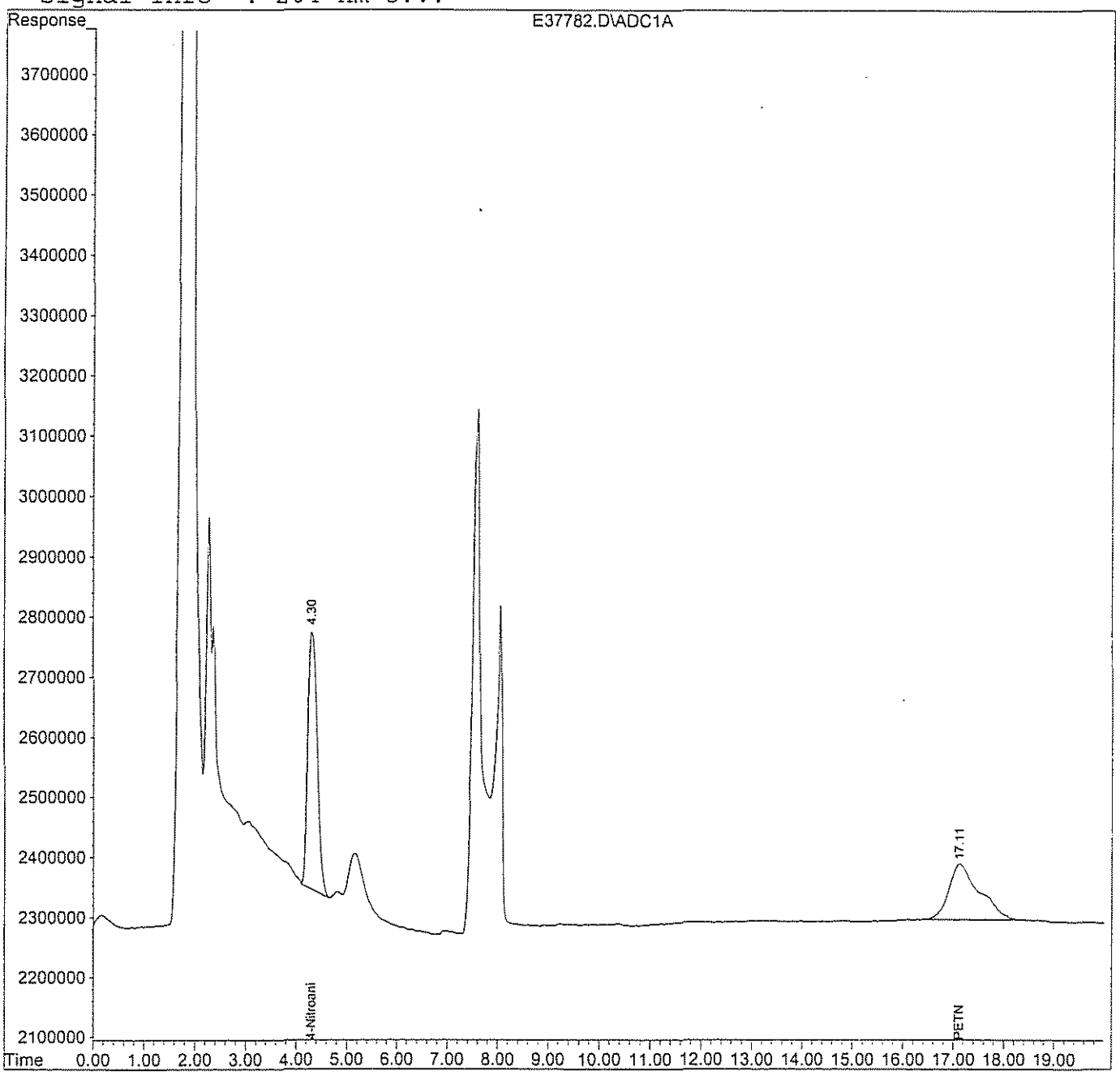
(f)=RT Delta > 1/2 Window (m) = manual int.

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 28 14:34:04 2006
Response via : Initial Calibration

Continuing Calibration File: E37941D.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	280.462	E3	-8.8	112
2	T	PETN	192.201	199.458	E3	-3.8	103

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

Camp Adair - Appendix F - Analytical Report 200-1e 3801
F10OR002908_01.09_0507_a

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37941D.D Vial: 1
Acq On : 26 Sep 2006 12:45 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:12 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	56092354	217.565	PPB	m
Spiked Amount 300.000		Recovery =	72.52%		
Target Compounds					
2) T PETN	17.50	39891661	207.552	PPB	m

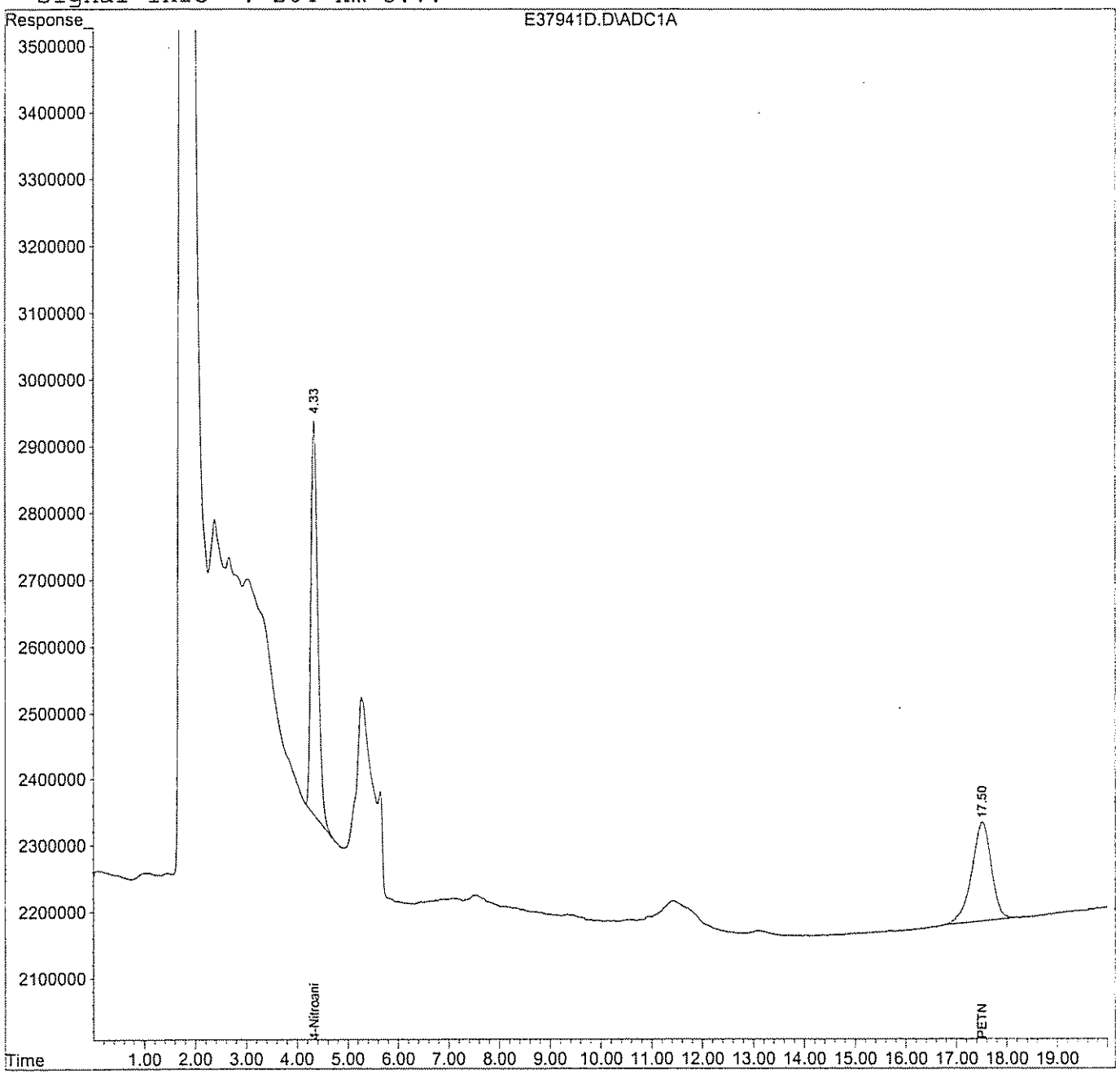
(f)=RT Delta > 1/2 Window (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37941D.D Vial: 1
Acq On : 26 Sep 2006 12:45 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 13:12 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.



Camp Adair - Appendix F - Analytical Report RPT 200-1e 3803
F10OR002908_01.09_0507_a

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: E37941D.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	280.462	E3	-8.8	112
2 T	PETN	192.201	199.458	E3	-3.8	103

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

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37953D.D Vial: 12
Acq On : 26 Sep 2006 18:16 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:16 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	4.35	45102170	174.937 PPB
Spiked Amount 300.000		Recovery =	58.31%
Target Compounds			
2) T PETN	17.59f	41410521	215.454 PPB m

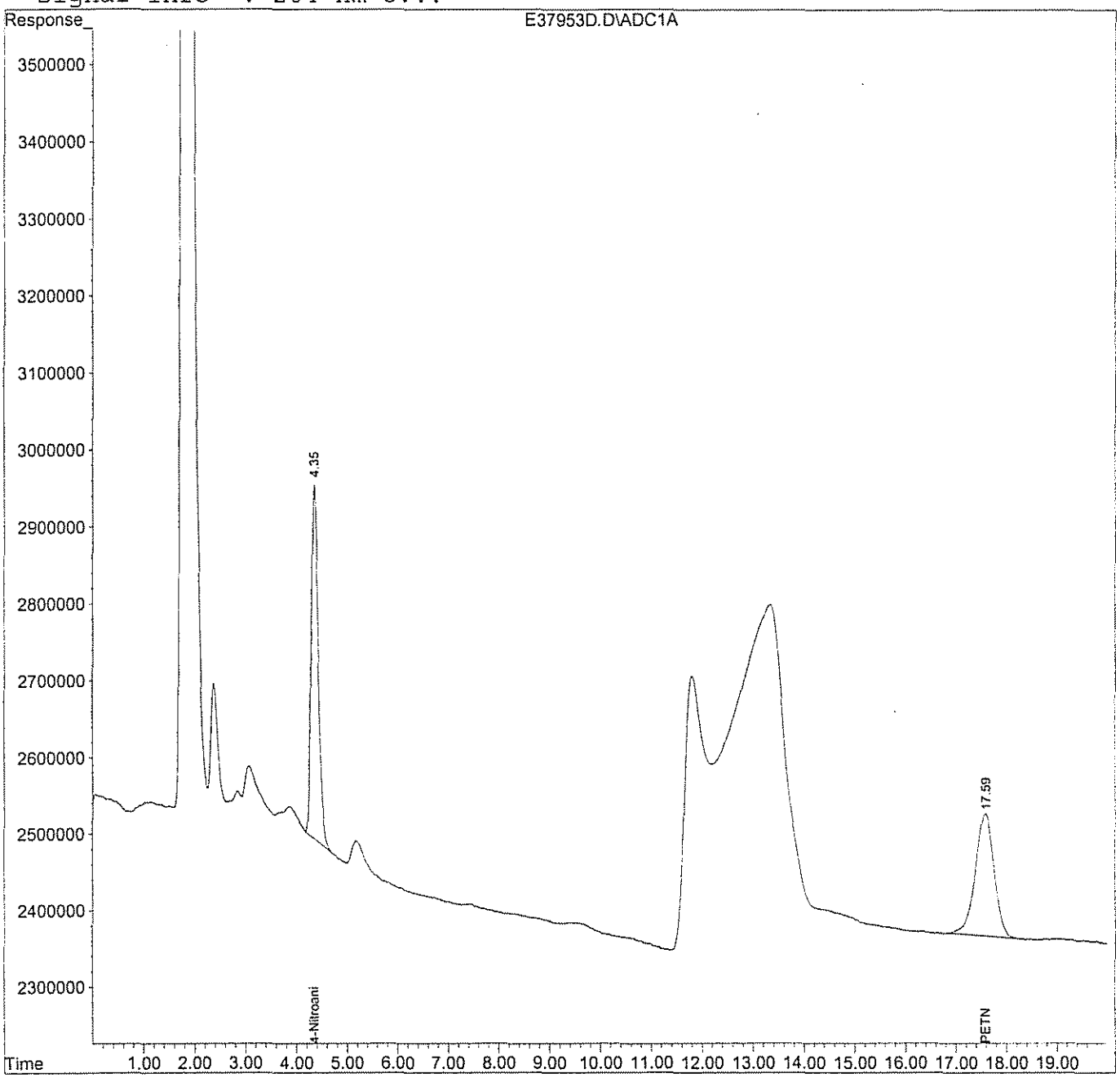
(f) = RT Delta > 1/2 Window (m) = manual int

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37953D.D Vial: 12
Acq On : 26 Sep 2006 18:16 Operator: ST.
Sample : PETN STD Inst : LCC-FL
Misc : CONT CAL Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:16 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
BLK93853

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BLK93853
Sample Volume :	1000	Lab File ID :	E37946D.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/26/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	1.0	U

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37946D.D Vial: 5
Acq On : 26 Sep 2006 15:44 Operator: ST.
Sample : BLK93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 16:06 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	4.36	83813356	325.086	PPB	m
Spiked Amount 300.000		Recovery = 108.36%			
Target Compounds					
2) T PETN	0.00	0	N.D.	PPB	

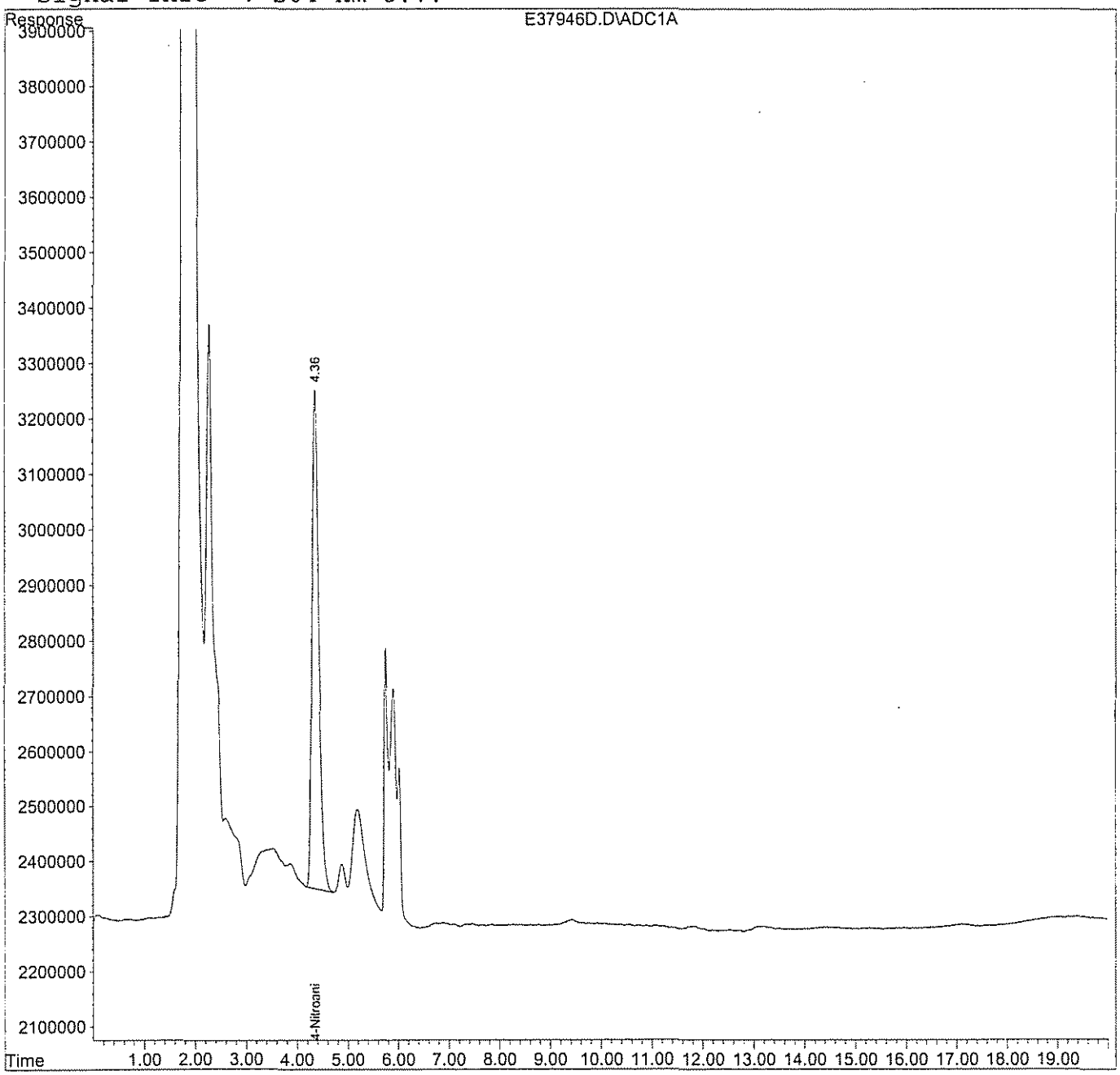
(f) = RT Delta > 0.1/2 Window (m) = manual int

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37946D.D Vial: 5
Acq On : 26 Sep 2006 15:44 Operator: ST.
Sample : BLK93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 26 16:06 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.



Camp Adair Appendix F- Analytical Report
F10OR002908_01.09_0507_a

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BKSD93853

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKSD93853
Sample Volume :	1000	Lab File ID :	E37948D.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/26/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	4.2	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37948D.D Vial: 7
Acq On : 26 Sep 2006 16:29 Operator: ST.
Sample : BKSD93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:26 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	4.35	77110550	299.088	PPB	m
Spiked Amount 300.000		Recovery =	99.70%		
Target Compounds					
2) T PETN	17.55f	40720595	211.865	PPB	m

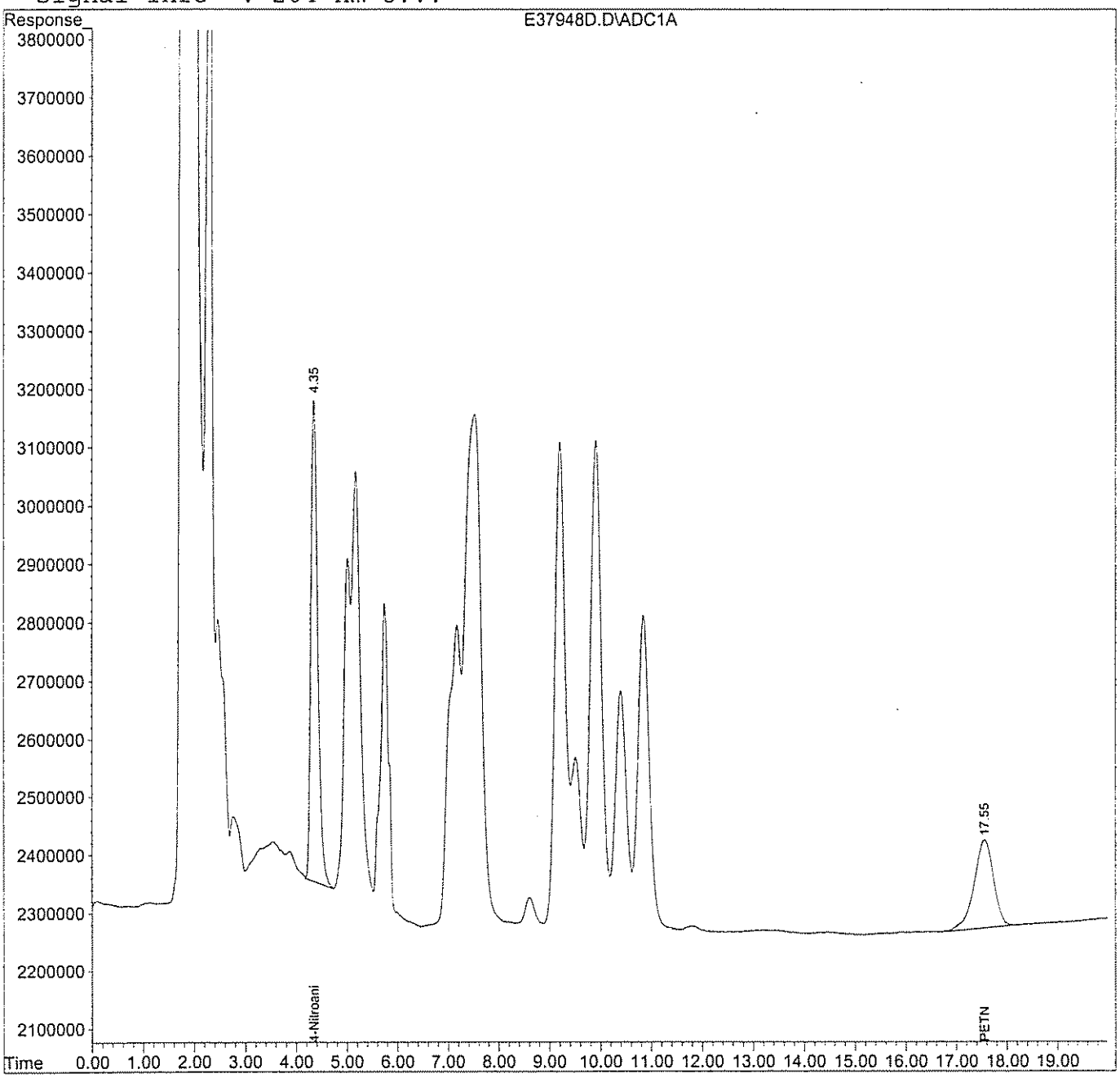
(f)=RT Delta > 0.5 (m)=manual int

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37948D.D Vial: 7
Acq On : 26 Sep 2006 16:29 Operator: ST.
Sample : BKSD93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:26 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
BKS93853

Lab Name :	GPL Laboratories	Client. :	Shaw E&I, Inc
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	609089
Matrix : (Soil / Water)	WATER	Lab Sample ID :	BKS93853
Sample Volume :	1000	Lab File ID :	E37947D.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	09/20/2006
Extract Volume:	20 mL	Date Analyzed	09/26/2006
Injection Volume :	100 µ L	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

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

CAS NO	COMPOUND		Q
78-11-5	Pentaerythritol Tetranitrate	4.2	

Quantitation Report (QT Reviewed)

Data File : H:\LCDATA\LCE\092606\E37947D.D Vial: 6
Acq On : 26 Sep 2006 16:08 Operator: ST.
Sample : BKS93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:25 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	4.35	71747640	278.287 PPB
Spiked Amount 300.000		Recovery =	92.76%
Target Compounds			
2) T PETN	17.57f	40328926	209.827 PPB m

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

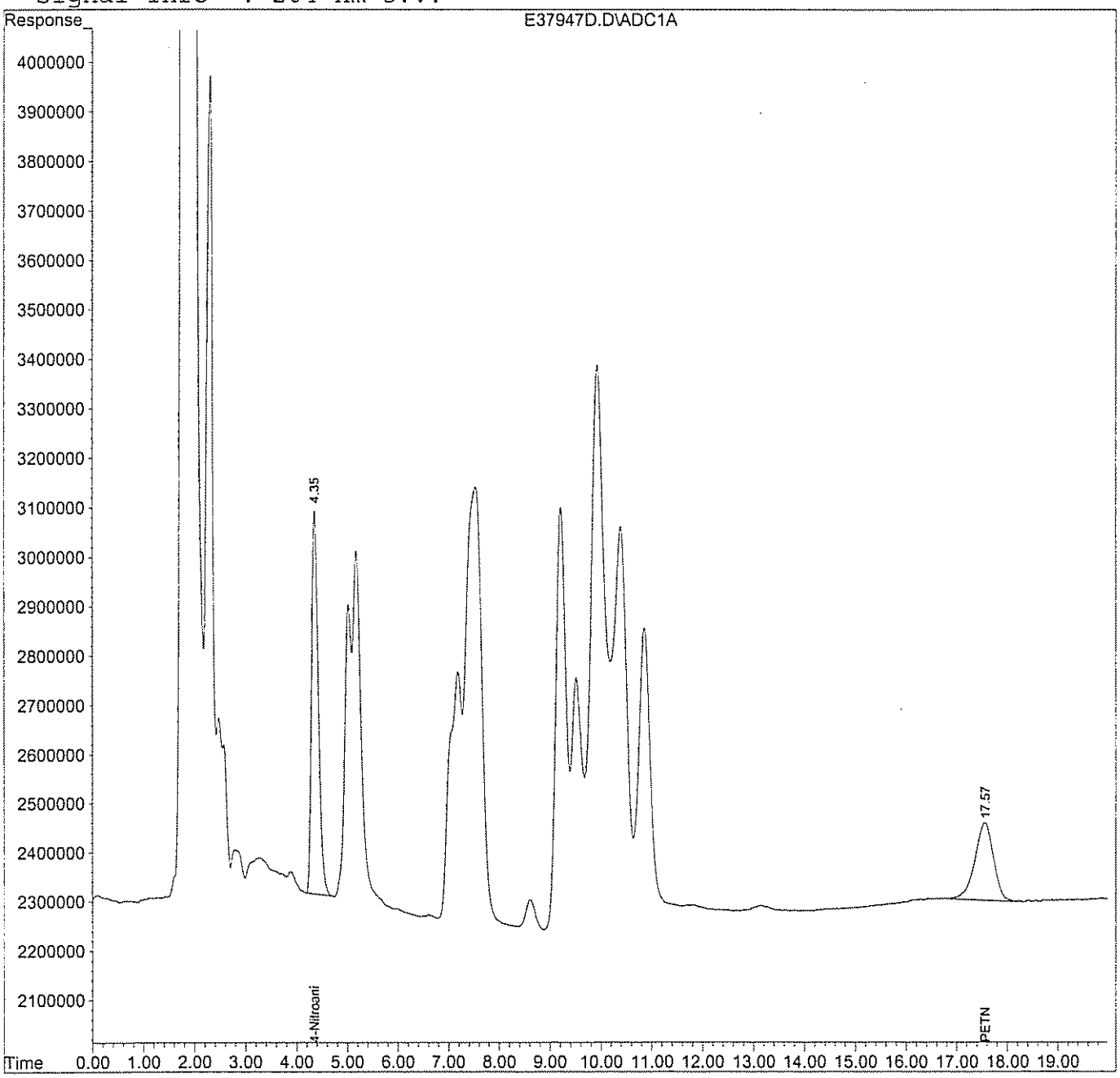
E37947D.D 6920PETN.M Wed Sep 27 08:50:30 2006 RPT Page 1

Quantitation Report

Data File : H:\LCDATA\LCE\092606\E37947D.D Vial: 6
Acq On : 26 Sep 2006 16:08 Operator: ST.
Sample : BKS93853 Inst : LCC-FL
Misc : WATER Multiplr: 1.00
IntFile : events.e
Quant Time: Sep 27 8:25 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: DS 9/20/06 Client: Shaw

Analysis Method: 8330 + PETN + NG

Extraction Chemist: VT Date: 09/20/06 Spike Witness: N-P

Work Order	Fraction	Sample Amount gram/mL	Surrogate Added, mL	Spike Added, mL	Final Volume, mL
609089	BLK	1000	1.0	—	2.0
	BKS1	1000		1.0 + 0.4	
	BKSD1	1000		↓	
	BKS2	1000		1.0 NG	
	BKSD2	1000		↓	
↓	003	950/1L		-	
609088	001	980/1L		-	
609093	002	950/1L		-	
↓	004	970/1L	↓	-	↓

VT 09/20/06

Solvent: Acetonitrile / DI Water

Solvent Lot #: 051296 Matrix Spike #: 37629 Matrix Spike Conc.: 5.0 PPM

Surrogate Solution #: 37212 Matrix Spike #: 37353 PETN Matrix Spike Conc.: 10.0 PPM

Surrogate Conc.(s): 6 PPM Matrix Spike #: 37354 Matrix Spike Conc.: 100 PPM.

Calcium Chloride#: — Sodium Sulfate#: — Sand#:

Sodium Chloride#: —

Comments & Observations: All Samples filtered HOIC Sa

xenco 93852 for 8330 W for 609089, 609088, 609093
xenco 93853 for Petn W for WO 609089, 609093
xenco 93854 for 8330 NG W for 609089, 609093

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: 09/20/06

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							
LCE							

ST. 09/20/06

Remarks	Standard	Solution ID	Conc.	Date Prep.
# 91965	8330 PETN STD	#38042	10ppm	09/04/06
	4-Nitroanaline	#37558	10ppm	07/27/06
OK				

Pls. See pg 156 for 09/20/06 sequence. ST.

HPLC ANALYSIS LOGBOOK

Instrument ID: LC # E (WATERS)

Method File: h:\lcdata\lce\methods	Data File Path: h:\lcdata\lce\092606
Detector/ Wavelength: UV	Mobile Phase: PETN-L4S-62-31
Injection Volume: 100 uL	Flow Rate: 1.2 ml/min

ICAL: 6920 PETN Analyst: ST. Reviewed by: S.S. Date: 9/27/06

Injection Log

Directory: h:\lcdata\lce\092606

	Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected	Comments
LCE								
LCE								
LCE	1	1	e37941d.d	1.	PETN STD	CONT CAL	26 Sep	
	2	1	e37942d.d	1.	BLK93635	WATER	26 Sep	
LCE	3	2	e37943d.d	1.	BKS93635	WATER	26 Sep	
	4	3	e37944d.d	1.	BKSD93635	WATER	26 Sep	
LCE	5	4	e37945d.d	1.	608184-001-001-1/2	WATER	26 Sep	
	6	5	e37946d.d	1.	BLK93853	WATER	26 Sep	
LCE	7	6	e37947d.d	1.	BKS93853	WATER	26 Sep	
	8	7	e37948d.d	1.	BKSD93853	WATER	26 Sep	
LCE	9	8	e37949d.d	1.	609089-003-001-1/2	WATER	26 Sep	
	10	9	e37950d.d	1.	609093-002-009-1/2	WATER	26 Sep	
LCE	11	10	e37951d.d	1.	609084-001-001-1/2	WATER	26 Sep	
	12	11	e37952d.d	1.	RINSE	ACN	26 Sep	
LCE	13	12	e37953d.d	1.	PETN STD	CONT CAL	26 Sep	
	14	13	e37954d.d	1.	609093-004-011-1/2	WATER	26 Sep	
LCE	15	14	e37955d.d	1.	BLK93814	SOIL	26 Sep	
	16	15	e37956d.d	1.	BKS93814	SOIL	26 Sep	
LCE	17	16	e37957d.d	1.	609053-002-003-1/2MS	SOIL	26 Sep	
	18	17	e37958d.d	1.	609053-002-003-1/2MSD	SOIL	26 Sep	
LCE	19	18	e37959d.d	1.	609053-001-001-1/2	SOIL	26 Sep	
	20	19	e37960d.d	1.	609053-002-003-1/2	SOIL	26 Sep	
LCE	21	20	e37961d.d	1.	609053-003-005-1/2	SOIL	26 Sep	
	22	21	e37962d.d	1.	609053-010-007-1/2	SOIL	26 Sep	
LCE	23	22	e37963d.d	1.	609053-011-009-1/2	SOIL	26 Sep	
	24	23	e37964d.d	1.	609054-002-008-1/2	SOIL	26 Sep	
LCE	25	24	e37965d.d	1.	RINSE	ACN	26 Sep	
	26	25	e37966d.d	1.	PETN STD	CONT CAL	26 Sep	
LCE	27	26	e37967d.d	1.	609054-003-010-1/2	SOIL	26 Sep	
	28	27	e37968d.d	1.	609054-004-012-1/2	SOIL	26 Sep	
LCE	29	28	e37969d.d	1.	609054-005-014-1/2	SOIL	26 Sep	
	30	29	e37970d.d	1.	609031-001-001-1/1	SOIL	27 Sep	
LCE	31	30	e37971d.d	1.	RINSE	ACN	27 Sep	
	32	31	e37972d.d	1.	PETN STD	CONT CAL	27 Sep	
LCE	33	32	e37973d.d	1.	PETN STD	CONT CAL	27 Sep	
LCE								
LCE								
LCE								
LCE								
LCE					ST. 09/27/06			
LCE								

Remarks	Standard	Solution ID	Conc.	Date Prep.
	PETN STD	# 38042	10ppm	09/04/06
	4-Nitroaniline	# 37558	10ppm	07/22/06

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.: 609089

SOW No.: SW846

EPA Sample No.	Lab Sample ID
122022-AQ-0019	S 609112-005-027-1/1
122022-AQ-0019 MS	SP609112-005-027-1/1
122022-AQ-0019 MSD	SD609112-005-027-1/1
NWO-011-2002	S 609088-001-005-1/1
NWO-011-2002 MS	SP609088-001-005-1/1
NWO-011-2002 MSD	SD609088-001-005-1/1
NWO-017-3003	S 609089-001-001-1/1
NWO-017-3004	S 609089-002-002-1/1
NWO-017-3008	S 609089-003-012-1/1

		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.

Signature: kc Name: Kelvin K-C. CHOI

Date: 10/5/2006 Title: Chemist

GPL Laboratories, LLLP

Sample Results

Project:	609089	Matrix:	Water
Lab Sample ID:	S 609089-001-001-1/1	Percent Moisture:	NA
Client Sample ID:	NWO-017-3003	Prep Batch:	94062
Analysis Method:		Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.18	2.0	0.46	J	1	09/28/06 22:46

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

GPL Laboratories, LLLP

Sample Results

Project:	609089	Matrix:	Water
Lab Sample ID:	S 609089-002-002-1/1	Percent Moisture:	NA
Client Sample ID:	NWO-017-3004	Prep Batch:	94062
Analysis Method:		Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Lead	208	0.18	2.0	0.36	J	1	09/28/06 22:52

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

GPL Laboratories, LLLP

Sample Results

Project:	609089	Matrix:	Water
Lab Sample ID:	S 609089-003-012-1/1	Percent Moisture:	NA
Client Sample ID:	NWO-017-3008	Prep Batch:	94062
Analysis Method:		Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	5.5	100	5.7	J	1	09/28/06 22:58
Antimony	121	0.13	1.0	0.13	U	1	09/28/06 22:58
Barium	137	0.15	5.0	4.0	JB	1	09/28/06 22:58
Cadmium	110	0.17	0.50	0.17	U	1	09/28/06 22:58
Chromium	52	1.3	2.0	1.3	U	1	09/28/06 22:58
Cobalt	59	0.016	1.0	0.027	JB	1	09/28/06 22:58
Copper	65	0.43	2.0	1.0	J	1	09/28/06 22:58
Iron	56	5.5	50.0	22.9	J	1	09/28/06 22:58
Lead	208	0.18	2.0	0.81	J	1	09/28/06 22:58
Magnesium	25	4.8	100	1140		1	09/28/06 22:58
Manganese	55	0.39	2.0	3.0		1	09/28/06 22:58
Molybdenum	95	0.12	5.0	0.57	J	1	09/28/06 22:58
Nickel	60	0.15	1.0	0.90	J	1	09/28/06 22:58
Strontium	88	0.17	2.0	41.0		1	09/28/06 22:58
Titanium	47	0.29	2.0	1.0	J	1	09/28/06 22:58
Zinc	66	1.8	10.0	10.6		1	09/28/06 22:58

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

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Sample Results

Project:	609089	Matrix:	Water
Lab Sample ID:	S 609089-003-012-1/1	Percent Moisture:	NA
Client Sample ID:	NWO-017-3008	Prep Batch:	94068
Analysis Method:	Mercury (7470A, Cold Vapor)	Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.034	0.20	0.034	U	1	10/02/06 16:55

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609089	Matrix:	Water
Lab Sample ID:	BLK94062	Percent Moisture:	NA
Client Sample ID:	NA	Prep Batch:	94062
Analysis Method:		Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Aluminum	27	5.5	100	10.2	J	1	09/28/06 22:03
Antimony	121	0.13	1.0	0.13	U	1	09/28/06 22:03
Barium	137	0.15	5.0	0.55	J	1	09/28/06 22:03
Cadmium	110	0.17	0.50	0.17	U	1	09/28/06 22:03
Chromium	52	1.3	2.0	1.3	U	1	09/28/06 22:03
Cobalt	59	0.016	1.0	0.016	U	1	09/28/06 22:03
Copper	65	0.43	2.0	0.43	U	1	09/28/06 22:03
Iron	56	5.5	50.0	5.5	U	1	09/28/06 22:03
Lead	208	0.18	2.0	0.18	U	1	09/28/06 22:03
Magnesium	25	4.8	100	4.8	U	1	09/28/06 22:03
Manganese	55	0.39	2.0	0.39	U	1	09/28/06 22:03
Molybdenum	95	0.12	5.0	0.12	U	1	09/28/06 22:03
Nickel	60	0.15	1.0	0.15	U	1	09/28/06 22:03
Strontium	88	0.17	2.0	0.45	J	1	09/28/06 22:03
Titanium	47	0.29	2.0	0.29	U	1	09/28/06 22:03
Zinc	66	1.8	10.0	3.8	J	1	09/28/06 22:03

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

GPL Laboratories, LLLP

Preparation Blank Results

Project:	609089	Matrix:	Water
Lab Sample ID:	BLK94068	Percent Moisture:	NA
Client Sample ID:	NA	Prep Batch:	94068
Analysis Method:	Mercury (7470A, Cold Vapor)	Reporting Units:	ug/L

Analyte	WL/ Mass	Method Detection Limit	Reporting Limit	Reported Result	Q	Dilution Factor	Analysis Date/Time
Mercury	253.7	0.034	0.20	0.034	U	1	10/02/06 16:49

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

GPL Laboratories, LLLP

Initial Calibration Verification

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV 9/28/2006 5:09:55 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	500.0	511.20	102						
Antimony	40.0	41.55	104						
Barium	40.0	41.82	105						
Chromium	40.0	39.06	98						
Cobalt	40.0	41.08	103						
Copper	40.0	40.74	102						
Iron	500.0	528.27	106						
Lead	40.0	40.55	101						
Magnesium	5000.0	5113.33	102						
Manganese	40.0	41.40	104						
Molybdenum	40.0	40.55	101						
Nickel	40.0	41.49	104						
Strontium	40.0	41.20	103						
Titanium	40.0	41.08	103						
Zinc	40.0	41.79	104						

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Initial Calibration Verification

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	ICV(CD) 9/28/2006 5:15:01 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Cadmium	4.0	3.82	96						

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Initial Calibration Verification

Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:	CPI	Standard ID:	

Analyte	True	Ck2 ICV 10/2/2006 4:38:44 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	3.0	3.22	107						

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Continuing Calibration Verification

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV1 9/28/2006 5:27:16 PM		CCV2 9/28/2006 6:10:04 PM		CCV3 9/28/2006 7:23:38 PM		CCV4 9/28/2006 8:37:16 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	4985.67	100	4990.00	100	5089.33	102	5142.67	103
Antimony	50.0	50.25	101	50.35	101	50.76	102	50.30	101
Barium	50.0	48.63	97	48.38	97	48.92	98	48.78	98
Cadmium	50.0	49.46	99	49.11	98	49.62	99	50.21	100
Chromium	50.0	48.18	96	48.20	96	47.87	96	48.29	97
Cobalt	50.0	48.37	97	49.03	98	49.28	99	49.38	99
Copper	50.0	48.37	97	48.90	98	49.30	99	49.15	98
Iron	5000.0	5035.00	101	5021.33	100	5103.33	102	5192.33	104
Lead	50.0	48.89	98	49.07	98	48.95	98	48.81	98
Magnesium	10000.0	9499.33	95	9478.33	95	9568.00	96	10051.00	101
Manganese	50.0	48.91	98	49.03	98	49.04	98	49.80	100
Molybdenum	50.0	49.77	100	51.01	102	49.24	98	49.20	98
Nickel	50.0	48.85	98	49.11	98	49.74	99	49.23	98
Strontium	50.0	49.79	100	49.28	99	48.85	98	49.37	99
Titanium	50.0	49.72	99	49.64	99	49.63	99	49.62	99
Zinc	50.0	49.23	98	49.73	99	50.17	100	49.57	99

GPL Laboratories, LLLP

Continuing Calibration Verification

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	CCV5 9/28/2006 9:50:57 PM		CCV6 9/28/2006 11:04:36 PM					
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	5000.0	5276.33	106	5167.00	103				
Antimony	50.0	50.31	101	50.23	100				
Barium	50.0	49.05	98	48.93	98				
Cadmium	50.0	50.15	100	49.46	99				
Chromium	50.0	48.67	97	47.98	96				
Cobalt	50.0	49.82	100	48.99	98				
Copper	50.0	49.58	99	49.07	98				
Iron	5000.0	5268.67	105	5196.00	104				
Lead	50.0	48.53	97	48.59	97				
Magnesium	10000.0	10366.67	104	10054.00	101				
Manganese	50.0	49.82	100	49.23	98				
Molybdenum	50.0	49.41	99	49.73	99				
Nickel	50.0	50.76	102	49.34	99				
Strontium	50.0	49.49	99	49.39	99				
Titanium	50.0	48.46	97	48.46	97				
Zinc	50.0	49.99	100	50.41	101				

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Continuing Calibration Verification

Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	True	Ck5 CCV1 10/2/2006 4:45:27 PM		Ck5 CCV2 10/2/2006 5:13:20 PM		Ck5 CCV3 10/2/2006 5:41:22 PM		Ck5 CCV4 10/2/2006 6:02:03 PM	
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	5.0	5.02	100	5.02	100	5.06	101	5.09	102

GPL Laboratories, LLLP

Low Level Check Standard

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	True	PQL 9/28/2006 5:39:32 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Aluminum	100.0	102.87	103						
Antimony	1.0	1.10	110						
Barium	5.0	5.36	107						
Cadmium	0.5	0.51	101						
Chromium	2.0	1.61	81						
Cobalt	1.0	1.02	102						
Copper	2.0	2.12	106						
Iron	50.0	43.30	87						
Lead	2.0	1.96	98						
Magnesium	100.0	95.56	96						
Manganese	2.0	1.98	99						
Molybdenum	5.0	5.05	101						
Nickel	1.0	1.11	111						
Strontium	2.0	1.96	98						
Titanium	2.0	2.06	103						
Zinc	10.0	9.95	99						

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Low Level Check Standard

Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:	AB.ST	Standard ID:	

Analyte	True	Ck4 CRA 10/2/2006 4:43:18 PM							
		Found	%R	Found	%R	Found	%R	Found	%R
Mercury	0.2	0.22	111						

GPL Laboratories, LLLP
Initial Calibration Blanks

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	ICB 9/28/2006 5:21:09 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	5.50	U						
Antimony	1.00	0.13	U						
Barium	5.00	0.15	U						
Cadmium	0.50	0.17	U						
Chromium	2.00	1.30	U						
Cobalt	1.00	0.02	U						
Copper	2.00	0.43	U						
Iron	50.00	5.50	U						
Lead	2.00	0.18	U						
Magnesium	100.00	4.80	U						
Manganese	2.00	0.39	U						
Molybdenum	5.00	0.12	U						
Nickel	1.00	0.15	U						
Strontium	2.00	0.17	U						
Titanium	2.00	0.29	U						
Zinc	10.00	1.80	U						

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Initial Calibration Blanks

Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck3 ICB 10/2/2006 4:41:12 PM							
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.03	U						

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Continuing Calibration Blanks

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB1 9/28/2006 5:33:24 PM		CCB2 9/28/2006 6:16:12 PM		CCB3 9/28/2006 7:29:47 PM		CCB4 9/28/2006 8:43:26 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	5.50	U	5.50	U	5.50	U	6.12	J
Antimony	1.00	0.13	U	0.13	U	0.13	U	0.13	U
Barium	5.00	0.15	U	0.15	U	0.15	U	0.15	U
Cadmium	0.50	0.17	U	0.17	U	0.17	U	0.17	U
Chromium	2.00	1.30	U	1.30	U	1.30	U	1.30	U
Cobalt	1.00	0.02	U	0.02	U	0.02	U	0.03	J
Copper	2.00	0.43	U	0.43	U	0.43	U	0.43	U
Iron	50.00	5.50	U	5.50	U	5.50	U	7.32	J
Lead	2.00	0.18	U	0.18	U	0.18	U	0.18	U
Magnesium	100.00	4.80	U	4.80	U	4.80	U	4.80	U
Manganese	2.00	0.39	U	0.39	U	0.39	U	0.42	J
Molybdenum	5.00	0.12	U	0.44	J	0.12	U	0.12	U
Nickel	1.00	0.15	U	0.15	U	0.15	U	0.15	U
Strontium	2.00	0.17	U	0.17	U	0.17	U	0.17	U
Titanium	2.00	0.29	U	0.29	U	0.29	U	0.43	J
Zinc	10.00	1.80	U	1.80	U	1.80	U	1.80	U

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Continuing Calibration Blanks

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:		Standard ID:	

Analyte	RL	CCB5 9/28/2006 9:57:05 PM		CCB6 9/28/2006 11:10:42 PM					
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Aluminum	100.00	5.50	U	5.50	U				
Antimony	1.00	0.13	U	0.13	U				
Barium	5.00	0.15	U	0.15	U				
Cadmium	0.50	0.17	U	0.17	U				
Chromium	2.00	1.30	U	1.30	U				
Cobalt	1.00	0.02	J	0.02	U				
Copper	2.00	0.43	U	0.43	U				
Iron	50.00	5.50	U	5.50	U				
Lead	2.00	0.18	U	0.18	U				
Magnesium	100.00	4.80	U	4.80	U				
Manganese	2.00	0.39	U	0.39	U				
Molybdenum	5.00	0.12	U	0.12	U				
Nickel	1.00	0.15	U	0.15	U				
Strontium	2.00	0.17	U	0.17	U				
Titanium	2.00	0.29	U	0.29	U				
Zinc	10.00	1.80	U	1.80	U				

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Continuing Calibration Blanks

Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:		Standard ID:	

Analyte	RL	Ck6 CCB1 10/2/2006 4:47:43 PM		Ck6 CCB2 10/2/2006 5:15:41 PM		Ck6 CCB3 10/2/2006 5:43:48 PM		Ck6 CCB4 10/2/2006 6:04:19 PM	
		Found	Flag	Found	Flag	Found	Flag	Found	Flag
Mercury	0.20	0.03	U	0.03	U	0.03	U	0.03	U

GPL Laboratories, LLLP

Interference Check Standards

Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	RL	True		Initial Found				Final Found			
		Sol. A	Sol. B	ICSA 09/28/06 17:45	%R	ICSAB 09/28/06 17:51	%R		%R		%R
Aluminum	100		100000	98700	99	98900	99				
Antimony	1		20	0.19		18.5	92				
Barium	5		20	0.54		20.0	100				
Cadmium	0.5		20	0.12		17.1	85				
Chromium	2		20	0.57		19.1	95				
Cobalt	1		20	0.081		18.2	91				
Copper	2		20	0.67		17.1	86				
Iron	50		250000	246000	99	246000	98				
Lead	2		20	0.13		20.4	102				
Magnesium	100		100000	96400	96	93400	93				
Manganese	2		20	0.061		18.8	94				
Molybdenum	5		2000	1990	100	1970	99				
Nickel	1		20	0.27		17.4	87				
Strontium	2		20	4.2		24.3	121				
Titanium	2		2000	2070	A3	2070	103				
Zinc	10		20	1.6		17.6	88				

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Matrix Spike Recovery

Client ID:	NWO-011-2002 MS	Lab Sample ID:	SP609088-001-005-1/1
Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 22:21		Sample Result 09/28/06 22:15		Spike Added	%R
Aluminum	5243.00		5.74	J	5000.00	105
Antimony	46.05		0.13	U	50.00	92
Barium	570.93		78.88		500.00	98
Cadmium	47.01		0.17	U	50.00	94
Chromium	239.37		1.30	U	250.00	96
Cobalt	243.07		0.14	J	250.00	97
Copper	243.17		1.75	J	250.00	97
Iron	5270.33		16.58	J	5000.00	105
Lead	489.50		0.35	J	500.00	98
Magnesium	31003.33		25316.67		5000.00	114
Manganese	588.70		84.34		500.00	101
Molybdenum	240.13		1.00	J	250.00	96
Nickel	247.73		0.88	J	250.00	99
Strontium	553.17		41.85		500.00	102
Titanium	937.10		1.07	J	1000.00	94
Zinc	441.63		5.30	J	500.00	87

GPL Laboratories, LLLP

Matrix Spike Recovery

Client ID:	122022-AQ-0019 MS	Lab Sample ID:	SP609112-005-027-1/1
Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 10/02/06 17:55		Sample Result 10/02/06 17:53		Spike Added	%R
Mercury	0.99		0.03	U	1.00	99

GPL Laboratories, LLLP

Matrix Spike Duplicate Recovery

Client ID:	NWO-011-2002 MSD	Lab Sample ID:	SD609088-001-005-1/1
Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 22:27		Sample Result 09/28/06 22:15		Spike Added	%R
Aluminum	5136.67		5.74	J	5000.00	103
Antimony	46.63		0.13	U	50.00	93
Barium	564.33		78.88		500.00	97
Cadmium	48.00		0.17	U	50.00	96
Chromium	235.63		1.30	U	250.00	94
Cobalt	240.00		0.14	J	250.00	96
Copper	238.00		1.75	J	250.00	94
Iron	5211.00		16.58	J	5000.00	104
Lead	486.70		0.35	J	500.00	97
Magnesium	30596.67		25316.67		5000.00	106
Manganese	585.27		84.34		500.00	100
Molybdenum	235.70		1.00	J	250.00	94
Nickel	241.23		0.88	J	250.00	96
Strontium	547.00		41.85		500.00	101
Titanium	924.27		1.07	J	1000.00	92
Zinc	452.13		5.30	J	500.00	89

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Matrix Spike Duplicate Recovery

Client ID:	122022-AQ-0019 MSD	Lab Sample ID:	SD609112-005-027-1/1
Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 10/02/06 17:57		Sample Result 10/02/06 17:53		Spike Added	%R
Mercury	1.00		0.03	U	1.00	100

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Duplicates (RPD)

Client ID:	NWO-011-2002 MSD	Lab Sample ID:	SD609088-001-005-1/1
Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv

dp 10/5/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results		MATRIX SPIKE Duplicate Sample Results		RPD	Control Limit	Q
Aluminum	5243.00		5136.67		2	20	
Antimony	46.05		46.63		1	20	
Barium	570.93		564.33		1	20	
Cadmium	47.01		48.00		2	20	
Chromium	239.37		235.63		2	20	
Cobalt	243.07		240.00		1	20	
Copper	243.17		238.00		2	20	
Iron	5270.33		5211.00		1	20	
Lead	489.50		486.70		1	20	
Magnesium	31003.33		30596.67		1	20	
Manganese	588.70		585.27		1	20	
Molybdenum	240.13		235.70		2	20	
Nickel	247.73		241.23		3	20	
Strontium	553.17		547.00		1	20	
Titanium	937.10		924.27		1	20	
Zinc	441.63		452.13		2	20	

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Duplicates (RPD)

Client ID:	122022-AQ-0019 MSD	Lab Sample ID:	SD609112-005-027-1/1
Project:	609089	Instrument:	7470
Units:	ug/L	Data File Name:	HG061002B.PRN

AP 10/5/06

Analyte	MATRIX SPIKE ~~Original~~ Sample Results		MATRIX SPIKE Duplicate Sample Results		RPD	Control Limit	Q
Mercury	0.99		1.00		1	20	

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Laboratory Control Sample

Project:	609089	Lab Sample ID:	BKS94062
Units:	ug/L	Instrument:	301x
		Data File Name:	060928MS.csv
Standard Source:	H.P.	Standard ID:	

Analyte	Spiked Sample Result 09/28/06 22:09	Spike Added	%R
Aluminum	5040.00	5000.00	101
Antimony	46.97	50.00	94
Barium	488.43	500.00	98
Cadmium	48.42	50.00	97
Chromium	239.20	250.00	96
Cobalt	243.23	250.00	97
Copper	244.70	250.00	98
Iron	5116.00	5000.00	102
Lead	485.63	500.00	97
Magnesium	4891.00	5000.00	98
Manganese	493.20	500.00	99
Molybdenum	236.17	250.00	94
Nickel	247.27	250.00	99
Strontium	477.67	500.00	96
Titanium	926.67	1000.00	93
Zinc	458.20	500.00	92

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Laboratory Control Sample

Project:	609089	Lab Sample ID:	BKS94068
Units:	ug/L	Instrument:	7470
		Data File Name:	HG061002B.PRN
Standard Source:	AB.ST.	Standard ID:	

Analyte	Spiked Sample Result 10/02/06 16:52	Spike Added	%R
Mercury	0.99	1.00	99

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Serial Dilutions

Client ID:	NWO-011-2002	Lab Sample ID:	SE609088-001-005-1/1
Project:	609089	Instrument:	301x
Units:	ug/L	Data File Name:	060928MS.csv

Analyte	Sample Result 09/28/06 22:15		Serial Dilution Result 09/28/06 22:40		Percent Difference	Flag
Aluminum	5.74	J	27.50	U	100	
Antimony	0.13	U	0.71	J		
Barium	78.88		77.17		2	
Cadmium	0.17	U	0.85	U		
Chromium	1.30	U	6.50	U		
Cobalt	0.14	J	0.12	J	14	
Copper	1.75	J	2.15	U	100	
Iron	16.58	J	27.50	U	100	
Lead	0.35	J	0.90	U	100	
Magnesium	25316.67		25093.33		1	
Manganese	84.34		84.92		1	
Molybdenum	1.00	J	1.22	J	23	
Nickel	0.88	J	0.91	J	3	
Strontium	41.85		40.95		2	
Titanium	1.07	J	1.45	U	100	
Zinc	5.30	J	11.96	J	126	

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Detection Limits

Project: 609089 Instrument: 301x

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Aluminum	27	100	5.5	04/19/06
Antimony	121	1.0	0.13	04/19/06
Barium	137	5.0	0.15	04/19/06
Cadmium	110	0.50	0.17	04/19/06
Chromium	52	2.0	1.3	04/19/06
Cobalt	59	1.0	0.016	04/19/06
Copper	65	2.0	0.43	04/19/06
Iron	56	50.0	5.5	04/19/06
Lead	208	2.0	0.18	04/19/06
Magnesium	25	100	4.8	04/19/06
Manganese	55	2.0	0.39	04/19/06
Molybdenum	95	5.0	0.12	04/19/06
Nickel	60	1.0	0.15	04/19/06
Strontium	88	2.0	0.17	04/19/06
Titanium	47	2.0	0.29	04/19/06
Zinc	66	10.0	1.8	04/19/06

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Detection Limits

Project: 609089 Instrument: 7470

Units: ug/L

Analyte	Wavelength/Mass	Reporting Limit	Method Detection Limit	Date of MDL
Mercury	253.7	0.20	0.034	08/02/06

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Linear Dynamic Ranges

Project: 609089 Instrument: 301x

Units: ug/L

Analyte	Wavelength/Mass	Linear Dynamic Range	Date of LDR 10/5/06 LP
Aluminum	27	110000	~~04/19/06~~ 9/26/06
Antimony	121	550	04/19/06
Barium	137	5500	04/19/06
Cadmium	110	1100	04/19/06
Chromium	52	5500	04/19/06
Cobalt	59	5500	04/19/06
Copper	65	5500	04/19/06
Iron	56	275000	04/19/06
Lead	208	11000	04/19/06
Magnesium	25	110000	04/19/06
Manganese	55	5500	04/19/06
Molybdenum	95	5500	04/19/06
Nickel	60	4125	04/19/06
Strontium	88	6000	04/19/06
Titanium	47	5500	04/19/06
Zinc	66	2750	~~04/19/06~~

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Preparation Log

Project:	609089	Instrument:	301x
Prep Method:	Preparation for the Manual Cold	Batch Number:	94062

Lab Sample ID	Client ID	Preparation Date	Initial Volume (ml)	Final Volume (ml)
BLK94062	BLK94062	09/21/2006	100.00	100
BKS94062	BKS94062	09/21/2006	100.00	100
S 609088-001-005-1/1	NWO-011-2002	09/21/2006	100.00	100
SP609088-001-005-1/1	NWO-011-2002 MS	09/21/2006	100.00	100
S 609089-001-001-1/1	NWO-017-3003	09/21/2006	100.00	100
S 609089-002-002-1/1	NWO-017-3004	09/21/2006	100.00	100
S 609089-003-012-1/1	NWO-017-3008	09/21/2006	100.00	100
SD609088-001-005-1/1	NWO-011-2002 MSD	09/21/2006	100.00	100

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Preparation Log

Project: 609089 Instrument: 7470

Prep Method: Batch Number: 94068

Lab Sample ID	Client ID	Preparation Date	Initial Volume (ml)	Final Volume (ml)
BLK94068	BLK94068	09/29/2006	100.00	100
BKS94068	BKS94068	09/29/2006	100.00	100
S 609112-005-027-1/1	122022-AQ-0019	09/29/2006	100.00	100
SP609112-005-027-1/1	122022-AQ-0019 MS	09/29/2006	100.00	100
S 609089-003-012-1/1	NWO-017-3008	09/29/2006	100.00	100
SD609112-005-027-1/1	122022-AQ-0019 MSD	09/29/2006	100.00	100

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Analysis Run Log

Project: 609089 Instrument: 301x

Data File Name: 060928MS.csv

Sample Name	Client ID	Analysis Date	Analysis Time
BLANK		09/28/06	4:34 PM
STD1		09/28/06	4:39 PM
STD2		09/28/06	4:44 PM
STD3		09/28/06	4:49 PM
STD4		09/28/06	4:54 PM
STD5		09/28/06	4:59 PM
STD6		09/28/06	5:04 PM
ICV		09/28/06	5:09 PM
ICV(CD)		09/28/06	5:15 PM
ICB		09/28/06	5:21 PM
CCV1		09/28/06	5:27 PM
CCB1		09/28/06	5:33 PM
PQL		09/28/06	5:39 PM
ICSA		09/28/06	5:45 PM
ICSAB		09/28/06	5:51 PM
CCV2		09/28/06	6:10 PM
CCB2		09/28/06	6:16 PM
CCV3		09/28/06	7:23 PM
CCB3		09/28/06	7:29 PM
CCV4		09/28/06	8:37 PM
CCB4		09/28/06	8:43 PM
CCV5		09/28/06	9:50 PM
CCB5		09/28/06	9:57 PM
BLK94062	BLK94062	09/28/06	10:03 PM
BKS94062	BKS94062	09/28/06	10:09 PM
S 609088-001-005-1/1	NWO-011-2002	09/28/06	10:15 PM
SP609088-001-005-1/1	NWO-011-2002 MS	09/28/06	10:21 PM
SD609088-001-005-1/1	NWO-011-2002 MSD	09/28/06	10:27 PM
SE609088-001-005-1/1	NWO-011-2002	09/28/06	10:40 PM
S 609089-001-001-1/1	NWO-017-3003	09/28/06	10:46 PM
S 609089-002-002-1/1	NWO-017-3004	09/28/06	10:52 PM
S 609089-003-012-1/1	NWO-017-3008	09/28/06	10:58 PM
CCV6		09/28/06	11:04 PM
CCB6		09/28/06	11:10 PM

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Analysis Run Log

Project: 609089 Instrument: 7470

Data File Name: HG061002B.PRN

Sample Name	Client ID	Analysis Date	Analysis Time
Std01Rep1		10/02/06	3:52 PM
Std01Rep2		10/02/06	3:54 PM
Std01Rep3		10/02/06	3:56 PM
Std02Rep1		10/02/06	3:59 PM
Std02Rep2		10/02/06	4:01 PM
Std02Rep3		10/02/06	4:05 PM
Std03Rep1		10/02/06	4:09 PM
Std03Rep2		10/02/06	4:11 PM
Std03Rep3		10/02/06	4:13 PM
Std04Rep1		10/02/06	4:16 PM
Std04Rep2		10/02/06	4:18 PM
Std04Rep3		10/02/06	4:20 PM
Std05Rep1		10/02/06	4:22 PM
Std05Rep2		10/02/06	4:25 PM
Std05Rep3		10/02/06	4:28 PM
Std06Rep1		10/02/06	4:30 PM
Std06Rep2		10/02/06	4:32 PM
Std06Rep3		10/02/06	4:34 PM
Ck2 ICV		10/02/06	4:38 PM
Ck3 ICB		10/02/06	4:41 PM
Ck4 CRA		10/02/06	4:43 PM
Ck5 CCV1		10/02/06	4:45 PM
Ck6 CCB1		10/02/06	4:47 PM
BLK94068	BLK94068	10/02/06	4:49 PM
BKS94068	BKS94068	10/02/06	4:52 PM
S 609089-003-012-1/1	NWO-017-3008	10/02/06	4:55 PM
Ck5 CCV2		10/02/06	5:13 PM
Ck6 CCB2		10/02/06	5:15 PM
Ck5 CCV3		10/02/06	5:41 PM
Ck6 CCB3		10/02/06	5:43 PM
S 609112-005-027-1/1	122022-AQ-0019	10/02/06	5:53 PM
SP609112-005-027-1/1	122022-AQ-0019 MS	10/02/06	5:55 PM
SD609112-005-027-1/1	122022-AQ-0019 MSD	10/02/06	5:57 PM
Ck5 CCV4		10/02/06	6:02 PM
Ck6 CCB4		10/02/06	6:04 PM

ICPMS ANALYSIS LOG

Instrument ID: ICPMS (X0206) Inst. Method: 6020A Nebulizer: CONIKAL

Analytical Batch No: 060928MS

Workorder	Project/SDG #	Prep. Seq.	Batch #	Matrix s/w/e	Prep. Date	Method	Comments / Dilution
609054	SHAW		136	S	9.21.06	6020A	20x ON 002, 006 / 10x ON 006
609054		93952	137				~~10x, 20x ON 006~~ 10x ON ALL
609069		93952	137				
609088		94062	135	W			
609089							
609093							
609072	FLATWATER	93804	126	S	9.18.06		10x ON ALL BATCH QC ONLY
609079	ZAPATA						
609073	APEX		125	W			BATCH QC ONLY
609079	ZAPATA						
							I.S. - No Y

Source Solution Numbers				Post Digestion Spikes
Stds.	Number	Stds.	Number	Spike 9.9 mls of sample with 0.1 mls of 35664
S0	129-102-04	ICV	38188	Samples:
S1	37871	CCV	38168	609054-006-005-1/3
S2	37872	ICSA	38169	609069-001-013-1/6
S3	37873	ICSAB	38170	609088-001-005-1/31
S4	38185	CRI 5ppb	38187	609073-001-001-1/1
S5	38186	Low Ck	38153	
Ints	38171	LR	37926	

Analyst: [signature] Date: 9.29.06 Reviewed: RA Date: 9-29-06

ICP ANALYSIS LOG

GPL - Maryland Laboratory | ICPMS Analysis Log | Data File: 060928MS.csv

Seq	Sample Name	DB	Date	Time	Seq	Sample Name	DB	Date	Time	Seq	Sample Name	DB	Date	Time	Seq	Sample Name	DB	Date	Time	Seq	Sample Name	DB	Date	Time
1	BLANK		10/28/2006	18:34	31	SE600054-008-005-1/1		02/28/2006	18:35	61	SE600088-001-005-1/1		02/28/2006	22:40	91	S 600070-010-010-1/1		10/28/2006	1:44					
2	STD1		10/28/2006	18:38	32	BLK(93852		10/28/2006	18:47	62	S 600088-001-001-1/1		10/28/2006	22:46	92	S 600070-011-011-1/1		10/28/2006	1:50					
3	STD2		10/28/2006	18:44	33	BKS03052		10/28/2006	18:48	63	S 600088-002-002-1/1		10/28/2006	22:52	93	BLK(125)		10/28/2006	2:02					
4	STD3		10/28/2006	18:48	34	S 600054-009-004-1/1		10/28/2006	18:54	64	S 600088-003-012-1/1		10/28/2006	22:56	94	BKS(125)		10/28/2006	2:08					
5	STD4		10/28/2006	18:54	35	S 600088-001-013-1/0		10/28/2006	20:00	65	CCV		10/28/2006	23:04	95	S 600073-001-001-1/1		10/28/2006	2:14					
6	STD5		10/28/2006	18:58	36	SP600088-001-013-1/1		10/28/2006	20:06	66	CCB		10/28/2006	23:10	96	SP600073-001-001-1/1		10/28/2006	2:21					
7	STD6		10/28/2006	17:04	37	SD600088-001-013-1/1		10/28/2006	20:12	67	S 600003-001-001-1/1		10/28/2006	23:16	97	SD600073-001-001-1/1		10/28/2006	2:27					
8	CCV		10/28/2006	17:09	38	PS600088-001-013-1/1		10/28/2006	20:18	68	S 600003-002-013-1/1		10/28/2006	23:22	98	PS600073-001-001-1/1		10/28/2006	2:33					
9	CCV(CD)		10/28/2006	17:15	39	SE600088-001-013-1/1		02/28/2006	20:24	69	S 600003-003-002-1/1		10/28/2006	23:28	99	SE600073-001-001-1/1		02/28/2006	2:39					
10	CCB		10/28/2006	17:21	40	S 600000-002-001-1/2		10/28/2006	20:31	70	S 600003-004-014-1/1		10/28/2006	23:35	100	S 600070-012-012-1/1		10/28/2006	2:45					
11	CCV		10/28/2006	17:27	41	CCV		10/28/2006	20:37	71	BLK03004		10/28/2006	23:41	101	CCV		10/28/2006	2:51					
12	CCB		10/28/2006	17:33	42	CCB		10/28/2006	20:43	72	BKS03004		10/28/2006	23:47	102	CCB		10/28/2006	2:57					
13	PQL		10/28/2006	17:39	43	S 600009-003-003-1/2		10/28/2006	20:49	73	S 600072-001-001-1/1		10/28/2006	23:53	103	ICSA		10/28/2006	3:04					
14	ICSA		10/28/2006	17:45	44	S 600009-004-010-1/1		10/28/2006	20:55	74	SP600072-001-001-1/1		10/28/2006	23:59	104	ICSAB		10/28/2006	3:10					
15	ICSAB		10/28/2006	17:51	45	S 600009-005-020-1/1		10/28/2006	21:01	75	SD600072-001-001-1/1		10/28/2006	0:00	105	CCV		10/28/2006	3:22					
16	LR)Bc		10/28/2006	17:57	46	S 600009-006-005-1/2		10/28/2006	21:06	76	PS600072-001-001-1/1		10/28/2006	0:12	106	CCB		10/28/2006	3:28					
17	CCV		10/28/2006	18:10	47	S 600009-007-007-1/2		10/28/2006	21:14	77	CCV		10/28/2006	0:18										
18	CCB		10/28/2006	18:16	48	S 600009-008-009-1/2		10/28/2006	21:20	78	CCB		10/28/2006	0:24										
19	S 600054-002-008-1/2		10/28/2006	18:22	49	S 600009-009-021-1/1		10/28/2006	21:26	79	SE600072-001-001-1/1		10/28/2006	0:30										
20	S 600054-000-008-1/3		10/28/2006	18:28	50	S 600009-010-022-1/1		10/28/2006	21:32	80	S 600070-001-001-1/1		10/28/2006	0:36										
21	SP600054-008-005-1/1		10/28/2006	18:34	51	S 600009-011-011-1/2		10/28/2006	21:38	81	S 600070-002-002-1/1		10/28/2006	0:42										
22	SD600054-008-005-1/1		10/28/2006	18:40	52	S 600009-012-023-1/1		10/28/2006	21:44	82	S 600070-003-003-1/1		10/28/2006	0:48										
23	PS600054-008-005-1/1		10/28/2006	18:46	53	CCV		10/28/2006	21:50	83	S 600070-004-004-1/1		10/28/2006	0:55										
24	SE600054-008-005-1/1		02/28/2006	18:52	54	CCB		10/28/2006	21:57	84	S 600070-005-005-1/1		10/28/2006	1:01										
25	S 600054-000-008-1/3		10/28/2006	18:58	55	BLK(136)		10/28/2006	22:03	85	S 600070-006-006-1/1		10/28/2006	1:07										
26	SP600054-008-005-1/1		10/28/2006	19:05	56	BKS(136)		10/28/2006	22:09	86	S 600070-007-007-1/1		10/28/2006	1:13										
27	SD600054-008-005-1/1		10/28/2006	19:11	57	S 600088-001-005-1/1		10/28/2006	22:15	87	S 600070-008-008-1/1		10/28/2006	1:19										
28	PS600054-008-005-1/1		10/28/2006	19:17	58	SP600088-001-005-1/1		10/28/2006	22:21	88	S 600070-009-009-1/1		10/28/2006	1:25										
29	CCV		10/28/2006	19:23	59	SD600088-001-005-1/1		10/28/2006	22:27	89	CCV		10/28/2006	1:31										
30	CCB		10/28/2006	19:29	60	PS600088-001-005-1/1		10/28/2006	22:33	90	CCB		10/28/2006	1:38										

Analyst Signature: [signature] Date: 7.29.06 Analyst Signature: Date:

Sample Dilutions:

609054-009-004-1/1:20x For Ti (u)

IS okay
LR 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: 09/28/2006 End Date: 09/29/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
BLANK	16:34	100		100		100		100		100	
STD1	16:39	105		103		106		102		103	
STD2	16:44	106		102		107		100		103	
STD3	16:49	94		93		95		95		94	
STD4	16:54	98		94		96		94		96	
STD5	16:59	100		98		100		97		99	
STD6	17:04	98		98		99		98		100	
ICV	17:09	91		93		89		94		94	
ICV(CD)	17:15	100		95		96		92		97	
ICB	17:21	96		93		95		92		94	
CCV	17:27	98		91		91		88		96	
CCB	17:33	97		94		93		93		96	
PQL	17:39	104		94		95		90		98	
ICSA	17:45	79		80		76		78		85	
ICSAB	17:51	86		83		81		78		90	
LR	17:57	99		89		82		86		97	
CCV	18:10	100		92		91		87		97	
CCB	18:16	104		97		95		94		101	
S 609054-002-008-1/2	18:22	109		100		97		100		105	
S 609054-006-005-1/3	18:28	100		97		93		115		102	
SP609054-006-005-1/3	18:34	101		97		94		117		102	
SD609054-006-005-1/3	18:40	96		95		90		116		98	
PS609054-006-005-1/3	18:46	97		93		88		111		99	
SE609054-006-005-1/3	18:52	109		104		98		104		106	
S 609054-006-005-1/3	18:59	101		99		93		108		101	
SP609054-006-005-1/3	19:05	104		99		94		108		103	
SD609054-006-005-1/3	19:11	102		98		94		108		101	
PS609054-006-005-1/3	19:17	98		93		88		102		98	
CCV	19:23	101		92		91		87		97	
CCB	19:29	100		97		96		96		98	
SE609054-006-005-1/3	19:35	110		103		99		101		105	
BLK93952	19:42	108		104		102		101		104	
BKS93952	19:48	103		97		94		94		99	
S 609054-009-004-1/1	19:54	105		99		96		115		102	
S 609069-001-013-1/6	20:00	104		101		95		99		102	
SP609069-001-013-1/6	20:06	104		98		92		96		101	
SD609069-001-013-1/6	20:12	106		99		93		96		102	
PS609069-001-013-1/6	20:18	99		95		87		95		98	

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: 09/28/2006 End Date: 09/29/2006

EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
SE609069-001-013-1/6	20:24	111		105		98		100		105	
S 609069-002-001-1/2	20:31	107		102		95		99		104	
CCV	20:37	99		92		86		88		96	
CCB	20:43	107		101		97		96		101	
S 609069-003-003-1/2	20:49	103		100		94		100		101	
S 609069-004-019-1/1	20:55	110		103		97		100		105	
S 609069-005-020-1/1	21:01	114		106		102		104		106	
S 609069-006-005-1/2	21:08	106		101		95		100		102	
S 609069-007-007-1/2	21:14	110		103		99		100		105	
S 609069-008-009-1/2	21:20	103		100		94		100		102	
S 609069-009-021-1/1	21:26	110		102		98		99		105	
S 609069-010-022-1/1	21:32	108		102		97		100		104	
S 609069-011-011-1/2	21:38	105		100		94		99		103	
S 609069-012-023-1/1	21:44	111		104		100		101		106	
CCV	21:50	95		91		84		88		94	
CCB	21:57	106		100		96		96		101	
BLK(135)	22:03	106		103		97		99		104	
BKS(135)	22:09	101		96		86		93		99	
S 609088-001-005-1/1	22:15	104		100		99		97		103	
SP609088-001-005-1/1	22:21	97		96		92		95		99	
SD609088-001-005-1/1	22:27	104		101		91		96		104	
PS609088-001-005-1/1	22:33	103		99		96		97		102	
SE609088-001-005-1/1	22:40	106		100		94		96		101	
S 609089-001-001-1/1	22:46	110		102		100		100		104	
S 609089-002-002-1/1	22:52	103		100		95		100		101	
S 609089-003-012-1/1	22:58	99		96		87		93		100	
CCV	23:04	104		96		89		91		99	
CCB	23:10	102		96		89		93		97	
S 609093-001-001-1/1	23:16	108		100		96		98		103	
S 609093-002-013-1/1	23:22	94		93		92		95		98	
S 609093-003-002-1/1	23:29	110		103		97		100		105	
S 609093-004-014-1/1	23:35	107		100		93		95		105	
BLK93804	23:41	107		101		91		97		103	
BKS93804	23:47	111		101		92		94		104	
S 609072-001-001-1/1	23:53	113		105		96		101		107	
SP609072-001-001-1/1	23:59	109		101		92		98		105	
SD609072-001-001-1/1	0:06	113		103		96		98		107	
PS609072-001-001-1/1	0:12	105		97		88		94		102	

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: 09/28/2006 End Date: 09/29/2006

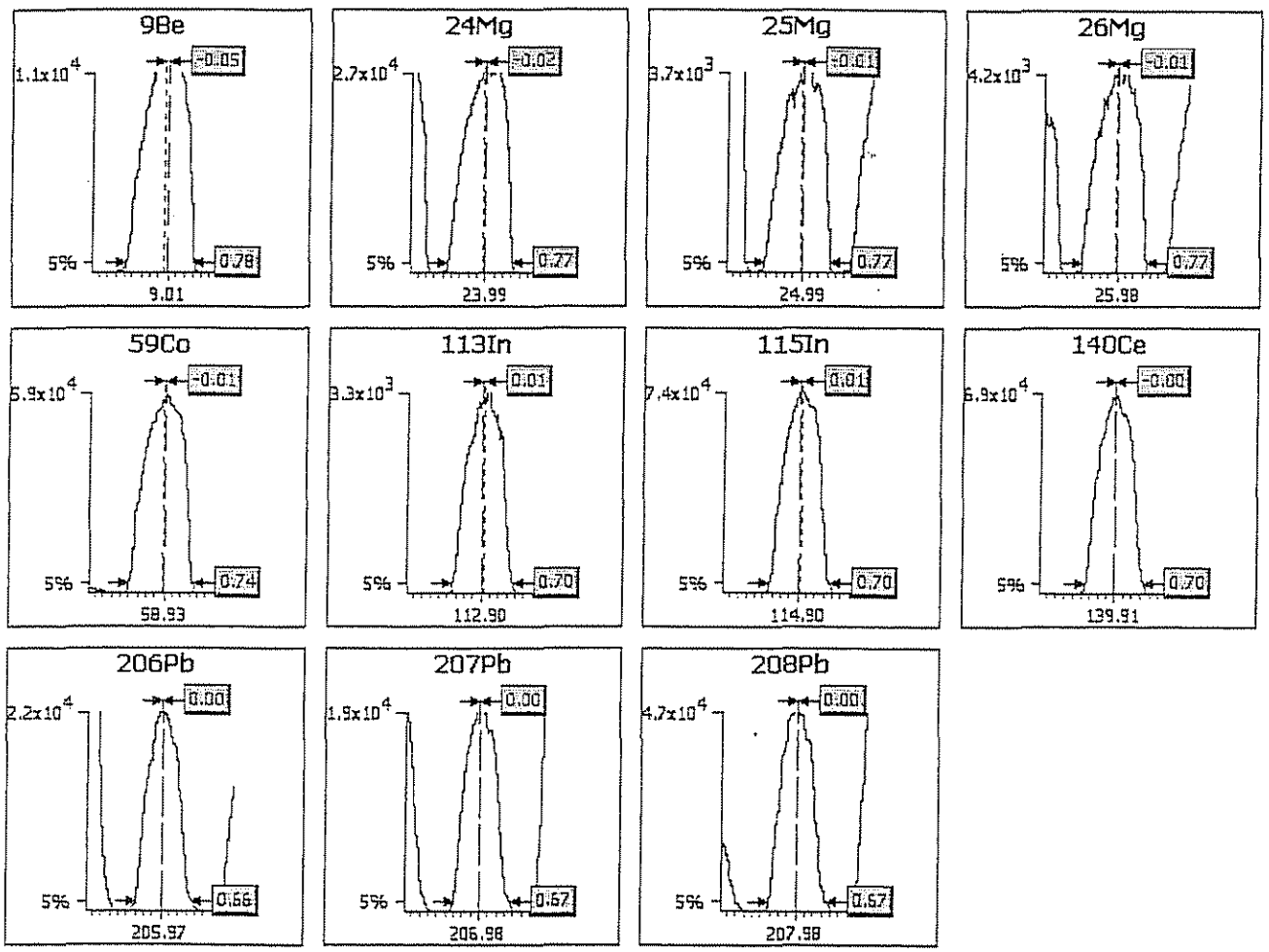
EPA Sample No.	Time	Internal Standards %RI For:									
		Bi (209)	Q	In (115)	Q	Li (6)	Q	Sc (45)	Q	Tb (159)	Q
CCV	0:18	104		94		89		88		99	
CCB	0:24	107		100		93		94		101	
SE609072-001-001-1/1	0:30	112		104		98		100		106	
S 609079-001-001-1/1	0:36	114		106		102		101		107	
S 609079-002-002-1/1	0:42	107		102		96		98		103	
S 609079-003-003-1/1	0:48	111		104		99		99		106	
S 609079-004-004-1/1	0:55	110		104		99		99		105	
S 609079-005-005-1/1	1:01	110		105		98		103		106	
S 609079-006-006-1/1	1:07	114		105		101		101		107	
S 609079-007-007-1/1	1:13	107		103		95		101		104	
S 609079-008-008-1/1	1:19	110		103		97		99		105	
S 609079-009-009-1/1	1:25	112		104		99		98		106	
CCV	1:31	99		93		83		88		96	
CCB	1:38	110		102		95		94		103	
S 609079-010-010-1/1	1:44	110		104		97		99		104	
S 609079-011-011-1/1	1:50	109		103		96		98		104	
BLK(125)	2:02	106		104		93		99		104	
BKS(125)	2:08	107		98		90		92		102	
S 609073-001-001-1/1	2:14	102		100		88		95		104	
SP609073-001-001-1/1	2:21	100		95		86		91		100	
SD609073-001-001-1/1	2:27	104		97		90		91		102	
PS609073-001-001-1/1	2:33	100		98		85		94		101	
SE609073-001-001-1/1	2:39	111		101		93		94		105	
S 609079-012-012-1/1	2:45	110		102		97		95		105	
CCV	2:51	102		94		86		89		98	
CCB	2:57	109		98		93		90		101	
ICSA	3:04	86		83		75		78		89	
ICSAB	3:16	90		84		77		77		92	
CCV	3:22	104		92		86		86		99	
CCB	3:28	109		96		92		89		102	

Performance Report

Sample details
Acquired at : 09/28/2006 02:58:42 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	-0.05
24Mg	0.90	0.45	0.10	0.77	-0.02
25Mg	0.90	0.45	0.10	0.77	-0.01
26Mg	0.90	0.45	0.10	0.77	-0.01
59Co	0.90	0.45	0.10	0.74	-0.01
113In	0.90	0.45	0.10	0.70	0.01
115In	0.90	0.45	0.10	0.70	0.01
140Ce	0.90	0.45	0.10	0.70	-0.00
206Pb	0.90	0.45	0.10	0.66	0.00
207Pb	0.90	0.45	0.10	0.67	0.00
208Pb	0.90	0.45	0.10	0.67	0.00

Sample details
Acquired at : 09/28/2006 02:58:42 PM
Report name : EPA 6020A 2.1A [05/30/2006 01:04:54 PM]

Tune conditions

Major	
Extraction	-157
Lens 1	2.0
Focus	25.1
D1	-41.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.91
Sampling Depth	130

Minor	
Lens 2	-49.4
Lens 3	-134.1
Forward power	1404
Horizontal	105
Vertical	380
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	122
High resolution	125
Analogue Detector	2300
PC Detector	3780

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	03:00:14 PM	0.111	11927.934	28076.719	3911.188	4303.982	60608.917	3641.177	79249.167	73125.060
2	03:01:25 PM	0.111	11645.678	27704.948	3770.627	4319.538	59944.628	3540.063	78704.293	72285.005
3	03:02:35 PM	0.056	11747.357	27861.103	3734.514	4344.539	58817.848	3531.729	78851.631	72704.198
4	03:03:45 PM	0.056	11631.788	27778.302	3746.737	4363.984	59325.926	3522.840	79201.352	72822.617
5	03:04:56 PM	0.278	11720.131	27993.362	3747.848	4357.873	58502.107	3567.841	78918.906	72333.929
x		0.122	11734.577	27882.887	3782.183	4337.983	59439.885	3560.730	78985.070	72654.162
σ		0.09	118.56	152.36	73.29	25.55	851.58	48.03	233.21	350.52
%RSD		74.689	1.010	0.546	1.938	0.589	1.433	1.349	0.295	0.482

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	03:00:14 PM	736.855	24662.485	20882.180	50987.440	0.278
2	03:01:25 PM	728.892	24441.320	20734.927	50417.151	0.167
3	03:02:35 PM	744.262	24616.363	20939.970	50556.666	0.000
4	03:03:45 PM	723.521	24683.046	20759.932	51075.818	0.056
5	03:04:56 PM	720.558	24299.619	20599.899	50325.438	0.056
x		730.817	24540.566	20783.382	50672.502	0.111
σ		9.74	164.94	133.08	339.46	0.11
%RSD		1.333	0.672	0.640	0.670	100.000

Ratio results

Run	Time	156Ce O/140Ce
	Ratio limits	<0.0200
1	03:00:14 PM	0.010

2	03:01:25 PM	0.010
3	03:02:35 PM	0.010
4	03:03:45 PM	0.010
5	03:04:56 PM	0.010
x		0.0101
σ		0.00
%RSD		1.1901

Result : The performance report passed.

Dilution Corrected Concentrations

BLANK 09/28/2006 04:34:11 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%	-0.011	-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	95Mo	107Ag	108Mo O
		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	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	0.000	100.000%	0.000	-0.000	0.000	-0.000	-0.000	100.000%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		-0.000	0.000	0.000	100.000%

STD1 09/28/2006 04:39:17 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		105.804%	5.000	2.106	-0.013	-0.042	r4921.000	-0.075	37.440	102.103%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.360	48.630	47.650	-15940.000	48.090	r4926.000	48.740	49.350	48.730

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.630	48.470	-0.035	49.490	49.310	0.000	49.480	49.920	-1.710

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.830	49.620	102.941%	49.590	49.450	49.660	48.370	0.058	102.793%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		47.370	48.220	48.020	105.059%

STD2 09/28/2006 04:44:22 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		107.002%	10.250	2.581	0.008	-0.095	TM 10040.000	0.324	71.090	99.921%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.290	98.300	97.520	-18560.000	97.340	TM 10040.000	98.170	99.020	98.640
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		98.710	99.200	-0.053	99.690	99.110	0.000	99.430	M 100.000	-3.492
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 100.100	100.400	101.656%	100.800	99.320	99.700	98.400	0.114	102.988%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		95.800	97.590	97.040	105.545%					

STD3 09/28/2006 04:49:28 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		94.960%	M 50.000	12.050	0.647	0.552	12.850	5.809	146.900	95.324%
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 1000.000	TM 1000.000	-32730.000	TM 1000.000	TM 51520.000	TM 1000.000	M 750.200	M 1000.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 500.300	M 200.800	-0.170	M 200.300	M 200.600	0.000	M 1000.000	M 102.400	-7.117
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 101.700	M 199.900	93.300%	M 999.900	M 500.200	M 500.100	M 1000.000	1.088	94.170%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		M 202.800	M 201.600	TM 2000.000	93.706%					

STD4 09/28/2006 04:54:33 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		96.212%	-0.010	↑986.800	↑997.200	1013.000	0.979	↑981.400	1040.000	93.542%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.078	0.962	0.301	-20110.000	0.044	-3.386	0.008	0.104	0.115
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.324	-0.005	-0.065	0.051	0.041	0.000	1.087	0.001	-0.038
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.001	0.009	94.312%	0.320	0.085	0.075	0.096	0.000	95.603%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.560	0.564	0.049	97.514%					

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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		100.496%	-0.007	↑10030.000	↑10040.000	↑9965.000	0.104	↑10160.000	10310.000	96.709%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.015	0.656	0.048	-25800.000	0.270	0.426	-0.001	0.098	0.041
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.720	-0.259	-0.021	-0.081	0.140	0.000	0.206	0.008	0.031
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.004	-0.009	98.137%	0.172	0.013	-0.011	0.088	0.004	99.121%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.213	0.205	0.124	99.733%					

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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		99.029%	-0.008	TM 19990.000	TM 19980.000	TM 20020.000	0.260	TM 19920.000	M 19840.000	97.698%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.087	0.286	0.076	-27280.000	0.500	2.371	0.004	0.169	0.138

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.577	0.021	0.091	-0.011	0.267	0.000	0.132	0.008	0.061

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.008	-0.013	97.715%	0.136	0.007	0.001	0.081	0.001	100.049%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.145	0.155	0.224	98.484%

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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		88.748%	4.372	T 5179.000	T 5207.000	5113.000	511.200	T 4989.000	5059.000	94.446%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.080	41.290	39.060	-5081.000	41.400	T 528.300	41.080	41.490	40.750

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.790	40.950	-0.003	41.010	41.200	0.000	40.550	40.880	-0.578

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.100	4.698	92.712%	41.170	41.550	41.290	41.820	0.048	93.924%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		42.560	41.970	40.550	91.287%

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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		96.375%	-0.012	-0.489	-0.088	-0.130	-0.142	-0.235	1.344	92.395%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.055	-0.106	-0.027	1332.000	0.002	-5.161	-0.001	0.004	-0.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.460	-0.273	-0.029	-0.335	-0.002	0.000	0.095	0.001	-0.060
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	3.820	94.943%	0.066	-0.010	-0.005	-0.021	0.000	97.232%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.245	0.248	0.002	100.243%					

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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		94.564%	-0.011	-0.457	0.041	-0.038	-0.397	0.174	-0.284	92.158%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.025	0.508	0.185	142.600	0.004	-3.936	0.000	0.006	-0.003
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.271	-0.473	0.024	-0.379	-0.010	0.000	0.031	0.000	0.054
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.011	93.100%	0.056	-0.010	-0.012	0.035	0.000	94.381%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.123	0.132	0.002	95.605%					

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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		90.743%	4.975	↑9605.000	↑9543.000	↑9499.000	↑4986.000	↑9503.000	9851.000	88.405%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.720	49.410	48.180	-26600.000	48.910	↑5035.000	48.370	48.850	48.370

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.240	48.770	-0.111	47.690	49.790	0.000	49.780	49.570	-1.468

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.610	49.460	91.362%	50.090	50.250	50.200	48.630	0.054	95.643%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		47.870	49.360	48.890	98.037%

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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		92.915%	-0.009	0.197	0.042	-0.053	-0.124	0.872	0.205	92.873%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	0.416	-0.015	-7480.000	-0.003	-4.736	-0.001	0.011	-0.008

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.419	-0.482	-0.044	-0.501	-0.001	0.000	0.042	0.001	0.092

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.001	-0.024	94.048%	0.080	-0.023	-0.002	0.034	0.000	95.611%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.228	0.249	0.001	96.928%

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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		95.329%	0.198	T 929.600	90.490	95.560	102.900	T 944.900	1016.000	90.017%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.059	10.340	1.611	-21520.000	1.980	43.300	1.015	1.107	2.118

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		9.944	4.904	-0.163	5.511	1.961	0.000	5.050	0.318	0.089

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.320	0.507	94.475%	5.235	1.101	1.099	5.362	0.003	97.787%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		1.914	1.967	1.959	104.073%

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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		76.387%	-0.007	TM 253400.000	TM 97050.000	TM 96400.000	TM 98730.000	TM 98500.000	TM 313700.000	78.295%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2074.000	-0.140	0.569	-56080.000	0.062	TM 246300.000	0.081	0.266	0.667

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.635	0.936	0.353	1.136	4.225	0.000	M 1990.000	0.109	1.635

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.083	0.121	79.901%	0.196	0.189	0.144	0.538	0.045	85.291%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.170	0.164	0.133	79.326%

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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		80.611%	16.870	TM 246100.000	TM 94010.000	TM 93370.000	TM 98920.000	TM 97570.000	TM 314200.000	77.720%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 2066.000	19.120	19.100	-58590.000	18.780	TM 245900.000	18.210	17.440	17.130
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.590	18.660	0.218	16.390	24.270	0.000	M 1972.000	17.290	1.197
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		17.440	17.080	82.731%	20.190	18.500	18.470	20.000	0.045	89.778%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		20.220	20.770	20.440	86.213%					

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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		82.273%	M 224.800	23.150	3.187	2.795	7.712	3.412	3481.000	85.847%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4725.000	TM 4873.000	TM 4975.000	T 46910.000	TM 5103.000	TM 256700.000	TM 5015.000	TM 3503.000	TM 5054.000
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 2384.000	M 954.400	-0.776	M 920.800	TM 6179.000	0.000	TM 5342.000	M 490.900	-20.160
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 490.000	M 962.500	89.479%	TM 4758.000	M 498.600	493.900	TM 5019.000	4.720	96.624%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		TM 986.200	TM 1011.000	TM 9941.000	99.102%					

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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		90.639%	4.884	ŦŦ9574.000	ŦŦ9533.000	ŦŦ9478.000	ŦŦ4990.000	ŦŦ9471.000	9895.000	87.213%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.640	49.070	48.200	-40900.000	49.030	ŦŦ5021.000	49.030	49.100	48.900

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.730	49.050	-0.165	47.830	49.280	0.000	51.010	49.670	-1.445

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	49.110	91.557%	50.650	50.350	50.660	48.390	0.052	97.132%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.160	49.760	49.070	100.211%

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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		95.437%	-0.010	3.834	0.007	0.071	-0.187	-0.353	-0.513	93.580%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.032	0.190	-0.142	-21550.000	-0.009	-4.607	-0.000	-0.001	0.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.431	0.086	-0.132	-0.200	-0.007	0.000	0.437	0.002	0.030

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.006	97.029%	0.375	-0.018	-0.016	0.059	0.001	100.651%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.367	0.368	0.004	104.126%

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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		96.723%	0.680	113.400	T 3351.000	3247.000	TM 21120.000	T 847.400	2904.000	99.670%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		847.300	100.500	33.840	-36680.000	TM 1406.000	TM 38420.000	23.060	23.110	40.850

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.690	4.564	0.044	1.452	64.490	0.000	0.740	0.056	-0.371

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.049	0.255	99.552%	2.014	0.083	0.092	268.400	7.618	105.325%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.298	0.301	7.234	109.314%

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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		92.703%	0.655	T 506.100	T 18890.000	T 18840.000	TM 66400.000	T 703.700	7099.000	115.073%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 6964.000	T 392.900	299.200	-33650.000	TM 2951.000	TM 102300.000	99.110	119.100	150.300

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		97.440	1.172	0.107	1.156	45.070	0.000	0.405	0.114	-0.954

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.043	0.734	96.907%	3.200	0.008	0.029	156.200	12.470	101.772%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.210	0.237	4.257	99.966%

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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		93.659%	4.932	T 1669.000	TM 22750.000	TM 22550.000	TM 84870.000	T 1717.000	8934.000	117.168%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7975.000	T 476.700	T 377.900	-36220.000	TM 3345.000	TM 115700.000	153.300	186.900	214.900
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		195.000	9.247	0.086	9.395	148.900	0.000	37.720	10.700	-1.707
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.600	11.670	97.255%	53.190	1.644	1.966	285.600	14.170	101.677%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		11.150	11.430	115.700	100.983%					

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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		89.830%	4.800	T 1875.000	TM 23010.000	TM 22830.000	TM 85060.000	T 1701.000	9215.000	116.158%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7929.000	T 470.800	364.400	-30300.000	TM 3224.000	TM 114700.000	150.500	184.200	212.300
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		193.600	9.148	0.094	8.898	149.600	0.000	36.960	10.310	-1.769
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.260	10.950	94.830%	51.020	1.663	1.818	295.600	13.770	98.411%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		10.980	11.090	111.400	96.149%					

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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		87.716%	8.421	T 5379.000	TM 23330.000	TM 23300.000	TM 65730.000	T 5009.000	11010.000	111.087%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 6848.000	T 401.000	309.300	-32360.000	TM 2956.000	TM 101000.000	121.900	148.900	170.800

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		160.600	69.520	0.081	60.390	63.020	0.000	30.060	40.400	-7.496

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.910	23.870	93.186%	106.400	79.740	82.330	171.100	12.080	98.513%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.900	103.400	85.080	96.691%

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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		97.671%	0.138	94.200	T 3924.000	3783.000	TM 14980.000	145.800	1645.000	103.831%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 1468.000	86.170	70.060	-32300.000	T 650.800	TM 22580.000	22.240	27.440	34.430

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		24.580	-0.404	0.166	-0.027	9.512	0.000	0.104	0.023	-0.214

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.007	0.147	103.762%	0.751	0.007	0.009	30.980	2.518	105.539%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.306	0.308	0.839	109.459%

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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		92.644%	0.380	235.900	T 10060.000	T 9996.000	TM 36460.000	353.800	3911.000	108.409%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3501.000	203.900	165.700	-34360.000	TM 1604.000	TM 55380.000	53.570	65.060	81.840

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		54.570	0.491	0.133	0.465	23.610	0.000	0.158	0.052	-0.461

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.028	0.356	99.450%	1.617	0.020	0.017	79.020	6.360	101.332%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.157	0.164	2.117	100.500%

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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		94.093%	3.025	T 932.000	T 12900.000	T 12780.000	TM 50900.000	T 997.000	5376.000	107.635%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 4252.000	264.700	222.500	-33510.000	TM 1966.000	TM 68360.000	90.660	110.900	129.300

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		120.300	4.987	0.147	5.082	84.570	0.000	20.930	5.951	-0.978

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.970	6.577	98.528%	29.430	0.901	1.071	158.900	7.797	102.747%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		5.939	6.127	62.660	104.434%

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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		94.120%	2.702	T 949.400	T 11700.000	T 11570.000	TM 46110.000	T 911.400	5084.000	107.521%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3887.000	240.700	202.600	-31380.000	TM 1745.000	TM 62000.000	81.100	100.800	117.500

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		108.100	4.676	0.137	4.230	77.590	0.000	18.570	5.270	-0.788

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.210	5.497	98.029%	25.620	0.823	0.972	146.000	6.991	101.469%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		5.355	5.380	54.850	101.698%

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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		88.416%	9.324	T 5298.000	T 14600.000	T 14470.000	TM 36210.000	T 4994.000	8339.000	101.718%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		M 3402.000	217.200	178.000	-29810.000	TM 1639.000	TM 56150.000	79.790	99.100	106.400

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		126.700	75.110	0.093	64.250	42.580	0.000	29.990	41.080	-6.915

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.030	24.620	93.081%	105.400	80.930	83.690	96.750	6.223	97.849%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.700	102.200	82.420	97.887%

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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		90.937%	4.839	↑9730.000	↑9676.000	↑9568.000	↑5089.000	↑9610.000	9843.000	87.202%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.630	49.850	47.870	-39390.000	49.040	↑5103.000	49.280	49.740	49.300
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		50.160	48.590	-0.153	46.500	48.850	0.000	49.240	49.560	-1.608
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.640	49.620	91.621%	50.560	50.760	50.740	48.920	0.052	96.788%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		47.970	49.000	48.950	100.658%					

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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		95.675%	-0.016	1.319	0.293	0.338	0.064	1.208	-0.102	95.546%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.083	-0.141	0.071	-9190.000	0.018	0.846	0.009	-0.005	0.009
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.363	-0.219	-0.016	-0.362	0.006	0.000	0.076	0.002	0.072
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.019	96.874%	0.111	-0.005	-0.005	0.012	0.000	97.881%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.320	0.327	0.023	100.013%					

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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		99.393%	0.069	46.520	T 1892.000	1859.000	T 7433.000	74.200	827.000	101.203%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		738.000	43.280	35.040	-25980.000	317.400	TM 11230.000	11.160	13.390	16.900

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		15.630	-0.255	0.067	-0.063	4.702	0.000	0.039	0.015	-0.020

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.006	0.056	102.781%	0.402	-0.001	-0.005	15.350	1.282	104.536%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.109	0.118	0.407	109.773%

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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		102.248%	-0.011	2.130	0.077	0.098	0.523	2.614	14.240	101.443%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.109	0.633	0.732	-10740.000	0.016	2.706	0.000	0.013	-0.002

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.074	-0.376	0.179	0.079	0.054	0.000	0.024	0.001	0.037

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.000	-0.010	103.650%	2.732	-0.019	-0.004	0.173	0.001	103.830%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.092	0.097	0.009	107.867%

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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		93.505%	5.107	T 1042.000	T 1027.000	1043.000	T 1071.000	T 1014.000	1141.000	94.111%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		199.200	52.620	52.350	5947.000	104.800	T 1078.000	52.600	53.630	52.680

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		103.800	10.170	0.057	9.566	104.600	0.000	49.830	10.710	-0.540

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.650	10.590	96.953%	53.710	10.040	10.260	105.400	0.129	99.177%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		10.280	10.460	103.300	102.699%

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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		95.871%	1.180	74.940	T 2184.000	2033.000	TM 54780.000	T 860.200	2062.000	114.693%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		TM 7106.000	T 427.900	108.000	-46630.000	TM 1969.000	TM 124800.000	55.030	38.500	177.900

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		125.000	3.125	0.102	1.320	18.590	0.000	1.240	0.162	-1.285

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.093	0.991	98.934%	5.441	0.391	0.409	158.900	13.440	102.473%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.258	0.250	34.070	104.598%

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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		94.939%	0.688	61.390	T 989.100	967.700	TM 13000.000	T 986.000	1640.000	99.346%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		193.300	31.680	21.560	-27690.000	TM 1507.000	TM 16650.000	14.890	10.750	21.170

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.400	6.320	0.193	0.472	8.794	0.000	0.955	0.055	-0.026

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.049	0.297	100.659%	3.232	0.282	0.298	159.000	4.632	102.224%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.270	0.299	40.280	104.358%

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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		92.174%	5.691	T 1123.000	T 2433.000	2352.000	TM 21930.000	T 2797.000	2802.000	96.383%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		473.600	94.530	83.090	-22590.000	TM 1654.000	TM 21670.000	67.280	65.460	73.800

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		149.000	18.340	0.215	9.695	115.800	0.000	49.330	10.450	-0.601

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.620	10.950	98.056%	53.140	5.235	5.560	279.800	5.142	101.006%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		10.460	10.560	146.700	104.177%

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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		92.995%	5.753	T 1102.000	T 2438.000	2340.000	TM 22140.000	T 2837.000	2831.000	96.246%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		480.800	90.840	80.980	-19590.000	TM 1730.000	TM 19680.000	66.620	64.760	71.960
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		143.600	15.630	0.290	10.090	113.500	0.000	48.200	10.130	-0.653
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.230	10.480	98.616%	51.750	5.128	5.476	288.500	5.130	101.761%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		10.220	10.470	142.700	105.730%					

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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		87.446%	10.190	T 5266.000	T 6112.000	T 6025.000	TM 13180.000	T 5900.000	6488.000	94.515%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		202.600	49.650	39.790	-15140.000	TM 1522.000	TM 18000.000	44.160	50.710	50.120
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		113.800	82.300	0.155	63.830	28.730	0.000	31.140	41.940	-6.653
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		41.350	24.290	95.048%	106.300	80.120	83.630	170.100	4.505	97.872%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		101.100	101.500	117.300	99.003%					

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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		97.713%	0.099	11.820	165.500	176.400	T 2345.000	174.100	305.900	100.299%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		35.360	5.867	4.108	-24030.000	269.500	T 3050.000	2.746	1.980	4.090

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		8.926	1.342	0.026	-0.222	1.610	0.000	0.225	0.012	0.062

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	0.052	104.571%	0.645	0.072	0.086	29.260	0.851	105.009%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.249	0.262	7.334	111.094%

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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		95.276%	0.641	49.220	T 949.300	923.700	TM 12840.000	T 847.000	1586.000	99.422%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		185.100	32.280	24.270	-25170.000	TM 1463.000	TM 17090.000	16.730	9.692	16.690

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		37.540	6.273	0.193	0.211	8.997	0.000	0.940	0.053	-0.041

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.051	0.278	101.975%	3.162	0.284	0.285	152.100	4.459	104.040%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.334	0.342	43.930	106.510%

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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		86.173%	4.794	↑10090.000	↑10120.000	↑10050.000	↑5143.000	↑9807.000	9836.000	88.246%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.620	49.060	48.290	-35800.000	49.800	↑5192.000	49.370	49.230	49.160

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.570	49.640	-0.190	48.900	49.370	0.000	49.200	49.710	-1.668

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.330	50.210	91.959%	50.100	50.300	50.750	48.780	0.043	95.542%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		48.330	48.870	48.810	98.547%

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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		96.632%	-0.016	3.889	3.430	3.629	6.123	3.947	3.244	96.166%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.429	0.491	-0.125	-7591.000	0.424	7.322	0.029	0.036	0.035

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.187	-0.183	-0.008	-0.480	0.039	0.000	0.067	0.020	0.008

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.018	0.022	101.034%	0.114	0.005	-0.015	0.087	0.001	101.250%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.215	0.219	0.059	106.704%

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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		93.905%	0.778	47.460	T 1072.000	1043.000	TM 14080.000	T 1292.000	1506.000	99.703%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		161.600	31.920	18.250	-20650.000	T 953.500	TM 17370.000	10.510	9.657	12.780

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		35.320	6.252	0.165	0.742	7.049	0.000	0.932	0.067	-0.016

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.060	0.255	99.878%	2.954	0.205	0.198	109.900	4.727	101.047%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.321	0.313	39.090	103.125%

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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		97.403%	0.697	43.000	T 1395.000	1351.000	TM 11950.000	T 988.500	1512.000	100.090%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		180.000	32.170	20.390	-23780.000	TM 2258.000	TM 15840.000	17.440	9.522	31.510

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		57.610	6.405	0.197	0.725	11.900	0.000	1.014	0.040	0.029

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.041	0.308	102.805%	3.366	0.404	0.368	174.300	4.622	104.664%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.270	0.302	47.610	109.605%

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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		101.546%	0.396	38.550	T 787.300	766.900	TM 10100.000	T 525.300	577.000	104.066%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		221.400	33.640	26.280	-30610.000	T 443.600	TM 18770.000	5.074	21.710	113.100
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		36.140	8.182	0.175	0.219	4.530	0.000	1.123	0.079	-0.148
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.071	0.215	106.368%	13.280	9.978	9.838	55.750	2.320	106.456%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.214	0.234	T 1332.000	113.955%					

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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		95.448%	0.799	45.300	T 1193.000	1160.000	TM 11640.000	T 976.600	1935.000	100.178%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		163.700	35.930	17.640	-25150.000	TM 2126.000	TM 18210.000	11.910	10.400	13.070
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		51.990	7.921	0.212	0.908	9.730	0.000	0.913	0.068	-0.025
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.073	0.415	101.415%	3.436	0.252	0.254	290.000	4.710	102.352%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.222	0.237	61.560	105.845%					

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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		99.230%	1.007	35.640	T 1032.000	1005.000	TM 11580.000	T 1075.000	1617.000	99.944%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		144.200	30.010	17.990	-25920.000	TM 1958.000	TM 18280.000	11.540	9.870	11.530

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		52.980	7.521	0.197	0.587	6.438	0.000	0.972	0.072	-0.008

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.082	0.519	103.242%	3.209	0.265	0.266	163.300	5.148	104.720%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.215	0.221	51.680	110.006%

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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		94.176%	1.100	43.020	T 1170.000	1126.000	TM 12510.000	T 1179.000	1754.000	99.613%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		156.600	31.920	18.170	-24990.000	TM 2030.000	TM 19290.000	11.590	10.380	12.430

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		53.090	7.996	0.203	0.430	7.210	0.000	1.068	0.079	-0.074

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.082	0.490	99.984%	3.310	0.281	0.275	173.100	5.533	101.600%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.229	0.239	56.100	103.130%

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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		97.790%	0.800	37.840	T 1280.000	1232.000	TM 13230.000	T 1371.000	1521.000	99.482%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		217.700	31.300	18.460	-24970.000	TM 1409.000	TM 17550.000	11.620	10.150	12.330
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		44.230	6.290	0.185	0.286	6.846	0.000	0.814	0.062	-0.022
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.052	0.416	102.165%	2.746	0.288	0.279	158.500	4.822	104.817%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.216	0.218	40.630	109.719%					

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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		97.118%	0.900	38.970	T 895.100	871.100	TM 10820.000	T 1109.000	1208.000	100.195%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		122.500	23.920	15.380	-25200.000	T 967.900	TM 18110.000	9.741	7.815	12.870
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		42.810	8.155	0.159	0.914	4.828	0.000	0.943	0.060	-0.056
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.055	0.335	102.400%	2.826	0.313	0.344	91.200	4.898	104.434%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.215	0.207	69.150	108.075%					

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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		94.062%	1.437	37.100	T 1422.000	1376.000	TM 15420.000	T 1534.000	3934.000	99.421%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		155.000	29.400	17.140	-18850.000	TM 1581.000	TM 21330.000	13.000	13.770	15.280

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		39.040	9.010	0.252	1.008	12.270	0.000	1.168	0.068	-0.064

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.057	0.269	100.393%	3.099	0.350	0.337	171.600	7.924	102.507%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.243	0.273	47.170	104.655%

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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		99.725%	0.862	48.350	T 1217.000	1180.000	TM 12770.000	T 594.500	1057.000	101.022%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		149.900	46.410	21.340	-29960.000	TM 1519.000	TM 23950.000	7.887	7.266	9.002

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		38.610	11.220	0.196	0.918	7.695	0.000	1.750	0.045	-0.021

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.039	0.189	104.279%	2.659	0.407	0.430	160.800	4.477	105.712%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.235	0.230	47.720	111.100%

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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		84.335%	4.912	τ 10420.000	τ 10490.000	τ 10370.000	τ 5276.000	τ 10030.000	9867.000	88.350%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.460	49.580	48.670	-36300.000	49.820	τ 5269.000	49.820	50.760	49.580

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.990	49.450	-0.145	48.110	49.500	0.000	49.410	50.090	-1.476

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.980	50.150	90.864%	50.250	50.310	50.010	49.050	0.045	93.814%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		48.470	49.080	48.530	95.386%

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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		95.869%	-0.016	1.524	1.575	1.680	2.536	1.220	1.498	96.225%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.269	0.436	-0.170	-7929.000	0.144	3.133	0.017	0.040	0.016

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		-0.359	-0.666	0.022	-0.643	0.012	0.000	0.053	0.007	0.109

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.006	-0.019	100.362%	0.078	-0.015	-0.016	0.012	-0.000	101.291%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.193	0.196	0.031	105.744%

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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		96.748%	-0.018	60.690	1.173	1.278	10.250	8.071	89.750	98.932%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.131	0.748	-0.618	-33070.000	0.053	1.686	0.005	0.116	0.159

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.821	-0.117	-0.384	-1.142	0.452	0.000	0.011	0.010	0.063

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.020	103.457%	0.143	-0.018	-0.026	0.546	0.001	103.879%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.097	0.084	0.065	106.353%

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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		85.852%	22.160	T5174.000	T5053.000	4891.000	T5040.000	T4863.000	5246.000	92.674%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		926.700	241.400	239.200	-31050.000	T493.200	T5116.000	243.200	247.300	244.700

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		458.200	46.090	-0.437	41.930	M477.700	0.000	236.200	49.320	-3.282

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		49.400	48.420	96.100%	242.200	46.970	47.520	488.400	0.517	99.407%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.900	50.570	485.700	100.823%

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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		99.475%	-0.019	T 4309.000	TM 25320.000	TM 25320.000	5.736	T 4224.000	TM 40790.000	97.380%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.073	0.860	0.149	-35870.000	84.340	16.580	0.141	0.880	1.751
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		5.298	0.156	0.057	-0.997	41.850	0.000	0.996	0.010	0.121
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.007	-0.024	100.078%	0.447	0.094	0.103	78.880	0.075	102.505%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.222	0.229	0.347	103.910%					

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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		91.871%	22.860	T 9696.000	TM 31190.000	TM 31000.000	T 5243.000	T 9209.000	TM 46490.000	94.589%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		937.100	244.500	239.400	-39950.000	T 588.700	T 5270.000	243.100	247.700	243.200
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		441.700	45.380	-0.093	40.220	TM 553.200	0.000	240.100	48.980	-2.870
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		48.970	47.010	95.616%	241.700	46.050	47.170	570.900	0.623	98.907%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		50.200	50.830	489.500	97.289%					

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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		90.661%	21.870	T 9473.000	TM 30810.000	TM 30590.000	T 5137.000	T 9168.000	TM 46210.000	96.097%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		924.300	241.500	235.600	-65430.000	T 585.300	T 5211.000	240.000	241.300	238.000

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		452.100	45.780	-0.656	40.060	TM 547.000	0.000	235.700	48.010	-3.003

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		47.980	48.000	100.851%	240.500	46.630	47.300	564.300	0.557	104.409%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		49.850	50.870	486.700	103.968%

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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		96.021%	9.245	T 9500.000	TM 30430.000	TM 30310.000	T 1068.000	T 9202.000	TM 45690.000	97.151%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		23.280	20.800	19.720	-39240.000	161.200	T 2189.000	29.970	40.360	30.450

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		75.590	70.570	0.055	55.610	61.730	0.000	31.560	40.620	-6.192

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		40.210	22.870	99.081%	104.700	73.690	77.620	98.440	0.100	102.106%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		101.600	103.000	79.970	103.239%

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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		93.701%	-0.020	ŦŦ856.800	ŦŦ5118.000	ŦŦ5019.000	1.080	ŦŦ828.400	7699.000	96.291%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.176	0.393	-0.222	-14330.000	16.980	2.409	0.024	0.181	0.327
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		2.391	-0.168	0.064	-0.816	8.190	0.000	0.245	0.001	0.089
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.000	-0.022	100.128%	0.160	0.142	0.156	15.430	0.022	101.431%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.119	0.132	0.068	105.743%					

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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		100.484%	-0.017	ŦŦ6204.000	ŦŦ5635.000	ŦŦ5625.000	10.480	491.000	13420.000	99.641%
Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.343	31.210	1.867	5563.000	1.179	27.200	0.018	1.106	2.631
Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		19.700	-0.160	0.179	-1.181	47.500	0.000	0.286	0.010	0.160
Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.009	-0.027	102.320%	1.005	0.158	0.181	2.323	0.006	104.495%
Run	Time	203Tl	205Tl	208Pb	209Bi					
		ppb	ppb	ppb	ppb					
x		0.089	0.089	0.460	110.164%					

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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		94.782%	-0.015	T 6377.000	T 5848.000	T 5860.000	8.429	487.400	13580.000	99.839%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		3.020	31.900	1.632	3972.000	0.959	11.170	0.004	0.531	1.875

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		20.240	-0.108	0.135	-1.012	47.660	0.000	0.291	0.009	0.144

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.014	-0.012	99.571%	0.980	0.102	0.120	1.813	0.003	101.051%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.074	0.066	0.361	102.806%

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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		87.254%	-0.013	TM 168000.000	T 1219.000	1144.000	5.680	T 771.500	4858.000	93.186%

Run	Time	47Ti	51V	52Cr	53Cl O	55Mn	56Fe	59Co	60Ni	65Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		1.037	0.379	0.568	-20270.000	3.048	22.860	0.028	0.904	1.047

Run	Time	66Zn	75As	77Ar Cl	82Se	88Sr	89Y	95Mo	107Ag	108Mo O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		10.600	-0.078	0.072	-1.189	41.030	0.000	0.565	0.010	0.073

Run	Time	109Ag	110Cd	115In	118Sn	121Sb	123Sb	137Ba	153Ba O	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
x		0.012	-0.017	95.530%	0.524	0.045	0.029	4.033	0.009	99.958%

Run	Time	203Tl	205Tl	208Pb	209Bi
		ppb	ppb	ppb	ppb
x		0.035	0.039	0.814	99.115%