BARKSDALE WORKS
PRIVATE WELL MONITORING 8/05

November 8, 2005

Prepared for

Cary A. Pooler (URS Diamond-Louisville)

Prepared by

URS Diamond
Laboratory Services – Sharon A. Nordstrom
Barley Mill Plaza, Building 19
Wilmington, DE 19805

Memorandum

DATE: NOVEMBER 8, 2005

TO: Cary A. Pooler, URS Diamond

FROM: Sharon A. Nordstrom

RE: BARKSDALE PRIVATE WELL MONITORING 8/05

Enclosed is the data report for the 28 (including field duplicate) residential well samples collected on August 24, 2005. The samples were submitted to Severn Trent Laboratories (STL) in Denver, CO for analysis for Nitroaromatic/nitramine organics using EPA SW-846 Method 8321A.

Sample Arrival and Receipt

All samples were received at the laboratory in good condition, within EPA holding time requirements, and at temperatures of < 6 degrees C.

QC Findings and Comments

The STL-Denver data deliverables included both a hard-copy report and an electronic data file. All electronic data was reviewed via the automated DuPont Data Review (DDR) process, and no data exceptions or anomalies were noted. No target compounds were detected in any of the residential samples or in the associated laboratory blanks, and all laboratory QC samples met the acceptance criteria.

In addition to the in-house review, the data was submitted to Environmental Standards, Inc. for an independent, third party validation. No data qualifiers were applied as a result of the validation process, and no significant findings were noted in their report. A complete copy of the Environmental Standards Quality Assurance Review has been provided as a separate deliverable.

Please do not hesitate to contact me if you have any questions regarding this report.

Corporate Environmental Database
DDR Narrative Report

Site: BAR - BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

11/8/2005 17:52:09

The DDR process was executed, but no data qualifiers were applied for this project.

Corporate Environmental Database
Lab Analysis Report
Summary of Positive Results
with In-House Qualifier and Review

Site: BAR - BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

The samples were analyzed, but no detections were reported for this project.

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29025E-INFLOW
Date Sampled: 8/24/2005 11:25:00
Lab Sample ID: HJDG51
Analysis Method: 8321
Field Sample ID: BAR-G-29025E-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 11, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 11, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 11, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 11, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 11, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 11, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 11, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
Surrogates									
NITROBENZENE-D5	1	100 RPR				UG/L			Sep 11, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29040E-INFLOW
Date Sampled: 8/24/2005 12:35:00
Lab Sample ID: HJDHM1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29040E-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	89 RPR				UG/L			Sep 01, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29190E-INFLOW
Date Sampled: 8/24/2005 16:55:00
Lab Sample ID: HJDFM1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29190E-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	97 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29238E-INFLOW
Date Sampled: 8/24/2005 12:15:00
Lab Sample ID: HJDGN1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29238E-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	94 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29240E-INFLOW
Date Sampled: 8/24/2005 12:20:00
Lab Sample ID: HJDGQ1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29240E-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	95 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29250E-INFLOW
Date Sampled: 8/24/2005 12:45:00
Lab Sample ID: HJDF51
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29250E-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	102 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29310E-INFLOW
Date Sampled: 8/24/2005 14:05:00
Lab Sample ID: HJDFV1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-29310E-INFLOW-DUP
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	88 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Location: 29310E-INFLOW
Field Sample ID: BAR-G-29310E-INFLOW
Date Sampled: 8/24/2005 14:05:00
Sample Type: Groundwater
Lab Sample ID: HJDGE1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	90 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29380E-INFLOW
Date Sampled: 8/24/2005 14:15:00
Lab Sample ID: HJDD91
Analysis Method: 8321
Field Sample ID: BAR-G-29380E-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	94 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29430E-INFLOW
Date Sampled: 8/24/2005 14:25:00
Lab Sample ID: HJDGL1
Analysis Method: 8321
Field Sample ID: BAR-G-29430E-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	84 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29440E-INFLOW
Date Sampled: 8/24/2005 14:35:00
Lab Sample ID: HJDF01
Analysis Method: 8321
Field Sample ID: BAR-G-29440E-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	92 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29700E-INFLOW
Field Sample ID: BAR-G-29700E-INFLOW
Date Sampled: 8/24/2005 14:45:00
Sample Type: Groundwater
Lab Sample ID: HJDHG1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	86 RPR				UG/L			Sep 01, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 29745E-INFLOW
Field Sample ID: BAR-G-29745E-INFLOW
Date Sampled: 8/24/2005 14:50:00
Sample Type: Groundwater
Lab Sample ID: HJDHE1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	82 RPR				UG/L			Sep 01, 2005

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Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 30075M-INFLOW
Field Sample ID: BAR-G-30075M-INFLOW
Date Sampled: 8/24/2005 15:55:00
Sample Type: Groundwater
Lab Sample ID: HJDHC1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	88 RPR				UG/L			Sep 01, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 30095M-INFLOW
Field Sample ID: BAR-G-30095M-INFLOW
Date Sampled: 8/24/2005 15:55:00
Sample Type: Groundwater
Lab Sample ID: HJDGR1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 11, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 11, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 11, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 11, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 11, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 11, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 11, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
Surrogates									
NITROBENZENE-D5	1	94 RPR				UG/L			Sep 11, 2005

Corporate Environmental Database
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with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 30175M-INFLOW
Field Sample ID: BAR-G-30175M-INFLOW
Date Sampled: 8/24/2005 15:50:00
Sample Type: Groundwater
Lab Sample ID: HJDGX1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 11, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 11, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 11, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 11, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 11, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 11, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 11, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
Surrogates									
NITROBENZENE-D5	1	87 RPR				UG/L			Sep 11, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 30175MB-INFLOW
Date Sampled: 8/24/2005 15:52:00
Lab Sample ID: HJDHK1
Analysis Method: 8321
Field Sample ID: BAR-G-30175MB-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	94 RPR				UG/L			Sep 01, 2005

Corporate Environmental Database
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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 30190M-INFLOW
Date Sampled: 8/24/2005 16:11:00
Lab Sample ID: HJDHV1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-30190M-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	92 RPR				UG/L			Sep 01, 2005

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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 70990H-INFLOW
Date Sampled: 8/24/2005 15:00:00
Lab Sample ID: HJDH01
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-70990H-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 02, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 02, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 02, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 02, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 02, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 02, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 02, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
Surrogates									
NITROBENZENE-D5	1	77 RPR				UG/L			Sep 02, 2005

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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71075H-INFLOW
Field Sample ID: BAR-G-71075H-INFLOW
Date Sampled: 8/24/2005 11:15:00
Sample Type: Groundwater
Lab Sample ID: HJDH31
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 02, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 02, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 02, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 02, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 02, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 02, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 02, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
Surrogates									
NITROBENZENE-D5	1	82 RPR				UG/L			Sep 02, 2005

Corporate Environmental Database
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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71205H-INFLOW
Date Sampled: 8/24/2005 15:05:00
Lab Sample ID: HJDH41
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-71205H-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 02, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 02, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 02, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 02, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 02, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 02, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 02, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 02, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 02, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 02, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 02, 2005
Surrogates									
NITROBENZENE-D5	1	78 RPR				UG/L			Sep 02, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71210H-INFLOW
Date Sampled: 8/24/2005 15:15:00
Lab Sample ID: HJDF71
Analysis Method: 8321
Field Sample ID: BAR-G-71210H-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	86 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71230H-INFLOW
Date Sampled: 8/24/2005 15:22:00
Lab Sample ID: HJDGA1
Analysis Method: 8321
Prep Method: SW3535

Field Sample ID: BAR-G-71230H-INFLOW
Sample Type: Groundwater

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	93 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
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Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71250H-INFLOW
Field Sample ID: BAR-G-71250H-INFLOW
Date Sampled: 8/24/2005 15:29:00
Sample Type: Groundwater
Lab Sample ID: HJDEC1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	99 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71270H-INFLOW
Field Sample ID: BAR-G-71270H-INFLOW
Date Sampled: 8/24/2005 15:35:00
Sample Type: Groundwater
Lab Sample ID: HJDFP1
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 10, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 10, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 10, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 10, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 10, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 10, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 10, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 10, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 10, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 10, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 10, 2005
Surrogates									
NITROBENZENE-D5	1	88 RPR				UG/L			Sep 10, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71450H-INFLOW
Field Sample ID: BAR-G-71450H-INFLOW
Date Sampled: 8/24/2005 16:25:00
Sample Type: Groundwater
Lab Sample ID: HJDG11
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 11, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 11, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 11, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 11, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 11, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 11, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 11, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
Surrogates									
NITROBENZENE-D5	1	101 RPR				UG/L			Sep 11, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71470H-INFLOW
Date Sampled: 8/24/2005 16:31:00
Lab Sample ID: HJDG31
Analysis Method: 8321
Field Sample ID: BAR-G-71470H-INFLOW
Sample Type: Groundwater
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 11, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 11, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 11, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 11, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 11, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 11, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 11, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 11, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 11, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 11, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 11, 2005
Surrogates									
NITROBENZENE-D5	1	82 RPR				UG/L			Sep 11, 2005

Corporate Environmental Database
Lab Analysis Report
with Inhouse Qualifier and Review

Site: BARKSDALE WORKS
Project: PRIVATE WELL MONITORING 8/05
Reporting Limit: MDL

Location: 71500H-INFLOW
Field Sample ID: BAR-G-71500H-INFLOW
Date Sampled: 8/24/2005 16:45:00
Sample Type: Groundwater
Lab Sample ID: HJDG81
Analysis Method: 8321
Prep Method: SW3535

Analyte/Parameter	Dilution	Result	Qual	Inhouse Qual	Review	Unit	MDL	PQL	Date Analyzed
Analytes									
1,3,5-TRINITROBENZENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
1,3-DINITROBENZENE	1	< 0.011				UG/L	0.011	0.12	Sep 01, 2005
2,4,6-TRINITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
2,4-DINITROTOLUENE	1	< 0.019				UG/L	0.019	0.12	Sep 01, 2005
2,6-DINITROTOLUENE	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
2-AMINO-4,6-DINITROTOLUENE	1	< 0.021				UG/L	0.021	0.12	Sep 01, 2005
2-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
3-NITROTOLUENE	1	< 0.018				UG/L	0.018	0.12	Sep 01, 2005
4-AMINO-2,6-DINITROTOLUENE	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
4-NITROTOLUENE	1	< 0.022				UG/L	0.022	0.12	Sep 01, 2005
HMX	1	< 0.014				UG/L	0.014	0.12	Sep 01, 2005
NITROBENZENE	1	< 0.033				UG/L	0.033	0.12	Sep 01, 2005
NITROGLYCERIN	1	< 0.045				UG/L	0.045	0.12	Sep 01, 2005
PETN	1	< 0.015				UG/L	0.015	0.12	Sep 01, 2005
RDX	1	< 0.013				UG/L	0.013	0.12	Sep 01, 2005
TETRYL	1	< 0.010				UG/L	0.010	0.12	Sep 01, 2005
Surrogates									
NITROBENZENE-D5	1	100 RPR				UG/L			Sep 01, 2005

Corporate Environmental Database
Lab Analysis QAQC Report

Site: BARKSDALE WORKS 11/8/2005

Project: PRIVATE WELL MONITORING 8/05

Batch Identifier 156712 SW3535 8321 30-AUG-05 5242085 LCMS2

Method Number: 8321 Prep Method: SW3535 Pre-prep:

Batch Start Date: 08/30/2005 Intrument: LCMS2

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: HJHG11-AC LCS			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.548	UG/L	0.010	NS	110	67	118		
1,3-DINITROBENZENE	0.567	UG/L	0.011	NS	113	66	122		
2,4,6-TRINITROTOLUENE	0.534	UG/L	0.022	NS	107	66	117		
2,4-DINITROTOLUENE	0.544	UG/L	0.019	NS	109	68	118		
2,6-DINITROTOLUENE	0.609	UG/L	0.013	NS	122	66	118		
2-AMINO-4,6-DINITROTOLUENE	0.616	UG/L	0.021	NS	123	68	122		
2-NITROTOLUENE	0.396	UG/L	0.018	NS	79	46	124		
3-NITROTOLUENE	0.419	UG/L	0.018	NS	84	38	128		
4-AMINO-2,6-DINITROTOLUENE	0.482	UG/L	0.010	NS	96	63	120		
4-NITROTOLUENE	0.435	UG/L	0.022	NS	87	49	124		
HMX	0.547	UG/L	0.014	NS	109	76	142		
NITROBENZENE	0.424	UG/L	0.033	NS	85	68	117		
NITROGLYCERIN	0.470	UG/L	0.045	NS	94	42	136		
PETN	0.606	UG/L	0.015	NS	121	49	129		
RDX	0.567	UG/L	0.013	NS	113	73	118		
TETRYL	0.518	UG/L	0.010	NS	104	30	170		
NITROBENZENE-D5	83 RPR	UG/L		NS	83	69	111		
Sample Type MB	Lab Sample ID: HJHG11-AA MB			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	< 0.010	UG/L	0.010	0.12					
1,3-DINITROBENZENE	< 0.011	UG/L	0.011	0.12					
2,4,6-TRINITROTOLUENE	< 0.022	UG/L	0.022	0.12					
2,4-DINITROTOLUENE	< 0.019	UG/L	0.019	0.12					
2,6-DINITROTOLUENE	< 0.013	UG/L	0.013	0.12					
2-AMINO-4,6-DINITROTOLUENE	< 0.021	UG/L	0.021	0.12					
2-NITROTOLUENE	< 0.018	UG/L	0.018	0.12					
3-NITROTOLUENE	< 0.018	UG/L	0.018	0.12					
4-AMINO-2,6-DINITROTOLUENE	< 0.010	UG/L	0.010	0.12					
4-NITROTOLUENE	< 0.022	UG/L	0.022	0.12					
HMX	< 0.014	UG/L	0.014	0.12					
NITROBENZENE	< 0.033	UG/L	0.033	0.12					
NITROGLYCERIN	< 0.045	UG/L	0.045	0.12					
PETN	< 0.015	UG/L	0.015	0.12					
RDX	< 0.013	UG/L	0.013	0.12					
TETRYL	< 0.010	UG/L	0.010	0.12					
NITROBENZENE-D5	95 RPR	UG/L			95	37	121		
Sample Type MS	Lab Sample ID: HJDG51-AC MS			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.642	UG/L	0.010	NS	129	48	135		
1,3-DINITROBENZENE	0.601	UG/L	0.011	NS	121	62	127		
2,4,6-TRINITROTOLUENE	0.472	UG/L	0.022	NS	95	59	129		
2,4-DINITROTOLUENE	0.586	UG/L	0.019	NS	118	58	130		
2,6-DINITROTOLUENE	0.605	UG/L	0.013	NS	122	59	126		
2-AMINO-4,6-DINITROTOLUENE	0.586	UG/L	0.021	NS	118	61	131		
2-NITROTOLUENE	0.482	UG/L	0.018	NS	97	20	134		
3-NITROTOLUENE	0.476	UG/L	0.018	NS	96	20	123		
4-AMINO-2,6-DINITROTOLUENE	0.574	UG/L	0.010	NS	116	57	132		
4-NITROTOLUENE	0.497	UG/L	0.022	NS	100	21	131		
HMX	0.382	UG/L	0.014	NS	77	20	156		
NITROBENZENE	0.494	UG/L	0.033	NS	99	22	129		
NITROGLYCERIN	0.520	UG/L	0.045	NS	105	19	126		
PETN	0.615	UG/L	0.015	NS	124	35	154		
RDX	0.620	UG/L	0.013	NS	125	55	141		
TETRYL	0.504	UG/L	0.010	NS	102	20	126		
NITROBENZENE-D5	102 RPR	UG/L		NS	102	37	121		
Sample Type MSD	Lab Sample ID: HJDG51-AD MSD			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.573	UG/L	0.010	NS	120	48	135	11	40
1,3-DINITROBENZENE	0.553	UG/L	0.011	NS	116	62	127	8.3	40
2,4,6-TRINITROTOLUENE	0.486	UG/L	0.022	NS	102	59	129	3.0	40

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: HJDG51-AD MSD			Lab: QES-DEN					
2,4-DINITROTOLUENE	0.531	UG/L	0.019	NS	111	58	130	9.9	40
2,6-DINITROTOLUENE	0.549	UG/L	0.013	NS	115	59	126	9.8	40
2-AMINO-4,6-DINITROTOLUENE	0.492	UG/L	0.021	NS	103	61	131	18	40
2-NITROTOLUENE	0.419	UG/L	0.018	NS	88	20	134	14	50
3-NITROTOLUENE	0.413	UG/L	0.018	NS	87	20	123	14	50
4-AMINO-2,6-DINITROTOLUENE	0.489	UG/L	0.010	NS	103	57	132	16	40
4-NITROTOLUENE	0.459	UG/L	0.022	NS	96	21	131	7.8	50
HMX	0.324	UG/L	0.014	NS	68	20	156	16	50
NITROBENZENE	0.478	UG/L	0.033	NS	100	22	129	3.3	40
NITROGLYCERIN	0.465	UG/L	0.045	NS	98	19	126	11	40
PETN	0.452	UG/L	0.015	NS	95	35	154	31	40
RDX	0.528	UG/L	0.013	NS	111	55	141	16	40
TETRYL	0.452	UG/L	0.010	NS	95	20	126	11	40
NITROBENZENE-D5	101 RPR	UG/L		NS	101	37	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
BAR-G-29025E-INFLOW	8/24/2005	HJDG51-AA FS	QES-DEN
BAR-G-29190E-INFLOW	8/24/2005	HJDFM1-AA FS	QES-DEN
BAR-G-29238E-INFLOW	8/24/2005	HJDGN1-AA FS	QES-DEN
BAR-G-29240E-INFLOW	8/24/2005	HJDGQ1-AA FS	QES-DEN
BAR-G-29250E-INFLOW	8/24/2005	HJDF51-AA FS	QES-DEN
BAR-G-29310E-INFLOW	8/24/2005	HJDGE1-AA FS	QES-DEN
BAR-G-29310E-INFLOW-DUP	8/24/2005	HJDFV1-AA FS	QES-DEN
BAR-G-29380E-INFLOW	8/24/2005	HJDD91-AA FS	QES-DEN
BAR-G-29430E-INFLOW	8/24/2005	HJDGL1-AA FS	QES-DEN
BAR-G-29440E-INFLOW	8/24/2005	HJDF01-AA FS	QES-DEN
BAR-G-30095M-INFLOW	8/24/2005	HJDGR1-AA FS	QES-DEN
BAR-G-30175M-INFLOW	8/24/2005	HJDGX1-AA FS	QES-DEN
BAR-G-71210H-INFLOW	8/24/2005	HJDF71-AA FS	QES-DEN
BAR-G-71230H-INFLOW	8/24/2005	HJDGA1-AA FS	QES-DEN
BAR-G-71250H-INFLOW	8/24/2005	HJDEC1-AA FS	QES-DEN
BAR-G-71270H-INFLOW	8/24/2005	HJDFP1-AA FS	QES-DEN
BAR-G-71450H-INFLOW	8/24/2005	HJDG11-AA FS	QES-DEN
BAR-G-71470H-INFLOW	8/24/2005	HJDG31-AA FS	QES-DEN

Batch Identifier 156713 SW3535 8321 29-AUG-05 5241577 LCMS2

Method Number: 8321 Prep Method: SW3535 Pre-prep:
Batch Start Date: 08/29/2005 Intrument: LCMS2

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type LCS	Lab Sample ID: HJG371-AC LCS			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.507	UG/L	0.010	NS	101	67	118		
1,3-DINITROBENZENE	0.483	UG/L	0.011	NS	97	66	122		
2,4,6-TRINITROTOLUENE	0.440	UG/L	0.022	NS	88	66	117		
2,4-DINITROTOLUENE	0.487	UG/L	0.019	NS	97	68	118		
2,6-DINITROTOLUENE	0.491	UG/L	0.013	NS	98	66	118		
2-AMINO-4,6-DINITROTOLUENE	0.514	UG/L	0.021	NS	103	68	122		
2-NITROTOLUENE	0.453	UG/L	0.018	NS	91	46	124		
3-NITROTOLUENE	0.461	UG/L	0.018	NS	92	38	128		
4-AMINO-2,6-DINITROTOLUENE	0.506	UG/L	0.010	NS	101	63	120		
4-NITROTOLUENE	0.464	UG/L	0.022	NS	93	49	124		
HMX	0.479	UG/L	0.014	NS	96	76	142		
NITROBENZENE	0.447	UG/L	0.033	NS	89	68	117		
NITROGLYCERIN	0.631	UG/L	0.045	NS	126	42	136		
PETN	0.514	UG/L	0.015	NS	103	49	129		
RDX	0.504	UG/L	0.013	NS	101	73	118		
TETRYL	0.527	UG/L	0.010	NS	105	30	170		
NITROBENZENE-D5	87 RPR	UG/L		NS	87	69	111		
Sample Type MB	Lab Sample ID: HJG371-AA MB			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	< 0.010	UG/L	0.010	0.12					
1,3-DINITROBENZENE	< 0.011	UG/L	0.011	0.12					
2,4,6-TRINITROTOLUENE	< 0.022	UG/L	0.022	0.12					
2,4-DINITROTOLUENE	< 0.019	UG/L	0.019	0.12					
2,6-DINITROTOLUENE	< 0.013	UG/L	0.013	0.12					
2-AMINO-4,6-DINITROTOLUENE	< 0.021	UG/L	0.021	0.12					
2-NITROTOLUENE	< 0.018	UG/L	0.018	0.12					
3-NITROTOLUENE	< 0.018	UG/L	0.018	0.12					
4-AMINO-2,6-DINITROTOLUENE	< 0.010	UG/L	0.010	0.12					
4-NITROTOLUENE	< 0.022	UG/L	0.022	0.12					
HMX	< 0.014	UG/L	0.014	0.12					
NITROBENZENE	< 0.033	UG/L	0.033	0.12					
NITROGLYCERIN	< 0.045	UG/L	0.045	0.12					
PETN	< 0.015	UG/L	0.015	0.12					
RDX	< 0.013	UG/L	0.013	0.12					
TETRYL	< 0.010	UG/L	0.010	0.12					
NITROBENZENE-D5	89 RPR	UG/L			89	37	121		
Sample Type MS	Lab Sample ID: HJDHE1-AC MS			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.428	UG/L	0.010	NS	89	48	135		
1,3-DINITROBENZENE	0.469	UG/L	0.011	NS	97	62	127		
2,4,6-TRINITROTOLUENE	0.420	UG/L	0.022	NS	87	59	129		
2,4-DINITROTOLUENE	0.460	UG/L	0.019	NS	96	58	130		
2,6-DINITROTOLUENE	0.427	UG/L	0.013	NS	89	59	126		
2-AMINO-4,6-DINITROTOLUENE	0.396	UG/L	0.021	NS	82	61	131		
2-NITROTOLUENE	0.422	UG/L	0.018	NS	88	20	134		
3-NITROTOLUENE	0.369	UG/L	0.018	NS	77	20	123		
4-AMINO-2,6-DINITROTOLUENE	0.385	UG/L	0.010	NS	80	57	132		
4-NITROTOLUENE	0.390	UG/L	0.022	NS	81	21	131		
HMX	0.369	UG/L	0.014	NS	77	20	156		
NITROBENZENE	0.407	UG/L	0.033	NS	85	22	129		
NITROGLYCERIN	0.545	UG/L	0.045	NS	113	19	126		
PETN	0.321	UG/L	0.015	NS	67	35	154		
RDX	0.479	UG/L	0.013	NS	100	55	141		
TETRYL	0.388	UG/L	0.010	NS	81	20	126		
NITROBENZENE-D5	84 RPR	UG/L		NS	84	37	121		
Sample Type MSD	Lab Sample ID: HJDHE1-AD MSD			Lab: QES-DEN					
1,3,5-TRINITROBENZENE	0.435	UG/L	0.010	NS	89	48	135	1.5	40
1,3-DINITROBENZENE	0.473	UG/L	0.011	NS	97	62	127	0.81	40
2,4,6-TRINITROTOLUENE	0.425	UG/L	0.022	NS	87	59	129	1.2	40

Analyte/Parameter	Result	Unit	MDL	PQL	RPR	RPR Limits Min	RPR Limits Max	RPD	RPD Max
Sample Type MSD	Lab Sample ID: HJDHE1-AD MSD			Lab: QES-DEN					
2,4-DINITROTOLUENE	0.460	UG/L	0.019	NS	94	58	130	0.060	40
2,6-DINITROTOLUENE	0.450	UG/L	0.013	NS	92	59	126	5.2	40
2-AMINO-4,6-DINITROTOLUENE	0.414	UG/L	0.021	NS	85	61	131	4.6	40
2-NITROTOLUENE	0.416	UG/L	0.018	NS	85	20	134	1.3	50
3-NITROTOLUENE	0.414	UG/L	0.018	NS	85	20	123	11	50
4-AMINO-2,6-DINITROTOLUENE	0.453	UG/L	0.010	NS	93	57	132	16	40
4-NITROTOLUENE	0.411	UG/L	0.022	NS	84	21	131	5.4	50
HMX	0.372	UG/L	0.014	NS	76	20	156	0.75	50
NITROBENZENE	0.427	UG/L	0.033	NS	87	22	129	4.6	40
NITROGLYCERIN	0.703	UG/L	0.045	NS	144	19	126	25	40
PETN	0.397	UG/L	0.015	NS	81	35	154	21	40
RDX	0.483	UG/L	0.013	NS	99	55	141	0.87	40
TETRYL	0.388	UG/L	0.010	NS	79	20	126	0.080	40
NITROBENZENE-D5	85 RPR	UG/L		NS	85	37	121		

The following field samples are included in this batch:

Sampleno	Datesmpl	Lab Id	Lab
BAR-G-29040E-INFLOW	8/24/2005	HJDHM1-AA FS	QES-DEN
BAR-G-29700E-INFLOW	8/24/2005	HJDHG1-AA FS	QES-DEN
BAR-G-29745E-INFLOW	8/24/2005	HJDHE1-AA FS	QES-DEN
BAR-G-30075M-INFLOW	8/24/2005	HJDHC1-AA FS	QES-DEN
BAR-G-30175MB-INFLOW	8/24/2005	HJDHK1-AA FS	QES-DEN
BAR-G-30190M-INFLOW	8/24/2005	HJDHV1-AA FS	QES-DEN
BAR-G-70990H-INFLOW	8/24/2005	HJDH01-AA FS	QES-DEN
BAR-G-71075H-INFLOW	8/24/2005	HJDH31-AA FS	QES-DEN
BAR-G-71205H-INFLOW	8/24/2005	HJDH41-AA FS	QES-DEN
BAR-G-71500H-INFLOW	8/24/2005	HJDG81-AA FS	QES-DEN

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

October 19, 2005

Ms. Sharon A. Nordstrom
URS Diamond
Barley Mill Plaza, Bldg. 27
Rts. 141 and 48
Wilmington, DE 19805

Dear Ms. Nordstrom:

Enclosed is the quality assurance review for the aqueous samples collected on August 24, 2005, for the DuPont Corporate Remediation Group 8/05 Groundwater Sampling Project at the Barksdale Facility in Barksdale, Wisconsin. This report is based on our review of specific raw data and the DuPont Data Review (DDR) output.

The quality of the data is acceptable; qualification of data was not warranted. Reporting errors were not identified during the quality assurance review.

If you have any questions or comments, please do not hesitate to call.

Sincerely,

K Vlahogiani

Konstadina Vlahogiani, M.S.
Senior Quality Assurance Chemist III/
Project Manager

Sincerely,

David R. Blye

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

KV/DRB:hm
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ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW OF THE AQUEOUS SAMPLES

COLLECTED ON AUGUST 24, 2005

FOR THE DUPONT CORPORATE REMEDIATION GROUP

8/05 GROUNDWATER SAMPLING PROJECT

AT THE BARKSDALE, WISCONSIN FACILITY

October 19, 2005

Prepared for:

DUPONT CORPORATE REMEDIATION GROUP
Barley Mill Plaza, Bldg. 27
Rts. 141 and 48
Wilmington, DE 19805

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

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Executive Summary

An analytical quality assurance (QA) review was performed on data for the 32 aqueous samples (including quality control samples) collected in association with the DuPont Corporate Remediation Group 8/05 Groundwater Sampling Project at the Barksdale Facility in Barksdale, Wisconsin. The QA review was based upon an examination of specific raw data and the DuPont Data Review (DDR) output. The organic analyses were performed by SW-846 methods. A comprehensive Contract Laboratory Program (CLP)-like raw data package was prepared by the laboratory and was reviewed by Environmental Standards.

The quality of the data is acceptable; qualification of data was not warranted. Reporting errors were not identified during the quality assurance review.

Introduction

This quality assurance (QA) review is based upon an examination of specific raw data and the DuPont Data Review (DDR) output generated from the 32 aqueous samples (including quality control [QC] samples) that were collected on August 24, 2005, as part of the DuPont Corporate Remediation Group 8/05 Groundwater Sampling Project at the Barksdale Facility in Barksdale, Wisconsin. The samples that have undergone a QA review are listed on Table 1. Table 1 presents the field sample number, laboratory sample number, laboratory project number, collection date, and parameter analyzed and reviewed for each sample.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (US EPA, 2/94).

The DDR output used to generate this QA review is presented in Section 4 and includes the following DDR spreadsheets:

- List 1
- List 3
- Table 1
- Table 2 Majors
- Table 2 Majors Counts
- Table 2 Minors
- Table 2 Minors Counts
- DDR Differences
- Logs Abbreviated
- Logs Complete

The DDR is an electronic validation tool that qualifies data based on an electronic data deliverable (EDD) provided by the analytical laboratory. The DDR output was generated by DuPont and provided to Environmental Standards for use in the preparation of this QA report. Details of this QA review are presented in Section 1 of this report.

The reported analytical results are presented on the laboratory analysis reports included in Section 2, "Target Analyte Summary." The DDR output was examined to determine the usability of the analytical results, and specific raw data were examined to determine the usability of the analytical results and compliance relative to requirements specified by "Test Methods for Evaluating Solid Waste" (SW-846, Third Revision, 1986, and updates as applicable). In addition, the deliverables prepared according to a Contract Laboratory Program-like data package were evaluated. Details of this QA review are presented in Section 1 of this report.

This QA review identifies data quality issues for specific samples and specific evaluation criteria. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

TABLE 1

SUMMARY OF GROUNDWATER SAMPLE DATA REVIEWED

DUPONT BARKSDALE, WISCONSIN FACILITY

DuPont Corporate Remediation Group Sample Identification	Laboratory Sample Number	Laboratory Project Number	Date of Sample Collection	Parameter Analyzed and Reviewed
BAR-G-29380E-INFLOW	HJDD9	D5H260313	8/24/05	E
BAR-G-71250H-INFLOW	HJDEC	D5H260313	8/24/05	E
BAR-G-29190E-INFLOW	HJDFM	D5H260313	8/24/05	E
BAR-G-71270H-INFLOW	HJDFP	D5H260313	8/24/05	E
BAR-G-29310E-INFLOW-DUP (Field Duplicate of BAR-G-29310E-INFLOW)	HJDFV	D5H260313	8/24/05	E
BAR-G-29440E-INFLOW	HJDF0	D5H260313	8/24/05	E
BAR-G-29250E-INFLOW	HJDF5	D5H260313	8/24/05	E
BAR-G-71210H-INFLOW	HJDF7	D5H260313	8/24/05	E
BAR-G-71230H-INFLOW	HJDGA	D5H260313	8/24/05	E
BAR-G-29310E-INFLOW	HJDGE	D5H260313	8/24/05	E
BAR-G-29430E-INFLOW	HJDGL	D5H260313	8/24/05	E
BAR-G-29238E-INFLOW	HJDGN	D5H260313	8/24/05	E
BAR-G-29240E-INFLOW	HJDGQ	D5H260313	8/24/05	E
BAR-G-30095M-INFLOW	HJDGR	D5H260313	8/24/05	E
BAR-G-30175M-INFLOW	HJDGX	D5H260313	8/24/05	E
BAR-G-71450H-INFLOW	HJDG1	D5H260313	8/24/05	E
BAR-G-71470H-INFLOW	HJDG3	D5H260313	8/24/05	E
BAR-G-29025E-INFLOW	HJDG5	D5H260313	8/24/05	E
BAR-G-29025E-INFLOWMS (Matrix Spike)	HJDG5MS	D5H260313	8/24/05	E
BAR-G-29025E-INFLOWMSD (Matrix Spike Duplicate)	HJDG5MSD	D5H260313	8/24/05	E

TABLE 1 (Cont.)

DuPont Corporate Remediation Group Sample Identification	Laboratory Sample Number	Laboratory Project Number	Date of Sample Collection	Parameter Analyzed and Reviewed
BAR-G-71500H-INFLOW	HJDG8	D5H260313	8/24/05	E
BAR-G-30075M-INFLOW	HJDHC	D5H260313	8/24/05	E
BAR-G-29745E-INFLOW	HJDHE	D5H260313	8/24/05	E
BAR-G-29745E-INFLOWMS (Matrix Spike)	HJDHEMS	D5H260313	8/24/05	E
BAR-G-29745E-INFLOWMSD (Matrix Spike Duplicate)	HJDHEMSD	D5H260313	8/24/05	E
BAR-G-29700E-INFLOW	HJDHG	D5H260313	8/24/05	E
BAR-G-30175MB-INFLOW	HJDHK	D5H260313	8/24/05	E
BAR-G-29040E-INFLOW	HJDHM	D5H260313	8/24/05	E
BAR-G-30190M-INFLOW	HJDHV	D5H260313	8/24/05	E
BAR-G-70990H-INFLOW	HJDH0	D5H260313	8/24/05	E
BAR-G-71075H-INFLOW	HJDH3	D5H260313	8/24/05	E
BAR-G-71205H-INFLOW	HJDH4	D5H260313	8/24/05	E

NOTE:

E - Nitroaromatics and Nitroamines by SW-846 Method 8321A (Modified per STL SOP No. DEN-LC-0010, Revision No. 3). (32 analyses)

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 32 aqueous samples (including QC samples) collected as part of the DuPont Corporate Remediation Group (DuPont) 8/05 Groundwater Sampling Project at the Barksdale, Wisconsin, Facility on August 24, 2005, were performed by Severn Trent Laboratories, Inc. (STL) in Denver, Colorado. The samples were collectively analyzed for nitroaromatics and nitroamines according to SW-846 Method 8321A, as specified in "Test Methods for Evaluating Solid Waste" (SW-846, Third Edition, Final Update II, September 1994) and modified as specified in STL proprietary Standard Operating Procedure (SOP) No. DEN-LC-0010 (Revision No. 3). This modified method uses liquid chromatography with a thermospray interfaced to a mass spectrometer (LC/TSP/MS). The analyses are identified on Table 1. The data were presented in one Contract Laboratory Program (CLP)-like data package.

The findings offered in this report are based upon a review of the DDR output for the following QA/QC measures:

- sample holding times
- matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision
- surrogate recoveries
- blank analysis results
- laboratory control sample (LCS) recoveries

The findings offered in this report are also based upon a review of the raw data for the following:

- sample condition upon laboratory receipt
- gas chromatogram/mass spectral (GC/MS) tuning and system performance
- qualitative identification
- quantitation of sample results
- internal standard areas
- initial calibrations and calibration verifications
- analytical sequence

The analytical results for the organic compounds are provided as a summary of the data in Section 2 of this report.

Data Package Deliverables

Overall, the organic data quality is good. The following analytical criteria and/or reporting requirements were not met for the original data package received. Reporting errors were not identified during the quality assurance review. The following items do not affect data usability. Usability is addressed in the Data Evaluation section.

Noncorrectable Deficiencies

1. The laboratory analyzed a few nitroaromatics and nitroamines continuing calibration verification (CCV) standards with concentrations of 50 µg/L. According to STL SOP No. DEN-LC-0010 (Section 10.6.1, pg. 14 of 33), the concentration of the CCV standards should be 100 µg/L. In the data reviewer's opinion, there was no impact on data quality due to this issue.

2. The percent differences (%Ds) for 1,3,5-trinitrobenzene and nitroglycerine in CCV standard ex25i0128 were greater than the 30% criterion specified for valid CCV standards in STL SOP No. DEN-LC-0010 (Section 10.6.1, pg. 14 of 33). There was adequate instrument sensitivity to achieve the method detection limits (MDLs) and practical quantitation limits (PQLs) for 1,3,5-trinitrobenzene and nitroglycerine despite the non-compliant CCV %Ds because the %Ds for 1,3,5-trinitrobenzene and nitroglycerine were in the direction of sensitivity increase. Positive results were not observed for 1,3,5-trinitrobenzene and nitroglycerine in the associated samples; therefore, qualification of data was not warranted due to this issue.

Comments

1. As noted in the Laboratory Case Narrative, sample cooler temperatures of 2.8°C and 5.1°C were recorded upon laboratory receipt for several project coolers. Samples collected for nitroaromatics and nitroamines analyses are required to be preserved at a temperature of 4°C (STL SOP No. DEN-LC-0010 [Section 8.2., pg. 10 of 33]). The data reviewer, however, does not consider the data to have been impacted because it is customary for the acceptable preservation temperature to be 4±2°C.

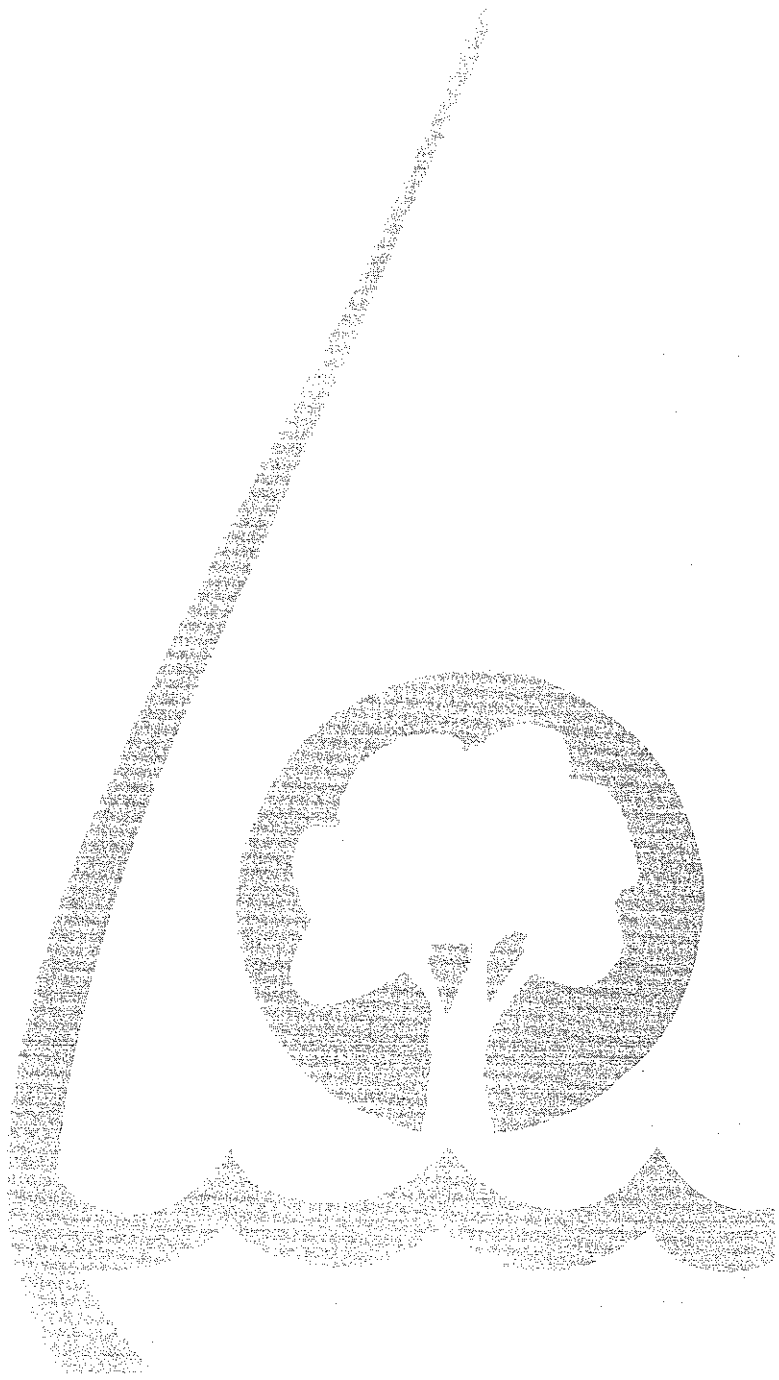
2. In the nitroaromatics and nitroamines fraction, the MDLs and PQLs in the project samples were not adjusted for the exact volume extracted. For the MDLs and PQLs, the laboratory used a standard dilution factor for samples based on an initial sample volume of 1000 mL and a final extract volume of 5 mL unless the amount extracted differed from 1000 mL by 20% or more. The amount extracted for the samples ranged from 1001 mL to 1060 mL, which would impact the reported MDLs and PQLs by 5% or less if the reported MDLs and PQLs were adjusted for the exact volume extracted. The MDLs and PQLs reported on the qualified analysis reports in Section 2 have not been adjusted for the exact sample volume due to the minimal impact on the reported values.

Data Evaluation

With respect to data usability, qualification of the data was not warranted. Based on the DDR output, all extractions and analyses were performed within holding times. The condition of the samples upon laboratory receipt was acceptable. Based on the DDR output, blank analysis results revealed no contamination problems. Linearity for all target compounds was demonstrated in the initial calibration by acceptable correlation coefficients and coefficients of determination.

Instrument stability for all target compounds was demonstrated by acceptable CCV standard recoveries (or CCV standard recoveries that did not require qualification). Based on the DDR output, precision and accuracy were demonstrated by acceptable surrogate recoveries, LCS recoveries, and MS/MSD recoveries and relative percent differences. One field duplicate pair (sample BAR-G-29310E-INFLOW and its duplicate, sample BAR-G-29310E-INFLOW-DUP) was included in the data package provided for the nitroaromatics and nitroamines analyses. Good precision was observed between the results for nitroaromatics and nitroamines in the field duplicate pair to the limited extent that positive results were not reported in samples BAR-G-29310E-INFLOW and BAR-G-29310E-INFLOW-DUP.

Support documentation of this organic QA review is provided in Section 3 of this report. The DDR output on which parts of this QA report have been based on is presented in Section 4 of this report.



B. Conclusions

Based on the DDR output and the QA review, qualification of the nitroaromatics and nitroamines sample results was not warranted. The Laboratory Case Narrative and Project Chain-of-Custody Records are presented in Section 5 of this report.

Report prepared by:

Konstadina Vlahogiani, M.S.
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Report reviewed by:

Donald J. Lancaster, M.S.
Senior Quality Assurance Chemist II

Report reviewed and approved by:

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Date: 10/19/05

SECTION 2

TARGET ANALYTE SUMMARY

ORGANIC DATA QUALIFIERS

ND	The compound was not detected at or above the associated numerical value.
U	This compound should be considered "not detected" because it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation) or the DuPont Data Review (DDR) output review.
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the detection limit is probably higher due to a low bias identified during the quality assurance review or the DuPont Data Review (DDR) output review.

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29380E-INFLOW

HPLC

Lot-Sample #...: D5H260313-001 **Work Order #...:** HJDD91AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:15 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 16:48
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71250H-INFLOW

HPLC

Lot-Sample #...: D5H260313-002 Work Order #...: HJDEC1AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:29 Date Received...: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 17:20
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	99	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29190E-INFLOW

HPLC

Lot-Sample #...: D5H260313-003 Work Order #...: HJDFM1AA Matrix.....: WATER
Date Sampled...: 08/24/05 16:55 Date Received...: 08/26/05
Prep Date.....: 08/30/05 Analysis Date...: 09/10/05
Prep Batch #...: 5242085 Analysis Time...: 17:52
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71270H-INFLOW

HPLC

Lot-Sample #...: D5H260313-004 Work Order #...: HJDFP1AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:35 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 18:24
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29310E-INFLOW-DUP

HPLC

Lot-Sample #...: D5H260313-005 Work Order #...: HJDFV1AA Matrix.....: WATER
Date Sampled...: 08/24/05 14:05 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 18:56
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29440E-INFLOW

HPLC

Lot-Sample #...: D5H260313-006 Work Order #...: HJDF01AA Matrix.....: WATER
Date Sampled...: 08/24/05 14:35 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 19:27
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29250E-INFLOW

HPLC

Lot-Sample #....: D5H260313-007 Work Order #...: HJDF51AA Matrix.....: WATER
Date Sampled....: 08/24/05 12:45 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #....: 5242085 Analysis Time..: 19:59
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71210H-INFLOW

HPLC

Lot-Sample #...: D5H260313-008 Work Order #...: HJDF71AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:15 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 20:31
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71230H-INFLOW

HPLC

Lot-Sample #...: D5H260313-009 Work Order #...: HJDGA1AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:22 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 21:35
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29310E-INFLOW

HPLC

Lot-Sample #...: D5H260313-010 **Work Order #...:** HJDGE1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:05 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 22:07
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29430E-INFLOW

HPLC

Lot-Sample #...: D5H260313-011 Work Order #...: HJDGL1AA Matrix.....: WATER
Date Sampled...: 08/24/05 14:25 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 22:38
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29238E-INFLOW

HPLC

Lot-Sample #....: D5H260313-012 Work Order #....: HJDGN1AA Matrix.....: WATER
Date Sampled....: 08/24/05 12:15 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #....: 5242085 Analysis Time..: 23:10
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29240E-INFLOW

HPLC

Lot-Sample #...: D5H260313-013 **Work Order #...:** HJDGQ1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 12:20 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 23:42
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30095M-INFLOW

HPLC

Lot-Sample #....: D5H260313-014 Work Order #....: HJDGR1AA Matrix.....: WATER
Date Sampled....: 08/24/05 15:55 Date Received...: 08/26/05
Prep Date.....: 08/30/05 Analysis Date...: 09/11/05
Prep Batch #...: 5242085 Analysis Time...: 00:14
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30175M-INFLOW

HPLC

Lot-Sample #....: D5H260313-015 Work Order #....: HJDGX1AA Matrix.....: WATER
Date Sampled....: 08/24/05 15:50 Date Received...: 08/26/05
Prep Date.....: 08/30/05 Analysis Date...: 09/11/05
Prep Batch #....: 5242085 Analysis Time...: 00:46
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71450H-INFLOW

HPLC

Lot-Sample #...: D5H260313-016 Work Order #...: HJDG11AA Matrix.....: WATER
Date Sampled...: 08/24/05 16:25 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/11/05
Prep Batch #...: 5242085 Analysis Time..: 01:18
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	101	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71470H-INFLOW

HPLC

Lot-Sample #...: D5H260313-017 Work Order #...: HJDG31AA Matrix.....: WATER
Date Sampled...: 08/24/05 16:31 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/11/05
Prep Batch #...: 5242085 Analysis Time..: 01:49
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29025E-INFLOW

HPLC

Lot-Sample #....: D5H260313-018 Work Order #....: HJDG51AA Matrix.....: WATER
Date Sampled...: 08/24/05 11:25 Date Received..: 08/26/05
Prep Date.....: 08/30/05 Analysis Date..: 09/11/05
Prep Batch #....: 5242085 Analysis Time..: 02:53
Dilution Factor: 1 Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71500H-INFLOW

HPLC

Lot-Sample #...: D5H260313-019 **Work Order #...:** HJDG81AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:45 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 18:49
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30075M-INFLOW

HPLC

Lot-Sample #...: D5H260313-020 Work Order #...: HJDHC1AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:55 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 19:21
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29745E-INFLOW

HPLC

Lot-Sample #...: D5H260313-021 Work Order #...: HJDHE1AA Matrix.....: WATER
Date Sampled...: 08/24/05 14:50 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 19:53
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29700E-INFLOW

HPLC

Lot-Sample #...: D5H260313-022 **Work Order #...:** HJDHG1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:45 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 21:28
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30175MB-INFLOW

HPLC

Lot-Sample #...: D5H260313-023 Work Order #...: HJDHK1AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:52 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 22:00
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29040E-INFLOW

HPLC

Lot-Sample #....: D5H260313-024 Work Order #...: HJDHM1AA Matrix.....: WATER
Date Sampled....: 08/24/05 12:35 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 23:04
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30190M-INFLOW

HPLC

Lot-Sample #...: D5H260313-025 Work Order #...: HJDHV1AA Matrix.....: WATER
Date Sampled...: 08/24/05 16:11 Date Received...: 08/26/05
Prep Date.....: 08/29/05 Analysis Date...: 09/01/05
Prep Batch #...: 5241577 Analysis Time...: 23:36
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-70990H-INFLOW

HPLC

Lot-Sample #...: D5H260313-026 Work Order #...: HJDH01AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:00 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/02/05
Prep Batch #...: 5241577 Analysis Time..: 00:08
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71075H-INFLOW

HPLC

Lot-Sample #...: D5H260313-027 **Work Order #...:** HJDH31AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 11:15 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/02/05
Prep Batch #...: 5241577 **Analysis Time..:** 00:39
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71205H-INFLOW

HPLC

Lot-Sample #...: D5H260313-028 Work Order #...: HJDH41AA Matrix.....: WATER
Date Sampled...: 08/24/05 15:05 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/02/05
Prep Batch #...: 5241577 Analysis Time..: 01:11
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(37 - 121)

SECTION 3

ORGANIC DATA SUPPORT DOCUMENTATION

Organic Analyses Support Documentation

Environmental Standards Project Name: DuPont/Barksdale
Sample Collection Dates: 8/24/05
Job Number: Y1071617
Project Manager: Dina V
Laboratory: STL - Denver

Reviewed By: Dina V
Approved By: DJC
Completion Date: 10/18/05

Applicable Sample No's.: ☐ Refer to Table 1 in the Quality Assurance Review

Sample No.	Lab. Control No.
SDG	

Deliverables: CLP ☑ like
Tier I ☐
Tier II ☐
Limited ☐
Other ☐

The following table indicates criteria which were examined, the identified problems, and support documentation attachments.

	Criteria Examined in Detail (Check (√) If Yes or Footnote Letter for Comments Below)				Problems Identified (Check (√) If Yes or Footnote Number for Comments Below)				Support Documentation Attachments (Check (√) If Yes — or Identify Attachment No.)			
	VOA Method	BNA Method	PEST / PCB Method	Other Method(s) 8321A	VOA Method	BNA Method	PEST / PCB Method	Other Method(s) 8321A	VOA Method	BNA Method	PEST / PCB Method	Other Method(s) 8321A
Holding Times												
Blank Analysis Results: Target Compounds												
Blank Analysis Results: TICs												
System Mntr. Cmpds. &/or Surrogate Spike Rslts.												
Matrix Spike / Matrix Spike Duplicate Results												
Blank Spike Results												
Duplicate Analysis Results ☐ Field ☐ Lab												
Qualitative Identification: Target Compounds				✓								
Qualitative Identification: TICs												
DFTPP & BFB Mass Tuning												
GC Instrument Performance												
Initial Calibrations				✓								✓
Continuing Calibrations				✓								✓
Quantitation of Results				✓								
DDT / Endrin Breakdown												
Surrogate Retention Time Shifts												
Internal Standards Performance				✓								
Resolution Check Standards												
Analytical Sequence				✓								✓
Florisil Cartridge Checks & GPC Calibration												
GC Column Agreement												
Others:												

Comments: Data is acceptable for use unless otherwise qualified

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2).SPL
Printed: Mon Sep 12 12:42:28 2005

Page Position: (1, 1)

	File Name	Sample ID	File Text	Sample Type	Analyte µg/L	QC µg/L	Vial	Extract (mL)
1	ex25i1001	911.126.1	blank - clean	Blank	0	100	1	1.00
2	ex25i1002	911.126.2	5 µg/L	QC	5	5	2	1.00
3	ex25i1003	911.126.3	10 µg/L	Standard	10	10	3	1.00
4	ex25i1004	911.126.4	25 µg/L	Standard	25	25	4	1.00
5	ex25i1005	911.126.5	50 µg/L	Standard	50	50	5	1.00
6	ex25i1006	911.126.6	100 µg/L	Standard	100	100	6	1.00
7	ex25i1007	911.126.7	200 µg/L	Standard	200	200	7	1.00
8	ex25i1008	911.126.8	300 µg/L	Standard	300	300	8	1.00
9	ex25i1009	911.126.1	blank - clean	Blank	0	100	1	1.00
10	ex25i1010	911.118.3	100 µg/l ICV	QC	100	100	9	1.00
11	ex25i1017	911.126.5	50 µg/L CCV	QC	50	50	5	1.00
12	ex25i1018	HJHG11AA	R5H300000-085 MB	Blank	0	100	67	5.00
13	ex25i1019	HJHG11AC	R5H300000-085 LCS	QC	100	100	68	5.00
14	ex25i1020	HJDD91AA	D5H260313-1	Analyte	0	100	69	5.00
15	ex25i1021	HJDEC1AA	D5H260313-2	Analyte	0	100	10	5.00
16	ex25i1022	HJDFM1AA	D5H260313-3	Analyte	0	100	11	5.00
17	ex25i1023	HJDFP1AA	D5H260313-4	Analyte	0	100	12	5.00
18	ex25i1024	HJDFV1AA	D5H260313-5	Analyte	0	100	13	5.00
19	ex25i1025	HJDF01AA	D5H260313-6	Analyte	0	100	14	5.00
20	ex25i1026	HJDF51AA	D5H260313-7	Analyte	0	100	15	5.00
21	ex25i1027	HJDF71AA	D5H260313-8	Analyte	0	100	16	5.00
22	ex25i1028	911.126.6	100 µg/L CCV	QC	100	100	6	1.00
23	ex25i1029	HJDGA1AA	D5H260313-9	Analyte	0	100	17	5.00
24	ex25i1030	HJDGE1AA	D5H260313-10	Analyte	0	100	18	5.00
25	ex25i1031	HJDGL1AA	D5H260313-11	Analyte	0	100	19	5.00
26	ex25i1032	HJDGN1AA	D5H260313-12	Analyte	0	100	20	5.00
27	ex25i1033	HJDGQ1AA	D5H260313-13	Analyte	0	100	21	5.00
28	ex25i1034	HJDGR1AA	D5H260313-14	Analyte	0	100	22	5.00
29	ex25i1035	HJDGX1AA	D5H260313-15	Analyte	0	100	23	5.00
30	ex25i1036	HJDG11AA	D5H260313-16	Analyte	0	100	24	5.00
31	ex25i1037	HJDG31AA	D5H260313-17	Analyte	0	100	25	5.00
32	ex25i1038	911.126.5	50 µg/L CCV	QC	50	50	5	1.00
33	ex25i1039	HJDG51AA	D5H260313-18	Analyte	0	100	26	5.00
34	ex25i1040	HJDG51AC	D5H260313-18 MS	QC	100	100	27	5.00
35	ex25i1041	HJDG51AD	D5H260313-18 MSD	QC	100	100	28	5.00
36	ex25i1042	911.126.6	100 µg/L CCV	QC	100	100	6	1.00

	Sample (mL or g)	Dilution	µL Injected	MS Tune File	Inlet File	MS File
1	1.00	1.000	50.000	Explosives	Exp2	Explosives
2	1.00	1.000	50.000	Explosives	Exp2	Explosives
3	1.00	1.000	50.000	Explosives	Exp2	Explosives
4	1.00	1.000	50.000	Explosives	Exp2	Explosives
5	1.00	1.000	50.000	Explosives	Exp2	Explosives
6	1.00	1.000	50.000	Explosives	Exp2	Explosives
7	1.00	1.000	50.000	Explosives	Exp2	Explosives
8	1.00	1.000	50.000	Explosives	Exp2	Explosives
9	1.00	1.000	50.000	Explosives	Exp2	Explosives
10	1.00	1.000	50.000	Explosives	Exp2	Explosives
11	1.00	1.000	50.000	Explosives	Exp2	Explosives
12	1000.00	1.000	50.000	Explosives	Exp2	Explosives
13	1000.00	1.000	50.000	Explosives	Exp2	Explosives
14	1028.00	1.000	50.000	Explosives	Exp2	Explosives
15	1054.00	1.000	50.000	Explosives	Exp2	Explosives
16	1058.00	1.000	50.000	Explosives	Exp2	Explosives
17	1051.00	1.000	50.000	Explosives	Exp2	Explosives
18	1040.00	1.000	50.000	Explosives	Exp2	Explosives
19	1044.00	1.000	50.000	Explosives	Exp2	Explosives
20	1060.00	1.000	50.000	Explosives	Exp2	Explosives
21	1042.00	1.000	50.000	Explosives	Exp2	Explosives
22	1.00	1.000	50.000	Explosives	Exp2	Explosives
23	1041.00	1.000	50.000	Explosives	Exp2	Explosives
24	1040.00	1.000	50.000	Explosives	Exp2	Explosives
25	1018.00	1.000	50.000	Explosives	Exp2	Explosives
26	1052.00	1.000	50.000	Explosives	Exp2	Explosives
27	1056.00	1.000	50.000	Explosives	Exp2	Explosives
28	1010.00	1.000	50.000	Explosives	Exp2	Explosives
29	1050.00	1.000	50.000	Explosives	Exp2	Explosives
30	1039.00	1.000	50.000	Explosives	Exp2	Explosives
31	1043.00	1.000	50.000	Explosives	Exp2	Explosives
32	1.00	1.000	50.000	Explosives	Exp2	Explosives
33	1044.00	1.000	50.000	Explosives	Exp2	Explosives
34	1007.00	1.000	50.000	Explosives	Exp2	Explosives
35	1049.00	1.000	50.000	Explosives	Exp2	Explosives
36	1.00	1.000	50.000	Explosives	Exp2	Explosives

STL Denver

Quantify Calibration Report
Explosives Analysis

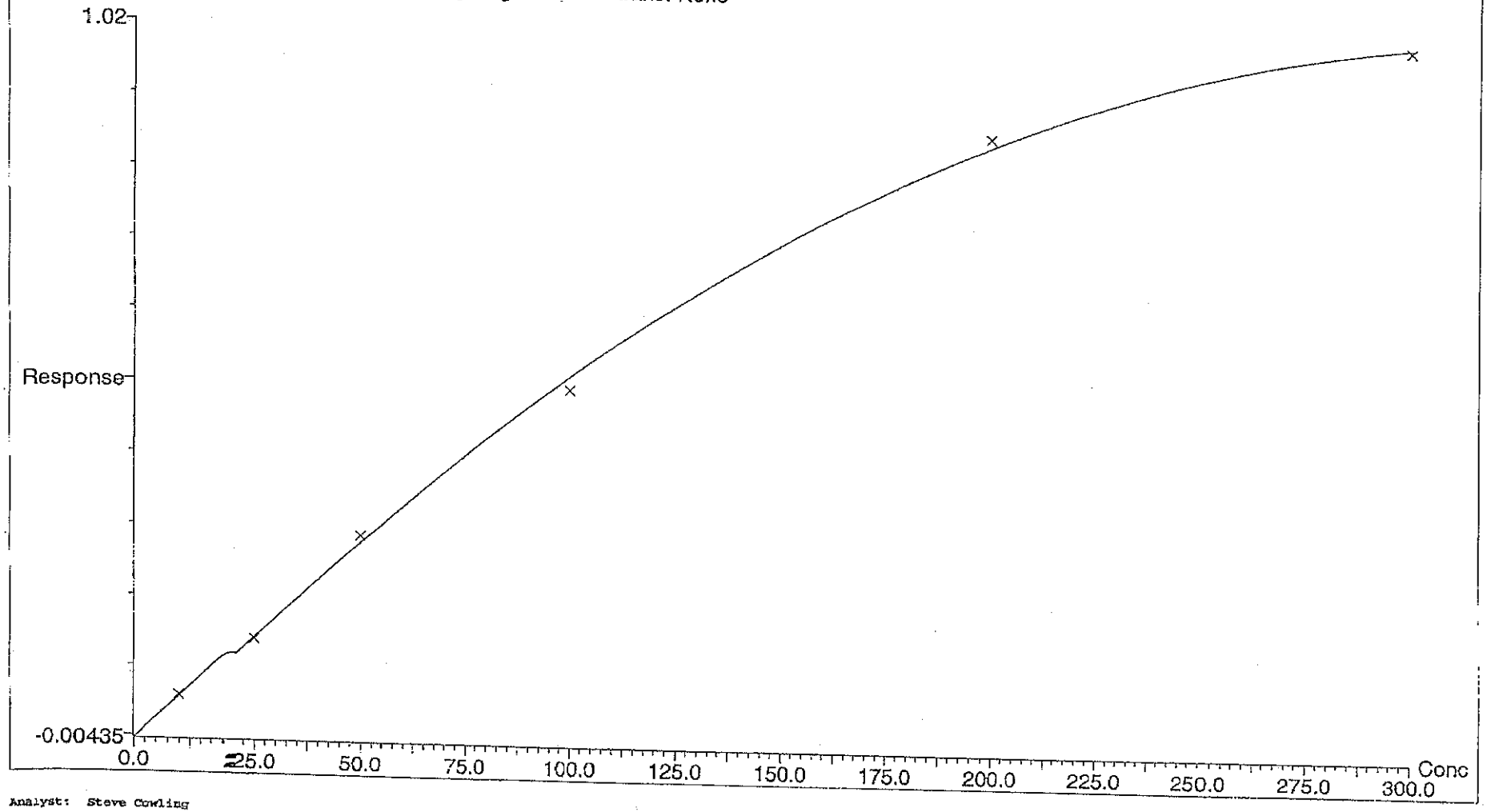
Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

6 - point ICAL
low level (5 ppb) dropped

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L)
DF = Dilutions after extraction (L/L)
Vf = Final volume at end of extraction (L)
Vs = Size of sample Extracted (L or kg)

Compound 1 name: HMX Method File: ex25i10
Coefficient of Determination: 0.999174
Calibration curve: -9.38769e-6 * x^2 + 0.00623220 * x + -0.00434554
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: Null, Axis trans: None



Analyst: Steve Cowling

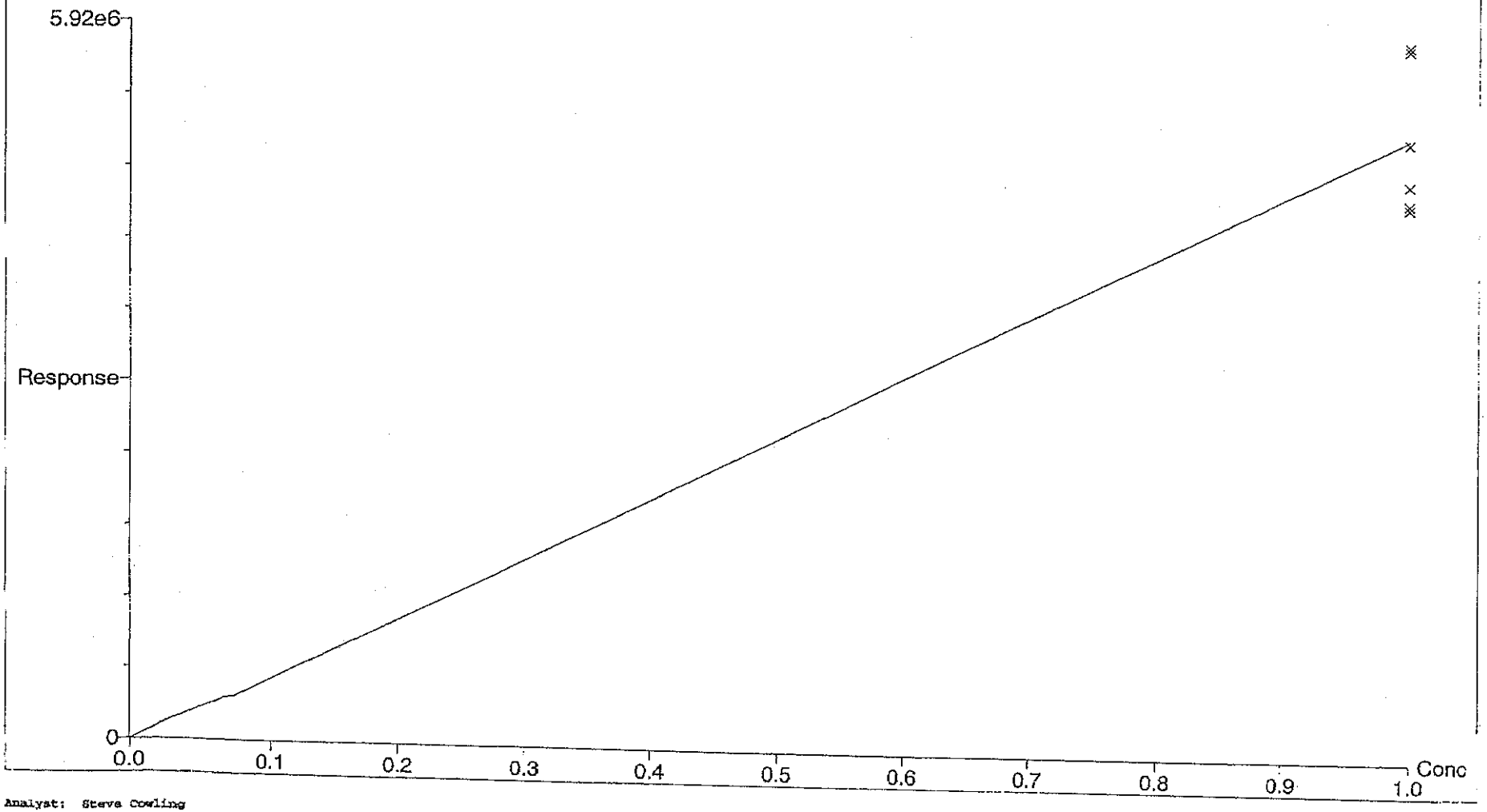
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L)
DF = Dilutions after extraction (L/L)
Vf = Final volume at end of extraction (L)
Vs = Size of sample Extracted (L or kg)

Compound 2 name: RDX 13C-3 284 (IS) Method File: ex25i10
Response Factor: 5.15452e6
RRF SD: 611278. % Relative SD: 11.8591
Response type: External Std, Area
Curve type: RF



Analyst: Steve Cowling

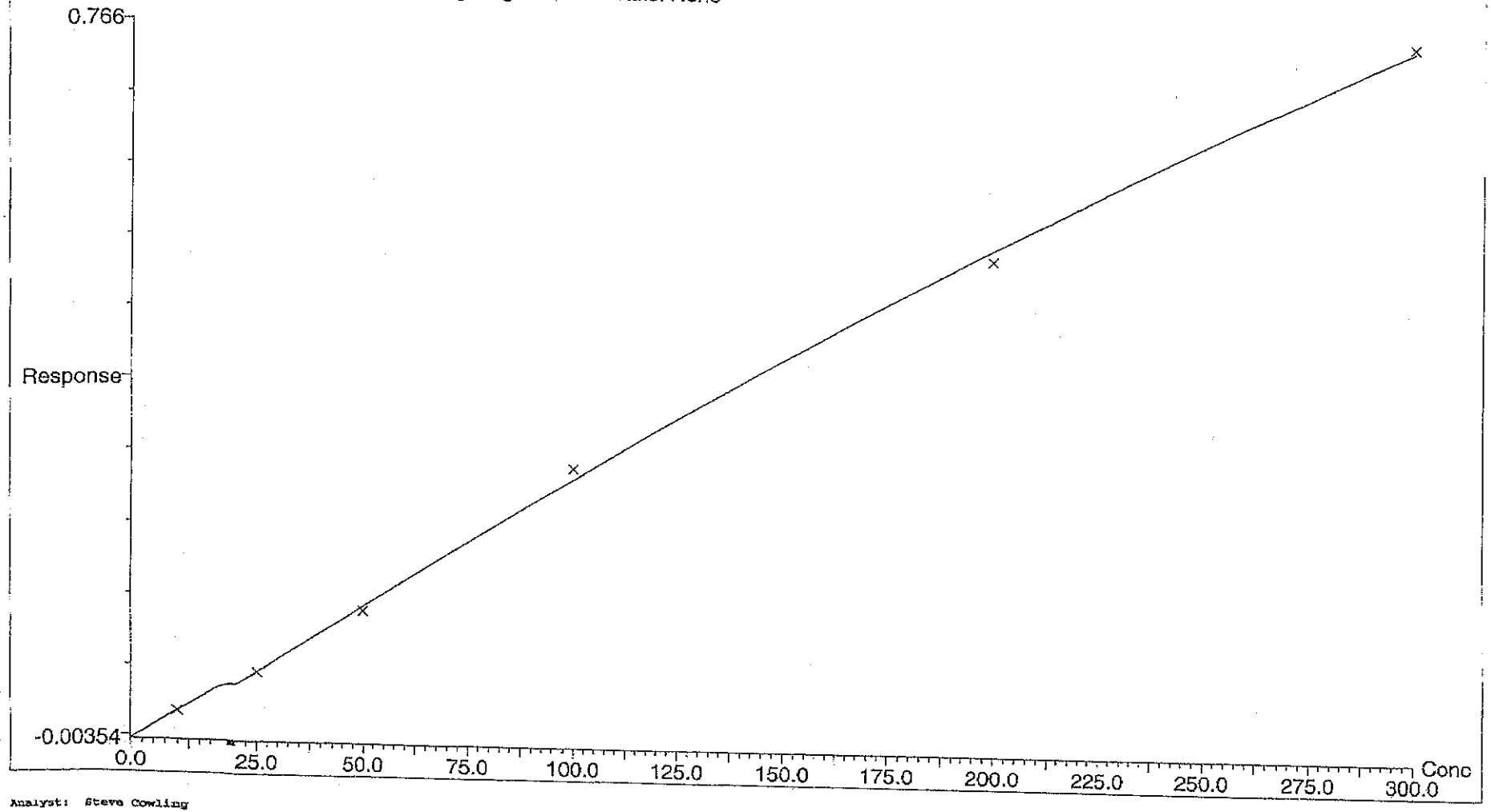
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25110
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 3 name: RDX Method File: ex25110
Coefficient of Determination: 0.999238
Calibration curve: -1.63875e-6 * x^2 + 0.00304166 * x + -0.00353932
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

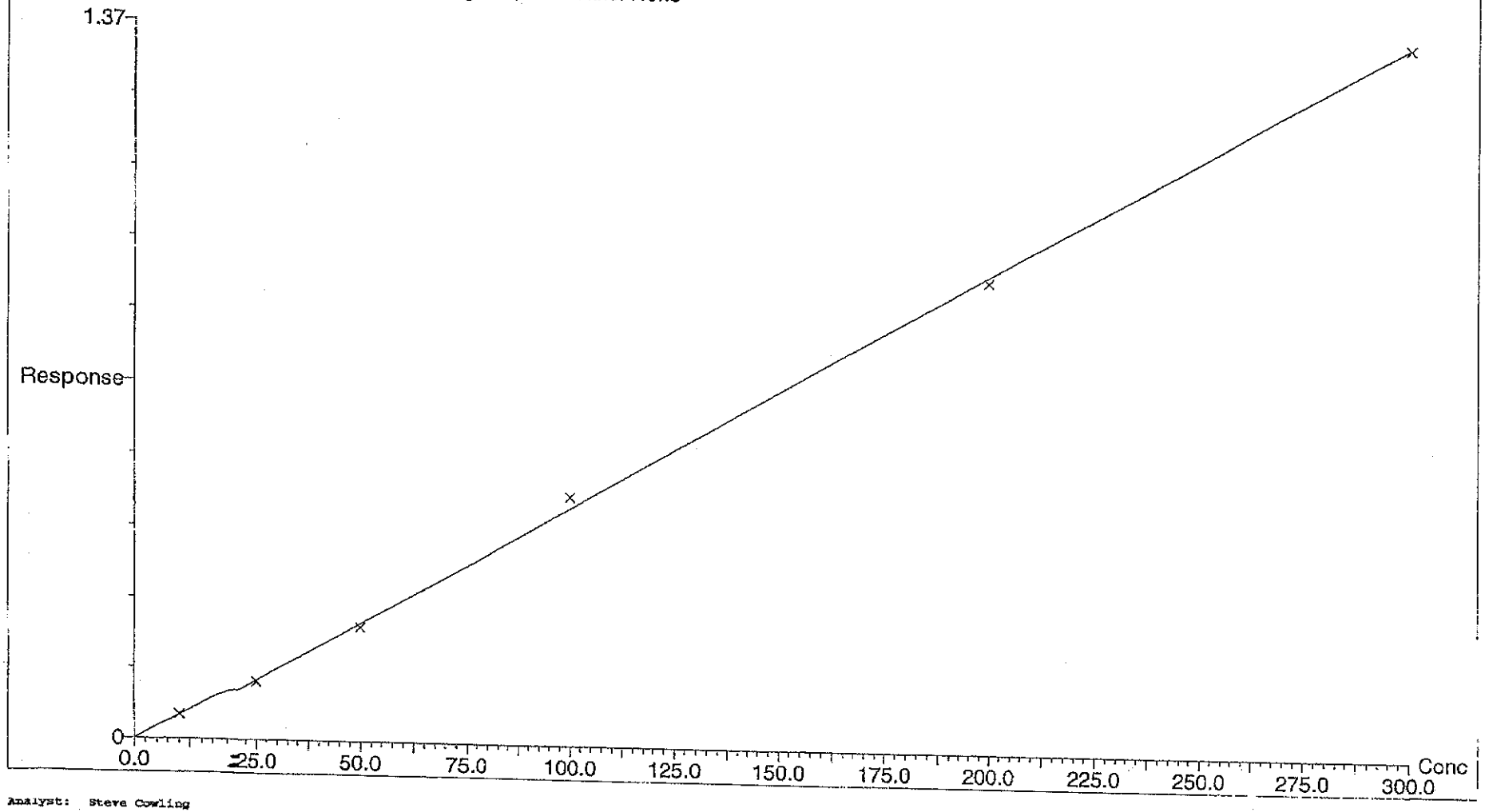
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 4 name: 1 ,3,5-Trinitrobenzene Method File: ex25i10
Coefficient of Determination: 0.999503
Calibration curve: 0.0[illegible]456192 * x + 0.000171094
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



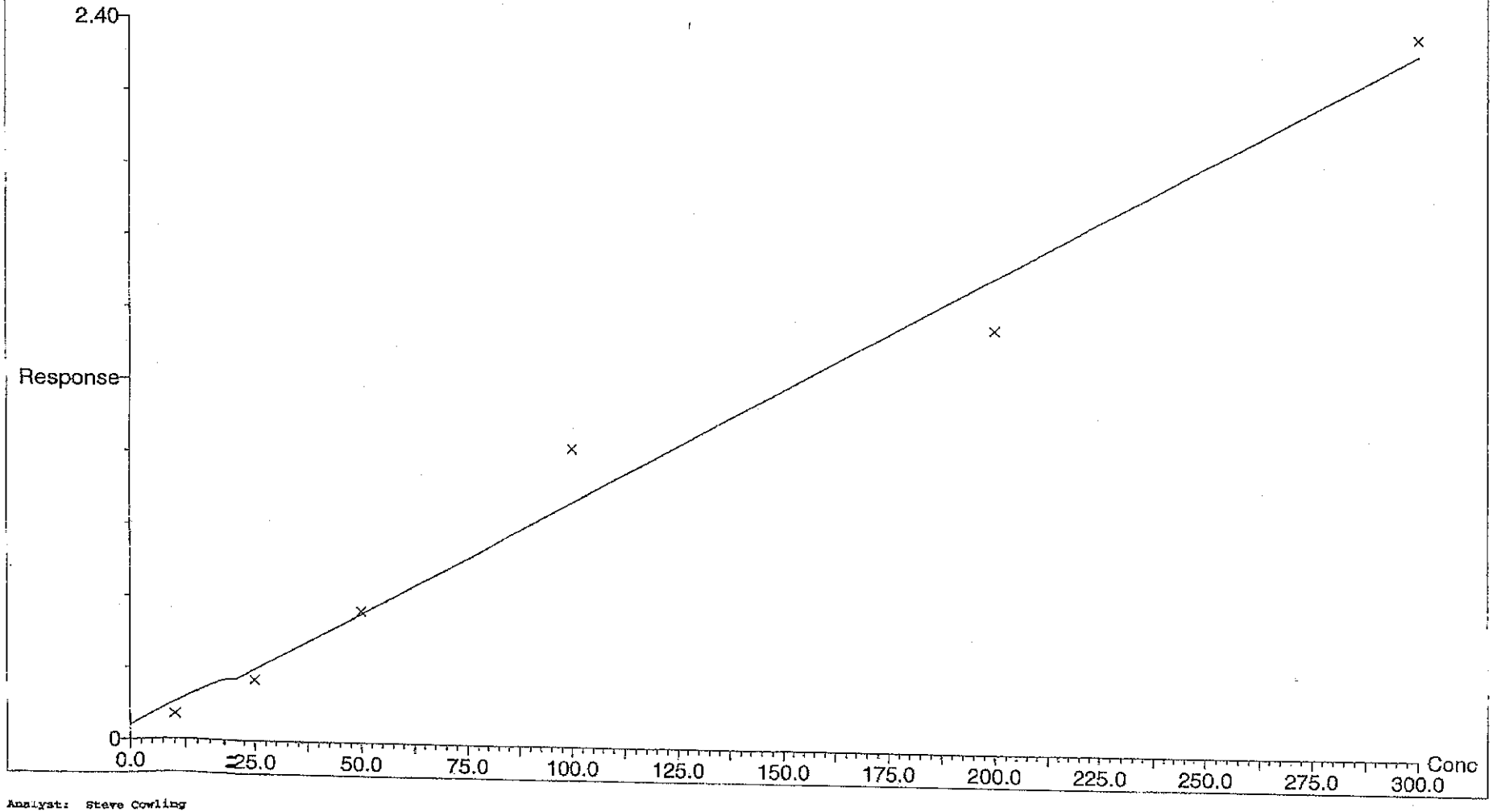
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 5 name: Tetryl Method File: ex25i10
Correlation coefficient: r = 0.991280, r^2 = 0.982635 r>0.990 ok!
Calibration curve: 0.00765360 * x + 0.0466301
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



Analyst: Steve Cowling

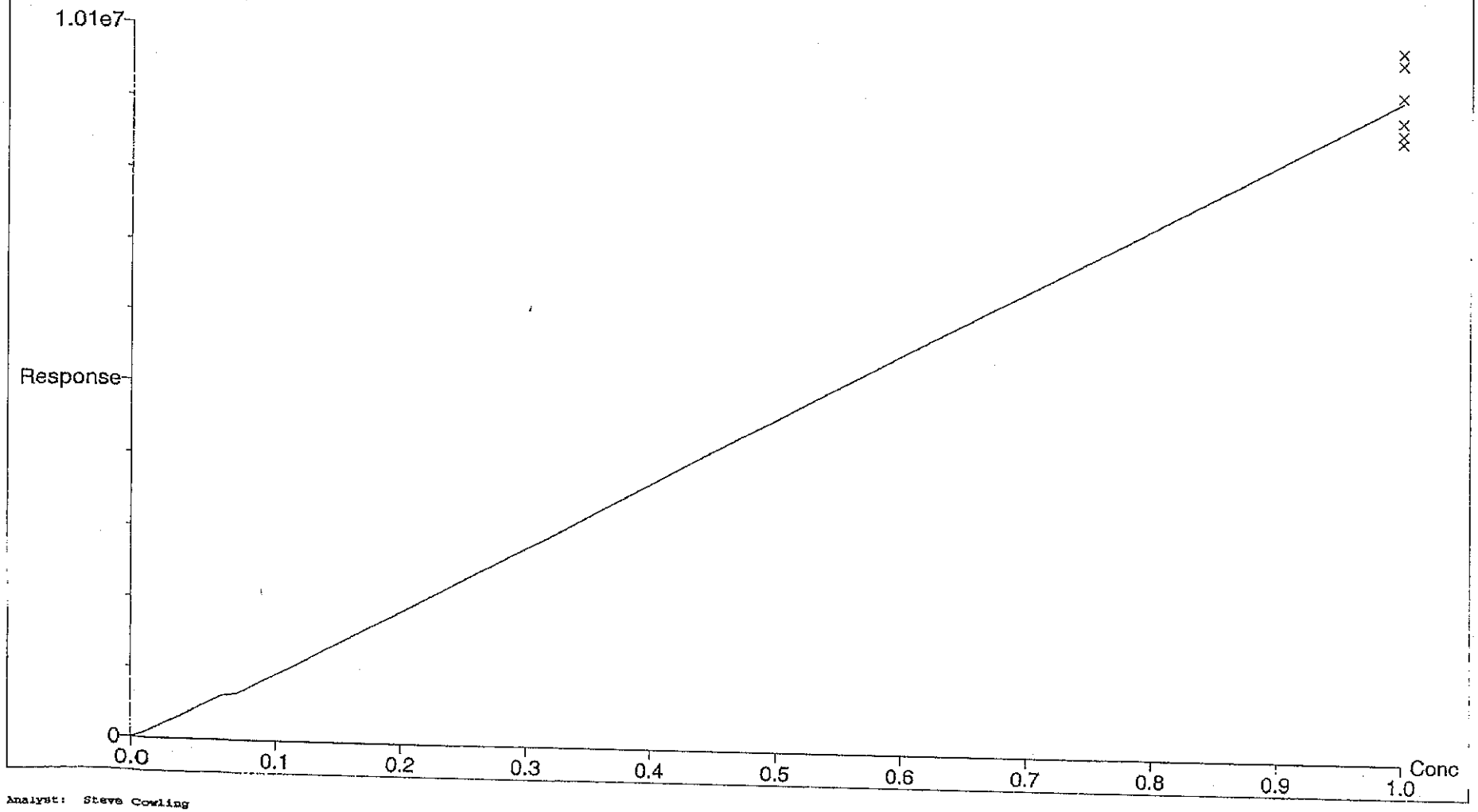
Quantify Calibration Report
Explosives Analysis

Calibration: C:\MassLynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L)
DF = Dilutions after extraction (L/L)
Vf = Final volume at end of extraction (L)
Vs = Size of sample Extracted (L or kg)

Compound 6 name: Dinitrobenzene-d4 (IS) Method File: ex25i10
Response Factor: 9.4959e6
RRF SD: 525327, % Relative SD: 5.55926
Response type: External Std, Area
Curve type: RF



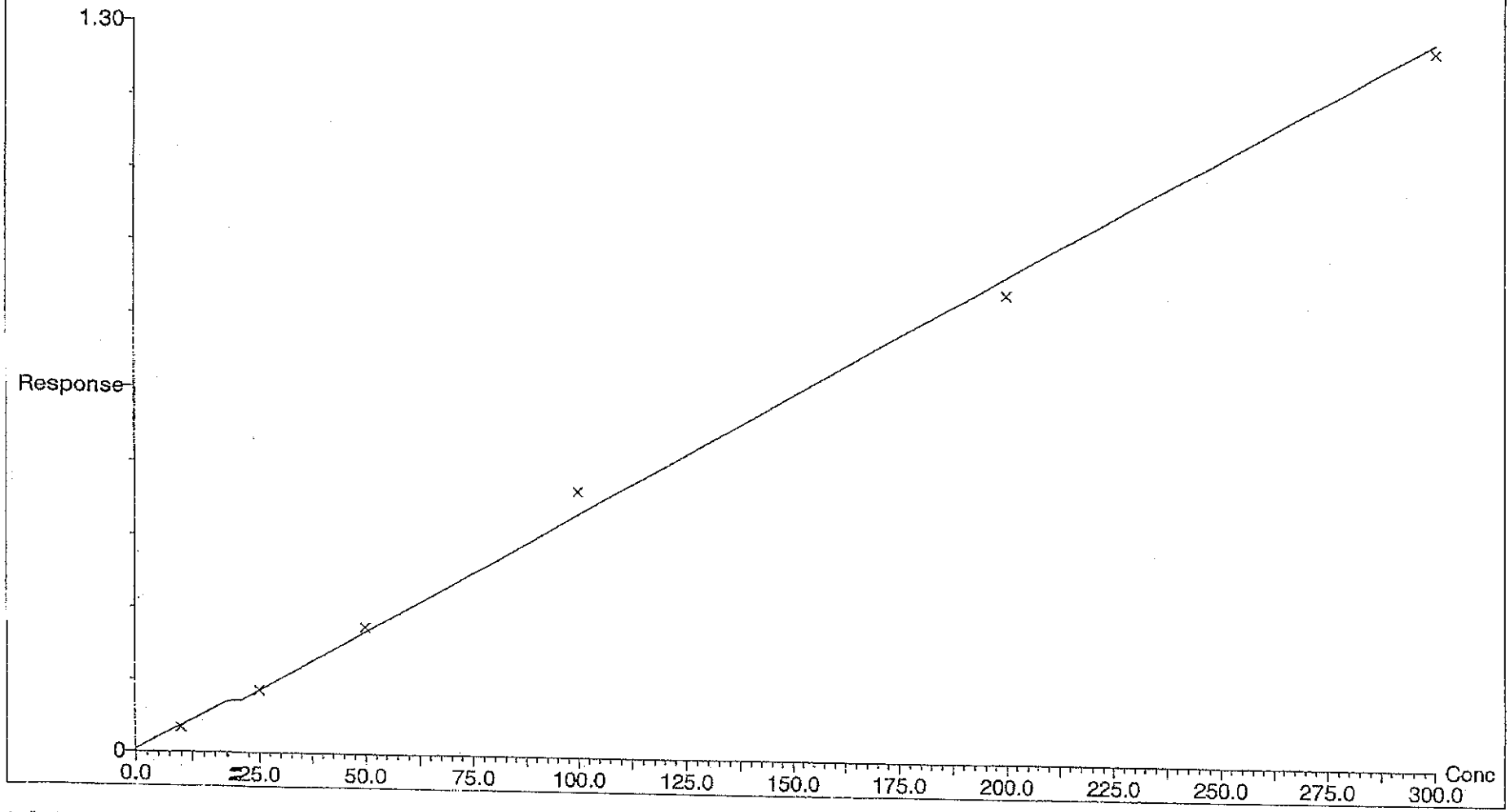
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 7 name: 1 ,3-Dinitrobenzene Method File: ex25i10
Coefficient of Determination: 0.997482
Calibration curve: 0.0430673 * x + 0.00377707
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



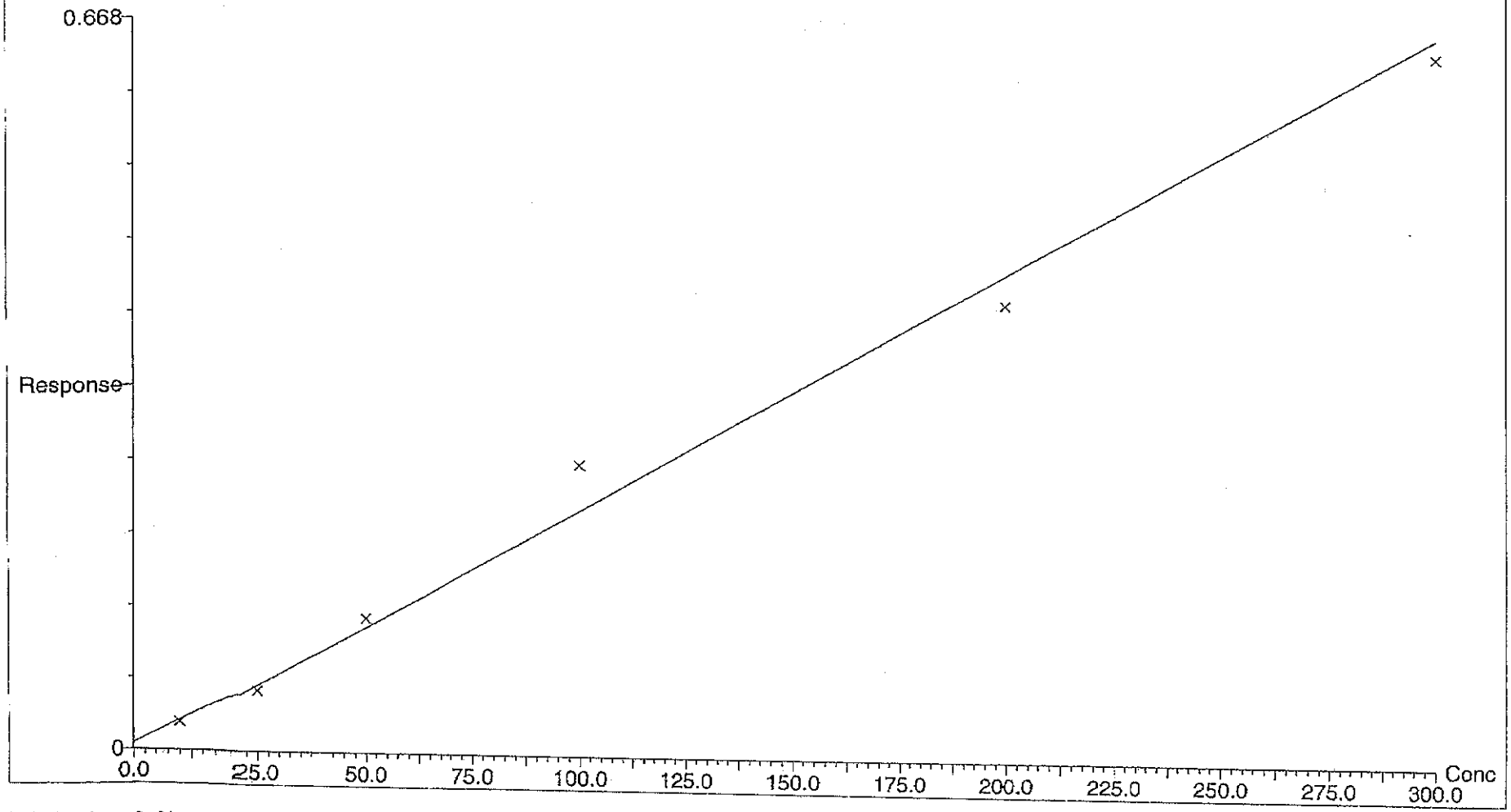
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 8 name: Nitrobenzene-d5 Method File: ex25i10
Coefficient of Determination: 0.990133
Calibration curve: 0.00220754 * x + 0.00542533
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

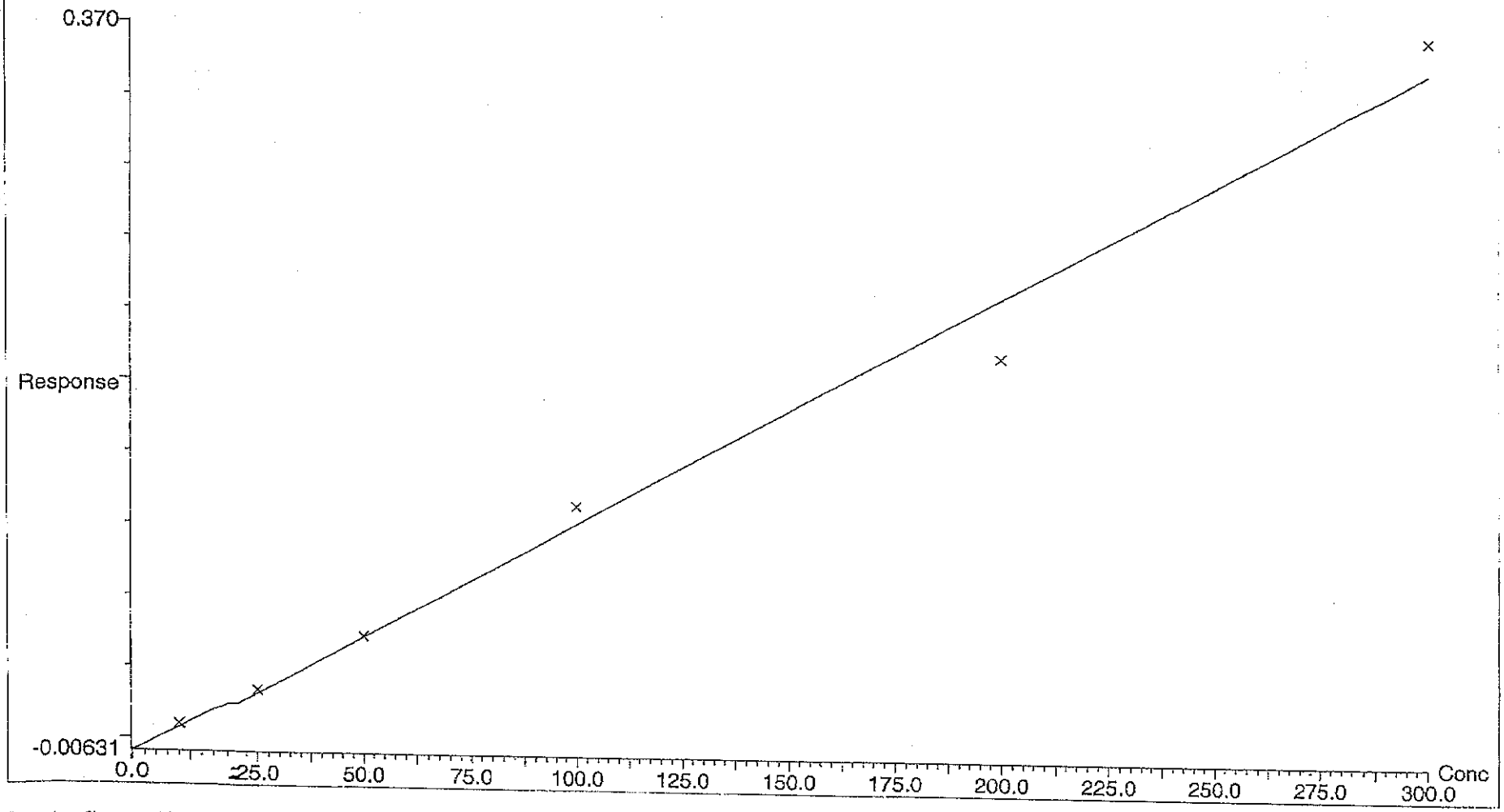
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 9 name: Nitroglycerin Method File: ex25i10
Correlation coefficient: r = 0.993088, r^2 = 0.986225
Calibration curve: 0.00119833 * x + -0.00631435
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None

$r > 0.990$ ok)



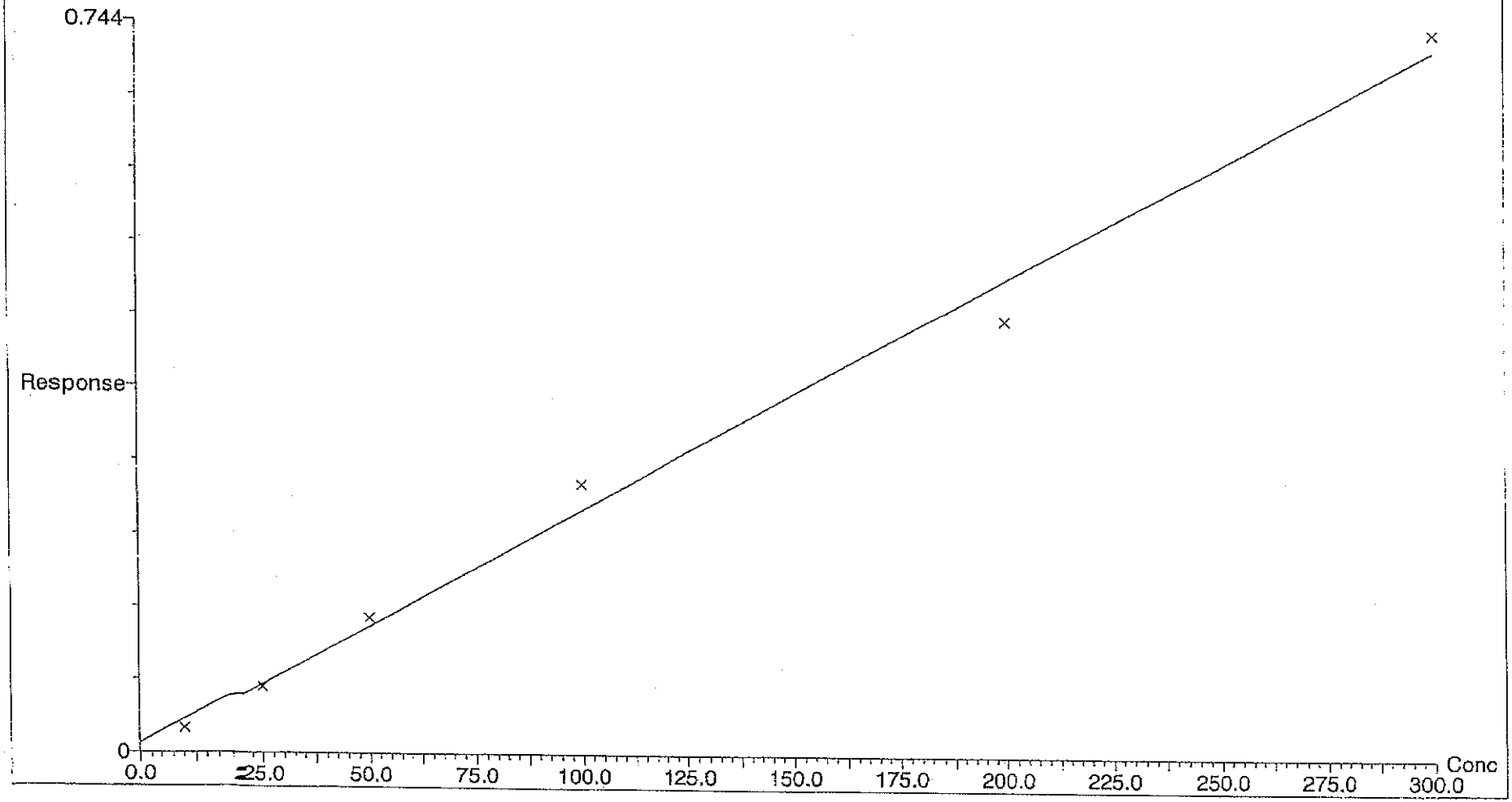
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 10 name: Nitrobenzene Method File: ex25i10
Correlation coefficient: r = 0.996030, r^2 = 0.992075
Calibration curve: 0.00238878 * x + 0.00949031
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



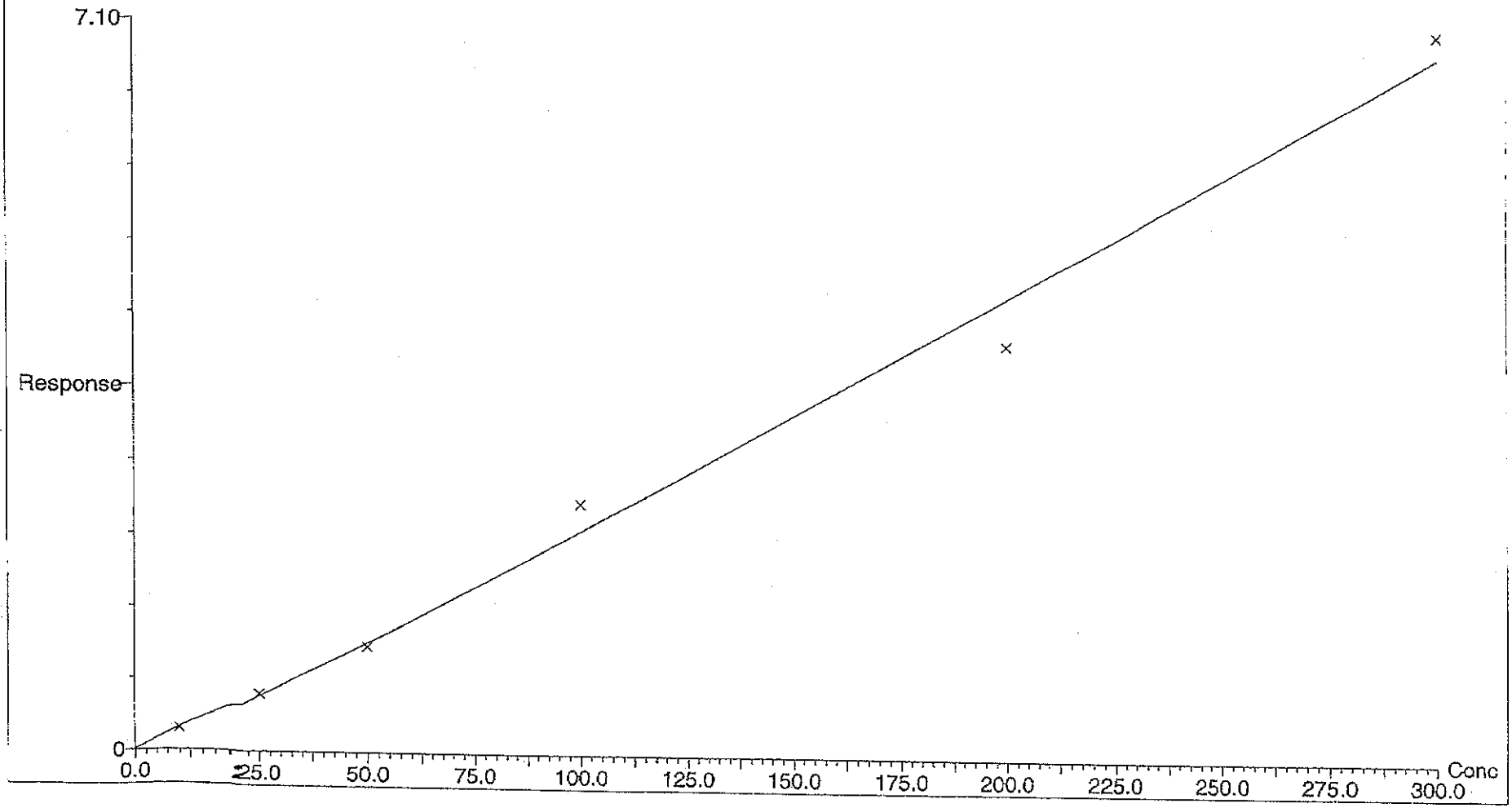
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 11 name: 2,4,6-Trinitrotoluene Method File: ex25i10
Coefficient of Determination: 0.990349
Calibration curve: 5.23021e-6 * x^2 + 0.0213445 * x + 0.00689731
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



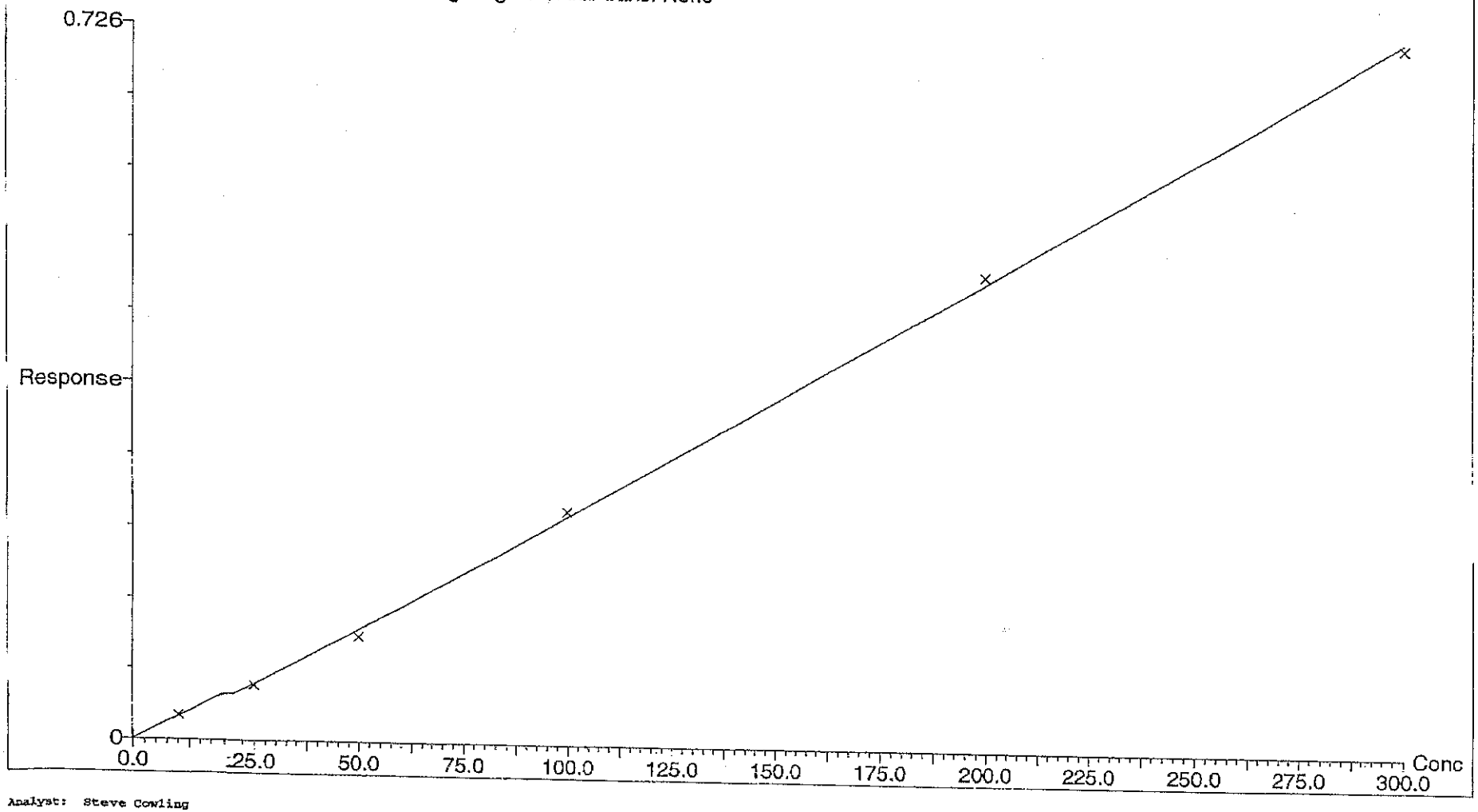
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 12 name: 4-Amino-2,6-dinitrotoluene Method File: ex25i10
Coefficient of Determination: 0.999541
Calibration curve: 4.85869e-7 * x^2 + 0.00227103 * x + 0.000636309
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



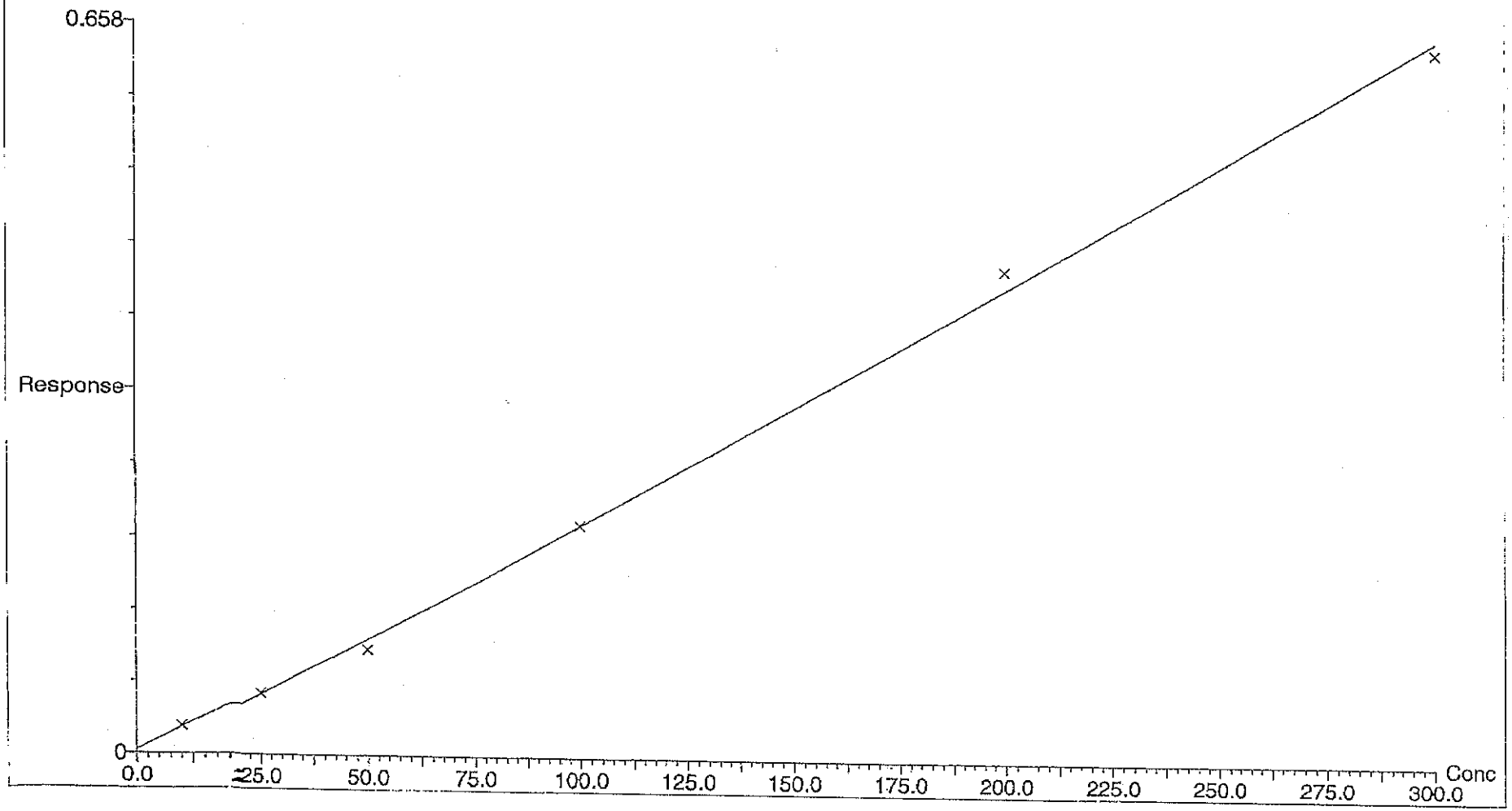
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\HExplosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 13 name: 2-Amino-4,6-dinitrotoluene Method File: ex25i10
Coefficient of Determination: 0.998428
Calibration curve: 5.72163e-7 * x^2 + 0.00200917 * x + 0.00328628
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



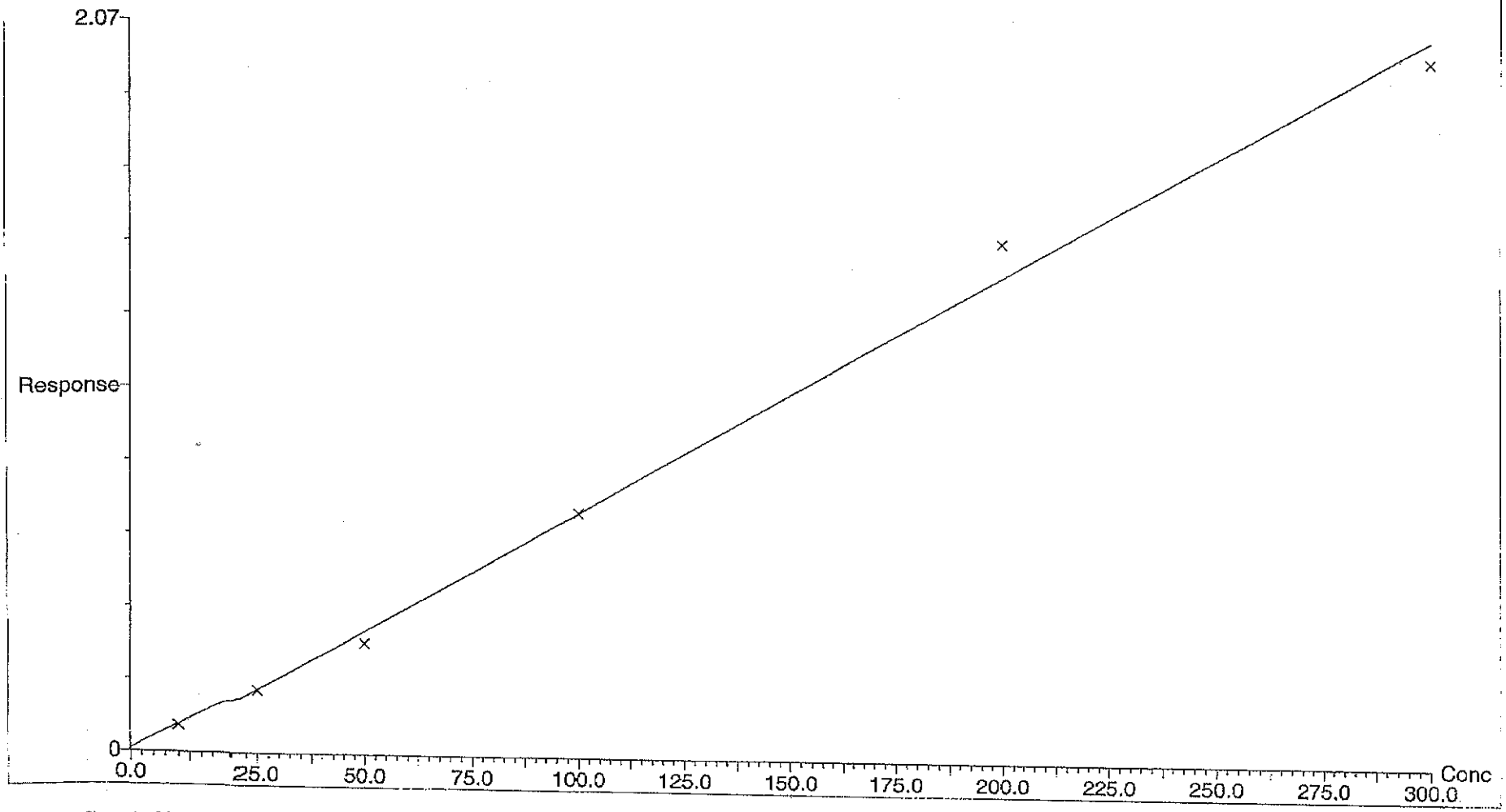
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 14 name: 2,6-Dinitrotoluene Method File: ex25i10
Correlation coefficient: r = 0.997702, r^2 = 0.995409
Calibration curve: 0.00688391 * x + 0.00770910
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



Analyst: Steve Cowling

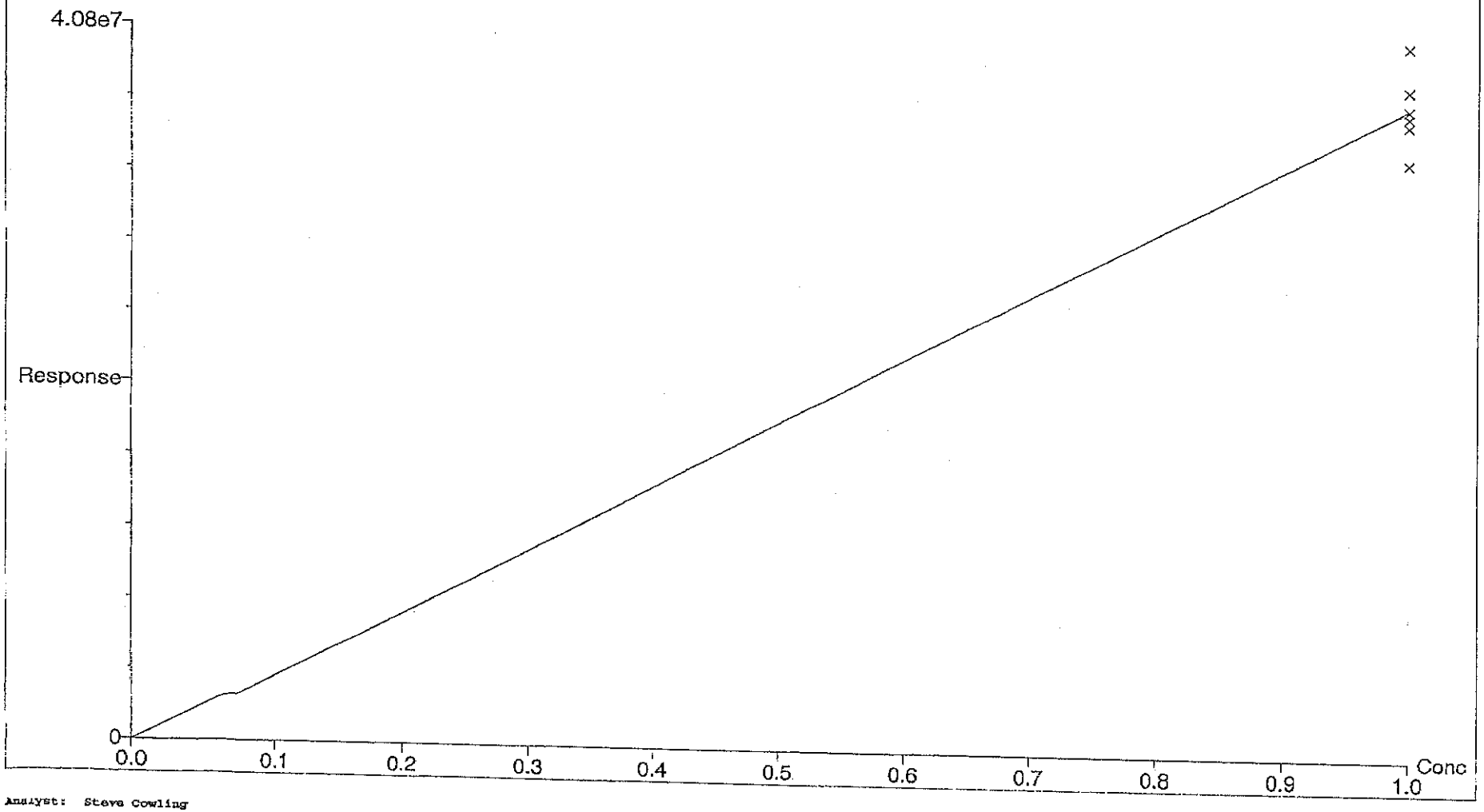
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 15 name: 2,4-Dinitrotoluene-d3 (IS)
Response Factor: 3.72950e7
RRF SD: 2.20382e6, % Relative SD: 5.90914
Response type: External Std, Area
Curve type: RF
Method File: ex25i10



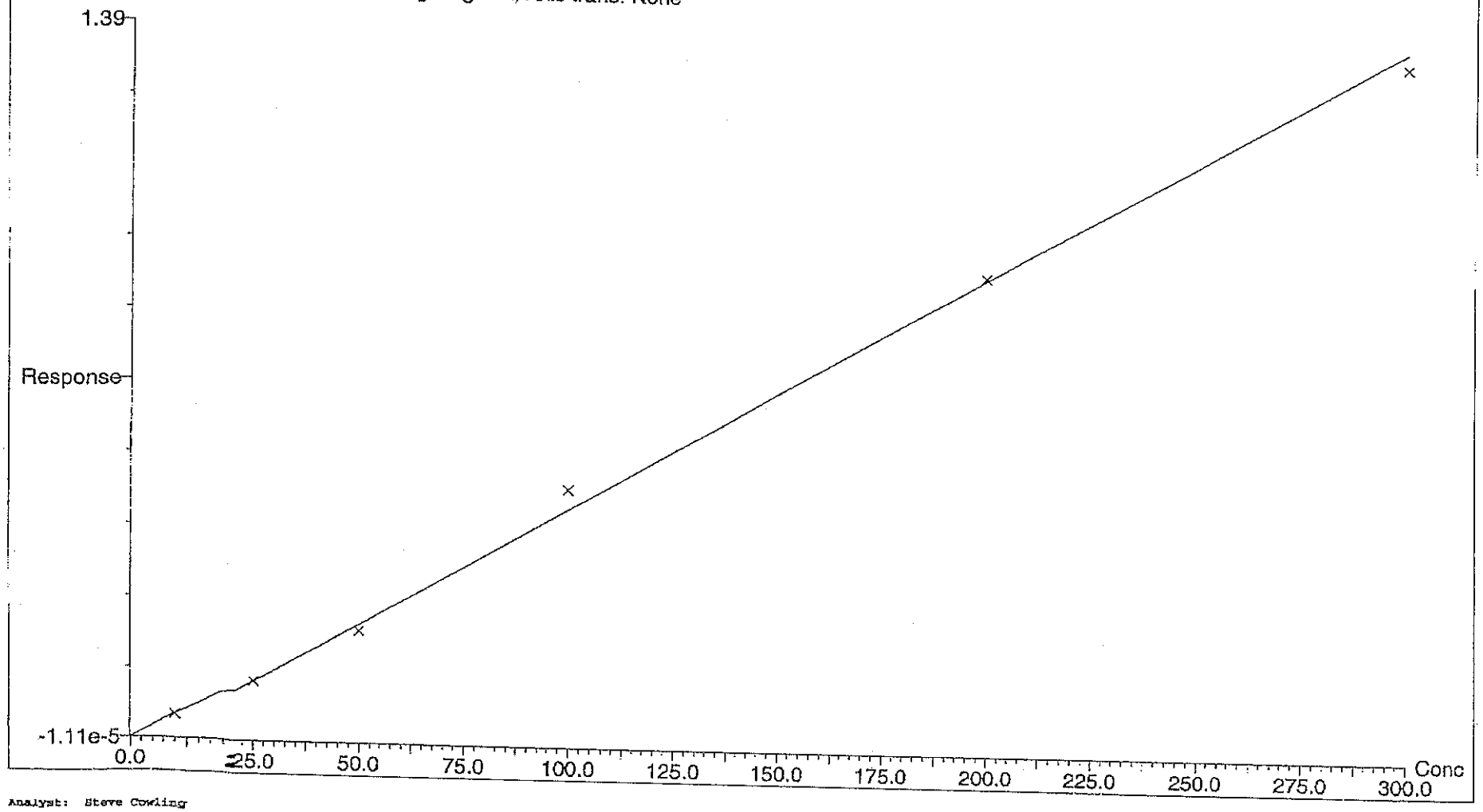
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 16 name: 2,4-Dinitrotoluene Method File: ex25i10
Coefficient of Determination: 0.998076
Calibration curve: 0.00463526 * x + -1.10551e-5
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



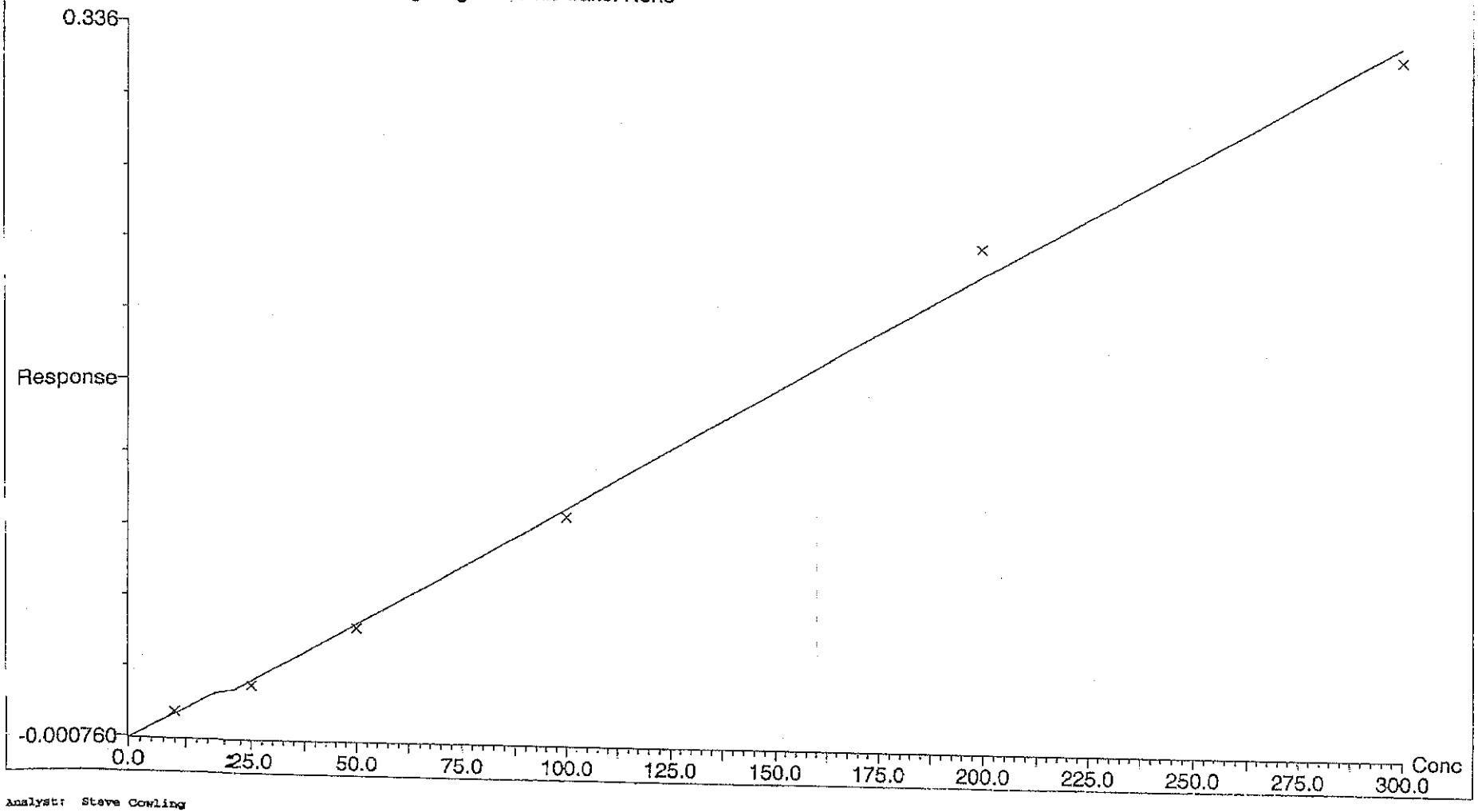
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\MassLynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 17 name: 2-Nitrotoluene Method File: ex25i10
Coefficient of Determination: 0.997008
Calibration curve: 0.00112109 * x + -0.000760254
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



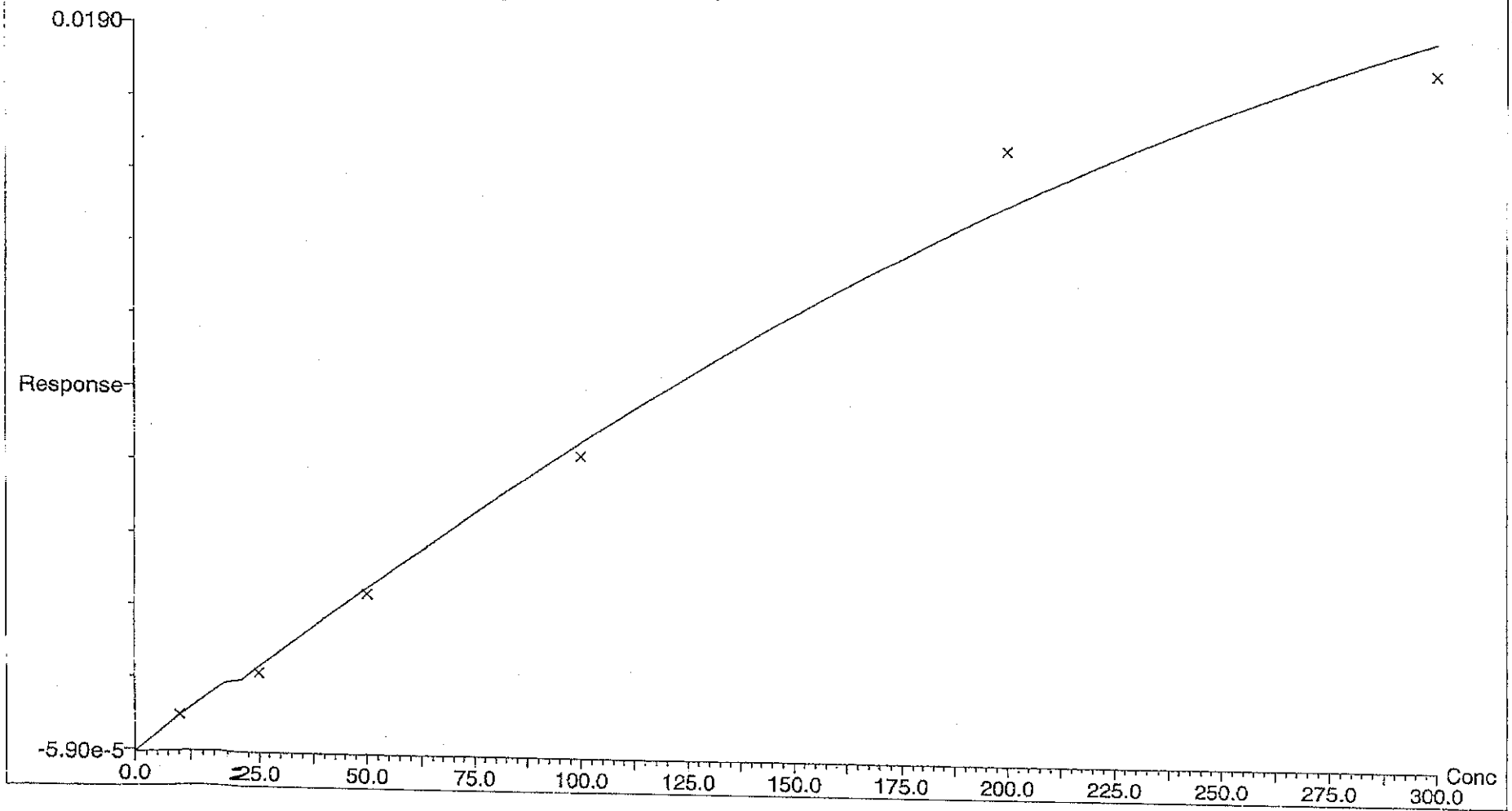
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 09:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 18 name: PETN Method File: ex25i10
Coefficient of Determination: 0.990774
Calibration curve: -9.45175e-8 * x^2 + 9.20387e-5 * x + -5.90038e-5
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



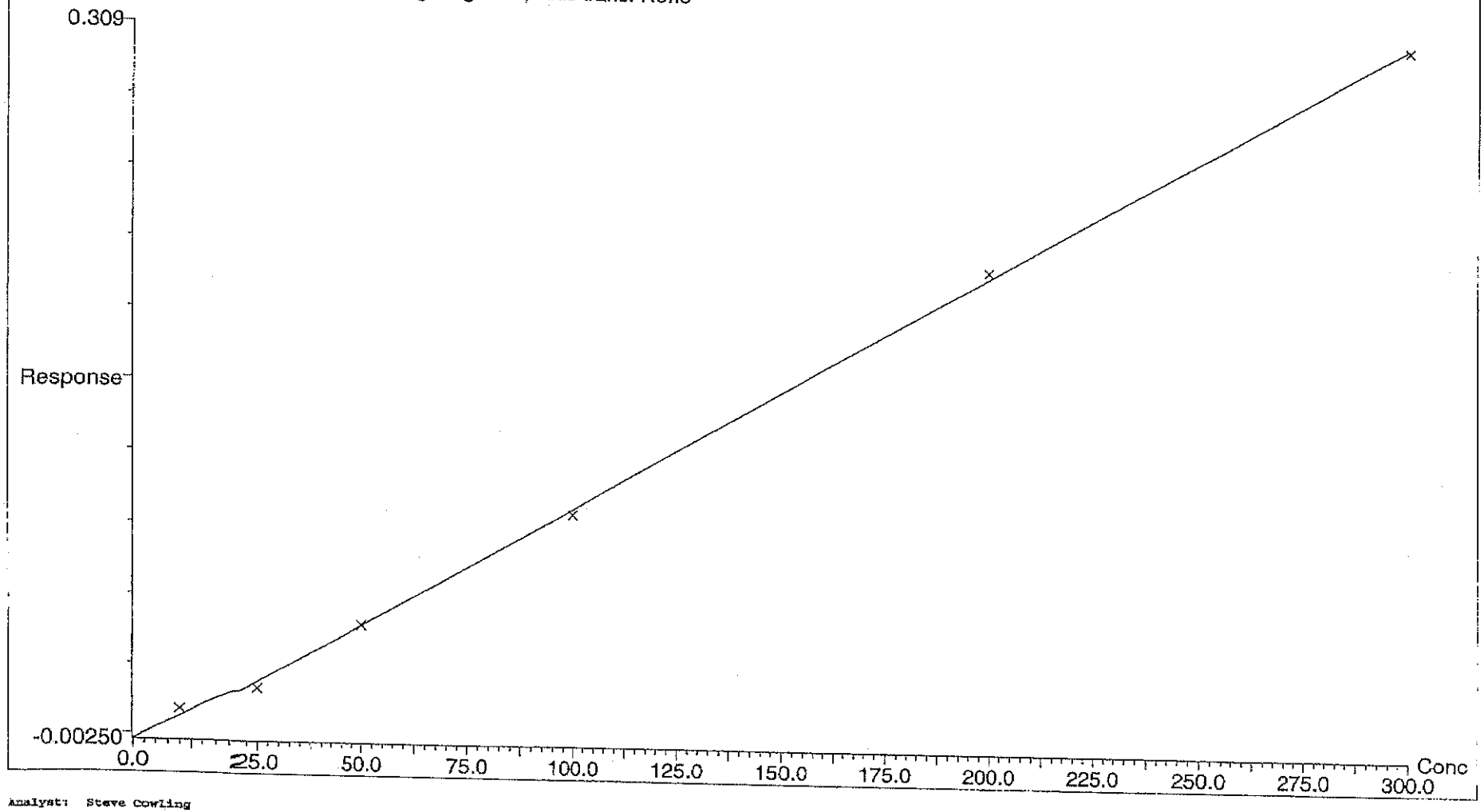
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last Modified: Mon Sep 12 08:55:28 2005
Printed: Mon Sep 12 12:43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 19 name: 4-Nitrotoluene Method File: ex25i10
Correlation coefficient: r = 0.999776, r^2 = 0.999553
Calibration curve: 0.0103807 * x + -0.00249706
Response type: Internal Std (Ret 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



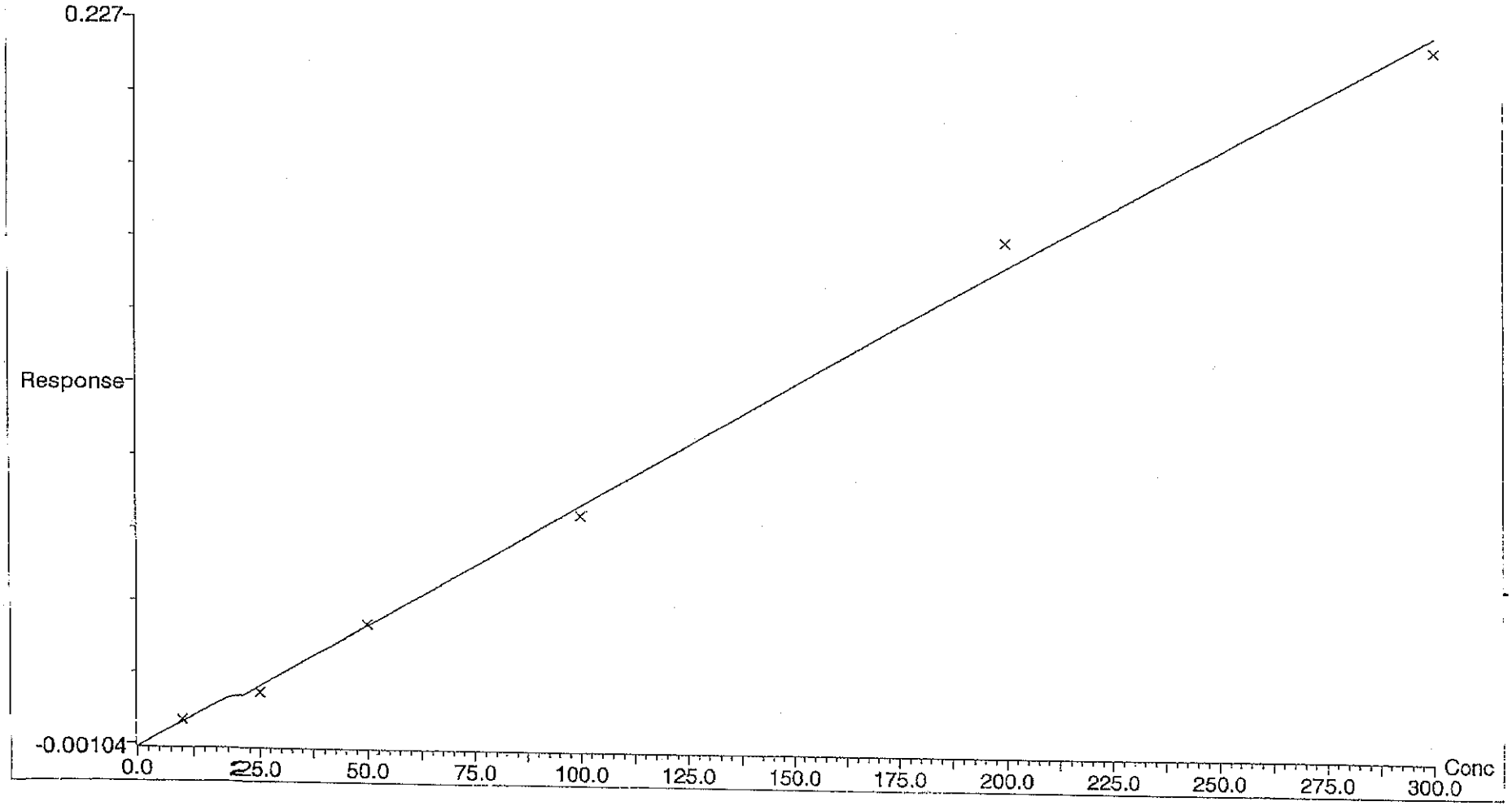
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\Explosives.PRO\CurveDB\ex25i10
Last modified: Mon Sep 12 08 :55:28 2005
Printed: Mon Sep 12 12 :43:57 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 20 name: 3-Nitrotoluene Method File: ex25i10
Coefficient of Determination: 0.997348
Calibration curve: -7.42003e-8 * x^2 + 0.000781785 * x + -0.00104472
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

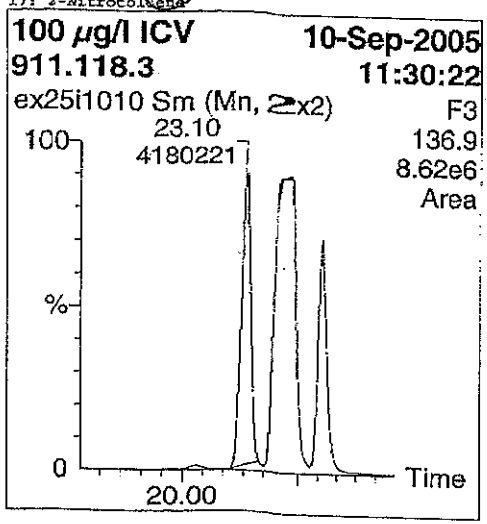
Quantify Sample Report
Explosives Analysis

Sample List: C:\MassLynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12:42:23 2005
Method: C:\MassLynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11:21:31 2005
Job Code:

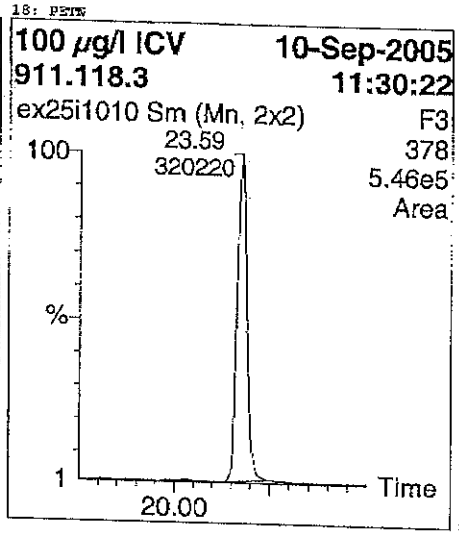
Printed: Mon Sep 12 12:44:04 2005

Name: ex25i1010
Text: 100 µg/l ICV

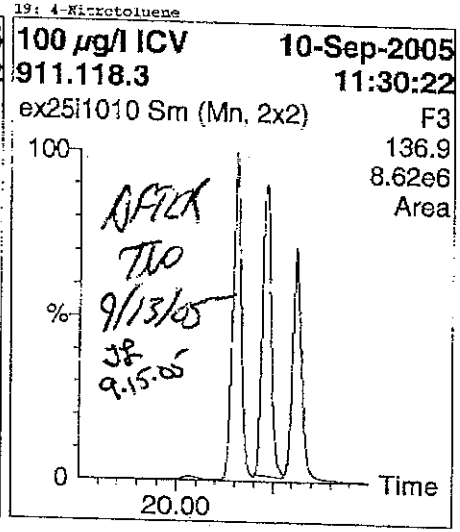
17: 2-Nitrotoluene



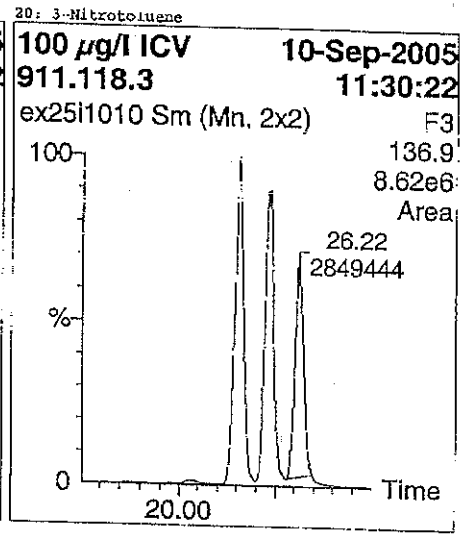
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.23	2501375	5124377	0.488	bs	91.683	91.68		
2	RDX 13C-3 284 (IS)	9.85	5124377		5124376..	bb	0.994	99.42		
3	RDX	9.85	1300954	5124377	0.254	bb	88.886	88.89		
4	1,3,5-Trinitrobenzene	12.56	4319707	9626304	0.449	bb	98.329	98.33		
5	Tetryl	14.35	9855128	9626304	1.024	bd	127.671	127.67		
6	Dinitrobenzene-d4 (IS)	14.75	9626304		9626304..	bb	1.019	101.87		
7	1,3-Dinitrobenzene	14.89	3731383	9626304	0.388	bb	89.127	89.13		
8	Nitrobenzene-d5	15.86	2692707	9626304	0.280	bb	124.255	124.26		
9	Nitroglycerin	15.67	1115990	9626304	0.116	ds	102.014	102.01		
10	Nitrobenzene	16.12	2250343	9626304	0.234	bb	93.889	93.89		
11	2,4,6-Trinitrotoluene	17.36	20279874	9626304	2.107	bb	96.114	96.11		
12	4-Amino-2,6-dinitrotoluene	18.27	8686735	38478392	0.226	dd	97.109	97.11		
13	2-Amino-4,6-dinitrotoluene	19.63	7902865	38478392	0.205	db	97.861	97.86		
14	2,6-Dinitrotoluene	19.78	28424884	38478392	0.739	bd	106.192	106.19		
15	2,4-Dinitrotoluene-d3 (IS)	20.56	38478392		3847839..	dd	1.032	103.17		
16	2,4-Dinitrotoluene	20.76	16262691	38478392	0.423	dd	91.183	91.18		
17	2-Nitrotoluene	23.10	4180221	38478392	0.109	bb	97.582	97.58		
18	PETN	23.59	320220	38478392	0.008	bb	101.677	101.68		
19	4-Nitrotoluene	24.68	4071279	38478392	0.106	MM	104.332	104.33	10-Sep-05	ends early
20	3-Nitrotoluene	26.22	2849444	38478392	0.074	bb	96.952	96.95		

± 30%.

Analyst: Steve Cowling

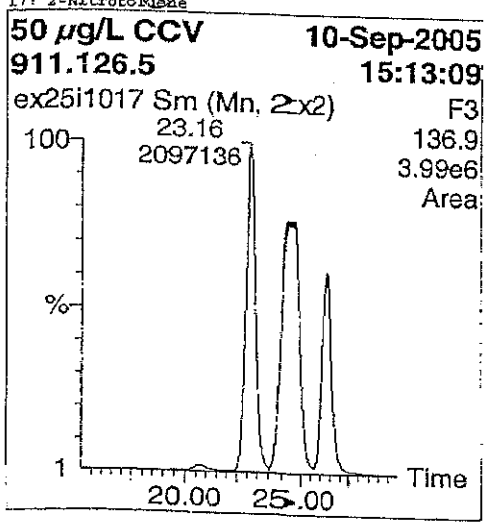
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12:42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11:21:31 2005
Job Code:

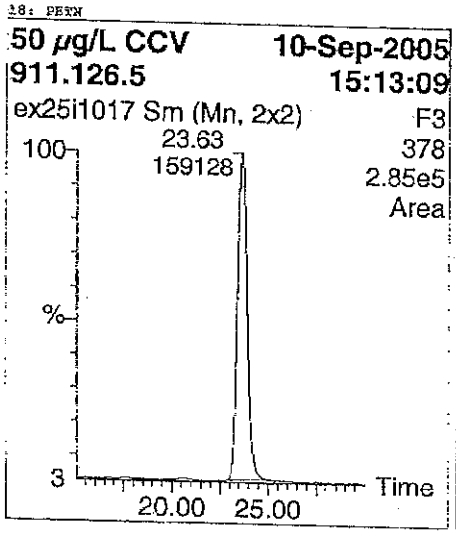
Printed: Mon Sep 12 12:44:04 2005

Name: ex25i1017
Text: 50 µg/L CCV

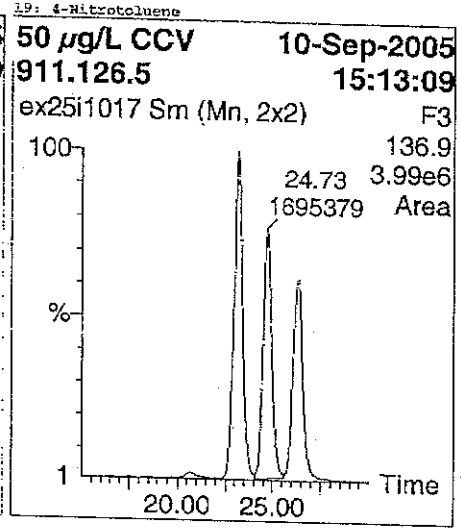
17: 2-Nitrotoluene



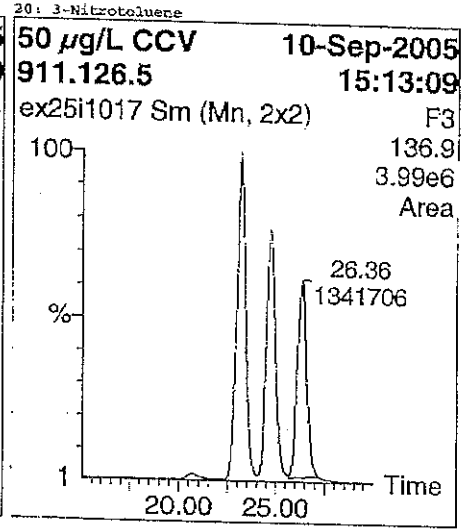
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.23	1501080	5194328	0.289	bs	50.982	101.96		
2	RDX 13C-3 284 (IS)	9.86	5194328		5194327..	bb	1.008	100.77		
3	RDX	9.88	727308	5194328	0.140	bb	48.463	96.93		
4	1,3,5-Trinitrobenzene	12.56	2011266	9202860	0.219	bb	47.869	95.74		
5	Tetryl	14.35	4136068	9202860	0.449	dd	52.629	105.26		
6	Dinitrobenzene-d4 (IS)	14.75	9202860		9202860..	bb	0.974	97.39		
7	1,3-Dinitrobenzene	14.95	2035772	9202860	0.221	bb	50.487	100.97		
8	Nitrobenzene-d5	15.86	1065610	9202860	0.116	bb	49.995	99.99		
9	Nitroglycerin	15.67	431368	9202860	0.047	ds	44.385	88.77		
10	Nitrobenzene	16.19	1108763	9202860	0.120	bb	46.463	92.93		
11	2,4,6-Trinitrotoluene	17.42	9961305	9202860	1.082	bb	49.781	99.56		
12	4-Amino-2,6-dinitrotoluene	18.33	4240509	36846408	0.115	dd	49.864	99.73		
13	2-Amino-4,6-dinitrotoluene	19.63	4353602	36846408	0.118	dd	56.271	112.54		
14	2,6-Dinitrotoluene	19.78	12363596	36846408	0.336	bd	47.623	95.25		
15	2,4-Dinitrotoluene-d3 (IS)	20.63	36846408		36846408..	dd	0.988	98.80		
16	2,4-Dinitrotoluene	20.83	7663773	36846408	0.208	dd	44.874	89.75		
17	2-Nitrotoluene	23.17	2097136	36846408	0.057	dd	51.446	102.89		
18	PETN	23.63	159128	36846408	0.004	bb	50.146	100.29		
19	4-Nitrotoluene	24.73	1695379	36846408	0.046	dd	46.730	93.46		
20	3-Nitrotoluene	26.36	1341706	36846408	0.036	db	48.134	96.27		

± 30%

Analyst: Steve Cowling

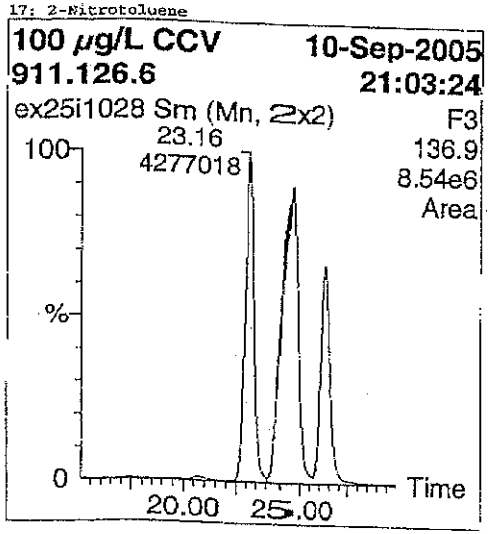
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12:42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11:21:31 2005
Job Code:

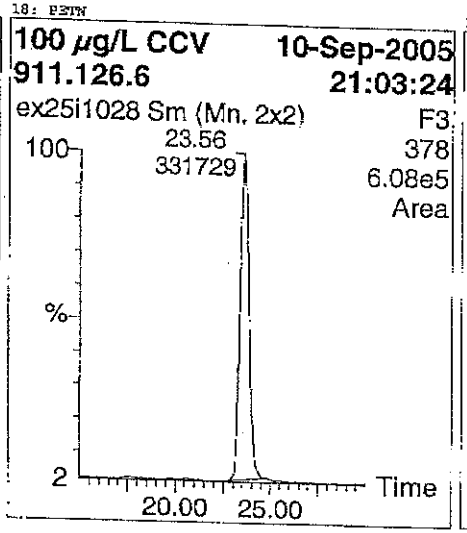
Printed: Mon Sep 12 12:44:04 2005

Name: ex25i1028
Text: 100 µg/L CCV

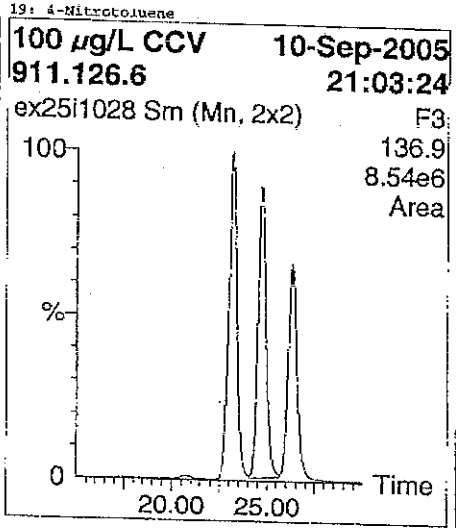
17: 2-Nitrotoluene



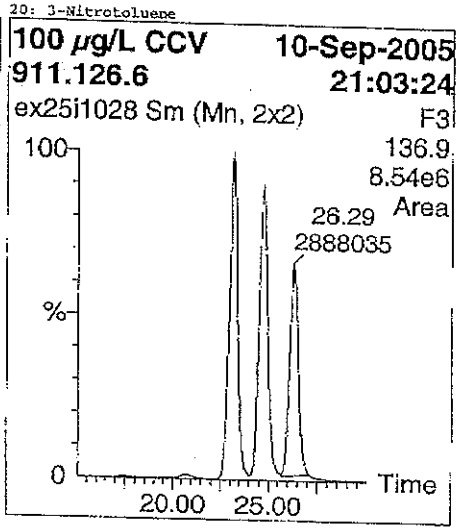
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.25	2723354	4953707	0.550	bs	105.758	105.76		
2	RDX 13C-3 284 (IS)	9.91	4953707		4953707..	bb	0.961	96.10		
3	RDX	9.91	1554637	4953707	0.314	bb	110.977	110.98		
4	1,3,5-Trinitrobenzene	12.56	4895897	9565686	0.512	bb	112.156	112.16		
5	Tecryl	14.35	8829270	9565686	0.923	dd	114.506	114.51		
6	Dinitrobenzene-d4 (IS)	14.82	9565686		9565686..	bb	1.012	101.23		
7	1,3-Dinitrobenzene	14.95	4334872	9565686	0.453	bb	104.346	104.35		
8	Nitrobenzene-d5	15.86	2232242	9565686	0.233	bb	103.252	103.25		
9	Nitroglycerin	15.67	976300	9565686	0.102	dd	99.440	90.44		
10	Nitrobenzene	16.19	2230971	9565686	0.233	bb	93.661	93.66		
11	2,4,6-Trinitrotoluene	17.42	24223036	9565686	2.532	bb	115.071	115.07		
12	4-Amino-2,6-dinitrotoluene	18.33	9526781	33537378.	0.284	dd	121.636	121.64		
13	2-Amino-4,6-dinitrotoluene	19.63	8427881	33537378	0.251	db	119.381	119.38		
14	2,6-Dinitrotoluene	19.78	26432026	33537378	0.788	bd	113.370	113.37		
15	2,4-Dinitrotoluene-d3 (IS)	20.63	33517378		33537378..	dd	0.899	89.92		
16	2,4-Dinitrotoluene	20.82	16189218	33537378	0.483	dd	104.144	104.14		
17	2-Nitrotoluene	23.16	4277018	33537378	0.128	bd	114.434	114.43		
18	PETN	23.56	331729	33537378	0.010	bb	123.866	123.87		
19	4-Nitrotoluene	24.70	3774148	33537378	0.113	dd	110.814	110.81		
20	3-Nitrotoluene	26.29	2888035	33537378	0.086	db	112.692	112.69		

Analyst: Steve Cowling

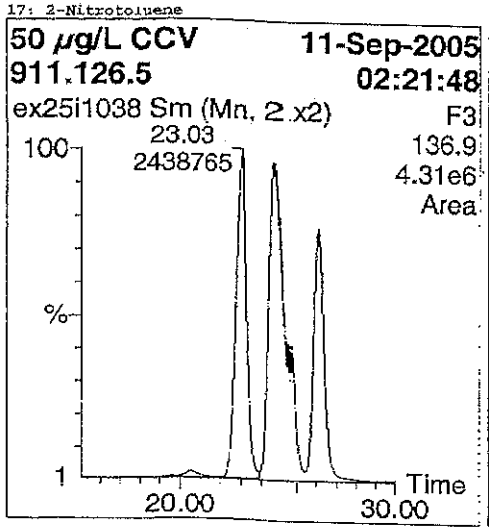
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12 :42:23 2005
Method: C:\Masslynx\Explosives.PRO\MathDB\ex25i10
Last modified: Mon Sep 12 11 :21:31 2005
Job Code:

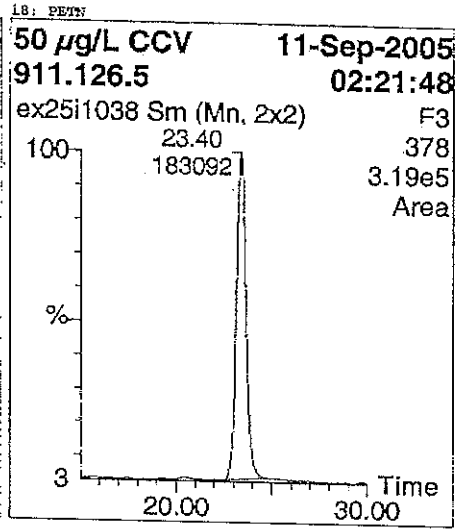
Printed: Mon Sep 12 12 :44:04 2005

Name: ex25i1038
Text: 50 µg/L CCV

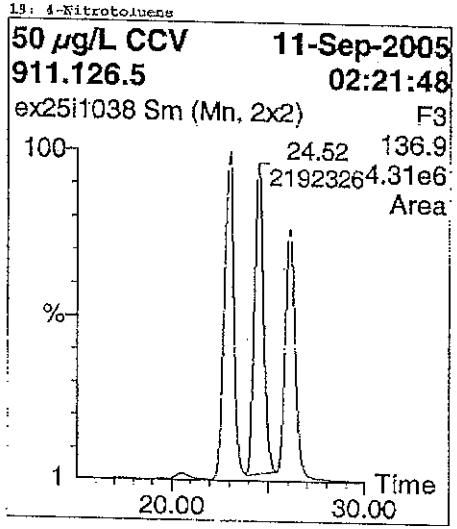
17: 2-Nitrotoluene



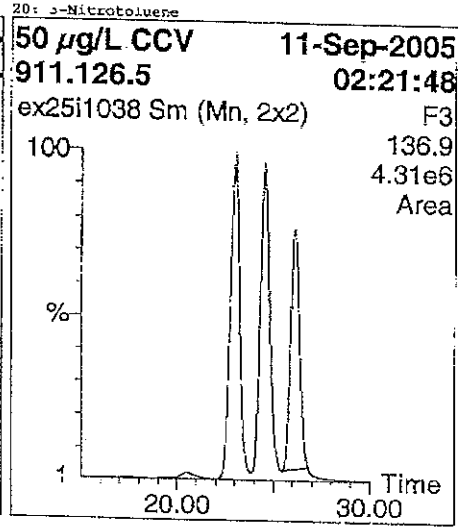
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.20	1793682	6763326	0.265	ds	46.510	93.02		
2	RDX 13C-3 284 (IS)	9.80	6763326		6763326..	bb	1.312	131.21		
3	RDX	9.80	940215	6763326	0.139	bb	48.115	96.23		
4	1,3,5-Trinitrobenzene	12.49	2607389	11541125	0.226	bb	49.486	98.97		
5	Tetryl	14.28	4628386	11541125	0.401	dd	46.306	92.61		
6	Dinitrobenzene-d4 (IS)	14.69	11541125		1154112..	bb	1.221	122.13		
7	1,3-Dinitrobenzene	14.82	2351578	11541125	0.204	bb	46.434	92.87		
8	Nitrobenzene-d5	15.73	1408171	11541125	0.122	bb	52.813	105.63		
9	Nitroglycerin	15.54	555481	11541125	0.049	ds	46.157	92.31		
10	Nitrobenzene	16.06	1372841	11541125	0.119	bb	45.823	91.65		
11	2,4,6-Trinitrotoluene	17.29	11484690	11541125	0.995	bb	45.785	91.57		
12	4-Amino-2,6-dinitrotolue ne	18.14	4674573	45200352	0.103	dd	44.828	89.66		
13	2-Amino-4,6-dinitrotolue ne	19.50	4546774	45200352	0.101	db	47.780	95.56		
14	2,6-Dinitrotoluene	19.65	15158754	45200352	0.335	bd	47.598	95.20		
15	2,4-Dinitrotoluene-d3 (I S)	20.50	45200352		4520035..	dd	1.212	121.20		
16	2,4-Dinitrotoluene	20.63	9150592	45200352	0.202	dd	43.677	87.35		
17	2-Nitrotoluene	23.03	2438765	45200352	0.054	dd	48.805	97.61		
18	PETN	23.40	183092	45200352	0.004	bb	46.912	93.82		
19	4-Nitrotoluene	24.52	2192326	45200352	0.049	dd	49.129	98.26		
20	3-Nitrotoluene	26.08	1710106	45200352	0.038	bb	49.968	99.94		

Analyst: Steve Cowling

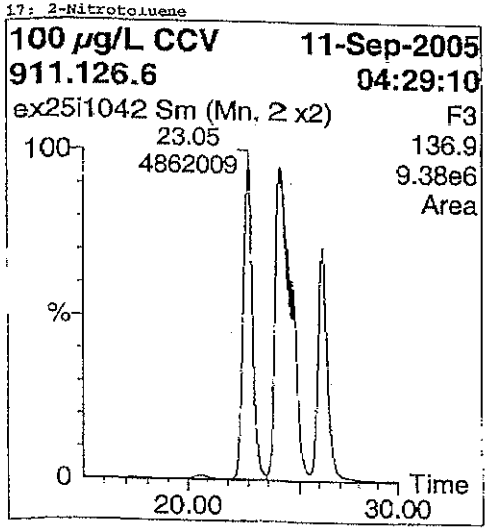
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12 :42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11 :21:31 2005
Job Code:

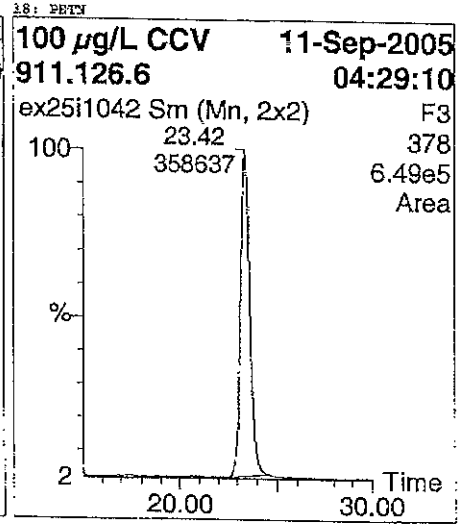
Printed: Mon Sep 12 12 :44:04 2005

Name: ex25i1042
Text: 100 µg/L CCV

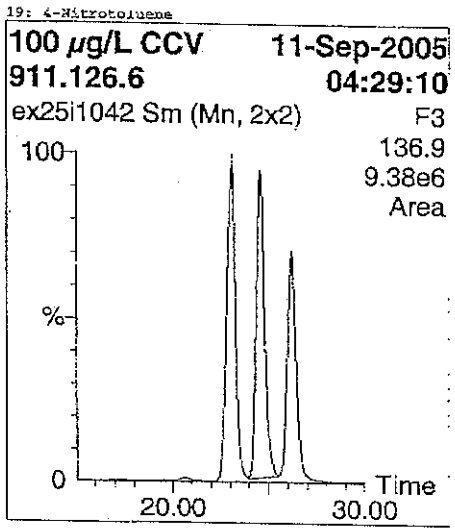
17: 2-Nitrotoluene



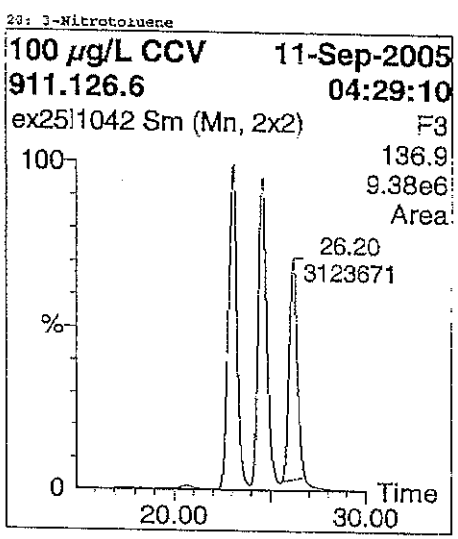
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.23	3097151	6126103	0.506	ds	95.580	95.58		
2	RDX 13C-3 284 (IS)	9.88	6126103		6126103..	bb	1.188	118.85		
3	RDX	9.88	1868700	6126103	0.305	bb	107.700	107.70		
4	1,3,5-Trinitrobenzene	12.56	5530716	10464203	0.529	bb	115.821	115.82		
5	Tetryl	14.28	9632833	10464203	0.921	dd	114.184	114.18		
6	Dinitrobenzene-d4 (IS)	14.75	10464203		1046420..	bb	1.107	110.74		
7	1,3-Dinitrobenzene	14.89	4915872	10464203	0.470	bb	108.203	108.20		
8	Nitrobenzene-d5	15.80	2884349	10464203	0.276	bb	122.405	122.41		
9	Nitroglycerin	15.60	1363781	10464203	0.130	ds	114.028	114.03		
10	Nitrobenzene	16.12	2920556	10464203	0.279	bb	112.865	112.87		
11	2,4,6-Trinitrotoluene	17.36	27179806	10464203	2.597	bb	117.957	117.96		
12	4-Amino-2,6-dinitrotoluene	18.20	10536783	40380676	0.261	dd	111.937	111.94		
13	2-Amino-4,6-dinitrotoluene	19.56	9769639	40380676	0.242	dd	115.914	115.91		
14	2,6-Dinitrotoluene	19.72	33265282	40380676	0.824	bd	118.549	118.55		
15	2,4-Dinitrotoluene-d3 (IS)	20.56	40380676		4038067..	dd	1.083	108.27		
16	2,4-Dinitrotoluene	20.69	19979024	40380676	0.495	dd	106.742	106.74		
17	2-Nitrotoluene	23.05	4862009	40380676	0.120	bd	108.078	108.08		
18	PETN	23.42	358637	40380676	0.009	bb	109.436	109.44		
19	4-Nitrotoluene	24.59	4396664	40380676	0.109	dd	107.293	107.29		
20	3-Nitrotoluene	26.20	3123671	40380676	0.077	bb	101.257	101.26		

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12 :42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11 :21:31 2005
Job Code:

Printed: Mon Sep 12 12 :43:32 2005

Compound 2: RDX 13C-3 284 (T S) Sample List: ex25i10(2) Method File: ex25i10
Response Factor: 5.15452e6
RRF SD: 611278, % Relative SD: 11.8591
Response type: External Std, Area
Curve type: RF

50-200%

#	Name	ID	S	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result(µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i1001	911.126.1	b	lank	Blank		9.85	5122714		0	5122713.500	bb	0.994	99.4	1.000	1.000	1.00	50	ex25i10
2	ex25i1002	911.126.2	S	µg/L	QC	1.00	9.83	5407214		0	5407214.000	bb	1.049	104.9	1.000	1.000	1.00	50	ex25i10
3	ex25i1003	911.126.3	1	0 µg/L	Standard	1.00	9.83	5920263		0	5920263.000	bb	1.149	114.9	1.000	1.000	1.00	50	ex25i10
4	ex25i1004	911.126.4	2	5 µg/L	Standard	1.00	9.83	5888669		0	5888669.000	bb	1.142	114.2	1.000	1.000	1.00	50	ex25i10
5	ex25i1005	911.126.5	5	0 µg/L	Standard	1.00	9.80	5126495		0	5126494.500	bb	0.995	99.5	1.000	1.000	1.00	50	ex25i10
6	ex25i1006	911.126.6	1	00 µg/L	Standard	1.00	9.88	4777947		0	4777946.500	bb	0.927	92.7	1.000	1.000	1.00	50	ex25i10
7	ex25i1007	911.126.7	2	00 µg/L	Standard	1.00	9.88	4590683		0	4590683.000	bb	0.891	89.1	1.000	1.000	1.00	50	ex25i10
8	ex25i1008	911.126.8	3	00 µg/L	Standard	1.00	9.83	4623051		0	4623051.000	bb	0.897	89.7	1.000	1.000	1.00	50	ex25i10
9	ex25i1009	911.126.1	b	lank	Blank		9.88	5156821		0	5156821.000	bb	1.000	100.0	1.000	1.000	1.00	50	ex25i10
10	ex25i1010	911.118.3	1	00 µg/l ICV	QC	1.00	9.85	5124377		0	5124376.500	bb	0.994	99.4	1.000	1.000	1.00	50	ex25i10
11	ex25i1017	911.126.5	S	0 µg/L CCV	QC	1.00	9.88	5194328		0	5194327.500	bb	1.008	100.8	1.000	1.000	1.00	50	ex25i10
12	ex25i1018	HJHG11AA	R	5H300000-085 MB	Blank		9.96	4518025		0	4518025.000	bb	0.877	87.7	5.000	1000.000	1.00	50	ex25i10
13	ex25i1019	HJHG11AC	R	5H300000-085 LCS	QC	1.00	9.96	4170244		0	4170244.250	bb	0.809	80.9	5.000	1000.000	1.00	50	ex25i10
14	ex25i1020	HJDD91AA	D	5H260313-1	Analyte		9.96	4193072		0	4193071.500	bb	0.813	81.3	5.000	1028.000	1.00	50	ex25i10
15	ex25i1021	HJDEC1AA	D	5H260313-2	Analyte		9.96	4367250		0	4367249.500	bb	0.847	84.7	5.000	1054.000	1.00	50	ex25i10
16	ex25i1022	HJDFM1AA	D	5H260313-3	Analyte		9.96	4242292		0	4242291.500	bb	0.823	82.3	5.000	1058.000	1.00	50	ex25i10
17	ex25i1023	HJDFP1AA	D	5H260313-4	Analyte		9.96	4154605		0	4154605.250	bb	0.806	80.6	5.000	1051.000	1.00	50	ex25i10
18	ex25i1024	HJDFV1AA	D	5H260313-5	Analyte		9.96	4300501		0	4300500.500	bb	0.834	83.4	5.000	1040.000	1.00	50	ex25i10
19	ex25i1025	HJDF01AA	D	5H260313-6	Analyte		9.93	4426108		0	4426107.500	bb	0.859	85.9	5.000	1044.000	1.00	50	ex25i10
20	ex25i1026	HJDF51AA	D	5H260313-7	Analyte		9.93	4467265		0	4467264.500	bb	0.867	86.7	5.000	1060.000	1.00	50	ex25i10
21	ex25i1027	HJDF71AA	D	5H260313-8	Analyte		9.93	4918063		0	4918062.500	bb	0.954	95.4	5.000	1042.000	1.00	50	ex25i10
22	ex25i1028	911.126.5	1	00 µg/L CCV	QC	1.00	9.91	4953707		0	4953707.000	bb	0.961	96.1	1.000	1.000	1.00	50	ex25i10
23	ex25i1029	HJDGA1AA	D	5H260313-9	Analyte		9.93	5036492		0	5036492.000	bb	0.977	97.7	5.000	1041.000	1.00	50	ex25i10
24	ex25i1030	HJDGB1AA	D	5H260313-10	Analyte		9.91	4899458		0	4899457.500	bb	0.951	95.1	5.000	1040.000	1.00	50	ex25i10
25	ex25i1031	HJDGL1AA	D	5H260313-11	Analyte		9.91	4789606		0	4789605.500	bb	0.929	92.9	5.000	1018.000	1.00	50	ex25i10
26	ex25i1032	HJDGN1AA	D	5H260313-12	Analyte		9.91	5075515		0	5075514.500	bb	0.985	98.5	5.000	1052.000	1.00	50	ex25i10
27	ex25i1033	HJDGQ1AA	D	5H260313-13	Analyte		9.91	5216554		0	5216554.000	bb	1.012	101.2	5.000	1056.000	1.00	50	ex25i10
28	ex25i1034	HJDGR1AA	D	5H260313-14	Analyte		9.91	5752270		0	5752270.000	bb	1.116	111.6	5.000	1010.000	1.00	50	ex25i10
29	ex25i1035	HJDGX1AA	D	5H260313-15	Analyte		9.91	5747284		0	5747283.508	bb	1.115	111.5	5.000	1050.000	1.00	50	ex25i10
30	ex25i1036	HJDG11AA	D	5H260313-16	Analyte		9.91	5692946		0	5692945.500	bb	1.104	110.4	5.000	1039.000	1.00	50	ex25i10
31	ex25i1037	HJDG31AA	D	5H260313-17	Analyte		9.91	5833177		0	5833177.000	bb	1.132	113.2	5.000	1043.000	1.00	50	ex25i10
32	ex25i1038	911.126.5	S	0 µg/L CCV	QC	1.00	9.80	6763326		0	6763326.000	bb	1.312	131.2	1.000	1.000	1.00	50	ex25i10
33	ex25i1039	HJDG51AA	D	5H260313-18	Analyte		9.91	5793473		0	5793472.500	bb	1.124	112.4	5.000	1044.000	1.00	50	ex25i10
34	ex25i1040	HJDG51AC	D	5H260313-18 MS	QC	1.00	9.91	5400432		0	5400432.000	bb	1.048	104.8	5.000	1007.000	1.00	50	ex25i10
35	ex25i1041	HJDG51AD	D	5H260313-18 MSD	QC	1.00	9.91	5991322		0	5991322.000	bb	1.162	116.2	5.000	1049.000	1.00	50	ex25i10
36	ex25i1042	911.126.6	1	00 µg/L CCV	QC	1.00	9.88	6126103		0	6126103.000	bb	1.188	118.8	1.000	1.000	1.00	50	ex25i10

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12 :42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11 :21:31 2005
Job Code:

Printed: Mon Sep 12 12 :43:32 2005

Compound 6: Dinitrobenzene-d 4 (IS) Sample List: ex25i10(2) Method File: ex25i10
Response Factor: 9.44959e6
RRF SD: 525327, % Relative SD: 5.55926
Response type: External Std, Area
Curve type: RF

#	Name	ID	S	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result (µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i1001	911.126.1	b	lank	Blank		14.75	8950834		0	8950834.000	bb	0.947	94.7	1.000	1.000	1.00	50	ex25i10
2	ex25i1002	911.126.2	S	µg/L	QC	1.00	14.68	8172470		0	8172469.500	bb	0.865	86.5	1.000	1.000	1.00	50	ex25i10
3	ex25i1003	911.126.3	1	0 µg/L	Standard	1.00	14.68	9168309		0	9168309.000	bb	0.970	97.0	1.000	1.000	1.00	50	ex25i10
4	ex25i1004	911.126.4	2	5 µg/L	Standard	1.00	14.68	10146637		0	10146637...	bb	1.074	107.4	1.000	1.000	1.00	50	ex25i10
5	ex25i1005	911.126.5	5	0 µg/L	Standard	1.00	14.75	8994995		0	8994995.000	bb	0.952	95.2	1.000	1.000	1.00	50	ex25i10
6	ex25i1006	911.126.6	1	00 µg/L	Standard	1.00	14.75	8883876		0	8883876.000	bb	0.940	94.0	1.000	1.000	1.00	50	ex25i10
7	ex25i1007	911.126.7	2	00 µg/L	Standard	1.00	14.75	9981449		0	9981449.000	bb	1.056	105.6	1.000	1.000	1.00	50	ex25i10
8	ex25i1008	911.126.8	3	00 µg/L	Standard	1.00	14.68	9522300		0	9522300.000	bb	1.008	100.8	1.000	1.000	1.00	50	ex25i10
9	ex25i1009	911.126.1	b	lank	Blank		14.75	9063724		0	9063724.000	bb	0.959	95.9	1.000	1.000	1.00	50	ex25i10
10	ex25i1010	911.118.3	1	00 µg/l ICV	QC	1.00	14.75	9626304		0	9626304.000	bb	1.019	101.9	1.000	1.000	1.00	50	ex25i10
11	ex25i1017	911.126.5	S	0 µg/L CCV	QC	1.00	14.75	9202860		0	9202860.000	bb	0.974	97.4	1.000	1.000	1.00	50	ex25i10
12	ex25i1018	HJDEG11AA	R	5H300000-085 MB	Blank		14.89	7905432		0	7905431.500	bb	0.837	83.7	5.000	1000.000	1.00	50	ex25i10
13	ex25i1019	HJDKG11AC	R	5H300000-085 LCS	QC	1.00	14.89	9041154		0	9041154.000	bb	0.957	95.7	5.000	1000.000	1.00	50	ex25i10
14	ex25i1020	HJDD91AA	D	5H260313-1	Analyte		14.89	9196871		0	9196871.000	bb	0.973	97.3	5.000	1028.000	1.00	50	ex25i10
15	ex25i1021	HJDEC1AA	D	5H260313-2	Analyte		14.89	8335407		0	8335407.000	bb	0.882	88.2	5.000	1054.000	1.00	50	ex25i10
16	ex25i1022	HJDFM1AA	D	5H260313-3	Analyte		14.89	8260421		0	8268420.500	bb	0.874	87.4	5.000	1058.000	1.00	50	ex25i10
17	ex25i1023	HJDEP1AA	D	5H260313-4	Analyte		14.89	9055284		0	9055284.000	bb	0.958	95.8	5.000	1051.000	1.00	50	ex25i10
18	ex25i1024	HJDFV1AA	D	5H260313-5	Analyte		14.89	8484219		0	8484219.000	bb	0.898	89.8	5.000	1040.000	1.00	50	ex25i10
19	ex25i1025	HJDF01AA	D	5H260313-6	Analyte		14.89	8002963		0	8002963.000	bb	0.847	84.7	5.000	1044.000	1.00	50	ex25i10
20	ex25i1026	HJDF51AA	D	5H260313-7	Analyte		14.82	8208921		0	8209920.500	bb	0.869	86.9	5.000	1060.000	1.00	50	ex25i10
21	ex25i1027	HJDF71AA	D	5H260313-8	Analyte		14.82	8820517		0	8820517.000	bb	0.933	93.3	5.000	1042.000	1.00	50	ex25i10
22	ex25i1028	911.126.6	1	00 µg/L CCV	QC	1.00	14.82	9565686		0	9565686.000	bb	1.012	101.2	1.000	1.000	1.00	50	ex25i10
23	ex25i1029	HJDGA1AA	D	5H260313-9	Analyte		14.82	8831285		0	8831285.000	bb	0.935	93.5	5.000	1041.000	1.00	50	ex25i10
24	ex25i1030	HJDGE1AA	D	5H260313-10	Analyte		14.82	10604118		0	10604118...	bb	1.122	112.2	5.000	1040.000	1.00	50	ex25i10
25	ex25i1031	HJDGL1AA	D	5H260313-11	Analyte		14.75	10552816		0	10552816...	bb	1.117	111.7	5.000	1018.000	1.00	50	ex25i10
26	ex25i1032	HJDGN1AA	D	5H260313-12	Analyte		14.75	9367190		0	9367190.000	bb	0.991	99.1	5.000	1052.000	1.00	50	ex25i10
27	ex25i1033	HJDGQ1AA	D	5H260313-13	Analyte		14.75	9365631		0	9365631.000	bb	0.991	99.1	5.000	1056.000	1.00	50	ex25i10
28	ex25i1034	HJDGR1AA	D	5H260313-14	Analyte		14.75	9045284		0	9045284.000	bb	0.957	95.7	5.000	1010.000	1.00	50	ex25i10
29	ex25i1035	HJDGX1AA	D	5H260313-15	Analyte		14.75	10048147		0	10048147...	bb	1.063	106.3	5.000	1050.000	1.00	50	ex25i10
30	ex25i1036	HJDG11AA	D	5H260313-16	Analyte		14.75	9205932		0	9205932.000	bb	0.974	97.4	5.000	1039.000	1.00	50	ex25i10
31	ex25i1037	HJDG31AA	D	5H260313-17	Analyte		14.75	11231824		0	11231824...	bb	1.189	118.9	5.000	1043.000	1.00	50	ex25i10
32	ex25i1038	911.126.5	S	0 µg/L CCV	QC	1.00	14.69	11541125		0	11541125...	bb	1.221	122.1	1.000	1.000	1.00	50	ex25i10
33	ex25i1039	HJDG51AA	D	5H260313-18	Analyte		14.75	9865901		0	9865901.000	bb	1.044	104.4	5.000	1044.000	1.00	50	ex25i10
34	ex25i1040	HJDG51AC	D	5H260313-18 MS	QC	1.00	14.75	9274170		0	9274170.000	bb	0.981	98.1	5.000	1007.000	1.00	50	ex25i10
35	ex25i1041	HJDG51AD	D	5H260313-18 MSD	QC	1.00	14.75	9993965		0	9993965.000	bb	1.058	105.8	5.000	1049.000	1.00	50	ex25i10
36	ex25i1042	911.126.6	1	00 µg/L CCV	QC	1.00	14.75	10464203		0	10464203...	bb	1.107	110.7	1.000	1.000	1.00	50	ex25i10

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i10(2)
Last modified: Mon Sep 12 12:42:23 2005
Method: C:\Masslynx\Explosives.PRO\MethDB\ex25i10
Last modified: Mon Sep 12 11:21:31 2005
Job Code:

Printed: Mon Sep 12 12:43:32 2005

Compound 15: 2,4-Dinitrotoluene-d3 (IS) Sample List: ex25i10(2) Method File: ex25i10
Response Factor: 3.72950e7
RRF SD: 2.20382e6, % Relative SD: 5.90914
Response type: External Std, Area
Curve type: RF

#	Name	ID	S	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result (µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i1001	911.126.1	b	Lank	Blank		20.50	36171224		0	36171224...	dd	0.970	97.0	1.000	1.000	1.00	50	ex25i10
2	ex25i1002	911.126.2	S	µg/L	QC	1.00	20.50	40522996		0	40522996...	dd	1.087	108.7	1.000	1.000	1.00	50	ex25i10
3	ex25i1003	911.126.3	1	0 µg/L	Standard	1.00	20.50	36836224		0	36836224...	dd	0.988	98.8	1.000	1.000	1.00	50	ex25i10
4	ex25i1004	911.126.4	2	5 µg/L	Standard	1.00	20.50	40828500		0	40828500...	dd	1.095	109.5	1.000	1.000	1.00	50	ex25i10
5	ex25i1005	911.126.5	S	0 µg/L	Standard	1.00	20.50	36341812		0	36341812...	dd	0.974	97.4	1.000	1.000	1.00	50	ex25i10
6	ex25i1006	911.126.6	1	00 µg/L	Standard	1.00	20.56	37238804		0	37238804...	dd	0.998	99.8	1.000	1.000	1.00	50	ex25i10
7	ex25i1007	911.126.7	2	00 µg/L	Standard	1.00	20.56	34196184		0	34196184...	dd	0.917	91.7	1.000	1.000	1.00	50	ex25i10
8	ex25i1008	911.126.8	3	00 µg/L	Blank		20.50	38330360		0	38330360...	dd	1.028	102.8	1.000	1.000	1.00	50	ex25i10
9	ex25i1009	911.126.1	b	Lank	QC	1.00	20.56	42073112		0	42073112...	dd	1.128	112.8	1.000	1.000	1.00	50	ex25i10
10	ex25i1010	911.118.3	1	00 µg/l ICV	QC	1.00	20.56	38478392		0	38478392...	dd	1.032	103.2	1.000	1.000	1.00	50	ex25i10
11	ex25i1017	911.126.5	S	0 µg/L CCV	Blank		20.76	28039906		0	28039906...	dd	0.752	75.2	5.000	1000.000	1.00	50	ex25i10
12	ex25i1018	HJHG11AA	R	5H300800-085 MB	QC	1.00	20.76	33750152		0	33750152...	dd	0.905	90.5	5.000	1000.000	1.00	50	ex25i10
13	ex25i1019	HJHG11AC	R	5H300800-085 LCS	Analyte		20.76	31739682		0	31739682...	dd	0.851	85.1	5.000	1028.000	1.00	50	ex25i10
14	ex25i1020	HJDD91AA	D	5H260313-1	Analyte		20.76	30793676		0	30793676...	dd	0.826	82.6	5.000	1054.000	1.00	50	ex25i10
15	ex25i1021	HJDEC1AA	D	5H260313-2	Analyte		20.76	30727388		0	30727388...	dd	0.824	82.4	5.000	1058.000	1.00	50	ex25i10
16	ex25i1022	HJDFN1AA	D	5H260313-3	Analyte		20.76	29908450		0	29908450...	dd	0.802	80.2	5.000	1051.000	1.00	50	ex25i10
17	ex25i1023	HJDFP1AA	D	5H260313-4	Analyte		20.75	31047456		0	31047456...	dd	0.832	83.2	5.000	1040.000	1.00	50	ex25i10
18	ex25i1024	HJDFV1AA	D	5H260313-5	Analyte		20.69	30917622		0	30917622...	dd	0.829	82.9	5.000	1044.000	1.00	50	ex25i10
19	ex25i1025	HJDF01AA	D	5H260313-6	Analyte		20.69	33467852		0	33467852...	dd	0.897	89.7	5.000	1060.000	1.00	50	ex25i10
20	ex25i1026	HJDF51AA	D	5H260313-7	Analyte		20.69	31692698		0	31692698...	dd	0.850	85.0	5.000	1042.000	1.00	50	ex25i10
21	ex25i1027	HJDF71AA	D	5H260313-8	QC	1.00	20.63	33537378		0	33537378...	dd	0.899	89.9	1.000	1.000	1.00	50	ex25i10
22	ex25i1028	911.126.6	1	00 µg/L CCV	Analyte		20.63	36624872		0	36624872...	dd	0.982	98.2	5.000	1041.000	1.00	50	ex25i10
23	ex25i1029	HJDGA1AA	D	5H260313-9	Analyte		20.63	36618804		0	36618804...	dd	0.982	98.2	5.000	1040.000	1.00	50	ex25i10
24	ex25i1030	HJDGE1AA	D	5H260313-10	Analyte		20.63	37529968		0	37529968...	dd	1.006	100.6	5.000	1018.000	1.00	50	ex25i10
25	ex25i1031	HJDGL1AA	D	5H260313-11	Analyte		20.56	38263616		0	38263616...	dd	1.026	102.6	5.000	1052.000	1.00	50	ex25i10
26	ex25i1032	HJDGN1AA	D	5H260313-12	Analyte		20.63	34059844		0	34059844...	dd	0.913	91.3	5.000	1056.000	1.00	50	ex25i10
27	ex25i1033	HJDGQ1AA	D	5H260313-13	Analyte		20.56	35126240		0	35126240...	dd	0.942	94.2	5.000	1010.000	1.00	50	ex25i10
28	ex25i1034	HJDGR1AA	D	5H260313-14	Analyte		20.56	36824416		0	36824416...	dd	0.987	98.7	5.000	1050.000	1.00	50	ex25i10
29	ex25i1035	HJDGX1AA	D	5H260313-15	Analyte		20.56	38947708		0	38947708...	dd	1.044	104.4	5.000	1039.000	1.00	50	ex25i10
30	ex25i1036	HJDG11AA	D	5H260313-16	Analyte		20.56	41112536		0	41112536...	dd	1.102	110.2	5.000	1043.000	1.00	50	ex25i10
31	ex25i1037	HJDG31AA	D	5H260313-17	QC	1.00	20.50	45200352		0	45200352...	dd	1.212	121.2	1.000	1.000	1.00	50	ex25i10
32	ex25i1038	911.126.5	S	0 µg/L CCV	Analyte		20.56	38824472		0	38824472...	dd	1.041	104.1	5.000	1044.000	1.00	50	ex25i10
33	ex25i1039	HJDG51AA	D	5H260313-18	QC	1.00	20.56	35624060		0	35624060...	dd	0.955	95.5	5.000	1007.000	1.00	50	ex25i10
34	ex25i1040	HJDG51AC	D	5H260313-18 MS	QC	1.00	20.56	42940452		0	42940452...	dd	1.151	115.1	5.000	1049.000	1.00	50	ex25i10
35	ex25i1041	HJDG51AD	D	5H260313-18 MSD	QC	1.00	20.56	40380676		0	40380676...	dd	1.083	108.3	1.000	1.000	1.00	50	ex25i10
36	ex25i1042	911.126.6	1	00 µg/L CCV															

Analyst: Steve Cowling

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2).SPL
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Page Position: (1; 1)

	File Name	Sample ID	File Text	Sample Type	Analyte µg/L	QC µg/L	Vial	Extract (mL)
1	ex25i0101	911.107.1	blank -clean	Blank	0	100	1	1.00
2	ex25i0102	911.107.2	5 µg/L	Standard	5	5	2	1.00
3	ex25i0103	911.107.3	10 µg/L	Standard	10	10	3	1.00
4	ex25i0104	911.107.4	25 µg/L	Standard	25	25	4	1.00
5	ex25i0105	911.107.5	50 µg/L	Standard	50	50	5	1.00
6	ex25i0106	911.107.6	100 µg/L	Standard	100	100	6	1.00
7	ex25i0107	911.107.7	200 µg/L	Standard	200	200	7	1.00
8	ex25i0108	911.107.8	300 µg/L	Standard	300	300	8	1.00
9	ex25i0109	911.107.1	blank - clean	Blank	0	100	1	1.00
10	ex25i0110	911.107.9	100 µg/l ICV	QC	100	100	9	1.00
11	ex25i0111	HJG371AA	R5H290000-577 MB	Blank	0	100	10	5.00
12	ex25i0112	HJG371AC	R5H290000-577 LCS	QC	100	100	11	5.00
13	ex25i0113	HG02D4AA	D5H040380-1	Analyte	0	100	12	5.00
14	ex25i0114	HJDG81AA	D5H260313-19	Analyte	0	100	13	5.00
15	ex25i0115	HJDHC1AA	D5H260313-20	Analyte	0	100	14	5.00
16	ex25i0116	HJDHE1AA	D5H260313-21	Analyte	0	100	15	5.00
17	ex25i0117	HJDHE1AC	D5H260313-21 MS	QC	100	100	16	5.00
18	ex25i0118	HJDHE1AD	D5H260313-21 MSD	QC	100	100	17	5.00
19	ex25i0119	HJDHG1AA	D5H260313-22	Analyte	0	100	18	5.00
20	ex25i0120	HJDHK1AA	D5H260313-23	Analyte	0	100	19	5.00
21	ex25i0121	911.107.6	100 µg/L CCV	QC	100	100	6	1.00
22	ex25i0122	HJDHM1AA	D5H260313-24	Analyte	0	100	20	5.00
23	ex25i0123	HJDHV1AA	D5H260313-25	Analyte	0	100	21	5.00
24	ex25i0124	HJDH01AA	D5H260313-26	Analyte	0	100	22	5.00
25	ex25i0125	HJDH31AA	D5H260313-27	Analyte	0	100	23	5.00
26	ex25i0126	HJDH41AA	D5H260313-28	Analyte	0	100	24	5.00
27	ex25i0127	HJD5R1AA	D5H260431-1	Analyte	0	100	25	5.00
28	ex25i0128	911.107.5	50 µg/L CCV	QC	50	50	5	1.00
29	ex25i0151	911.107.6	100 µg/L CCV	QC	100	100	6	1.00
30	ex25i0152	HG02D4AA	D5H040380-1 10X	Analyte	0	100	65	5.00
31	ex25i0153	911.107.5	50 µg/L CCV	QC	50	50	5	1.00

50 µg/L

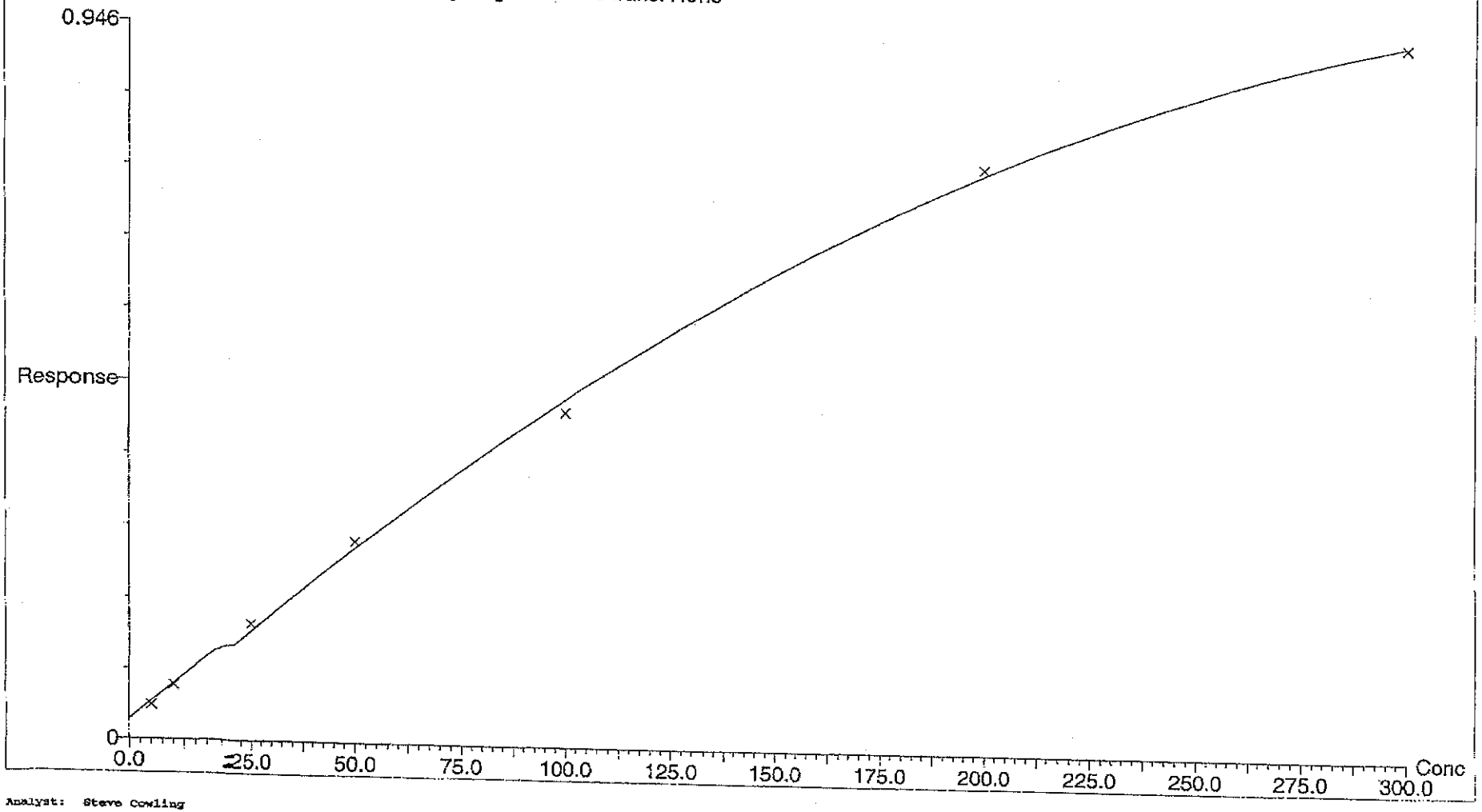
	Sample (mL or g)	Dilution	µL Injected	MS Tune File	Inlet File	MS File
1	1.00	1.000	50.000	Explosives	Exp2	Explosives
2	1.00	1.000	50.000	Explosives	Exp2	Explosives
3	1.00	1.000	50.000	Explosives	Exp2	Explosives
4	1.00	1.000	50.000	Explosives	Exp2	Explosives
5	1.00	1.000	50.000	Explosives	Exp2	Explosives
6	1.00	1.000	50.000	Explosives	Exp2	Explosives
7	1.00	1.000	50.000	Explosives	Exp2	Explosives
8	1.00	1.000	50.000	Explosives	Exp2	Explosives
9	1.00	1.000	50.000	Explosives	Exp2	Explosives
10	1.00	1.000	50.000	Explosives	Exp2	Explosives
11	1000.00	1.000	50.000	Explosives	Exp2	Explosives
12	1000.00	1.000	50.000	Explosives	Exp2	Explosives
13	890.00	1.000	50.000	Explosives	Exp2	Explosives
14	1044.00	1.000	50.000	Explosives	Exp2	Explosives
15	1050.00	1.000	50.000	Explosives	Exp2	Explosives
16	1019.00	1.000	50.000	Explosives	Exp2	Explosives
17	1040.00	1.000	50.000	Explosives	Exp2	Explosives
18	1022.00	1.000	50.000	Explosives	Exp2	Explosives
19	1038.00	1.000	50.000	Explosives	Exp2	Explosives
20	1024.00	1.000	50.000	Explosives	Exp2	Explosives
21	1.00	1.000	50.000	Explosives	Exp2	Explosives
22	1060.00	1.000	50.000	Explosives	Exp2	Explosives
23	1001.00	1.000	50.000	Explosives	Exp2	Explosives
24	1040.00	1.000	50.000	Explosives	Exp2	Explosives
25	1059.00	1.000	50.000	Explosives	Exp2	Explosives
26	1030.00	1.000	50.000	Explosives	Exp2	Explosives
27	903.00	1.000	50.000	Explosives	Exp2	Explosives
28	1.00	1.000	50.000	Explosives	Exp2	Explosives
29	1.00	1.000	50.000	Explosives	Exp2	Explosives
30	890.00	10.000	50.000	Explosives	Exp2	Explosives
31	1.00	1.000	50.000	Explosives	Exp2	Explosives

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 1 name: HMX Method File: ex25i01
Coefficient of Determination: 0.999267
Calibration curve: -6.2402e-6 * x^2 + 0.00493039 * x + 0.0266787
Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: Null, Axis trans: None



Analyst: Steve Cowling

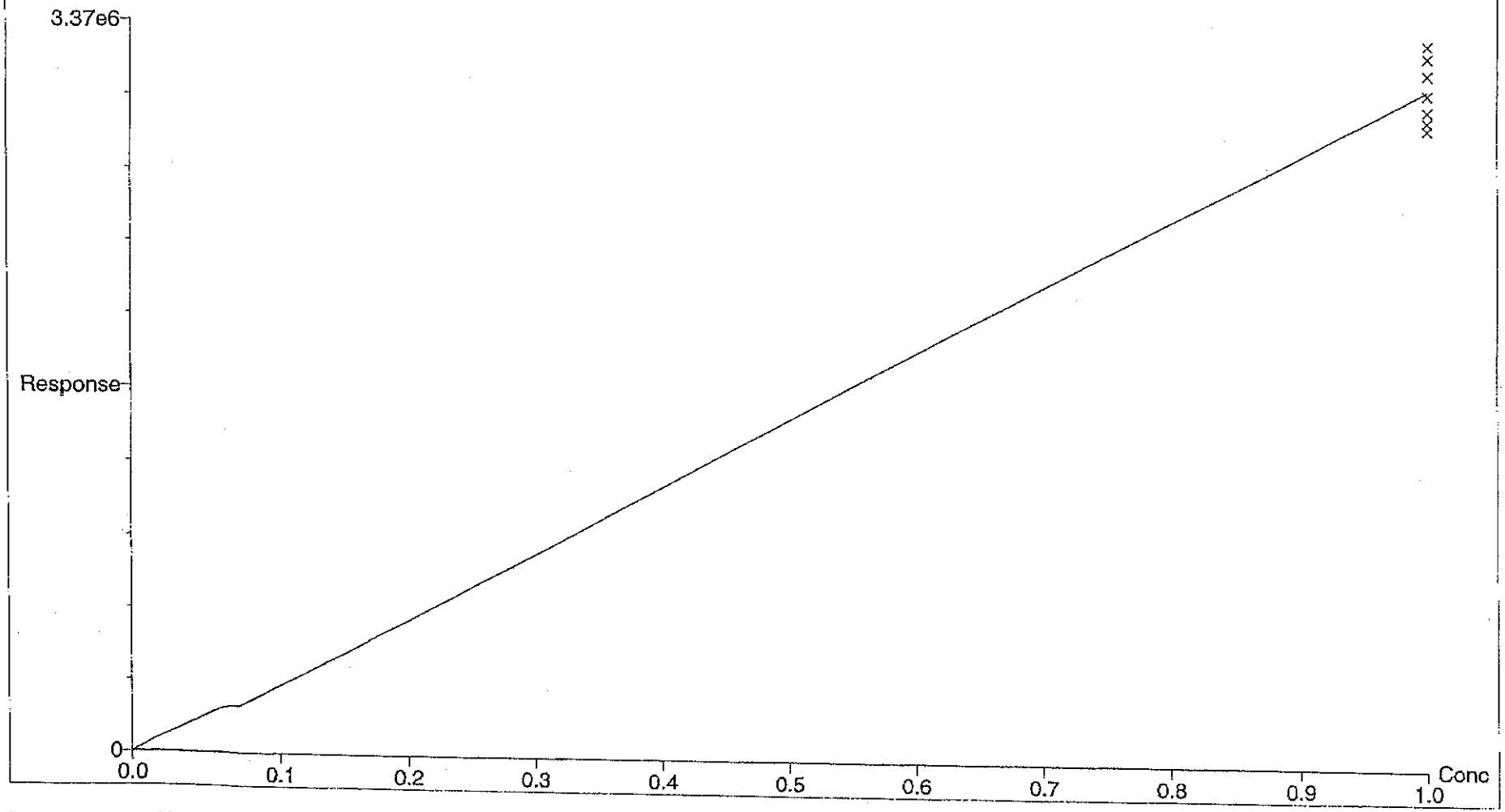
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 2 name: RDX 13C-3 284 (IS) Method File: ex25i01
Response Factor: 3.15613e6
RRF SD: 150258. % Relative SD: 4.76084
Response type: External Std. Area
Curve type: RF



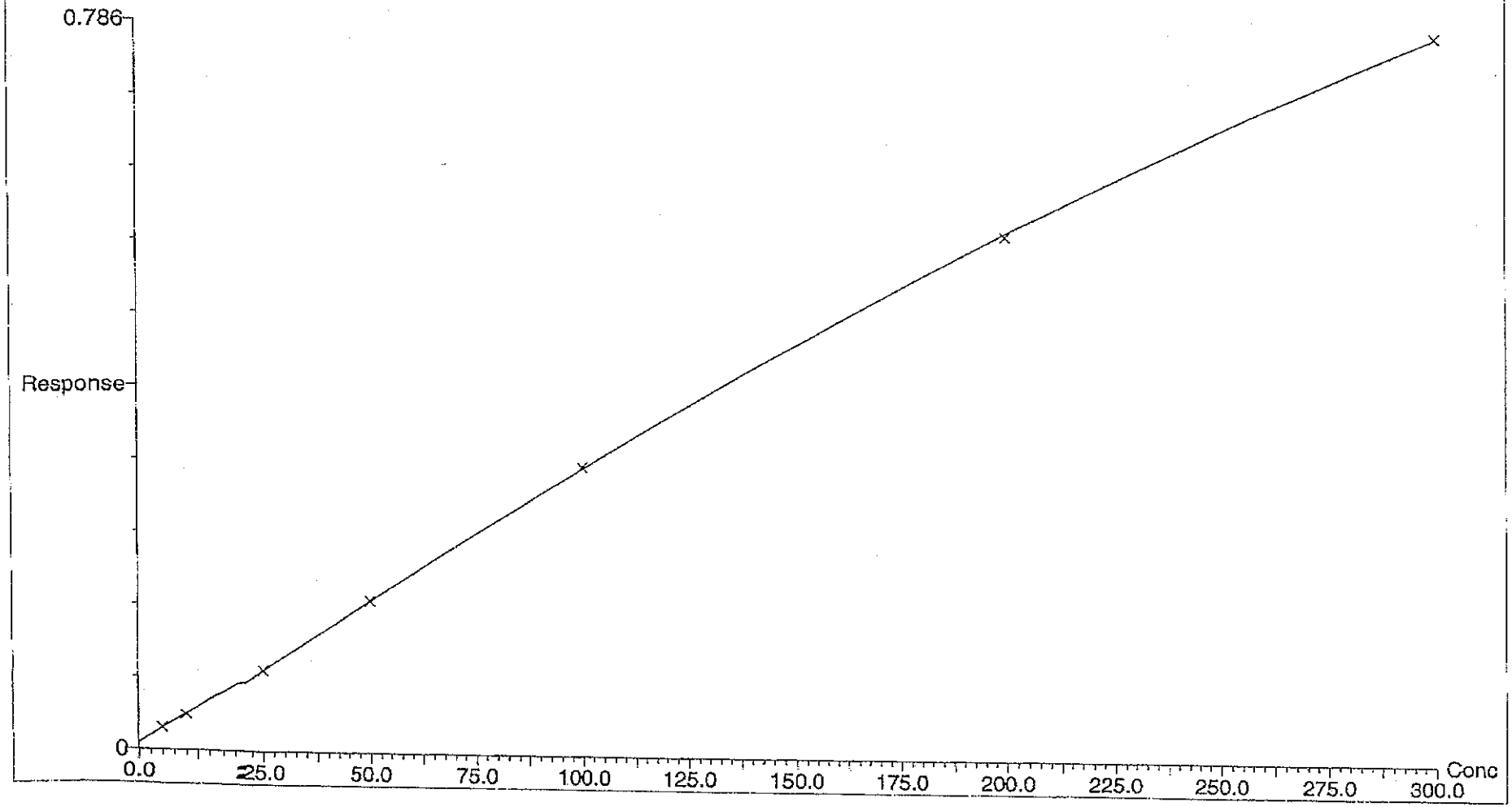
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 3 name: R DX Method File: ex25i01
Coefficient of Determination: 0.999958
Calibration curve: -2.1 7477e-6 * x^2 + 0.00324523 * x + 0.00682547
Response type: Intern al Std (Ref 2), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



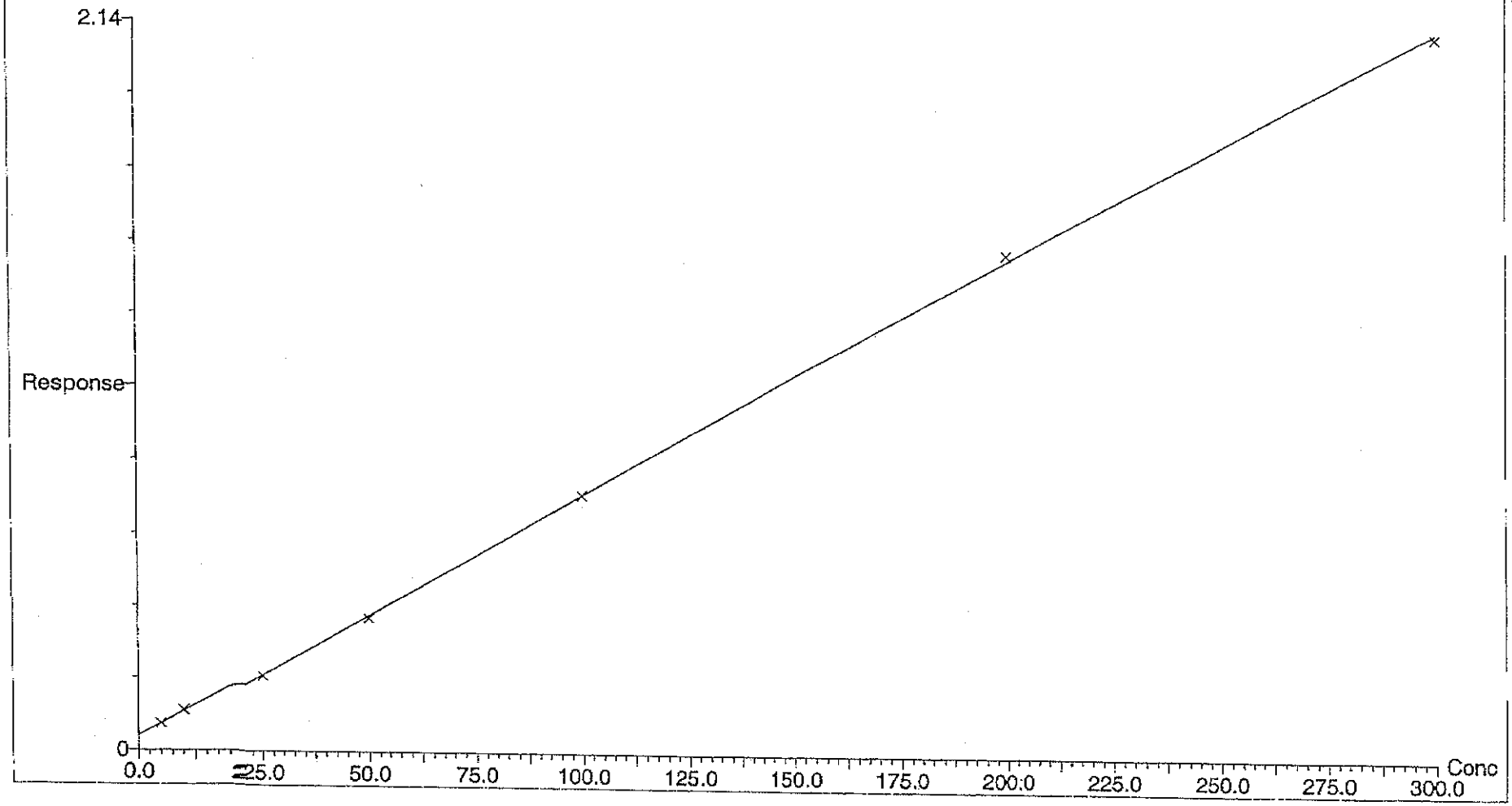
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 4 name: 1,3,5-Trinitrobenzene Method File: ex25i01
Coefficient of Determination: 0.999852
Calibration curve: -9.77702e-7 * x^2 + 0.00727663 * x + 0.0417252
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

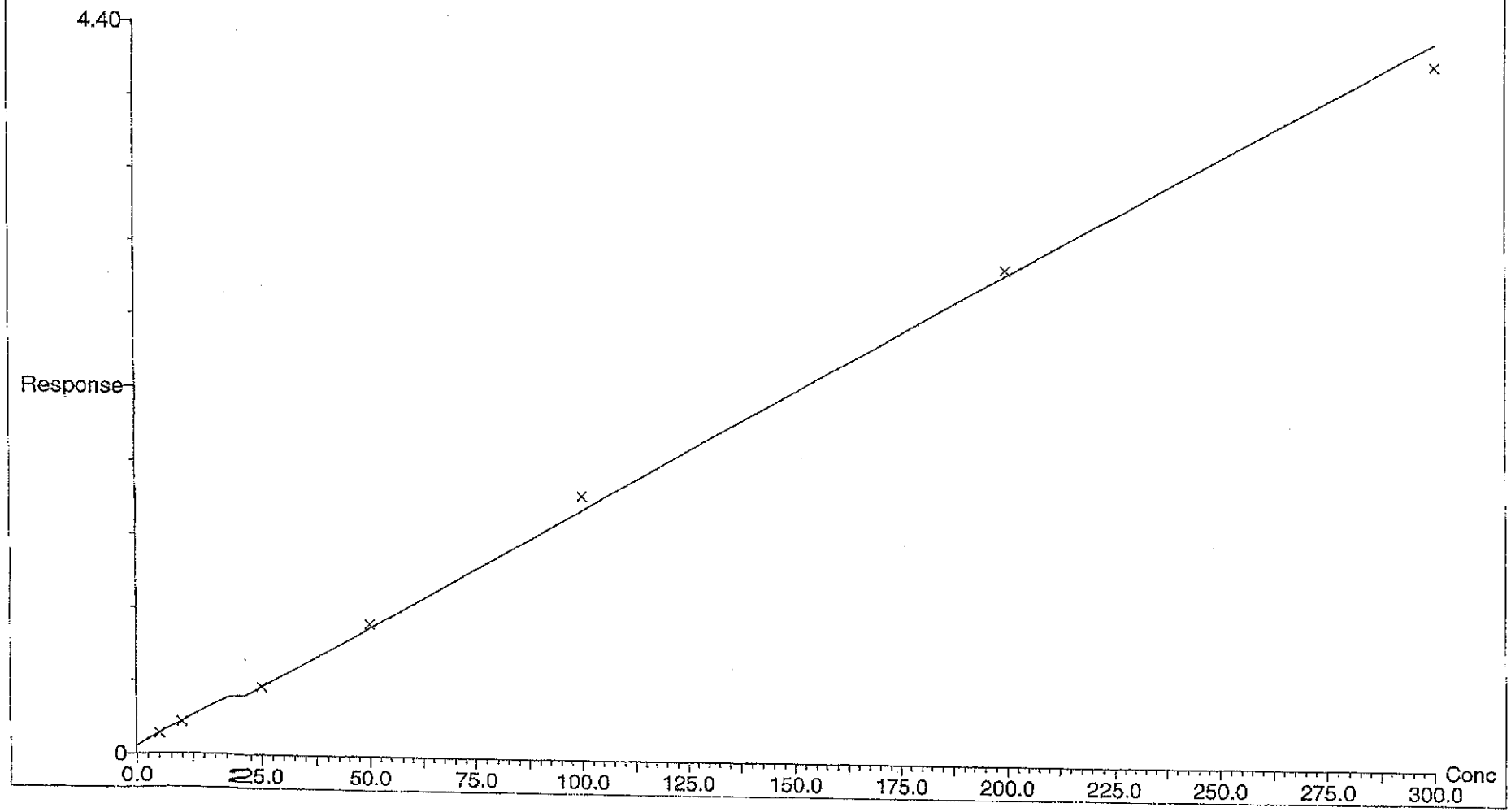
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EK_PLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06: 35:04 2005
Printed: Sat Sep 03 11: 09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 5 name: Tetryl Method File: ex25i01
Coefficient of Determination: 0.998144
Calibration curve: 0.01 45144 * x + 0.0468980
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



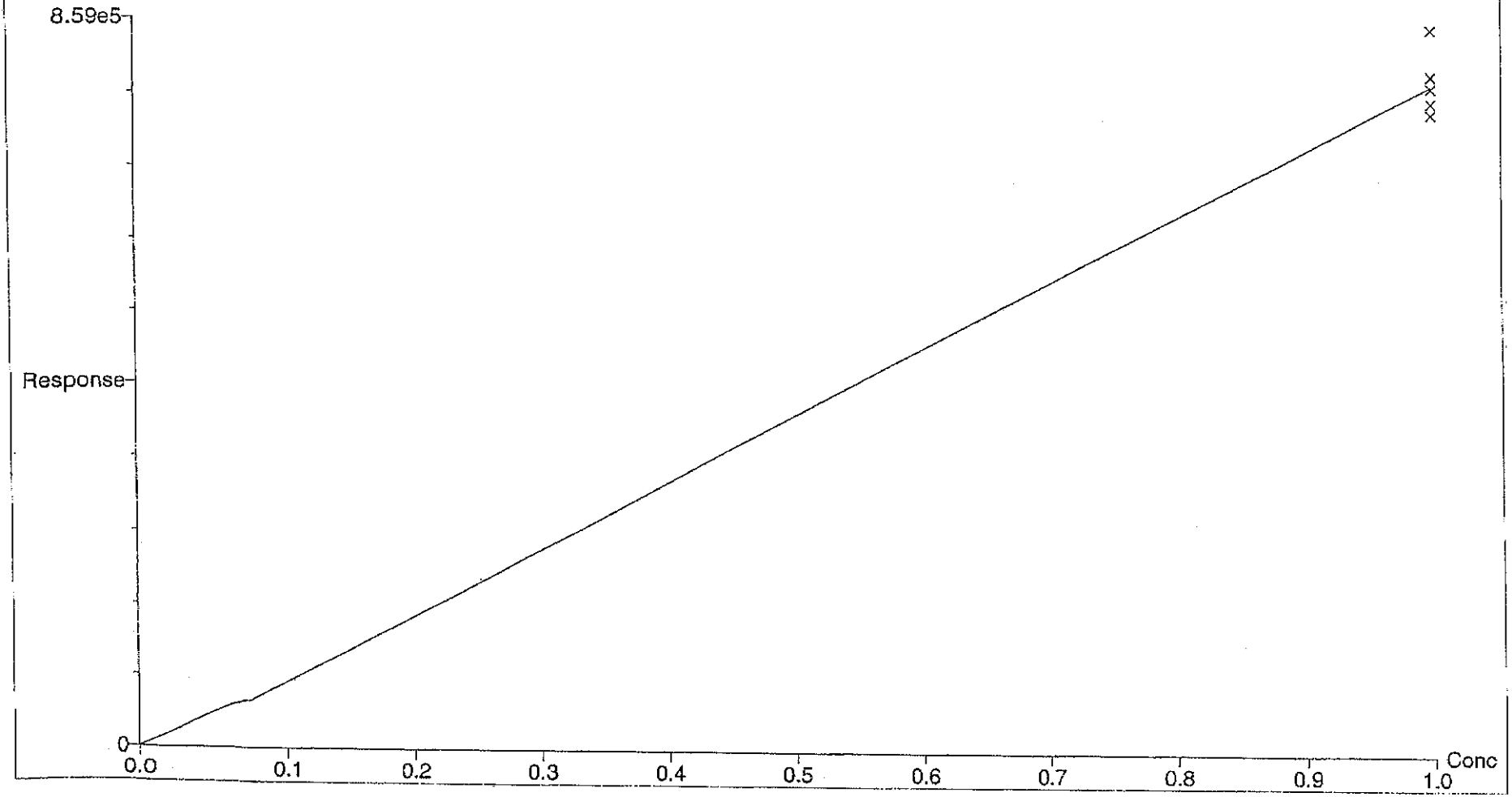
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\MassLynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 6 name: Dinitrobenzene-d4 (IS) Method File: ex25i01
Response Factor: 793.475
RRF SD: 34758.1, % Relative SD: 4.38050
Response type: External Std, Area
Curve type: RF



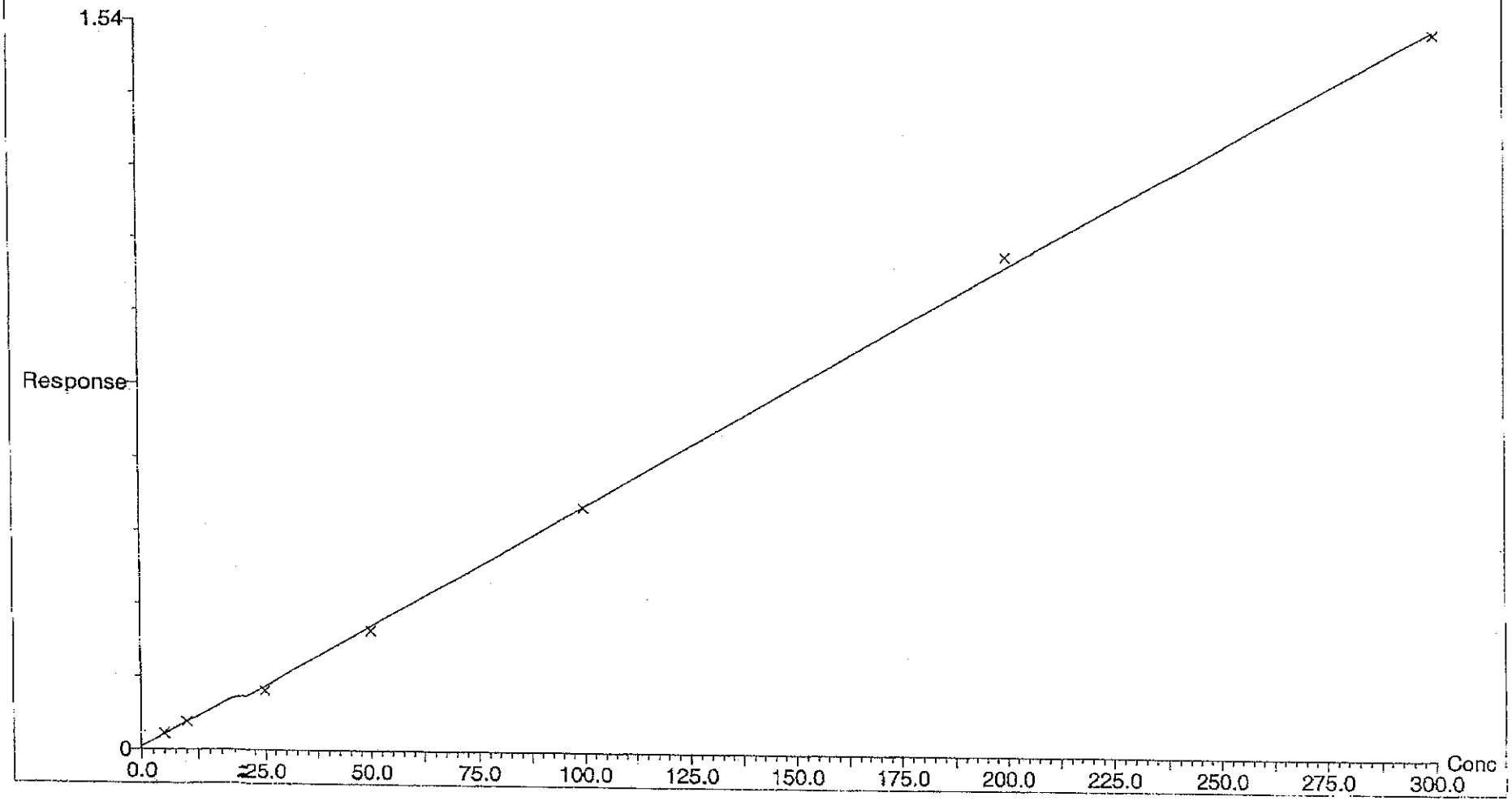
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 7 name: 1,3-Dinitrobenzene Method File: ex25i01
Coefficient of Determination: 0.999615
Calibration curve: 0.00510719 * x + 0.00625252
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



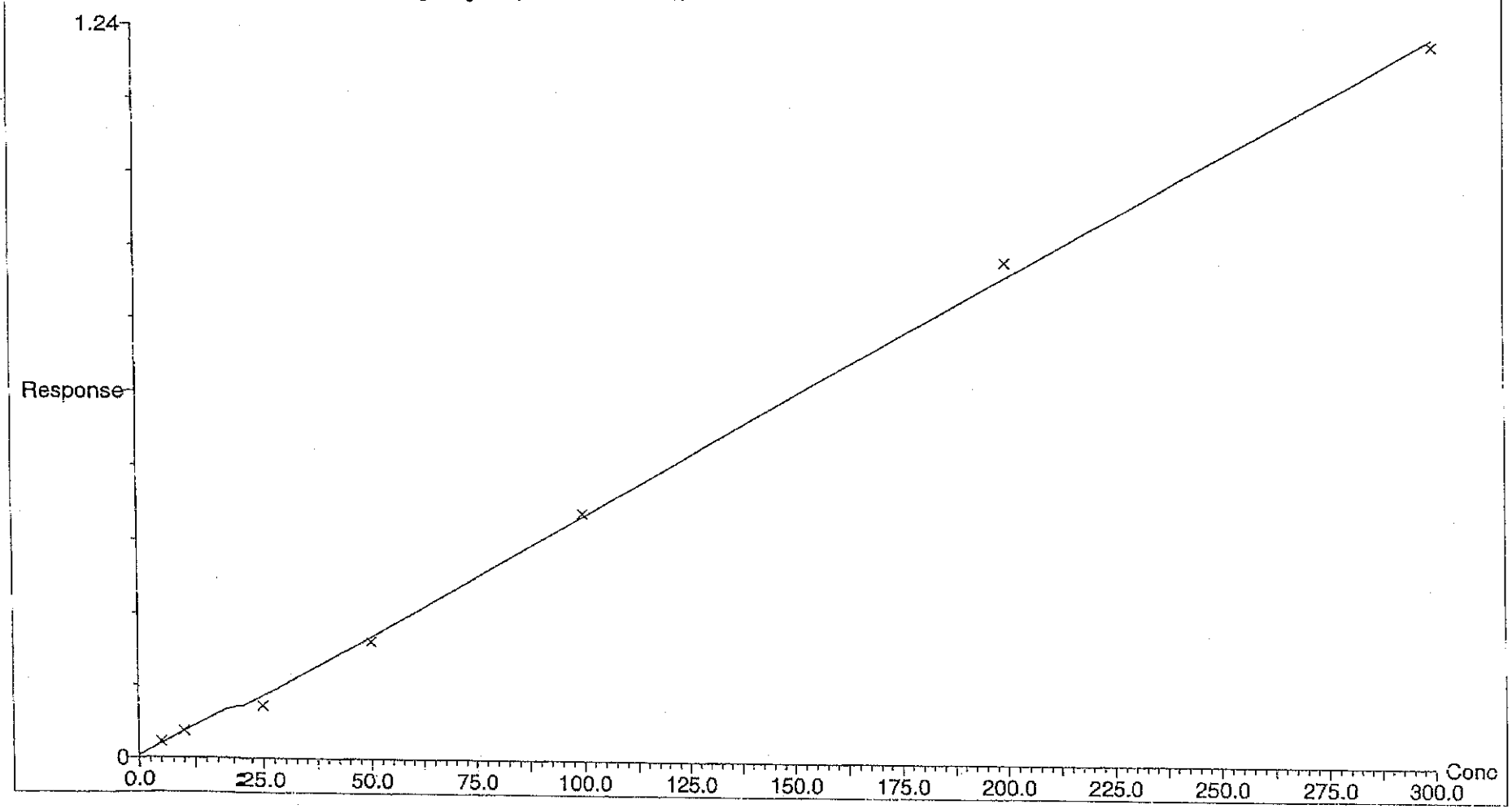
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 8 name: Nitrobenzene-d5 Method File: ex25i01
Coefficient of Determination: 0.999064
Calibration curve: 0.0413173 * x + 0.00279076
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



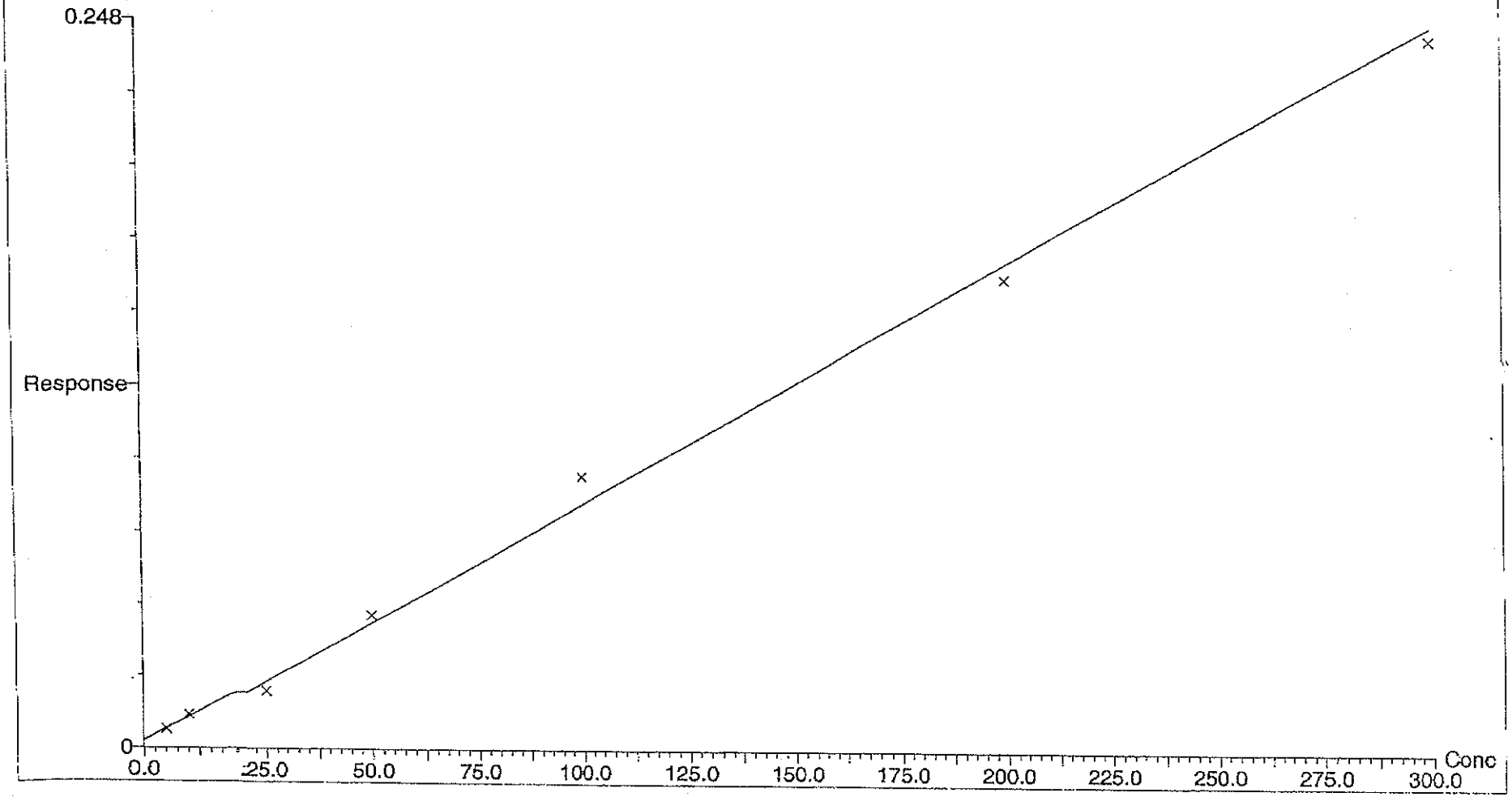
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\MassLynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 9 name: Nitroglycerin Method File: ex25i01
Coefficient of Determination: 0.996920
Calibration curve: 0.00818095 * x + 0.00241747
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



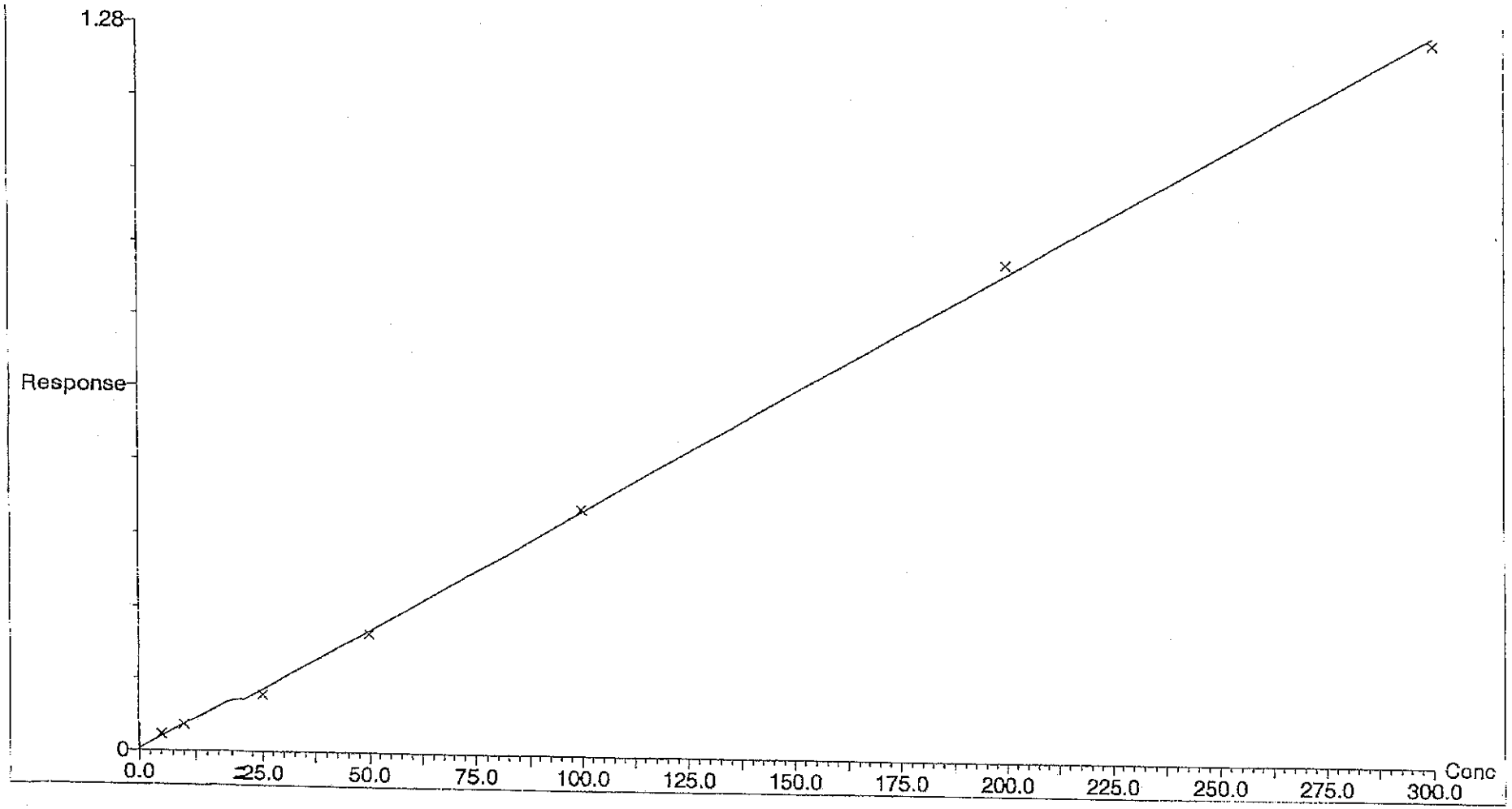
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06 :35:04 2005
Printed: Sat Sep 03 11 :09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 10 name: Nitrobenzene Method File: ex25i01
Correlation coefficient: r = 0.999752, r^2 = 0.999504
Calibration curve: 0.0[illegible]424589 * x + 0.00352282
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



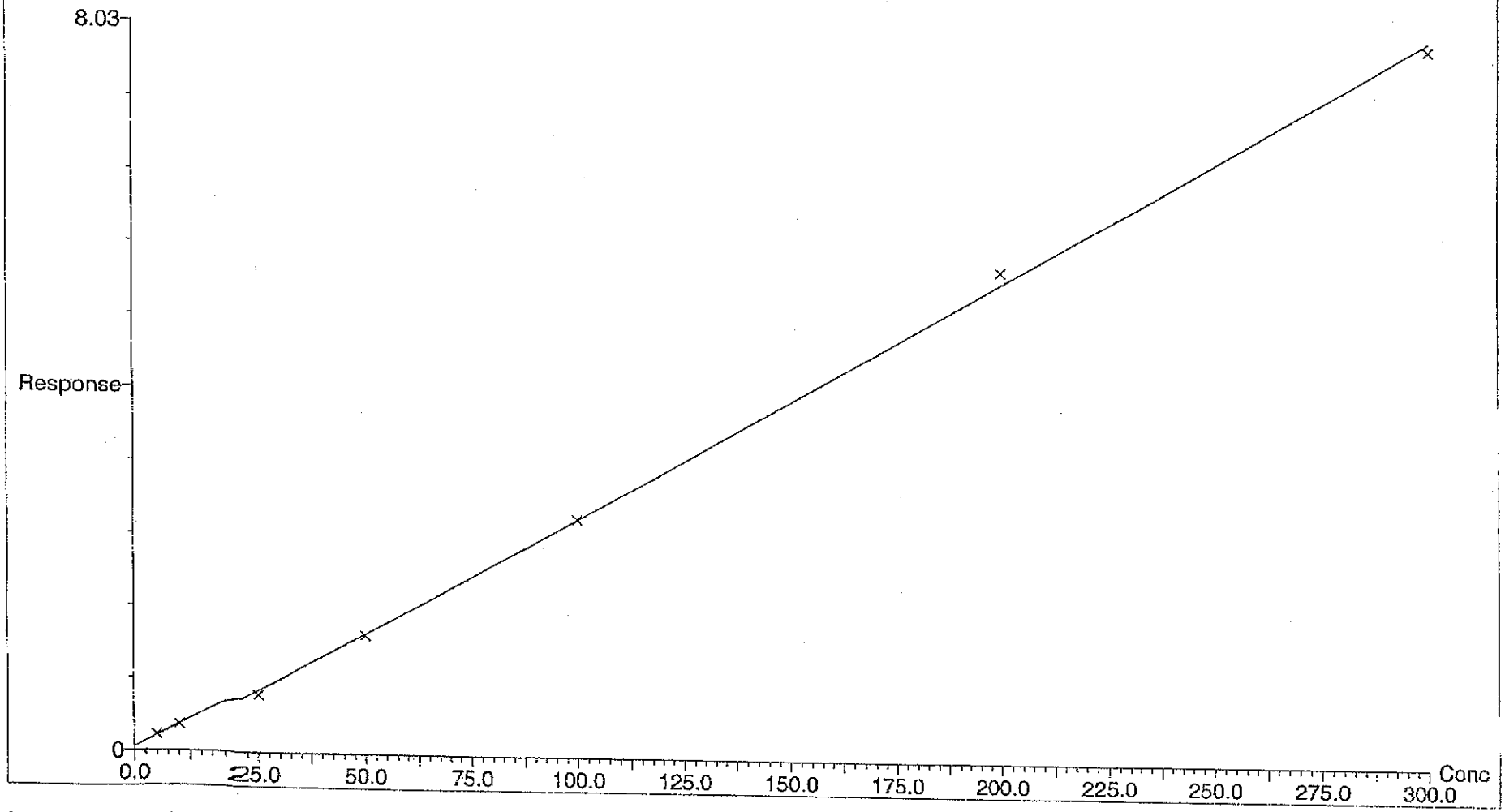
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 11 name: 2,4,6-Trinitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999428
Calibration curve: 4.21003e-6 * x^2 + 0.0253706 * x + 0.0385326
Response type: Internal Std (Ref 6), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



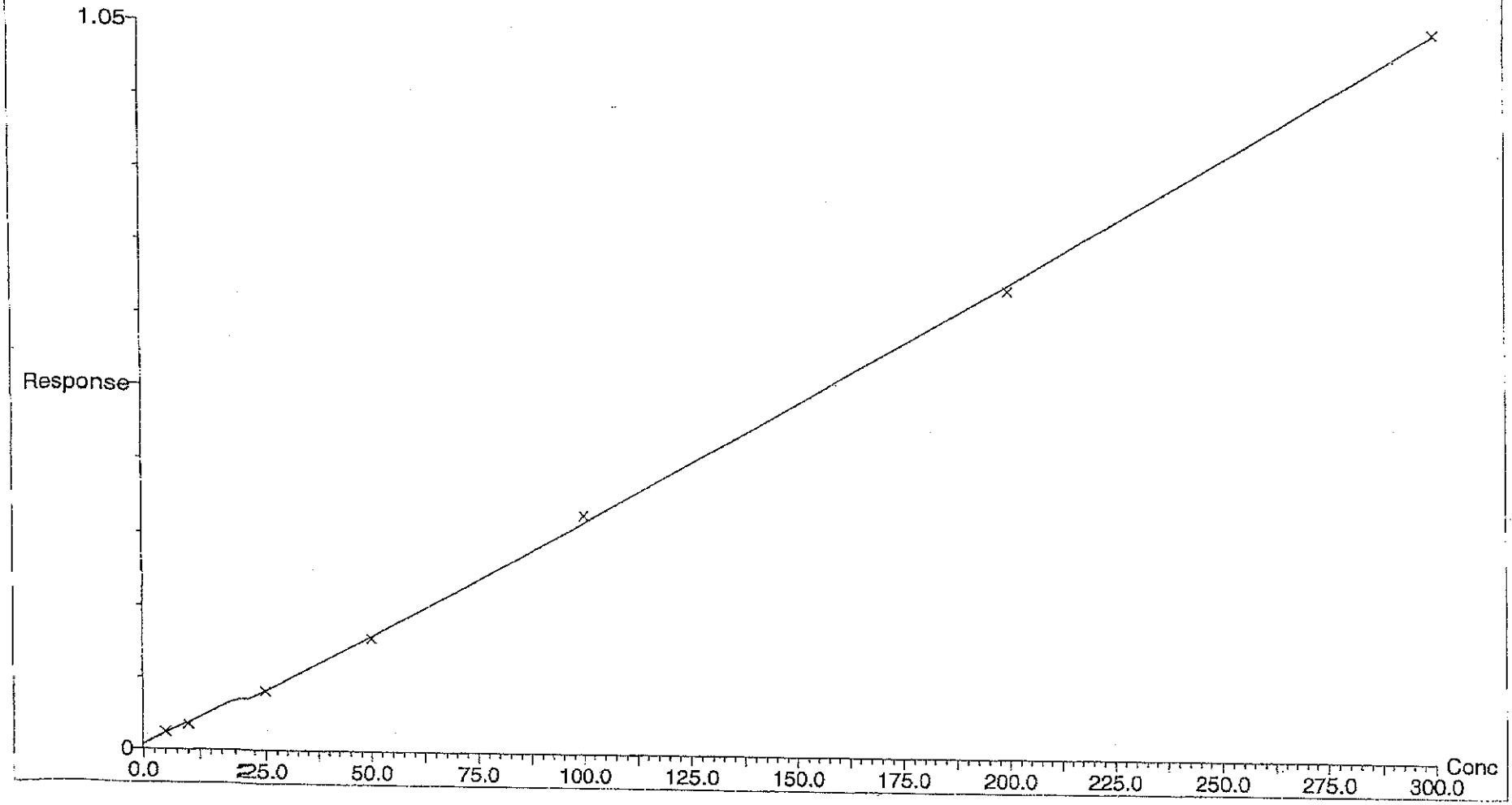
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 12 name: 4-Amino-2,6-dinitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999777
Calibration curve: 1.00765e-6 * x^2 + 0.00317246 * x + 0.00726073
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

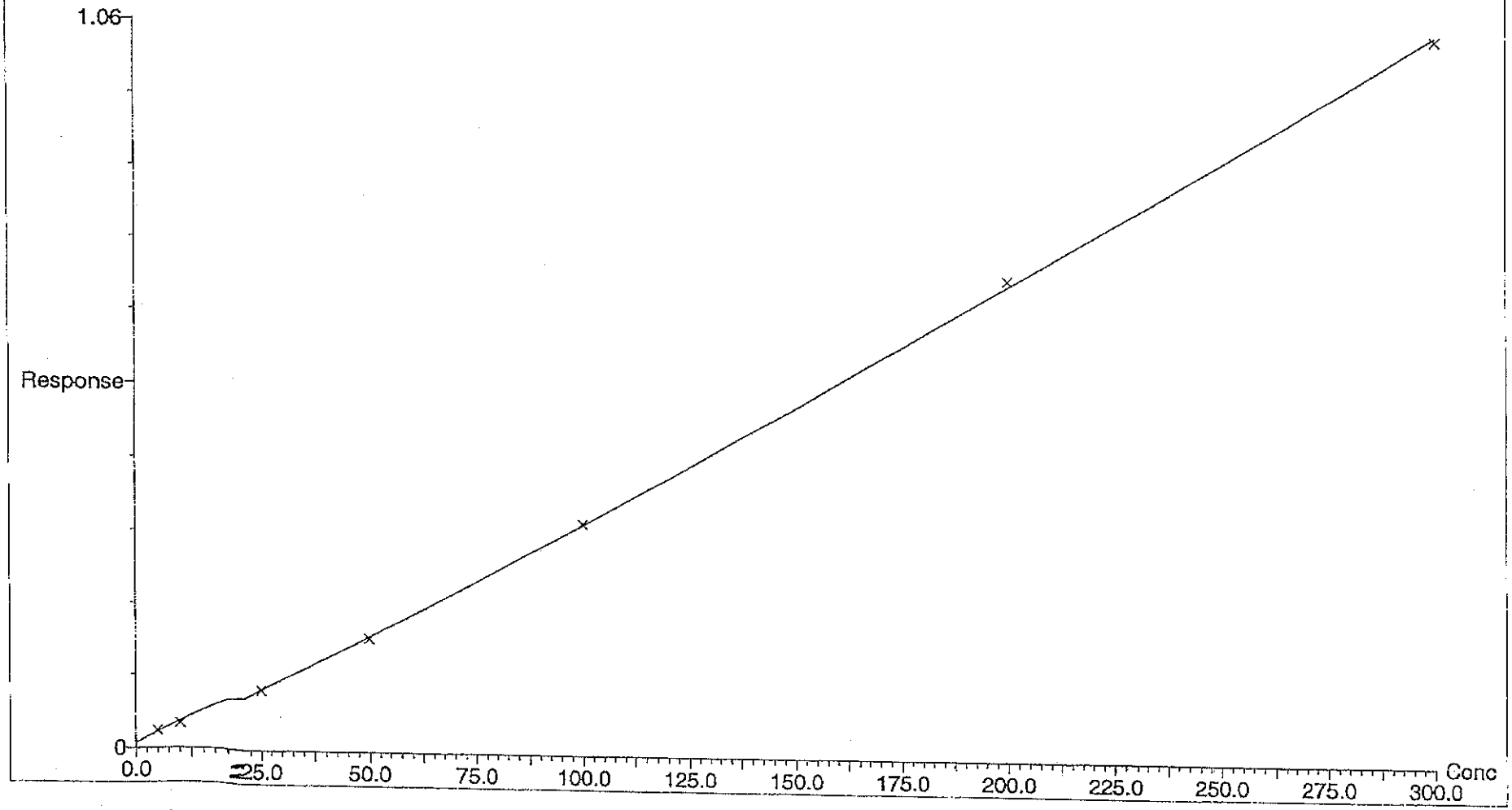
STL Denver

Quantify Calibration Report
Explosives Analysis

Calibration: C:\MassLynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 13 name: 2-Amino-4,6-dinitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999849
Calibration curve: 1.14596e-6 * x^2 + 0.00318024 * x + 0.00669426
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

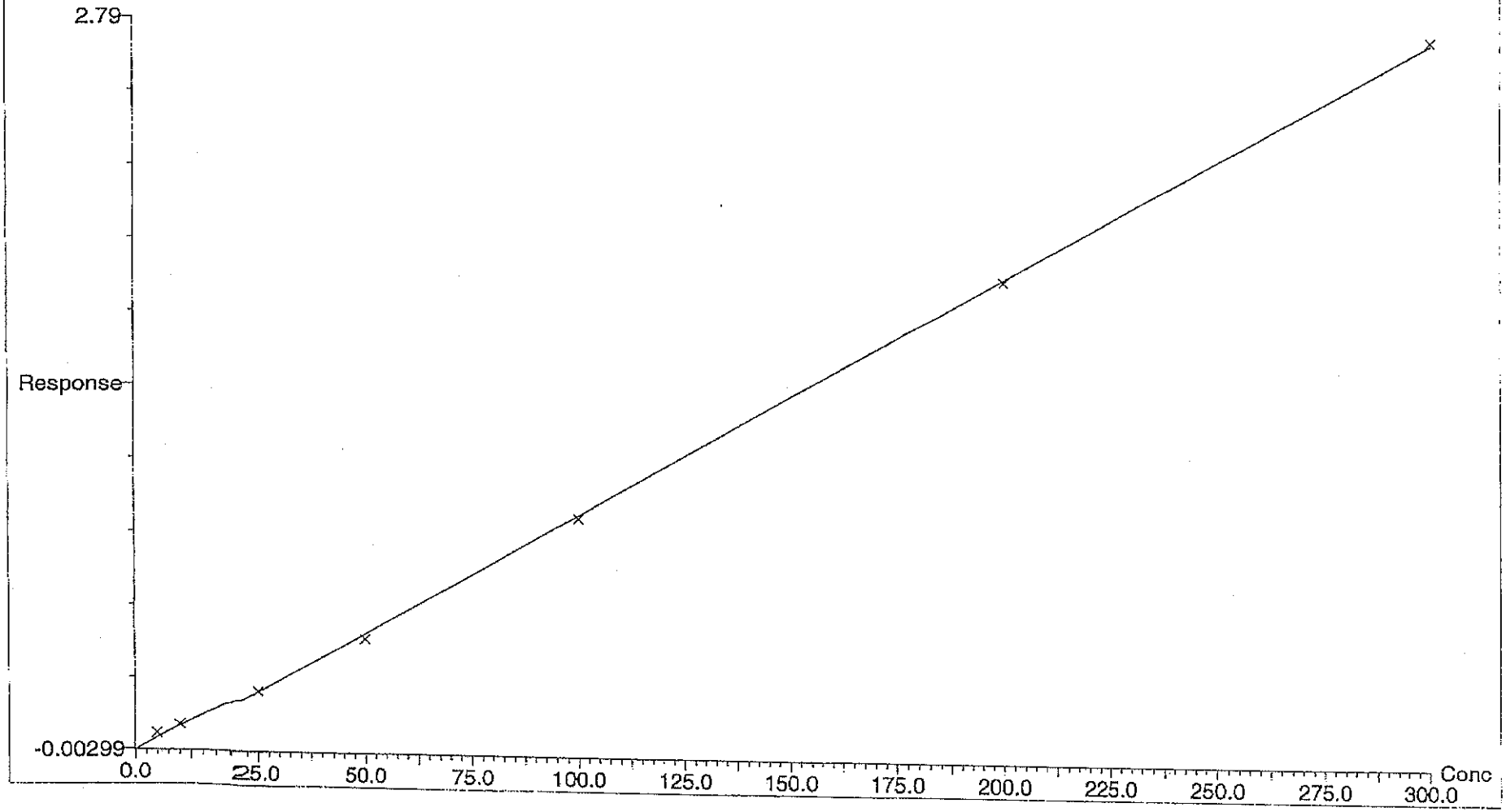
101

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 14 name: 2,6-Dinitrotoluene Method File: ex25i01
Correlation coefficient: r = 0.999915, r^2 = 0.999830
Calibration curve: 0.00925747 * x + -0.00298567
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



Analyst: Steve Cowling

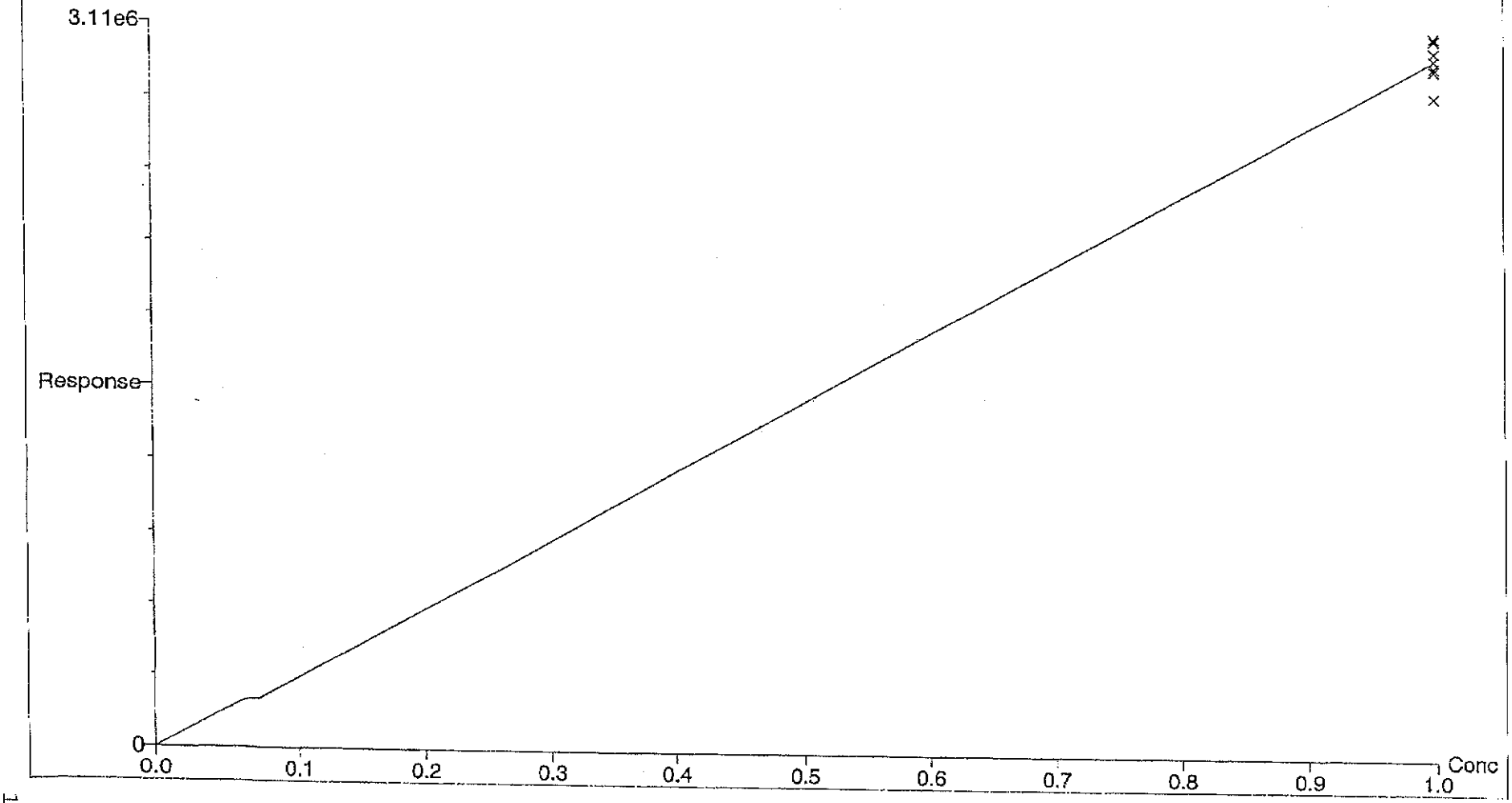
Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs

Amt = on-column concentration (µg/L) **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 15 name: 2,4-Dinitrotoluene-d3 (IS)
Response Factor: 3.01190e6
RRF SD: 86940.3, % Relative SD: 2.88656
Response type: External Std, Area
Curve type: RF
Method File: ex25i01



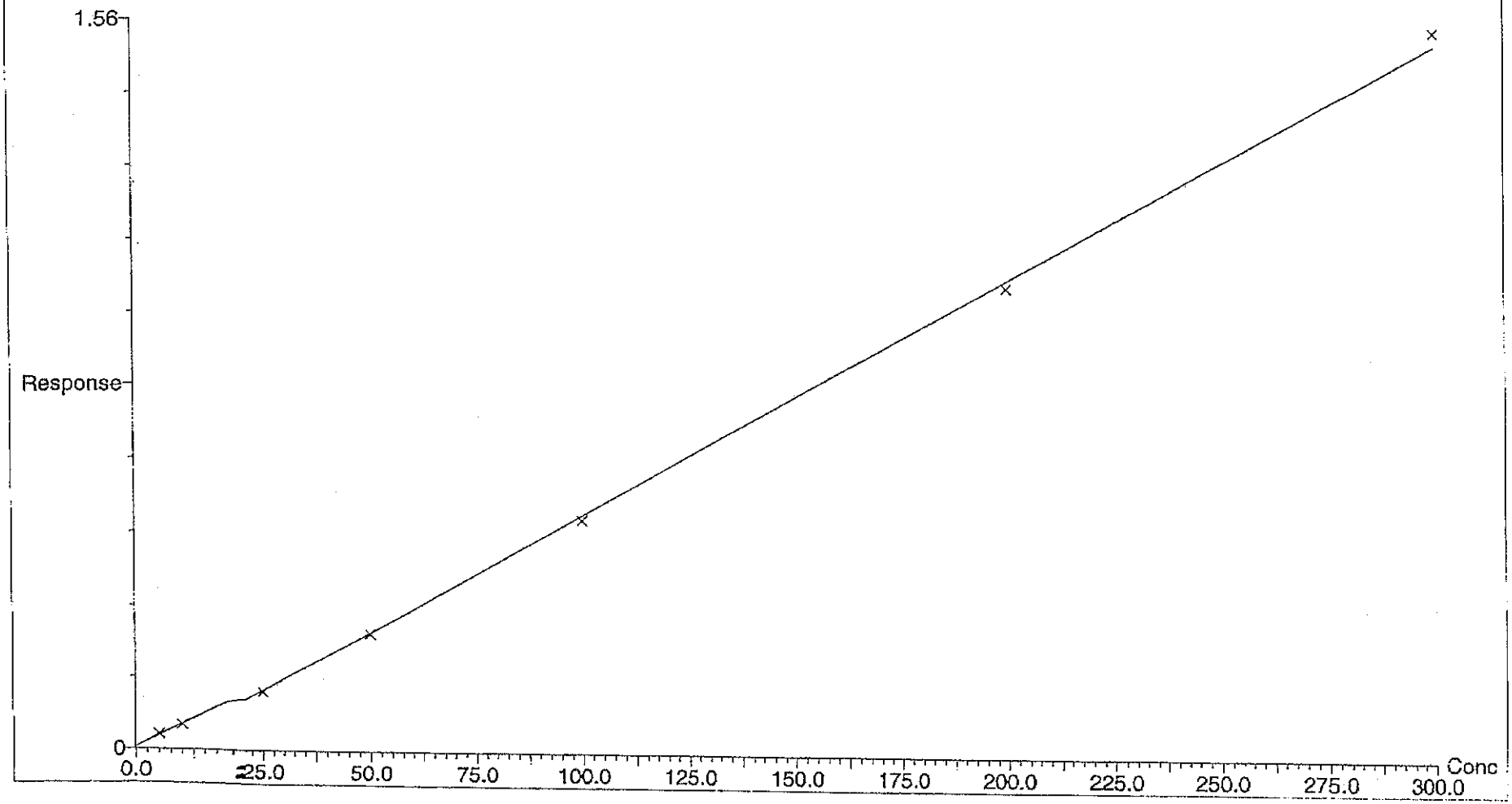
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06 =35:04 2005
Printed: Sat Sep 03 11 =09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 16 name: 2,4-Dinitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999367
Calibration curve: 0.0050508174 * x + 0.00422134
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



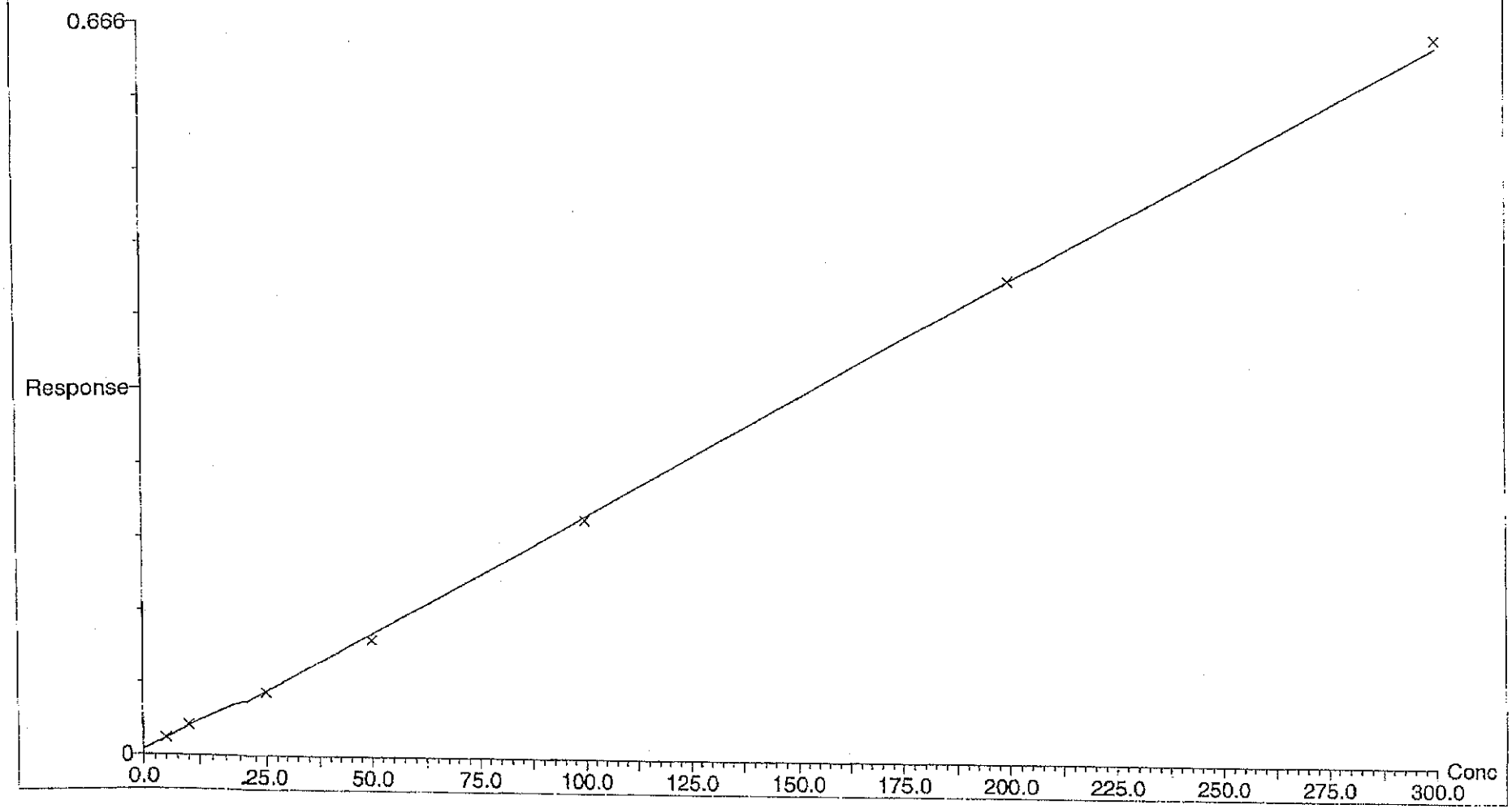
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs Amt = on-column concentration (µg/L) Vf = Final volume at end of extraction (L)
DF = Dilutions after extraction (L/L) Vs = Size of sample Extracted (L or kg)

Compound 17 name: 2-Nitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999704
Calibration curve: 0.00218085 * x + 0.00402712
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



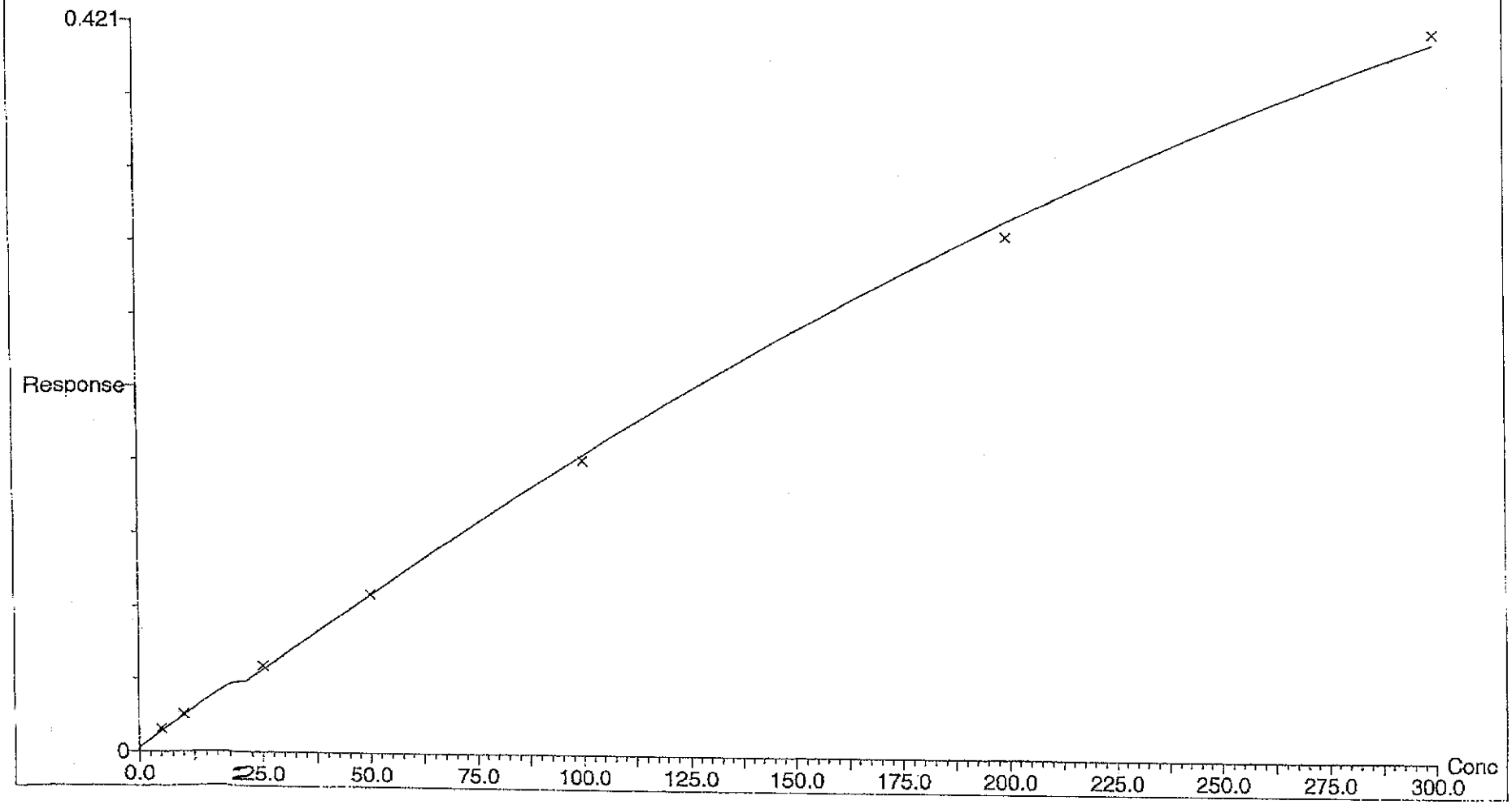
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last Modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 18 name: PETN Method File: ex25i01
Coefficient of Determination: 0.999204
Calibration curve: -1.63895e-6 * x^2 + 0.00186793 * x + 0.00201821
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



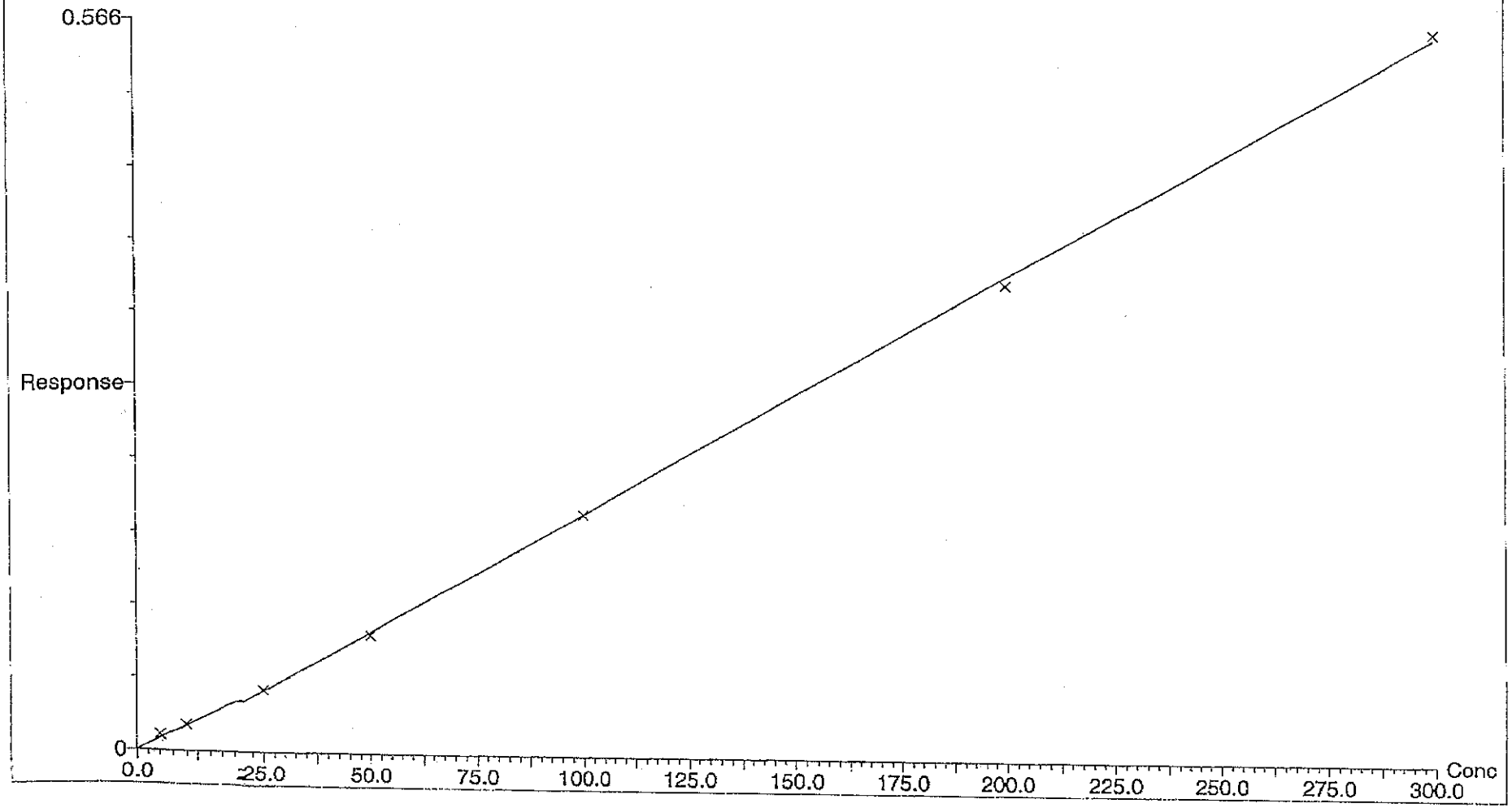
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last Modified: Fri Sep 02 06:35:04 2005
Printed: Sat Sep 03 11:09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 19 name: 4-Nitrotoluene Method File: ex25i01
Correlation coefficient: r = 0.999859, r^2 = 0.999718
Calibration curve: 0.00187121 * x + 0.000149399
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: Null, Axis trans: None



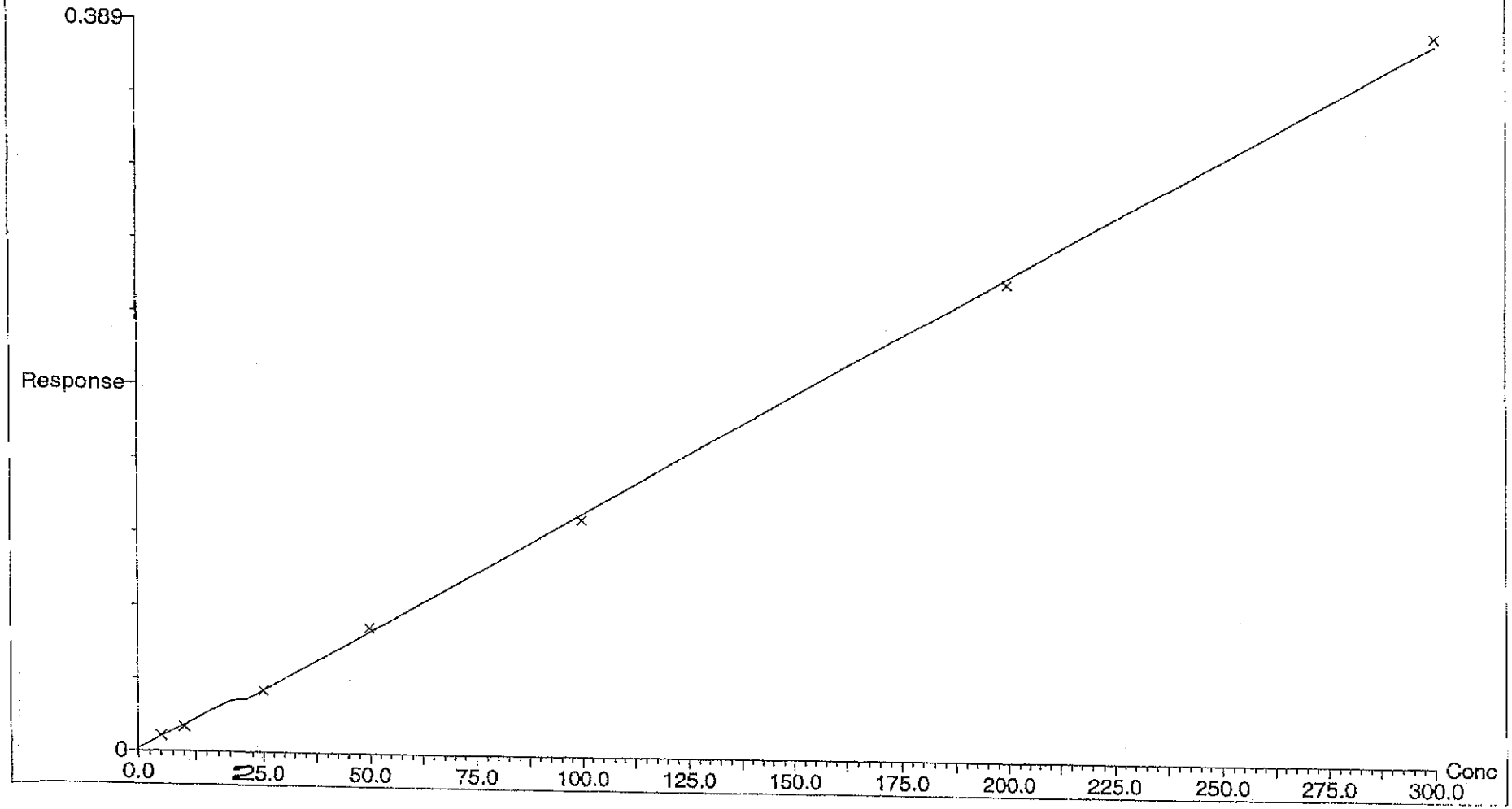
Analyst: Steve Cowling

Quantify Calibration Report
Explosives Analysis

Calibration: C:\Masslynx\EXPLOSIVES.PRO\CurveDB\ex25i01
Last modified: Fri Sep 02 06: 35:04 2005
Printed: Sat Sep 03 11: 09:52 2005

Result (µg/L or kg) = Amt * DF * Vf / Vs **Amt = on-column concentration (µg/L)** **Vf = Final volume at end of extraction (L)**
DF = Dilutions after extraction (L/L) **Vs = Size of sample Extracted (L or kg)**

Compound 20 name: 3-Nitrotoluene Method File: ex25i01
Coefficient of Determination: 0.999665
Calibration curve: 0.0127940 * x + 0.00112758
Response type: Internal Std (Ref 15), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Analyst: Steve Cowling

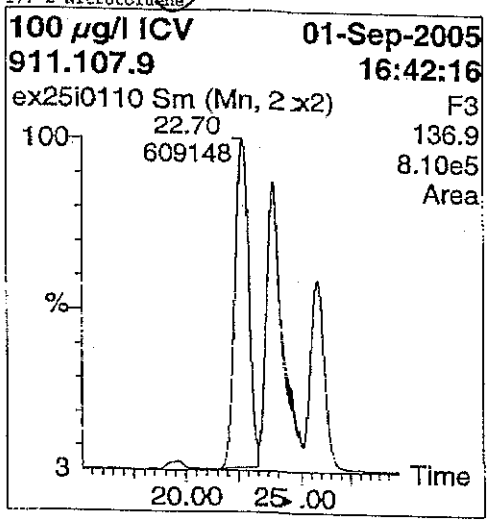
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11 =02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14 =10:02 2005
Job Code:

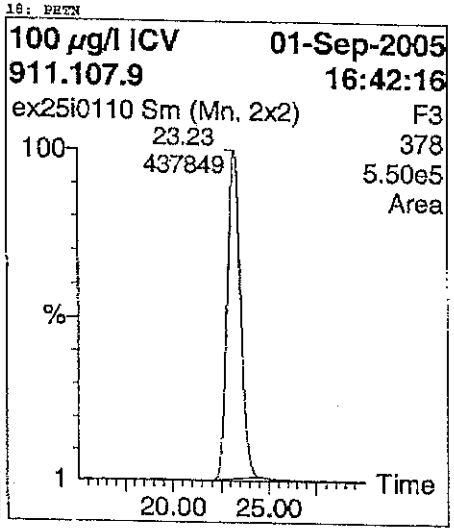
Printed: Sat Sep 03 11 =09:59 2005

Name: ex25i0110
Text: 100 µg/l ICV

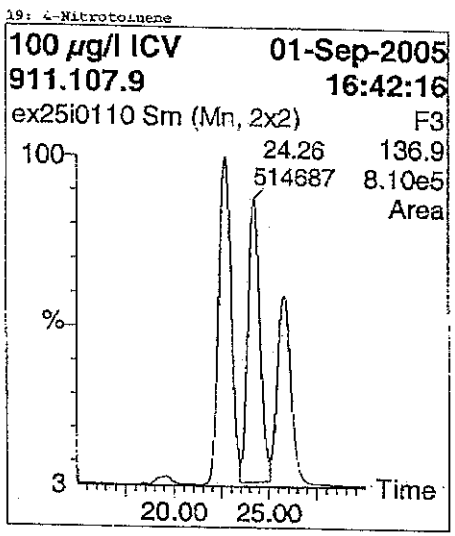
17: 2-Nitrotoluene



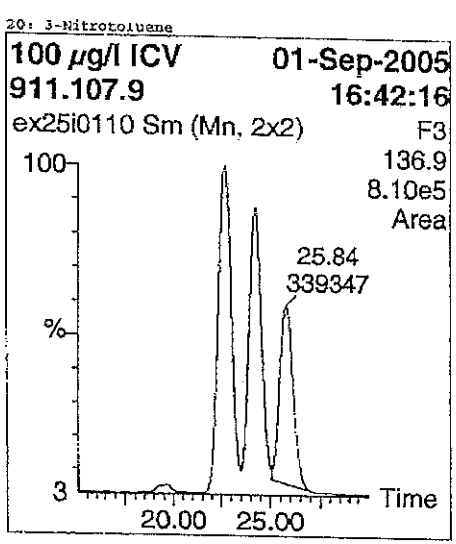
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.97	1385979	3393121	0.408	bs	86.988	86.99		
2	RDX 13C-3 284 (IS)	9.62	3393121		3393120..	bb	1.075	107.51		
3	RDX	9.60	959455	3393121	0.283	bb	90.520	90.52		
4	1,3,5-Trinitrobenzene	12.29	555754	756569	0.735	bb	96.465	96.47		
5	Tetryl	14.08	904891	756569	1.196	dd	79.173	79.17		
6	Dinitrobenzene-d4 (IS)	14.41	756569		756568...	bb	0.953	95.35		
7	1,3-Dinitrobenzene	14.55	370303	756569	0.489	bb	94.611	94.61		
8	Nitrobenzene-d5	15.54	304115	756569	0.402	bb	96.612	96.61		
9	Nitroglycerin	15.28	64238	756569	0.085	dd	100.832	100.83		
10	Nitrobenzene	15.80	302575	756569	0.400	bb	93.363	93.36		
11	2,4,6-Trinitrotoluene	17.09	1697645	756569	2.244	bb	85.706	85.71		
12	4-Amino-2,6-dinitrotoluene	17.87	913116	2890500	0.316	bd	94.454	94.45		
13	2-Amino-4,6-dinitrotoluene	19.24	1100784	2890500	0.381	db	113.039	113.04		
14	2,6-Dinitrotoluene	19.39	2830506	2890500	0.979	bd	106.101	106.10		
15	2,4-Dinitrotoluene-d3 (IS)	20.23	2890500		2890499..	MM	0.960	95.97	02-Sep-05	starts early
16	2,4-Dinitrotoluene	20.36	1259633	2890500	0.436	dd	84.924	84.92		
17	2-Nitrotoluene	22.70	609148	2890500	0.211	bd	94.786	94.79		
18	PETN	23.23	437849	2890500	0.151	bb	86.593	86.59		
19	4-Nitrotoluene	24.26	514687	2890500	0.178	dd	95.079	95.08		
20	3-Nitrotoluene	25.84	339347	2890500	0.117	db	90.881	90.88		

±30%

Analyst: Steve Cowling

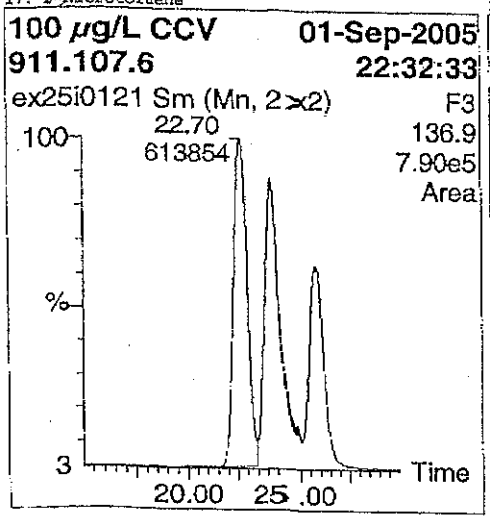
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11 = 02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14 = 10:02 2005
Job Code:

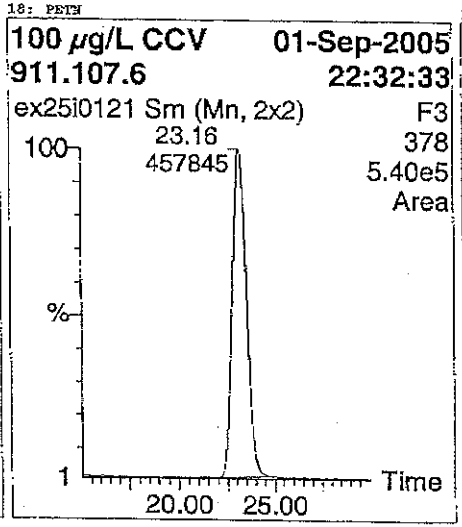
Printed: Sat Sep 03 11 = 09:59 2005

Name: ex25i0121
Text: 100 µg/L CCV

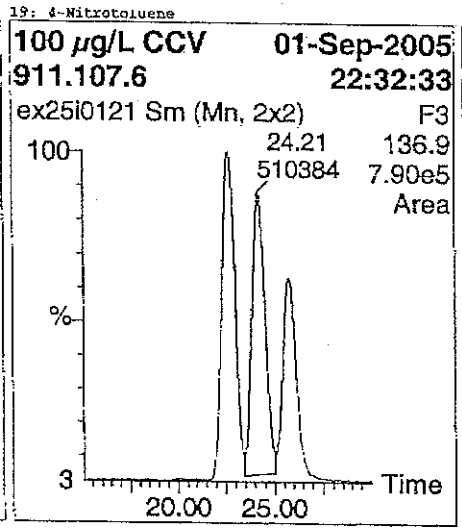
17: 2-Nitrotoluene



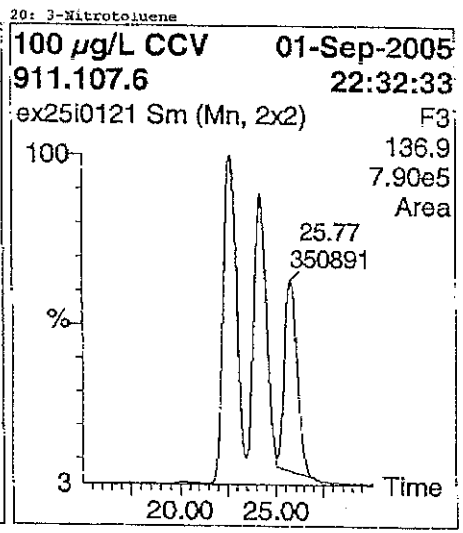
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.07	1590557	3684194	0.432	ds	93.093	93.09		
2	RDX 13C-3 284 (IS)	9.65	3684194		3684193..	bb	1.167	116.73		
3	RDX	9.65	1269502	3684194	0.317	bb	102.795	102.79		
4	1,3,5-Trinitrobenzene	13.29	576548	803057	0.718	bb	94.120	94.12		
5	Tetryl	14.08	1207872	803057	1.504	dd	100.396	100.40		
6	Dinitrobenzene-d4 (IS)	14.48	803057		803056...	bb	1.012	101.21		
7	1,3-Dinitrobenzene	14.61	445703	803057	0.555	bb	107.448	107.45		
8	Nitrobenzene-d5	15.47	297167	803057	0.370	bb	88.886	88.89		
9	Nitroglycerin	15.28	81804	803057	0.102	ds	121.560	121.56		
10	Nitrobenzene	15.80	310609	803057	0.387	bb	90.266	90.27		
11	2,4,6-Trinitrotoluene	17.09	1993894	803057	2.483	bb	94.853	94.85		
12	4-Amino-2,6-dinitrotoluene	17.87	975044	2911380	0.335	dd	100.096	100.10		
13	2-Amino-4,6-dinitrotoluene	19.24	966118	2911380	0.332	db	98.728	98.73		
14	2,6-Dinitrotoluene	19.39	2627575	2911380	0.903	bd	97.813	97.81		
15	2,4-Dinitrotoluene-d3 (IS)	20.23	2911380		2911380..	MM	0.967	96.66	02-Sep-05	starts early
16	2,4-Dinitrotoluene	20.36	1382719	2911380	0.475	dd	92.629	92.63		
17	2-Nitrotoluene	22.70	613854	2911380	0.211	bd	94.834	94.83		
18	PETN	23.16	457845	2911380	0.157	bb	90.257	90.26		
19	4-Nitrotoluene	24.21	510384	2911380	0.175	dd	93.606	93.61		
20	3-Nitrotoluene	25.77	350891	2911380	0.121	db	93.322	93.32		

± 30 /.

Analyst: Steve Cowling

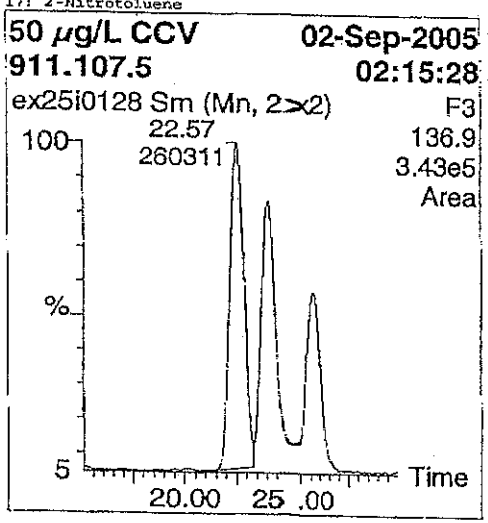
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11 = 02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14 = 10:02 2005
Job Code:

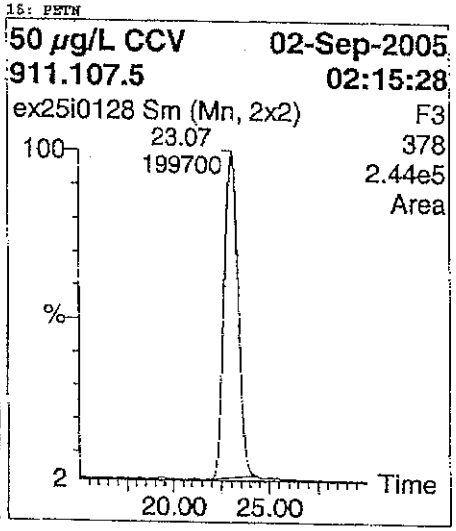
Printed: Sat Sep 03 11 = 09:59 2005

Name: ex25i0128
Text: 50 µg/L CCV

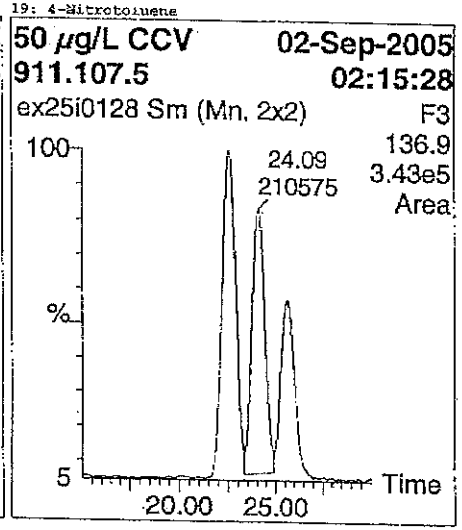
17: 2-Nitrotoluene



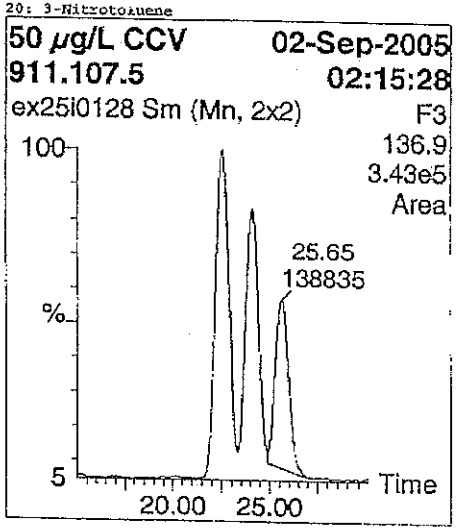
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.07	1017508	4219278	0.241	bb	46.195	92.39		
2	RDX 13C-3 284 (IS)	9.62	4219278	4219277..		bb	1.337	133.69		
3	RDX	9.60	701972	4219278	0.166	bb	50.900	101.80		
4	1,3,5-Trinitrobenzene	12.22	331219	618181	0.536	bb	68.529	137.06		S↑
5	Tetryl	14.01	459472	618181	0.792	dd	51.321	102.64		
6	Dinitrobenzene-d4 (IS)	14.41	618181	618181...		bb	0.779	77.91		
7	1,3-Dinitrobenzene	14.55	149534	618181	0.242	bb	46.139	92.28		
8	Nitrobenzene-d5	15.47	138644	618181	0.224	bb	53.606	107.21		S↑ no fs, no impact
9	Nitroglycerin	15.21	41529	618181	0.067	dd	79.162	158.32		
10	Nitrobenzene	15.73	132260	618181	0.214	bb	49.560	99.12		
11	2,4,6-Trinitrotoluene	17.03	820655	618181	1.328	bb	50.386	100.77		
12	4-Amino-2,6-dinitrotoluene	17.81	383245	2395070	0.160	dd	47.435	94.87		
13	2-Amino-4,6-dinitrotoluene	19.17	405601	2395070	0.169	db	50.236	100.47		
14	2,6-Dinitrotoluene	19.32	1111623	2395070	0.464	bd	50.458	100.92		✓
15	2,4-Dinitrotoluene-d3 (IS)	20.10	2395070	2395070..		MM	0.795	79.52	02-Sep-05	starts early
16	2,4-Dinitrotoluene	20.23	597153	2395070	0.249	dd	48.232	96.46		
17	2-Nitrotoluene	22.57	260311	2395070	0.109	bd	47.990	95.98		
18	PETN	23.07	199700	2395070	0.083	bb	45.362	90.72		
19	4-Nitrotoluene	24.09	210575	2395070	0.088	dd	46.906	93.81		
20	3-Nitrotoluene	25.65	138835	2395070	0.058	db	44.427	88.85		

Analyst: Steve Cowling

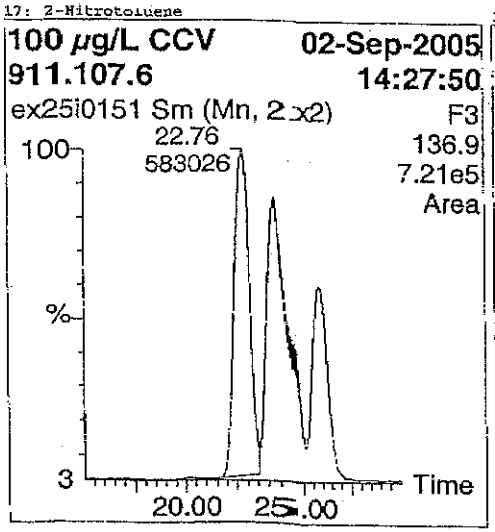
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last Modified: Sat Sep 03 11 :02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last Modified: Thu Sep 01 14 :10:02 2005
Job Code:

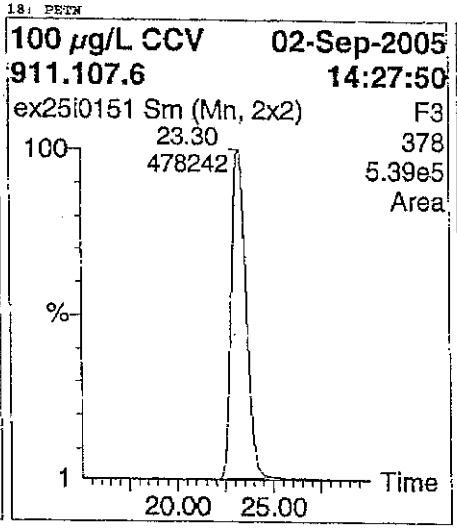
Printed: Sat Sep 03 11 :09:59 2005

Name: ex25i0151
Text: 100 µg/L CCV

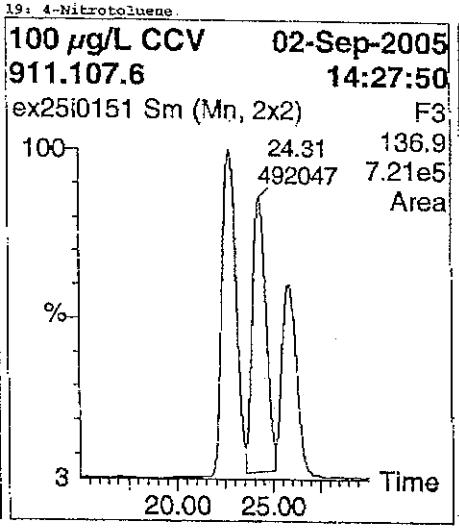
17: 2-Nitrotoluene



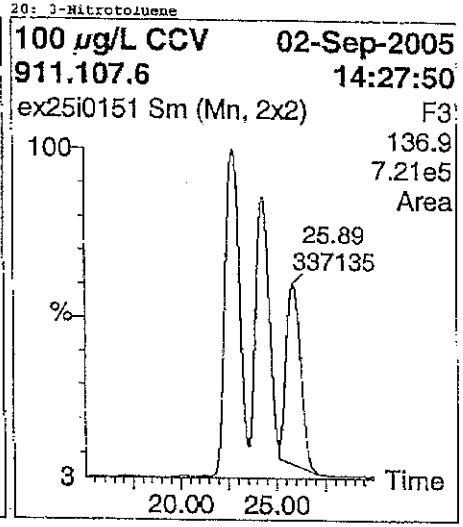
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	EMX	7.10	1590207	3756302	0.423	bs	90.879	90.88		
2	RDX 13C-3 284 (IS)	9.65	3756302	3756301..	1.000	bb	1.190	119.02		
3	RDX	9.65	1219045	3756302	0.325	bb	105.335	105.34		
4	1,3,5-Trinitrobenzene	12.29	615406	792261	0.777	bb	102.424	102.42		
5	Tetryl	14.14	1159693	792261	1.464	MM	97.619	97.62	03-Sep-05	ends late
6	Dinitrobenzene-d4 (IS)	14.48	792261	792261...	1.000	bb	0.998	99.85		
7	1,3-Dinitrobenzene	14.61	387674	792261	0.489	bb	94.587	94.59		
8	Nitrobenzene-d5	15.54	287857	792261	0.363	bb	87.262	87.26		
9	Nitroglycerin	15.34	62512	792261	0.079	dd	93.493	93.49		
10	Nitrobenzene	15.86	289182	792261	0.365	bb	85.138	85.14		
11	2,4,6-Trinitrotoluene	17.09	2022556	792261	2.553	bb	97.527	97.53		
12	4-Amino-2,6-dinitrotoluene	17.94	947396	2768895	0.342	dd	102.243	102.24		
13	2-Amino-4,6-dinitrotoluene	19.30	1021097	2768895	0.369	db	109.530	109.53		
14	2,6-Dinitrotoluene	19.45	2579426	2768895	0.932	bd	100.952	100.95		
15	2,4-Dinitrotoluene-d3 (IS)	20.30	2768895	2768895..	1.000	MM	0.919	91.93	03-Sep-05	starts early
16	2,4-Dinitrotoluene	20.36	1336440	2768895	0.483	dd	94.149	94.15		
17	2-Nitrotoluene	22.76	583026	2768895	0.211	bd	94.704	94.70		
18	PETN	23.30	478242	2768895	0.173	bb	100.193	100.19		
19	4-Nitrotoluene	24.31	492047	2768895	0.178	dd	94.888	94.89		
20	3-Nitrotoluene	25.89	337135	2768895	0.122	db	94.286	94.29		

Analyst: Steve Cowling

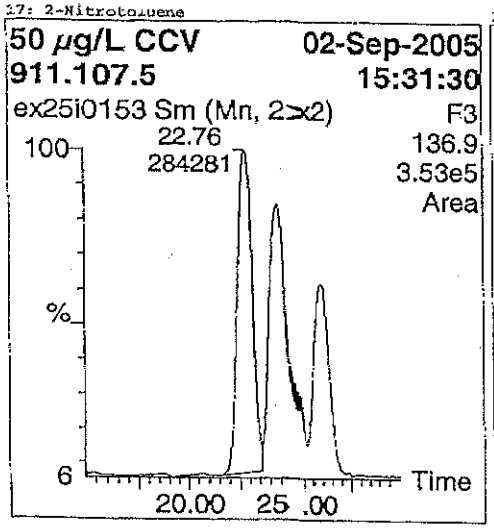
Quantify Sample Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11:02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14:10:02 2005
Job Code:

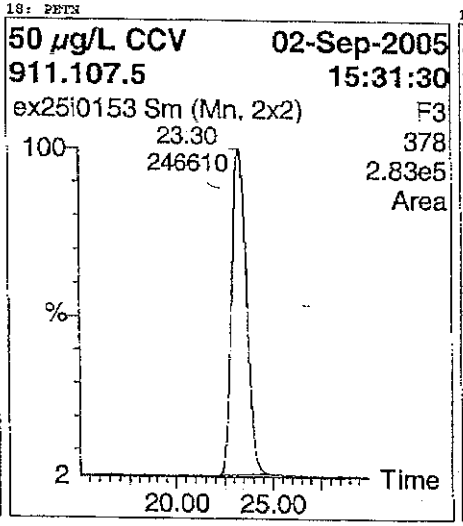
Printed: Sat Sep 03 11:09:59 2005

Name: ex25i0153
Text: 50 µg/L CCV

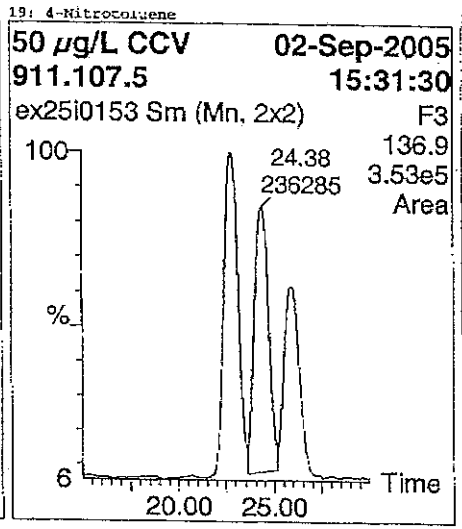
17: 2-Nitrotoluene



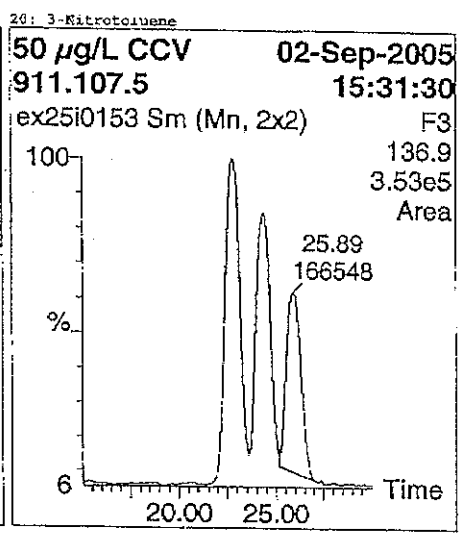
18: PETN



19: 4-Nitrotoluene



20: 3-Nitrotoluene



#	Name	RT	Area	IS Area	Response	Flags	Result	%Rec	Mod.Date	Mod.Comment
1	HMX	7.10	968570	3735800	0.259	bs	50.378	100.76		
2	RDX 13C-3 284 (IS)	9.65	3735800		3735800..	bb	1.184	118.37		
3	RDX	9.68	627344	3735800	0.168	bb	51.414	102.83		
4	1,3,5-Trinitrobenzene	12.36	329760	744385	0.443	bb	55.560	111.12		
5	Tetryl	14.14	608481	744385	0.817	dd	53.087	106.17		
6	Dinitrobenzene-d4 (IS)	14.48	744385		744385...	bb	0.938	93.81		
7	1,3-Dinitrobenzene	14.61	192467	744385	0.259	bb	49.402	98.80		
8	Nitrobenzene-d5	15.60	143013	744385	0.192	bb	45.824	91.65		
9	Nitroglycerin	15.34	36096	744385	0.048	ds	56.317	112.63		
10	Nitrobenzene	15.86	141002	744385	0.189	bb	43.783	87.57		
11	2,4,6-Trinitrotoluene	17.16	1053321	744385	1.415	bb	53.775	107.55		
12	4-Amino-2,6-dinitrotoluene	17.94	489786	2681674	0.183	dd	54.344	108.69		
13	2-Amino-4,6-dinitrotoluene	19.30	492221	2681674	0.184	db	54.539	109.08		
14	2,6-Dinitrotoluene	19.45	1255297	2681674	0.468	bd	50.887	101.77		
15	2,4-Dinitrotoluene-d3 (IS)	20.30	2681674		2681673..	PM	0.898	89.84	03-Sep-05	starts early
16	2,4-Dinitrotoluene	20.43	667981	2681674	0.249	dd	48.186	96.37		
17	2-Nitrotoluene	22.76	284281	2681674	0.106	bd	46.762	93.52		
18	PETN	23.30	246610	2681674	0.092	bb	50.378	100.76		
19	4-Nitrotoluene	24.38	236285	2681674	0.088	dd	47.008	94.02		
20	3-Nitrotoluene	25.89	166548	2681674	0.062	db	47.662	95.32		

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11:02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14:10:02 2005
Job Code:

Printed: Sat Sep 03 11:09:37 2005

Compound 2: RDX 13C-3 284 (IS) Sample List: ex25i01(2) Method File: ex25i01
Response Factor: 3.15613e6
RRF SD: 150258, % Relative SD: 4.7608%
Response type: External Std, Area
Curve type: RF

50-200

#	Name	ID	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result(µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i0101	911.107.1	blank	Blank		9.73	2591593		0	2591592.750	bb	0.821	82.1	1.000	1.000	1.00	50	ex25i01
2	ex25i0102	911.107.2	5 µg/L	Standard	1.00	9.65	3061777		0	3061776.750	bb	0.970	97.0	1.000	1.000	1.00	50	ex25i01
3	ex25i0103	911.107.3	10 µg/L	Standard	1.00	9.62	3308598		0	3308598.250	bb	1.048	104.8	1.000	1.000	1.00	50	ex25i01
4	ex25i0104	911.107.4	25 µg/L	Standard	1.00	9.65	3367113		0	3367113.250	bb	1.067	106.7	1.000	1.000	1.00	50	ex25i01
5	ex25i0105	911.107.5	50 µg/L	Standard	1.00	9.65	3011180		0	3011180.000	bb	0.954	95.4	1.000	1.000	1.00	50	ex25i01
6	ex25i0106	911.107.6	100 µg/L	Standard	1.00	9.65	2976749		0	2976748.500	bb	0.943	94.3	1.000	1.000	1.00	50	ex25i01
7	ex25i0107	911.107.7	200 µg/L	Standard	1.00	9.62	3138523		0	3138522.500	bb	0.994	99.4	1.000	1.000	1.00	50	ex25i01
8	ex25i0108	911.107.8	300 µg/L	Standard	1.00	9.65	3228959		0	3228959.250	bb	1.023	102.3	1.000	1.000	1.00	50	ex25i01
9	ex25i0109	911.107.1	blank	Blank		9.68	3202484		0	3202484.250	bb	1.015	101.5	1.000	1.000	1.00	50	ex25i01
10	ex25i0110	911.107.9	100 µg/l ICV	QC	1.00	9.62	3393121		0	3393120.750	bb	1.075	107.5	1.000	1.000	1.00	50	ex25i01
11	ex25i0111	HJG371AA	RSH290040-577 MB	Blank		9.75	2863133		0	2863133.000	bb	0.907	90.7	5.000	1000.000	1.00	50	ex25i01
12	ex25i0112	HJG371AC	RSH290040-577 LCS	QC	1.00	9.78	2898948		0	2898948.000	bb	0.919	91.9	5.000	1000.000	1.00	50	ex25i01
13	ex25i0113	HG02D4AA	D5H040380-1	Analyte		9.78	2001723		0	2001723.250	MM	0.634	63.4	5.000	890.000	1.00	50	ex25i01
14	ex25i0114	HJDG81AA	D5H260313-19	Analyte		9.75	3122699		0	3122698.750	bb	0.989	98.9	5.000	1044.000	1.00	50	ex25i01
15	ex25i0115	HJDHC1AA	D5H260313-20	Analyte		9.75	3233278		0	3233278.000	bb	1.024	102.4	5.000	1050.000	1.00	50	ex25i01
16	ex25i0116	HJDHE1AA	D5H260313-21	Analyte		9.78	3236270		0	3236270.000	bb	1.025	102.5	5.000	1019.000	1.00	50	ex25i01
17	ex25i0117	HJDHE1AC	D5H260313-21 MS	QC	1.00	9.78	3044018		0	3044018.000	bb	0.964	96.4	5.000	1040.000	1.00	50	ex25i01
18	ex25i0118	HJDHE1AD	D5H260313-21 MSD	QC	1.00	9.75	3042744		0	3042744.250	bb	0.964	96.4	5.000	1022.000	1.00	50	ex25i01
19	ex25i0119	HJDHG1AA	D5H260313-22	Analyte		9.75	2467826		0	2467825.500	bb	0.782	78.2	5.000	1038.000	1.00	50	ex25i01
20	ex25i0120	HJDHK1AA	D5H260313-23	Analyte		9.75	2745497		0	2745497.250	bb	0.870	87.0	5.000	1026.000	1.00	50	ex25i01
21	ex25i0121	911.107.6	100 µg/L CCV	QC	1.00	9.65	3684194		0	3684193.750	bb	1.167	116.7	1.000	1.000	1.00	50	ex25i01
22	ex25i0122	HJDH1AA	D5H260313-24	Analyte		9.75	3191554		0	3191553.500	bb	1.011	101.1	5.000	1060.000	1.00	50	ex25i01
23	ex25i0123	HJDHV1AA	D5H260313-25	Analyte		9.73	3301647		0	3301646.750	bb	1.046	104.6	5.000	1001.000	1.00	50	ex25i01
24	ex25i0124	HJDH01AA	D5H260313-26	Analyte		9.73	3458350		0	3458349.500	bb	1.096	109.6	5.000	1040.000	1.00	50	ex25i01
25	ex25i0125	HJDH31AA	D5H260313-27	Analyte		9.73	4025064		0	4025063.500	bb	1.275	127.5	5.000	1059.000	1.00	50	ex25i01
26	ex25i0126	HJDH41AA	D5H260313-28	Analyte		9.73	3685773		0	3685772.750	bb	1.168	116.8	5.000	1030.000	1.00	50	ex25i01
27	ex25i0127	HJD5R1AA	D.5H260431-1	Analyte		9.73	3844845		0	3844844.750	bb	1.218	121.8	5.000	903.000	1.00	50	ex25i01
28	ex25i0128	911.107.5	50 µg/L CCV	QC	1.00	9.62	4219278		0	4219277.500	bb	1.337	133.7	1.000	1.000	1.00	50	ex25i01
29	ex25i0151	911.107.6	100 µg/L CCV	QC	1.00	9.65	3756302		0	3756301.750	bb	1.190	119.0	1.000	1.000	1.00	50	ex25i01
30	ex25i0152	HG02D4AA	D 5H040380-1 10X	Analyte		9.70	3084463		0	3084462.750	bb	0.977	97.7	5.000	890.000	10.00	50	ex25i01
31	ex25i0153	911.107.5	50 µg/L CCV	QC	1.00	9.65	3735800		0	3735800.000	bb	1.184	118.4	1.000	1.000	1.00	50	ex25i01

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\MassLynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11:02:56 2005
Method: C:\MassLynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14:10:02 2005
Job Code:

Printed: Sat Sep 03 11:09:37 2005

Compound 6: Dinitrobenzene-d4 (IS) Sample List: ex25i01(2) Method File: ex25i01
Response Factor: 793475
RRF SD: 34758.1, % Relative SD: 4.38050
Response type: External Std, Area
Curve type: RF

#	Name	ID	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result(µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i0101	911.107.1	Blank	Blank		14.55	742291		0	742290.688	bb	0.936	93.5	1.000	1.000	1.00	50	ex25i01
2	ex25i0102	911.107.2	5 µg/L	Standard	1.00	14.41	791291		0	791291.000	bb	0.997	99.7	1.000	1.000	1.00	50	ex25i01
3	ex25i0103	911.107.3	10 µg/L	Standard	1.00	14.48	805609		0	805608.625	bb	1.015	101.5	1.000	1.000	1.00	50	ex25i01
4	ex25i0104	911.107.4	25 µg/L	Standard	1.00	14.48	859490		0	859489.500	bb	1.083	108.3	1.000	1.000	1.00	50	ex25i01
5	ex25i0105	911.107.5	50 µg/L	Standard	1.00	14.48	804214		0	804213.875	bb	1.014	101.4	1.000	1.000	1.00	50	ex25i01
6	ex25i0106	911.107.6	100 µg/L	Standard	1.00	14.48	773426		0	773425.875	bb	0.975	97.5	1.000	1.000	1.00	50	ex25i01
7	ex25i0107	911.107.7	200 µg/L	Standard	1.00	14.48	759940		0	759940.375	bb	0.958	95.8	1.000	1.000	1.00	50	ex25i01
8	ex25i0108	911.107.8	300 µg/L	Standard	1.00	14.48	760354		0	760354.125	bb	0.958	95.8	1.000	1.000	1.00	50	ex25i01
9	ex25i0109	911.107.1	blank	Blank		14.48	772065		0	772064.875	bb	0.973	97.3	1.000	1.000	1.00	50	ex25i01
10	ex25i0110	911.107.9	100 µg/l ICV	QC	1.00	14.41	756569		0	756568.875	bb	0.953	95.3	1.000	1.000	1.00	50	ex25i01
11	ex25i0111	HJG371AA	RSH290000-577 MB	Blank		14.61	733513		0	733512.938	bb	0.924	92.4	5.000	1000.000	1.00	50	ex25i01
12	ex25i0112	HJG371AC	RSH290000-577 LCS	QC	1.00	14.61	736201		0	736201.438	bb	0.928	92.8	5.000	1000.000	1.00	50	ex25i01
13	ex25i0113	HG02D4AA	DSH040380-i	Analyte		14.61	740663		0	740663.188	bb	0.933	93.3	5.000	890.000	1.00	50	ex25i01
14	ex25i0114	HJDG81AA	DSH260313-19	Analyte		14.61	737809		0	737808.625	bb	0.930	93.0	5.000	1044.000	1.00	50	ex25i01
15	ex25i0115	HJDHC1AA	DSH260313-20	Analyte		14.61	770217		0	770217.000	bb	0.971	97.1	5.000	1050.000	1.00	50	ex25i01
16	ex25i0116	HJDHE1AA	DSH260313-21	Analyte		14.61	753173		0	753172.875	bb	0.949	94.9	5.000	1019.000	1.00	50	ex25i01
17	ex25i0117	HJDHE1AC	DSH260313-21 MS	QC	1.00	14.61	913891		0	913891.375	bb	1.152	115.2	5.000	1040.000	1.00	50	ex25i01
18	ex25i0118	HJDHE1AD	DSH260313-21 MSD	QC	1.00	14.61	810855		0	810855.563	bb	1.022	102.2	5.000	1022.000	1.00	50	ex25i01
19	ex25i0119	HJDHG1AA	DSH260313-22	Analyte		14.55	604467		0	604467.125	bb	0.762	76.2	5.000	1038.000	1.00	50	ex25i01
20	ex25i0120	HJDHK1AA	DSH260313-23	Analyte		14.55	660149		0	660149.250	bb	0.832	83.2	5.000	1024.000	1.00	50	ex25i01
21	ex25i0121	911.107.6	100 µg/L CCV	QC	1.00	14.48	803057		0	803056.750	bb	1.012	101.2	1.000	1.000	1.00	50	ex25i01
22	ex25i0122	HJDHM1AA	DSH260313-24	Analyte		14.55	745719		0	745718.625	bb	0.940	94.0	5.000	1060.000	1.00	50	ex25i01
23	ex25i0123	HJDHV1AA	DSH260313-25	Analyte		14.55	739560		0	739559.500	bb	0.932	93.2	5.000	1001.000	1.00	50	ex25i01
24	ex25i0124	HJDH01AA	DSH260313-26	Analyte		14.55	711935		0	711935.188	bb	0.897	89.7	5.000	1040.000	1.00	50	ex25i01
25	ex25i0125	HJDR31AA	DSH260313-27	Analyte		14.55	943340		0	943340.063	bb	1.189	118.9	5.000	1059.000	1.00	50	ex25i01
26	ex25i0126	HJDH41AA	DSH260313-28	Analyte		14.48	958128		0	958127.813	bb	1.208	120.8	5.000	1030.000	1.00	50	ex25i01
27	ex25i0127	HJD5R1AA	DSH260431-1	Analyte		14.48	742163		0	742162.500	bb	0.935	93.5	5.000	903.000	1.00	50	ex25i01
28	ex25i0128	911.107.5	50 µg/L CCV	QC	1.00	14.41	618181		0	618181.000	bb	0.779	77.9	1.000	1.000	1.00	50	ex25i01
29	ex25i0151	911.107.6	100 µg/L CCV	QC	1.00	14.48	792261		0	792261.188	bb	0.998	99.8	1.000	1.000	1.00	50	ex25i01
30	ex25i0152	HG02D4AA	DSH040380-i 10X	Analyte		14.48	799138		0	799138.313	bb	1.007	100.7	5.000	890.000	10.00	50	ex25i01
31	ex25i0153	911.107.5	50 µg/L CCV	QC	1.00	14.48	744385		0	744385.313	bb	0.938	93.8	1.000	1.000	1.00	50	ex25i01

Analyst: Steve Cowling

Quantify Compound Summary Report
Explosives Analysis

Sample List: C:\Masslynx\Explosives.PRO\SampleDB\ex25i01(2)
Last modified: Sat Sep 03 11 :02:56 2005
Method: C:\Masslynx\EXPLOSIVES.PRO\MethDB\ex25i01
Last modified: Thu Sep 01 14 :10:02 2005
Job Code:

Printed: Sat Sep 03 11 :09:37 2005

Compound 15: 2,4-Dinitrotoluene-d3 (IS) Sample List: ex25i01(2) Method File: ex25i01
Response Factor: 3.01190e6
RRF SD: 86940.3, % Relative SD: 2.88656
Response type: External Std, Area
Curve type: RF

#	Name	ID	Sample Text	Type	Std C..	RT	Area	IS Area	IS#	Response	Flags	Result (µg/L or kg)	%Rec	Vf(mL)	Vs(mL or g)	DF	Inj	Cal.File
1	ex25i0101	911.107.1	Blank	Blank		20.36	2852702		0	2852702.000	db	0.947	94.7	1.000	1.000	1.00	50	ex25i01
2	ex25i0102	911.107.2	5 µg/L	Standard	1.00	20.17	2983443		0	2983442.500	dd	0.991	99.1	1.000	1.000	1.00	50	ex25i01
3	ex25i0103	911.107.3	10 µg/L	Standard	1.00	20.23	3111500		0	3111499.750	dd	1.033	103.3	1.000	1.000	1.00	50	ex25i01
4	ex25i0104	911.107.4	25 µg/L	Standard	1.00	20.30	3100568		0	3100567.750	dd	1.029	102.9	1.000	1.000	1.00	50	ex25i01
5	ex25i0105	911.107.5	50 µg/L	Standard	1.00	20.23	3046312		0	3046312.250	dd	1.011	101.1	1.000	1.000	1.00	50	ex25i01
6	ex25i0106	911.107.6	100 µg/L	Standard	1.00	20.30	3013778		0	3013778.000	dd	1.001	100.1	1.000	1.000	1.00	50	ex25i01
7	ex25i0107	911.107.7	200 µg/L	Standard	1.00	20.23	2970171		0	2970171.000	MM	0.986	98.6	1.000	1.000	1.00	50	ex25i01
8	ex25i0108	911.107.8	300 µg/L	Standard	1.00	20.23	2857528		0	2857527.750	MM	0.949	94.9	1.000	1.000	1.00	50	ex25i01
9	ex25i0109	911.107.1	Blank	Blank		20.30	2698591		0	2698590.750	dd	0.896	89.6	1.000	1.000	1.00	50	ex25i01
10	ex25i0110	911.107.9	100 µg/L ICV	QC	1.00	20.23	2890500		0	2890499.750	MM	0.960	96.0	1.000	1.000	1.00	50	ex25i01
11	ex25i0111	HJG371AA	R_5H290000-577 MB	Blank		20.43	2702928		0	2702928.250	dd	0.897	89.7	5.000	1000.000	1.00	50	ex25i01
12	ex25i0112	HJG371AC	R_5H290000-577 LCS	QC	1.00	20.43	2712582		0	2712581.500	dd	0.901	90.1	5.000	1000.000	1.00	50	ex25i01
13	ex25i0113	HG02D4AA	D_5H040380-1	Analyte		20.42	2831144		0	2831144.250	dd	0.940	94.0	5.000	890.000	1.00	50	ex25i01
14	ex25i0114	HJDG81AA	D_5H260313-19	Analyte		20.43	2773586		0	2773586.000	dd	0.921	92.1	5.000	1044.000	1.00	50	ex25i01
15	ex25i0115	HJDHC1AA	D_5H260313-20	Analyte		20.43	2870468		0	2870467.750	dd	0.953	95.3	5.000	1050.000	1.00	50	ex25i01
16	ex25i0116	HJDHE1AA	D_5H260313-21	Analyte		20.49	2834208		0	2834207.500	dd	0.941	94.1	5.000	1019.000	1.00	50	ex25i01
17	ex25i0117	HJDHE1AC	D_5H260313-21 MS	QC	1.00	20.36	3601653		0	3601653.250	dd	1.196	119.6	5.000	1040.000	1.00	50	ex25i01
18	ex25i0118	HJDHE1AD	D_5H260313-21 MSD	QC	1.00	20.43	3186302		0	3186302.250	dd	1.058	105.8	5.000	1022.000	1.00	50	ex25i01
19	ex25i0119	HJDHG1AA	D_5H260313-22	Analyte		20.36	2332438		0	2332437.750	dd	0.774	77.4	5.000	1038.000	1.00	50	ex25i01
20	ex25i0120	HJDHK1AA	D_5H260313-23	Analyte		20.36	2611555		0	2611555.250	dd	0.867	86.7	5.000	1024.000	1.00	50	ex25i01
21	ex25i0121	911.107.6	100 µg/L CCV	QC	1.00	20.23	2911380		0	2911380.000	MM	0.967	96.7	1.000	1.000	1.00	50	ex25i01
22	ex25i0122	HJDHM1AA	D_5H260313-24	Analyte		20.36	2680846		0	2680846.000	dd	0.890	89.0	5.000	1060.000	1.00	50	ex25i01
23	ex25i0123	HJDHV1AA	D_5H260313-25	Analyte		20.30	2873140		0	2873140.000	dd	0.954	95.4	5.000	1001.000	1.00	50	ex25i01
24	ex25i0124	HJDH01AA	D_5H260313-26	Analyte		20.30	2916339		0	2916338.750	dd	0.968	96.8	5.000	1040.000	1.00	50	ex25i01
25	ex25i0125	HJDH31AA	D_5H260313-27	Analyte		20.36	3271259		0	3271258.750	dd	1.086	108.6	5.000	1059.000	1.00	50	ex25i01
26	ex25i0126	HJDH41AA	D_5H260313-28	Analyte		20.30	3386696		0	3386695.500	dd	1.124	112.4	5.000	1030.000	1.00	50	ex25i01
27	ex25i0127	HJDSR1AA	D_5H26043i-i	Analyte		20.23	3059966		0	3059966.250	dd	1.016	101.6	5.000	903.000	1.00	50	ex25i01
28	ex25i0128	911.107.5	0 µg/L CCV	QC	1.00	20.10	2395070		0	2395070.000	MM	0.795	79.5	1.000	1.000	1.00	50	ex25i01
29	ex25i0151	911.107.6	100 µg/L CCV	QC	1.00	20.30	2768895		0	2768895.000	MM	0.919	91.9	1.000	1.000	1.00	50	ex25i01
30	ex25i0152	HG02D4AA	D_5H040380-i 10X	Analyte		20.30	2938244		0	2938244.000	MM	0.976	97.6	5.000	890.000	10.00	50	ex25i01
31	ex25i0153	911.107.5	0 µg/L CCV	QC	1.00	20.30	2681674		0	2681673.500	MM	0.890	89.0	1.000	1.000	1.00	50	ex25i01

Analyst: Steve Cowling

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/30/05
Time: 15:10:56

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 006091 Jon Laviolette

Concentrationist: 006091 Jon Laviolette

Reviewer/Date: LAVIOLJA / 8/30/05

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* QC BATCH: 5242085 *
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PREP DATE: 8/30/05 10:00
COMP DATE: 8/30/05 15:00

8321A, Explosives by LCMS
SOLID PHASE EXTRACTION (NOMINAL)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH'S INIT	PH'S ADJ1	PH'S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
8/31/05	9/09/05	D5H260313-001 HJDD9-1-AA	D	B7	BX	WATER	1028mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-002 HJDEC-1-AA	D	B7	BX	WATER	1054mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-003 HJDFM-1-AA	D	B7	BX	WATER	1058mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-004 HJDFP-1-AA	D	B7	BX	WATER	1051mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-005 HJDFV-1-AA	D	B7	BX	WATER	1040mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-006 HJDF0-1-AA	D	B7	BX	WATER	1044mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-007 HJDF5-1-AA	D	B7	BX	WATER	1060mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/30/05
Time: 15:10:56

QC BATCH: 5242085

PREP DATE: 8/30/05 10:00
COMP DATE: 8/30/05 15:00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH'S INIT	PH'S ADJ1	PH'S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
8/31/05	9/09/05	D5H260313-008 HJDF7-1-AA	D	B7	BX	WATER	1042mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-009 HJDGA-1-AA	D	B7	BX	WATER	1041mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-010 HJDGE-1-AA	D	B7	BX	WATER	1040mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-011 HJDGL-1-AA	D	B7	BX	WATER	1018mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-012 HJDGN-1-AA	D	B7	BX	WATER	1052mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-013 HJDGQ-1-AA	D	B7	BX	WATER	1056mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-014 HJDGR-1-AA	D	B7	BX	WATER	1010mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-015 HJDGX-1-AA	D	B7	BX	WATER	1050mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-016 HJDG1-1-AA	D	B7	BX	WATER	1039mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-017 HJDG3-1-AA	D	B7	BX	WATER	1043mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/30/05
Time: 15:10:56

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* QC BATCH: 5242085 *
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PREP DATE: 8/30/05 10:00
COMP DATE: 8/30/05 15:00

EXTR EXPR	ANL DUE	L.OT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
8/31/05	9/09/05	D5H260313-018 HJDG5-1-AA	D	B7	BX	WATER	1044mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-018 HJDG5-1-ACS	D	B7	BX	WATER	1007mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.54.2 1.0 ML 7-29-05 911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	9/09/05	D5H260313-018 HJDG5-1-ADD	D	B7	BX	WATER	1049mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.54.2 1.0 ML 7-29-05 911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	0/00/00	R5H300000-085 HJHG1-1-AAB		B7	BX	WATER	1000mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.69.1 1.0 ML 8-8-05
COMMENTS:															
8/31/05	0/00/00	R5H300000-085 HJHG1-1-ACC		B7	BX	WATER	1000mL 5.00mL	NA	NA	NA	ACN	2.5		.0	911.54.2 1.0 ML 7-29-05 911.69.1 1.0 ML 8-8-05
COMMENTS:															

DEN-LC-0010 ACN:B 23814 H2O:ELGA,A02E00 CART:S214-17,P214120303 S/S:JL W:JC
1% ACETIC:911.52.2

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS /MSD

NUMBER OF WORK ORDERS IN BATCH: 22

STL Denver

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 9/03/05
Time: 12:58:18

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
			Y	Y	computer batch: correct & all match
			Y	Y	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 00 7183 Michael T. Dedio

Concentrationist: 007183 Michael T. Dedio

Reviewer/Date: SCHNEIDA / 8/29/05

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* QC BATCH: 5241577 *
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PREP DATE: 8/29/05 11:00
COMP DATE: 8/29/05 23:40

8321A, Explosives by LCMS
SOLID PHASE EXTRACTION (NOMINAL)

EXTR EXPR	ANL DUE	LAOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH'S INIT	PH'S ADJ1	PH'S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
8/09/05	8/22/05	D5H040380-001 HG02D-4-AA	D	B7	BX	WATER	890mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/09/05	8/22/05	D5H040380-001 HG02D-5-AA	D	B7	BX	WATER	890mL 5.00mL	NA	NA	NA		.0		.0	
COMMENTS:															
8/31/05	9/09/05	D5H260313-019 HJDG8-1-AA	D	B7	BX	WATER	1044mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-020 HJDHC-1-AA	D	B7	BX	WATER	1050mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-021 HJDHE-1-AA	D	B7	BX	WATER	1019mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-021 HJDHE-1-ACS	D	B7	BX	WATER	1040mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.54.2 7/29/05 1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-021 HJDHE-1-ADD	D	B7	BX	WATER	1022mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.54.2 7/29/05 1.0ML 911.69.1 8/8/05
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 9/03/05
Time: 12:58:18

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* *
* QC BATCH: 5241577 *
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PREP DATE: 8/29/05 11:00
COMP DATE: 8/29/05 23:40

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH'S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
8/31/05	9/09/05	D5H260313-022 HJDHG-1-AA	D	B7	BX	WATER	1038mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-023 HJDHK-1-AA	D	B7	BX	WATER	1024mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-024 HJDHM-1-AA	D	B7	BX	WATER	1060mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-025 HJDHV-1-AA	D	B7	BX	WATER	1001mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-026 HJDH0-1-AA	D	B7	BX	WATER	1040mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-027 HJDH3-1-AA	D	B7	BX	WATER	1059mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/09/05	D5H260313-028 HJDH4-1-AA	D	B7	BX	WATER	1030mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/31/05	9/12/05	D5H260431-001 HJD5R-1-AA	D	B7	BX	WATER	903mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/09/05	0/00/00	R5H290000-577 HJG37-1-AAB		B7	BX	WATER	1000mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.69.1 8/8/05
COMMENTS:															
8/09/05	0/00/00	R5H290000-577 HJG37-1-ACC		B7	BX	WATER	1000mL 5.00mL	NA	NA	NA	ACN	2.5		.0	1.0ML 911.54.2 7/29/05 1.0ML 911.69.1 8/8/05
COMMENTS:															

DEN-LC-0010 H2O: ELGA, A02E00 ACN:B15E27 CART:S214-18, 10940-3
0.1%ACETIC:911.52.2 S/S:MTD W:NC

SECTION 4

DUPONT DATA REVIEW OUTPUT

DUPONT DATA REVIEW REPORTS

DDR REPORT SUMMARY

BAR - PRIVATE WELL MONITORING 8/05

Prepared by: NORDSTSA
Data from: ENV1P

Start Processing Time 10/4/2005 3:45:00 PM
Finished Processing Time 10/4/2005 3:45:10 PM
Processing Time Duration 10 Seconds

SITE	PROJECT	MATRIX	THEME	SMPLT	COUNT(*)
BAR	PRIVATE WELL MONITORING 8/05	WATER	Groundwater	DUP	1
BAR	PRIVATE WELL MONITORING 8/05	WATER	Groundwater	FS	27

SITE	PROJECT	LAB	METHOD_CODE
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	QES-DEN	8321

SITE	PROJECT	SAMPLENO	LOCATION	LAB	LAB_ID	DATESMPL	THEME	SMPLT
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29025E-INFLOW	29025E-INFLOW	QES-DEN	HJDG51-AA FS	8/24/2005 11:25	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29040E-INFLOW	29040E-INFLOW	QES-DEN	HJDHM1-AA FS	8/24/2005 12:35	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29190E-INFLOW	29190E-INFLOW	QES-DEN	HJDFM1-AA FS	8/24/2005 16:55	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29238E-INFLOW	29238E-INFLOW	QES-DEN	HJDGN1-AA FS	8/24/2005 12:15	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29240E-INFLOW	29240E-INFLOW	QES-DEN	HJDGQ1-AA FS	8/24/2005 12:20	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29250E-INFLOW	29250E-INFLOW	QES-DEN	HJDF51-AA FS	8/24/2005 12:45	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29310E-INFLOW	29310E-INFLOW	QES-DEN	HJDGE1-AA FS	8/24/2005 14:05	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29310E-INFLOW-DUP	29310E-INFLOW	QES-DEN	HJDFV1-AA FS	8/24/2005 14:05	Groundwater	DUP
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29360E-INFLOW	29360E-INFLOW	QES-DEN	HJDD91-AA FS	8/24/2005 14:15	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29430E-INFLOW	29430E-INFLOW	QES-DEN	HJDGL1-AA FS	8/24/2005 14:25	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29440E-INFLOW	29440E-INFLOW	QES-DEN	HJDF01-AA FS	8/24/2005 14:35	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29700E-INFLOW	29700E-INFLOW	QES-DEN	HJDHG1-AA FS	8/24/2005 14:45	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-29745E-INFLOW	29745E-INFLOW	QES-DEN	HJDHE1-AA FS	8/24/2005 14:50	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-30075M-INFLOW	30075M-INFLOW	QES-DEN	HJDHC1-AA FS	8/24/2005 15:55	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-30095M-INFLOW	30095M-INFLOW	QES-DEN	HJDGR1-AA FS	8/24/2005 15:55	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-30175M-INFLOW	30175M-INFLOW	QES-DEN	HJDGX1-AA FS	8/24/2005 15:50	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-30175MB-INFLOW	30175MB-INFLOW	QES-DEN	HJDHK1-AA FS	8/24/2005 15:52	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-30190M-INFLOW	30190M-INFLOW	QES-DEN	HJDHV1-AA FS	8/24/2005 16:11	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-70990H-INFLOW	70990H-INFLOW	QES-DEN	HJDH01-AA FS	8/24/2005 15:00	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71075H-INFLOW	71075H-INFLOW	QES-DEN	HJDH31-AA FS	8/24/2005 11:15	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71205H-INFLOW	71205H-INFLOW	QES-DEN	HJDH41-AA FS	8/24/2005 15:05	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71210H-INFLOW	71210H-INFLOW	QES-DEN	HJDF71-AA FS	8/24/2005 15:15	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71230H-INFLOW	71230H-INFLOW	QES-DEN	HJDGA1-AA FS	8/24/2005 15:22	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71250H-INFLOW	71250H-INFLOW	QES-DEN	HJDEC1-AA FS	8/24/2005 15:29	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71270H-INFLOW	71270H-INFLOW	QES-DEN	HJDFP1-AA FS	8/24/2005 15:35	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71450H-INFLOW	71450H-INFLOW	QES-DEN	HJDG11-AA FS	8/24/2005 16:25	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71470H-INFLOW	71470H-INFLOW	QES-DEN	HJDG31-AA FS	8/24/2005 16:31	Groundwater	FS
BARKSDALE WORKS	PRIVATE WELL MONITORING 8/05	BAR-G-71500H-INFLOW	71500H-INFLOW	QES-DEN	HJDG81-AA FS	8/24/2005 16:45	Groundwater	FS

Query for Table2_Majors returned no data records

Query for Table2_Majors_Counts returned no data records

Query for Table2_Minors returned no data records

Query for Table2_Minors_Counts returned no data records

Query for DDR Differences returned no data records

LEVEL	MSG
WARN	Found LCS but not LCSD for batch: SW3535 8321 29-AUG-05 5241577 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Prep
WARN	Found LCS but not LCSD for batch: SW3535 8321 29-AUG-05 5241577 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Prep
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WARN	Found LCS but not LCSD for batch: SW3535 8321 30-AUG-05 5242085 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Prep
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WARN	No LCSD found for batch: SW3535 8321 29-AUG-05 5241577 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Preprep: METH
WARN	No LCSD found for batch: SW3535 8321 29-AUG-05 5241577 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Preprep: METH
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WARN	No REP found for batch: SW3535 8321 30-AUG-05 5242085 LCMS2 -- Site: BAR Project: PRIVATE WELL MONITORING 8/05 Sample no: Preprep: METH

rep: METHOD Prep: NS Method: 8321 Analyte: 118967(2,4,6-TRINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 121142(2,4-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 121824(RDX)
rep: METHOD Prep: NS Method: 8321 Analyte: 19406510(4-AMINO-2,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 2691410(OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE)
rep: METHOD Prep: NS Method: 8321 Analyte: 35572782(2-AMINO-4,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 479458(TETRYL)
rep: METHOD Prep: NS Method: 8321 Analyte: 55630(NITROGLYCERIN)
rep: METHOD Prep: NS Method: 8321 Analyte: 606202(2,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 78115(PENTAERYTHRITOL TETRANITRATE)
rep: METHOD Prep: NS Method: 8321 Analyte: 88722(2-NITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 98953(NITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99081(1-METHYL-3-NITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99650(1,3-DINITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99990(1-METHYL-4-NITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 118967(2,4,6-TRINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 121142(2,4-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 121824(RDX)
rep: METHOD Prep: NS Method: 8321 Analyte: 19406510(4-AMINO-2,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 2691410(OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE)
rep: METHOD Prep: NS Method: 8321 Analyte: 35572782(2-AMINO-4,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 479458(TETRYL)
rep: METHOD Prep: NS Method: 8321 Analyte: 55630(NITROGLYCERIN)
rep: METHOD Prep: NS Method: 8321 Analyte: 606202(2,6-DINITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 78115(PENTAERYTHRITOL TETRANITRATE)
rep: METHOD Prep: NS Method: 8321 Analyte: 88722(2-NITROTOLUENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 98953(NITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99081(1-METHYL-3-NITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99650(1,3-DINITROBENZENE)
rep: METHOD Prep: NS Method: 8321 Analyte: 99990(1-METHYL-4-NITROBENZENE)
HOD Prep: NS Method: 8321 Analyte: 118967(2,4,6-TRINITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 121142(2,4-DINITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 121824(RDX)
HOD Prep: NS Method: 8321 Analyte: 19406510(4-AMINO-2,6-DINITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 2691410(OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE)
HOD Prep: NS Method: 8321 Analyte: 35572782(2-AMINO-4,6-DINITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 479458(TETRYL)
HOD Prep: NS Method: 8321 Analyte: 55630(NITROGLYCERIN)
HOD Prep: NS Method: 8321 Analyte: 606202(2,6-DINITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 78115(PENTAERYTHRITOL TETRANITRATE)
HOD Prep: NS Method: 8321 Analyte: 88722(2-NITROTOLUENE)
HOD Prep: NS Method: 8321 Analyte: 98953(NITROBENZENE)
HOD Prep: NS Method: 8321 Analyte: 99081(1-METHYL-3-NITROBENZENE)

HOD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
HOD Prep: NS Method: 8321 Analyte: 99650(1,3-DINITROBENZENE)
HOD Prep: NS Method: 8321 Analyte: 99990(1-METHYL-4-NITROBENZENE)
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HOD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
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OD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
OD Prep: NS Method: 8321 Analyte: 99650(1,3-DINITROBENZENE)
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OD Prep: NS Method: 8321 Analyte: 2691410(OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE)
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OD Prep: NS Method: 8321 Analyte: 98953(NITROBENZENE)
OD Prep: NS Method: 8321 Analyte: 99081(1-METHYL-3-NITROBENZENE)
OD Prep: NS Method: 8321 Analyte: 99354(1,3,5-TRINITROBENZENE)
OD Prep: NS Method: 8321 Analyte: 99650(1,3-DINITROBENZENE)
OD Prep: NS Method: 8321 Analyte: 99990(1-METHYL-4-NITROBENZENE)

LEVEL	MSG
WARN	No LCSD found for batch: SW3535 8321 29-AUG-05 5241577 LCMS2
WARN	No LCSD found for batch: SW3535 8321 30-AUG-05 5242085 LCMS2
WARN	No REP found for batch: SW3535 8321 29-AUG-05 5241577 LCMS2
WARN	No REP found for batch: SW3535 8321 30-AUG-05 5242085 LCMS2

DUPONT DATA REVIEW REPORTS

COMPLETENESS REPORT SUMMARY
BAR - PRIVATE WELL MONITORING 8/05

Prepared by: NORDSTSA
Data from: ENV1P

Start Processing Time 10/4/2005 3:48:21 PM
Finished Processing Time 10/4/2005 3:48:53 PM
Processing Time Duration 32 Seconds

SAMPLENO	DATESMPL	THEME	METHOD	RESULTS
BAR-G-29025E-INFLOW	8/24/2005 11:25	Groundwater	8321	16
BAR-G-29040E-INFLOW	8/24/2005 12:35	Groundwater	8321	16
BAR-G-29190E-INFLOW	8/24/2005 16:55	Groundwater	8321	16
BAR-G-29238E-INFLOW	8/24/2005 12:15	Groundwater	8321	16
BAR-G-29240E-INFLOW	8/24/2005 12:20	Groundwater	8321	16
BAR-G-29250E-INFLOW	8/24/2005 12:45	Groundwater	8321	16
BAR-G-29310E-INFLOW	8/24/2005 14:05	Groundwater	8321	16
BAR-G-29310E-INFLOW-DUP	8/24/2005 14:05	Groundwater	8321	16
BAR-G-29380E-INFLOW	8/24/2005 14:15	Groundwater	8321	16
BAR-G-29430E-INFLOW	8/24/2005 14:25	Groundwater	8321	16
BAR-G-29440E-INFLOW	8/24/2005 14:35	Groundwater	8321	16
BAR-G-29700E-INFLOW	8/24/2005 14:45	Groundwater	8321	16
BAR-G-29745E-INFLOW	8/24/2005 14:50	Groundwater	8321	16
BAR-G-30075M-INFLOW	8/24/2005 15:55	Groundwater	8321	16
BAR-G-30095M-INFLOW	8/24/2005 15:55	Groundwater	8321	16
BAR-G-30175M-INFLOW	8/24/2005 15:50	Groundwater	8321	16
BAR-G-30175MB-INFLOW	8/24/2005 15:52	Groundwater	8321	16
BAR-G-30190M-INFLOW	8/24/2005 16:11	Groundwater	8321	16
BAR-G-70990H-INFLOW	8/24/2005 15:00	Groundwater	8321	16
BAR-G-71075H-INFLOW	8/24/2005 11:15	Groundwater	8321	16
BAR-G-71205H-INFLOW	8/24/2005 15:05	Groundwater	8321	16
BAR-G-71210H-INFLOW	8/24/2005 15:15	Groundwater	8321	16
BAR-G-71230H-INFLOW	8/24/2005 15:22	Groundwater	8321	16
BAR-G-71250H-INFLOW	8/24/2005 15:29	Groundwater	8321	16
BAR-G-71270H-INFLOW	8/24/2005 15:35	Groundwater	8321	16
BAR-G-71450H-INFLOW	8/24/2005 16:25	Groundwater	8321	16
BAR-G-71470H-INFLOW	8/24/2005 16:31	Groundwater	8321	16
BAR-G-71500H-INFLOW	8/24/2005 16:45	Groundwater	8321	16

METHOD	PRE PREP	ANALYTE	COUNT(*)
8321		1,3,5-TRINITROBENZENE	28
8321		1,3-DINITROBENZENE	28
8321		2,4,6-TRINITROTOLUENE	28
8321		2,4-DINITROTOLUENE	28
8321		2,6-DINITROTOLUENE	28
8321		2-AMINO-4,6-DINITROTOLUENE	28
8321		2-NITROTOLUENE	28
8321		3-NITROTOLUENE	28
8321		4-AMINO-2,6-DINITROTOLUENE	28
8321		4-NITROTOLUENE	28
8321		HMX	28
8321		NITROBENZENE	28
8321		NITROGLYCERIN	28
8321		PETN	28
8321		RDX	28
8321		TETRYL	28

Num RESULTS			METHOD	
SAMPLENO	DATESMPL	THEME	8321	Grand Total
BAR-G-29025E-INFLOW	8/24/2005 11:25	Groundwater	16	16
BAR-G-29040E-INFLOW	8/24/2005 12:35	Groundwater	16	16
BAR-G-29190E-INFLOW	8/24/2005 16:55	Groundwater	16	16
BAR-G-29238E-INFLOW	8/24/2005 12:15	Groundwater	16	16
BAR-G-29240E-INFLOW	8/24/2005 12:20	Groundwater	16	16
BAR-G-29250E-INFLOW	8/24/2005 12:45	Groundwater	16	16
BAR-G-29310E-INFLOW	8/24/2005 14:05	Groundwater	16	16
BAR-G-29310E-INFLOW-DUP	8/24/2005 14:05	Groundwater	16	16
BAR-G-29380E-INFLOW	8/24/2005 14:15	Groundwater	16	16
BAR-G-29430E-INFLOW	8/24/2005 14:25	Groundwater	16	16
BAR-G-29440E-INFLOW	8/24/2005 14:35	Groundwater	16	16
BAR-G-29700E-INFLOW	8/24/2005 14:45	Groundwater	16	16
BAR-G-29745E-INFLOW	8/24/2005 14:50	Groundwater	16	16
BAR-G-30075M-INFLOW	8/24/2005 15:55	Groundwater	16	16
BAR-G-30095M-INFLOW	8/24/2005 15:55	Groundwater	16	16
BAR-G-30175MB-INFLOW	8/24/2005 15:52	Groundwater	16	16
BAR-G-30175M-INFLOW	8/24/2005 15:50	Groundwater	16	16
BAR-G-30190M-INFLOW	8/24/2005 16:11	Groundwater	16	16
BAR-G-70990H-INFLOW	8/24/2005 15:00	Groundwater	16	16
BAR-G-71075H-INFLOW	8/24/2005 11:15	Groundwater	16	16
BAR-G-71205H-INFLOW	8/24/2005 15:05	Groundwater	16	16
BAR-G-71210H-INFLOW	8/24/2005 15:15	Groundwater	16	16
BAR-G-71230H-INFLOW	8/24/2005 15:22	Groundwater	16	16
BAR-G-71250H-INFLOW	8/24/2005 15:29	Groundwater	16	16
BAR-G-71270H-INFLOW	8/24/2005 15:35	Groundwater	16	16
BAR-G-71450H-INFLOW	8/24/2005 16:25	Groundwater	16	16
BAR-G-71470H-INFLOW	8/24/2005 16:31	Groundwater	16	16
BAR-G-71500H-INFLOW	8/24/2005 16:45	Groundwater	16	16
Grand Total			448	448

PRJ_ID	LAB_CODE	METHOD_CODE	BATCH_NUMBER	ANALYTE_NAME	ANALYTE_CODE	MATRIX	FS	MB	LCS	LCSD	MS	MSD	REP	SPIKE
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	1,3,5-TRINITROBENZENE	99354	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	1,3-DINITROBENZENE	99650	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	2,4,6-TRINITROTOLUENE	118967	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	2,4-DINITROTOLUENE	121142	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	2,6-DINITROTOLUENE	606202	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	2-AMINO-4,6-DINITROTOLUENE	35572782	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	2-NITROTOLUENE	88722	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	3-NITROTOLUENE	99081	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	4-AMINO-2,6-DINITROTOLUENE	19406510	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	4-NITROTOLUENE	99990	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	HMX	2691410	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	NITROBENZENE	98953	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	NITROGLYCERIN	55630	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	PETN	78115	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	RDX	121824	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 29-AUG-05 5241577 LCMS2	TETRYL	479458	WATER	10	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	1,3,5-TRINITROBENZENE	99354	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	1,3-DINITROBENZENE	99650	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	2,4,6-TRINITROTOLUENE	118967	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	2,4-DINITROTOLUENE	121142	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	2,6-DINITROTOLUENE	606202	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	2-AMINO-4,6-DINITROTOLUENE	35572782	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	2-NITROTOLUENE	88722	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	3-NITROTOLUENE	99081	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	4-AMINO-2,6-DINITROTOLUENE	19406510	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	4-NITROTOLUENE	99990	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	HMX	2691410	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	NITROBENZENE	98953	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	NITROGLYCERIN	55630	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	PETN	78115	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	RDX	121824	WATER	18	1	1	0	1	1	0	0
11791598	QES-DEN	8321	SW3535 8321 30-AUG-05 5242085 LCMS2	TETRYL	479458	WATER	18	1	1	0	1	1	0	0

SECTION 5

LABORATORY CASE NARRATIVE AND

PROJECT CHAIN-OF-CUSTODY RECORDS

SAMPLE SUMMARY

D5H260313

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJDD9	001	BAR-G-29380E-INFLOW	08/24/05	14:15
HJDEC	002	BAR-G-71250H-INFLOW	08/24/05	15:29
HJDFM	003	BAR-G-29190E-INFLOW	08/24/05	16:55
HJDFP	004	BAR-G-71270H-INFLOW	08/24/05	15:35
HJDFV	005	BAR-G-29310E-INFLOW-DUP	08/24/05	14:05
HJDF0	006	BAR-G-29440E-INFLOW	08/24/05	14:35
HJDF5	007	BAR-G-29250E-INFLOW	08/24/05	12:45
HJDF7	008	BAR-G-71210H-INFLOW	08/24/05	15:15
HJDGA	009	BAR-G-71230H-INFLOW	08/24/05	15:22
HJDGE	010	BAR-G-29310E-INFLOW	08/24/05	14:05
HJDGL	011	BAR-G-29430E-INFLOW	08/24/05	14:25
HJDGN	012	BAR-G-29238E-INFLOW	08/24/05	12:15
HJDGQ	013	BAR-G-29240E-INFLOW	08/24/05	12:20
HJDGR	014	BAR-G-30095M-INFLOW	08/24/05	15:55
HJDGX	015	BAR-G-30175M-INFLOW	08/24/05	15:50
HJDG1	016	BAR-G-71450H-INFLOW	08/24/05	16:25
HJDG3	017	BAR-G-71470H-INFLOW	08/24/05	16:31
HJDG5	018	BAR-G-29025E-INFLOW	08/24/05	11:25
HJDG8	019	BAR-G-71500H-INFLOW	08/24/05	16:45
HJDHC	020	BAR-G-30075M-INFLOW	08/24/05	15:55
HJDHE	021	BAR-G-29745E-INFLOW	08/24/05	14:50
HJDHG	022	BAR-G-29700E-INFLOW	08/24/05	14:45
HJDHK	023	BAR-G-30175MB-INFLOW	08/24/05	15:52
HJDHM	024	BAR-G-29040E-INFLOW	08/24/05	12:35
HJDHV	025	BAR-G-30190M-INFLOW	08/24/05	16:11
HJDH0	026	BAR-G-70990H-INFLOW	08/24/05	15:00
HJDH3	027	BAR-G-71075H-INFLOW	08/24/05	11:15
HJDH4	028	BAR-G-71205H-INFLOW	08/24/05	15:05

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Case Narrative
D5H260313

The following report contains the analytical results for twenty-eight samples received at STL Denver on August 26, 2005, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each datasheet to assist in the interpretation of the results.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included at the rear of the report.

The results included in this report have been reviewed for compliance with the Laboratory Quality Manual. All results have been found to meet all requirements of NELAC and any exceptions are noted below. STL Denver's State of Wisconsin certification number is 999615430.

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SUPPLEMENTAL QC INFORMATION

Sample Arrival and Receipt

The samples presented in this report were received at temperatures of 5.1, 4.3, 4.4, 2.8, 3.6, and 3.7°C. All sample containers were received in an acceptable condition.

LC/MS Explosives – Method 8321

- The LCS associated with QC batch 5242085 exhibited spike compound recoveries outside control limits, biased high, for 2-Amino-4,6-dinitrotoluene and 2,6-Dinitrotoluene. This is an indication that data are biased high. Because the associated samples are non-detect for these analytes, no corrective action is necessary.
- The MS/MSD performed on sample BAR-G-29745E-INFLOW exhibited a spike compound recovery for Nitroglycerin outside the QC control limits. The acceptable LCS data indicated the analytical system was operating in control; therefore, no corrective action was necessary.
- The closing Continuing Calibration Verification standard in QC batch 5241577 was above the upper control limit for 1,3,5-Trinitrobenzene (137%) and Nitroglycerin (158%). Associated sample results are still considered valid because no target analytes were detected.
- No other anomalies were noted.

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

52

STL4149 (1202)

Client	Project Manager	Date	Page A of 37
E.I. Dupont De Nemours and Co	Dary Pooler	08/19/2005	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	
ADGM Services - DuPont CRG	(000) / (000)	STL Denver	
City / State / Zip Code	Site Contact		Analysis
Wilmington DE 19805	JON HAMMERBERG		EXPB321LX
Project Number/Name	Carrier/Waybill Number		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-307335-772000/LB10-63332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-6-29380E-INFLUW	8-24-5	1445	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

53

Field	Value
Client	E.I. Dupont De Nemours and Co
Address	ADQM Services - DuPont CRG
City	Wilmington
State	DE
Zip Code	19805
Project Number/Name	BAR
Contract/Purchase Order/Quote Number	CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LD10-63332
Project Manager	Gary Pooler
Telephone Number (Area Code)/Fax Number	(000) / (000)
Site Contact	JON HAMMERBURG
Carrier/Waybill Number	
Date	08/19/2005
Lab Location	STL Denver

QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPA3211LX
BAR-G-71250H INFLOW	8-24-5	1529	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification
- [x] Non-Hazard
- [ ] Flammable
- [ ] Skin Irritant
- [ ] Poison B
- [ ] Unknown

Sample Disposal
- [ ] Return To Client
- [x] Disposal By Lab
- [ ] Archive For ______ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
- [x] Normal
- [ ] Rush
- [ ] Other ______

QC Level
- [ ] I.
- [ ] II.
- [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	8/19/05	0900	1. Received By [signature]	8/23/05	1400
2. Relinquished By [signature]	8-25-5	1000	2. Received By [signature]	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

STL Denver

DISTRIBUTION: WHITE Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

51°
8/26/05

40813 54

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co

Project Manager: Gary Fowler

Date: 08/19/2005

Address: ADON Services - DuPont CRG

Telephone Number (Area Code)/Fax Number: (000) / (000)

Lab Location: STL Denver

City: Wilmington | State: DE | Zip Code: 19805

Site Contact: JON HAMMCHOURE

Project Number/Name: BAR

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID-65532

QUOTE: 39077

Analysis: PFBS21LX

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments
BAR-G-271906-INFLOW	8-24-5	1655	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

STL Denver

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

STL4149 (1202)

Client	Project Manager	Date	Page 10 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/17/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADOM Services - DuPont CR6	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332 QUOTE: 35097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPASSIL
BAR-B-712704-INFLOW	8-24-5	1535	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ADAM Services - DuPont CR6	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	
Wilmington / DE / 19805	JUN HAMMERBACK	
Project Number/Name	**Carrier/Waybill Number**	
BAR		
Contract/Purchase Order/Quote Number		
CONTRACT / PURCHASE ORDER # - 7035-50/350-/72000/LBU0-65332		QUOTE: 39097

Page 10 of 27

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-6-19310E INFLOW-DUP	8-04-5	1405	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	2900	1. Received By	8/25/05	1400
2. Relinquished By	8/25/05	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

4317 57

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Fuoler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ADUN Services - DuPont CR6	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	
Wilmington / DE / 19805	JON HAMMERMAN	
Project Number/Name	**Carrier/Waybill Number**	
BAR		

Page 1 of 27

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPOSAL
BAR-G-29440L-INFLOW	8-24-5	1435	WATER	1L	AMBER	2	None		X

Protocol :

Special Instructions

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1010	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

4.3°
8/26/05

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

58

STL4149 (1202)

Client	Project Manager	Date	Page 4 of 22
E.I. Dupont De Nemours and Co	Gary Foster	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADEM Services DuPont (DE)	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBERG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-/72000/LB10-65532 QUOTE: 35097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPG321L
BAR-G-29250E-INFLOW	8-24-5	1245	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/22/05	1400
2. Relinquished By	8/25/5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

42525 59

STL4149 (1202)

Client	Project Manager	Date	Page 15 of 27
E.I. Dupont De Nemours and Co	Cary Fooler	09/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADOM Services - Dupont CRG	(000) (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: TCL VOC 8260
BAR-G-71210H-INFLOW	9-24-5	1515	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/29/05	0900
2. Relinquished By	9-25-5	1000
3. Relinquished By		

	Date	Time
1. Received By	8/29/05	1400
2. Received By	8/26	0930
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 1A of 27
E.I. Dupont De Nemours and Co	Cary Pavler	08/19/2005	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	
ADOH Services - DuPont (DR)	(000) / (000)	STL Denver	
City / State / Zip Code	Site Contact		
Wilmington DL 19805	JON HAMMERLING		
Project Number/Name	Carrier/Waybill Number		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7030-507355-772000/LB10-45332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-E-71230H-INFLOW	8-24-5	1522	WATER	1L	AMBER	2	None	

Analysis

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/19/05	0900
2. Relinquished By	8-25-5	1000
3. Relinquished By		

	Date	Time
1. Received By	8/23/05	1400
2. Received By	8/26/05	0930
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

8/24/05

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 5 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADBN Services - DuPont CR6	(000) / (000)	STL Denver	
City	**State** / **Zip Code**	**Site Contact**	
Wilmington	DE / 19805	JON HAMMERBERG	
Project Number/Name		**Carrier/Waybill Number**	
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-007305-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPB321L
BAR-6-29310E-INFLOW	8-24-5	1405	WATER	1L	AMBER	2	None		X
BAR-6-29430E-INFLOW	8-24-5	1425	"	"	"	"	"		X
BAR-6-29238E-INFLOW	8-24-5	1215	"	"	"	"	"		X
BAR-6-29240E-INFLOW	8-24-5	1220	"	"	"	"	"		X

Special Instructions: Protocol C

Possible Hazard Identification

[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal

[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

[X] Normal [ ] Rush [ ] Other _____

QC Level

[ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/19/05	0800
2. Relinquished By	8-25-5	1000
3. Relinquished By		
1. Received By	8/23/05	1400
2. Received By	8/26	0930
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

43330 62

STL4149 (1202)

Client	Project Manager	Date	Page 20 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADRM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EMP.032 1,L
BAK-G-30095M-INFLOW	8-24-5	1555	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/A/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

40831 63

STL4149 (1202)

Client	Project Manager	Date	Page 21 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
4DGM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HANNEBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # 7035-507355-772000/LB10-60332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPB321L
BAR-G-30175M-INFLOW	8-25-5	1500	WATER	1L	AMBER	2	None		X
Protocol C									

Special Instructions

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

2.8°
8/26/05

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Pucler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ADUM Services - DuPont CRG	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	**Page 24 of 27**
Wilmington / DE / 19805	JON HAMMERBERG	
Project Number/Name	**Carrier/Waybill Number**	
BAR		
Contract/Purchase Order/Quote Number		
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332		QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321L
BAR-G-71450H-IN-LOW	8-24-5	1625	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8.25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 25 of 27
E.I. Dupont De Nemours and Co	Gary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADOM Services -- DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-307355-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321L
BAR-6-71470H-INFLOW	8-24-5	1631	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
[X] Normal [ ] Rush [ ] Other _____

QC Level
[ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		8/19/05	0900		8/23/05	400
2.		8-25-5	1000		8/26	0930
3.						

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co	Project Manager: Cary Pooler	Date: 08/19/2005	Page 1 of 27
Address: ADOM Services - DuPont CR6	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington	State: DE	Zip Code: 19805	Site Contact: JON HAMMERBURG
Project Number/Name: BAR			Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis
BAR-G-29023E-INFLOW	8/24/05	1125	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/24/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 27 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ACCM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507305-772000/LBIO-65332		QUOTE: W097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPG321L
BAR-1: 290258-INFLOW-MS	8/24/05	1125	WATER	1L	AMBER	2	None		X
BAR-6: 290258-INFLOW-MSD	↓	↓	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/24/05	0900
2. Relinquished By	8-25-5	1000
3. Relinquished By		

	Date	Time
1. Received By	8/25/05	1400
2. Received By	8/26	0930
3. Received By		

Comments

STL Denver

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL** 68

Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co	Project Manager: Cary Pooler	Date: 08/19/2005	Page 26 of 27
Address: ADDM Services - DuPont CRG	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	Analysis
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: JON HAMMERBURG		
Project Number/Name: BAR	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER #. 7035-507355-772000/LBIO-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	EXPB3Z1LX
BAR-W-71500H-INFLUW	8-24-5	1640	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	8/19/05	0900	1. [signature]	8/23/05	1400
2. [signature]	8-25-5	1000	2. [signature]	8/26	0930
3.			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co

Project Manager: Cary Pooler

Date: 08/19/2005

Address: ADQM Services - DuPont CRG

Telephone Number (Area Code)/Fax Number: (000) / (000)

Lab Location: STL Denver

City: Wilmington | State: DE | Zip Code: 19803

Site Contact: JON HAMMERBURG

Project Number/Name: BAR

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332 QUOTE: 39097

Analysis: EXPBASIL X

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments
BAR-G-30075H-INFLOW	8-24-5	1555	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1700
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

STL Denver

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ADQM Services - DuPont CRB	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	
Wilmington / DE / 19805	JON HAMMERBURG	
Project Number/Name	**Carrier/Waybill Number**	
BAR		

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332 QUOTE: 39097

Page 9 of 27

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: VPH 8021L
BAR-B-29765L-INFLOW	8-24-5	1430	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By		
2. Relinquished By	8-25-5	1000	2. Received By	8/23/05	1400
3. Relinquished By			3. Received By	8/26	0930

Comments

STL Denver

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 11 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADEM Services - DuPont CR6	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXPENSE
BAR-B-2145E-IN-LOW-MS	8-24-5	1450	WATER	1L	AMBER	2	None		
BAR-B-2145E-IN-LOW-MSD	8-24-5	1450	WATER	1L	AMBER	2	None		

Special Instructions: Protocol E

Possible Hazard Identification

[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal

[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

[X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/17/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-15-5	1600	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

3.6°
MB
8/26/05

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 8 of 27
E. I. Dupont De Nemours and Co	Gary Porter	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADUM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMM-RUURN		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-307355-772000/4810-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXP3321
BAR-G-29700E-INFLOW	8-24-5	1445	WATER	1L	AMBER	2	None		X
BAR-G-30175MB-INFLOW	8/24/05	1552	Water	1L	Amber	2	None		

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/19/05	0900
2. Relinquished By	8.25.5	1000
3. Relinquished By		

	Date	Time
1. Received By	8/23/05	1400
2. Received By	8/26	0938
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

8/26/05

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

73

Field	Value
Client	E.I. Dupont De Nemours and Co
Address	ADGM Services - DuPont CRG
City	Wilmington
State	DE
Zip Code	19805
Project Number/Name	BAR
Contract/Purchase Order/Quote Number	CONTRACT / PURCHASE ORDER # - 7035-507355-772000/LBIO-65332 QUOTE: 39097
Project Manager	Cary Fowler
Telephone Number (Area Code)/Fax Number	(000) / (000)
Site Contact	JON HAMMERBURG
Carrier/Waybill Number	
Date	08/19/2005
Lab Location	STL Denver

Page 2 of 27

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis
BAR G-29406-INFLOW	8-24-5	1235	WATER	1L	AMBER	2	None		X

Analysis: CXPHA2SLX

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	8/19/05	0900	1. Received By [signature]	8/25/05	1400
2. Relinquished By [signature]	8-25-5	1000	2. Received By [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

74

Client	Project Manager	Date
E.I. DuPont De Nemours and Co	Cary Pooler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ASGM Services - DuPont CRG	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	**Page** 72 **of** 77
Wilmington / DE / 19805	JON HAMMERBURG	
Project Number/Name	**Carrier/Waybill Number**	
BAR		

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507350-772000/LB10-68532 QUOTE: 39077

Sample I.D Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: PXFU321L
BAR-G-30150M-INFLOW	8-24-5	1140	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol D

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/05	0940	1. Received By	8/25/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

75

Client	Project Manager	Date
E.I. DuPont De Nemours and Co	Cary Pooler	08/19/2005
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**
ADEM Services - DuPont CR6	(000) / (000)	STL Denver
City / **State** / **Zip Code**	**Site Contact**	**Page** 12 **of** 27
Wilmington / DE / 19805	JON HAMMERNIK	
Project Number/Name	**Carrier/Waybill Number**	
BAR		
Contract/Purchase Order/Quote Number		

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LDID-65332 QUOTE: 39077

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis
BAR-B-70YOH-INFLOW	8-24-5	1600	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/05	0900	1. Received By	8/25/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client: E.I. DuPont De Nemours and Co	Project Manager: Gary Pooler	Date: 08/19/2005	Page 13 of 77
Address: ADOM Services - DuPont CR6	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington	State: DE	Zip Code: 19805	Site Contact: JON HAMMERBURG
Project Number/Name: BAR			Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EDB 8021
BAR-6-71073H-INFLOW	8/16/05	1115	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time
1. Relinquished By	8/19/05	0900
2. Relinquished By	8-25-5	1000
3. Relinquished By		
1. Received By	8/23/05	1400
2. Received By	8/26	0930
3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 14 of 27
E. I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	
ADQM Services - DuPont CR6	(000) / (000)	STL Denver	
City / State / Zip Code	Site Contact		Analysis
Wilmington DE 19805	JON HAMMERBURG		
Project Number/Name	Carrier/Waybill Number		
BAR			
Contract/Purchase Order/Quote Number			

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBTO-653332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	EXP8321L
BAR-G-7120SH-INFLOW	8-24-5	1505	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL Denver

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

E. I. DuPont Project:
Barksdale Site
Private Well Monitoring 8/05
7035-507355-772000
LBIO-65332

Release No. STL 16864

Lot #: D5H260313

Attn: ADQM
URS-Diamond
Barley Mill Plaza, Building 27
Lancaster Pike & Route 141
Wilmington, DE 19805

Cc: ESI

STL DENVER

Gail DeRuzzo
Project Manager

September 23, 2005

Table Of Contents

Standard Deliverables with Supporting Documentation

Report Contents	Number of Pages

Standard Deliverables

(*The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.)*

- **Table of Contents**
- **Case Narrative**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **QC Data Association Summary**
- **Analytical Results**
- **Chain-of-Custody**

Supporting Documentation

(Note: A one-page "Description of Supporting Documentation" is provided at the beginning of this section.).

	Check below when supporting documentation is present.
• **Volatile GC/MS**	
• **Semivolatile GC/MS**	
• **Volatile GC**	
• **Semivolatile GC**	
• **LC/MS or HPLC**	✓
• **Metals**	
• **General Chemistry**	
• **Subcontracted Data**	

Case Narrative
D5H260313

The following report contains the analytical results for twenty-eight samples received at STL Denver on August 26, 2005, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each datasheet to assist in the interpretation of the results.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included at the rear of the report.

The results included in this report have been reviewed for compliance with the Laboratory Quality Manual. All results have been found to meet all requirements of NELAC and any exceptions are noted below. STL Denver's State of Wisconsin certification number is 999615430.

SUPPLEMENTAL QC INFORMATION

Sample Arrival and Receipt

The samples presented in this report were received at temperatures of 5.1, 4.3, 4.4, 2.8, 3.6, and 3.7°C. All sample containers were received in an acceptable condition.

LC/MS Explosives – Method 8321

- The LCS associated with QC batch 5242085 exhibited spike compound recoveries outside control limits, biased high, for 2-Amino-4,6-dinitrotoluene and 2,6-Dinitrotoluene. This is an indication that data are biased high. Because the associated samples are non-detect for these analytes, no corrective action is necessary.

- The MS/MSD performed on sample BAR-G-29745E-INFLOW exhibited a spike compound recovery for Nitroglycerin outside the QC control limits. The acceptable LCS data indicated the analytical system was operating in control; therefore, no corrective action was necessary.

- The closing Continuing Calibration Verification standard in QC batch 5241577 was above the upper control limit for 1,3,5-Trinitrobenzene (137%) and Nitroglycerin (158%). Associated sample results are still considered valid because no target analytes were detected.

- No other anomalies were noted.

EXECUTIVE SUMMARY - Detection Highlights

D5H260313

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

D5H260313

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
LCMS by 8321A	SW846 8321A	SW846 3535

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D5H260313

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8321A	Steve Cowling	008738
SW846 8321A	Tim O'Donnell	000443

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D5H260313

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJDD9	001	BAR-G-29380E-INFLOW	08/24/05	14:15
HJDEC	002	BAR-G-71250H-INFLOW	08/24/05	15:29
HJDFM	003	BAR-G-29190E-INFLOW	08/24/05	16:55
HJDFP	004	BAR-G-71270H-INFLOW	08/24/05	15:35
HJDFV	005	BAR-G-29310E-INFLOW-DUP	08/24/05	14:05
HJDF0	006	BAR-G-29440E-INFLOW	08/24/05	14:35
HJDF5	007	BAR-G-29250E-INFLOW	08/24/05	12:45
HJDF7	008	BAR-G-71210H-INFLOW	08/24/05	15:15
HJDGA	009	BAR-G-71230H-INFLOW	08/24/05	15:22
HJDGE	010	BAR-G-29310E-INFLOW	08/24/05	14:05
HJDGL	011	BAR-G-29430E-INFLOW	08/24/05	14:25
HJDGN	012	BAR-G-29238E-INFLOW	08/24/05	12:15
HJDGQ	013	BAR-G-29240E-INFLOW	08/24/05	12:20
HJDGR	014	BAR-G-30095M-INFLOW	08/24/05	15:55
HJDGX	015	BAR-G-30175M-INFLOW	08/24/05	15:50
HJDG1	016	BAR-G-71450H-INFLOW	08/24/05	16:25
HJDG3	017	BAR-G-71470H-INFLOW	08/24/05	16:31
HJDG5	018	BAR-G-29025E-INFLOW	08/24/05	11:25
HJDG8	019	BAR-G-71500H-INFLOW	08/24/05	16:45
HJDHC	020	BAR-G-30075M-INFLOW	08/24/05	15:55
HJDHE	021	BAR-G-29745E-INFLOW	08/24/05	14:50
HJDHG	022	BAR-G-29700E-INFLOW	08/24/05	14:45
HJDHK	023	BAR-G-30175MB-INFLOW	08/24/05	15:52
HJDHM	024	BAR-G-29040E-INFLOW	08/24/05	12:35
HJDHV	025	BAR-G-30190M-INFLOW	08/24/05	16:11
HJDH0	026	BAR-G-70990H-INFLOW	08/24/05	15:00
HJDH3	027	BAR-G-71075H-INFLOW	08/24/05	11:15
HJDH4	028	BAR-G-71205H-INFLOW	08/24/05	15:05

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D5H260313

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8321A		5242085	5242051
002	WATER	SW846 8321A		5242085	5242051
003	WATER	SW846 8321A		5242085	5242051
004	WATER	SW846 8321A		5242085	5242051
005	WATER	SW846 8321A		5242085	5242051
006	WATER	SW846 8321A		5242085	5242051
007	WATER	SW846 8321A		5242085	5242051
008	WATER	SW846 8321A		5242085	5242051
009	WATER	SW846 8321A		5242085	5242051
010	WATER	SW846 8321A		5242085	5242051
011	WATER	SW846 8321A		5242085	5242051
012	WATER	SW846 8321A		5242085	5242051
013	WATER	SW846 8321A		5242085	5242051
014	WATER	SW846 8321A		5242085	5242051
015	WATER	SW846 8321A		5242085	5242051
016	WATER	SW846 8321A		5242085	5242051
017	WATER	SW846 8321A		5242085	5242051
018	WATER	SW846 8321A		5242085	5242051
019	WATER	SW846 8321A		5241577	5241301
020	WATER	SW846 8321A		5241577	5241301
021	WATER	SW846 8321A		5241577	5241301

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D5H260313

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
022	WATER	SW846 8321A		5241577	5241301
023	WATER	SW846 8321A		5241577	5241301
024	WATER	SW846 8321A		5241577	5241301
025	WATER	SW846 8321A		5241577	5241301
026	WATER	SW846 8321A		5241577	5241301
027	WATER	SW846 8321A		5241577	5241301
028	WATER	SW846 8321A		5241577	5241301

EXPLOSIVES
8321A

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29380E-INFLOW

HPLC

Lot-Sample #...: D5H260313-001 **Work Order #...:** HJDD91AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:15 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 16:48
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71250H-INFLOW

HPLC

Lot-Sample #...: D5H260313-002 **Work Order #...:** HJDEC1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:29 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 17:20
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	99	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29190E-INFLOW

HPLC

Lot-Sample #...: D5H260313-003 **Work Order #...:** HJDFM1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:55 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 17:52
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71270H-INFLOW

HPLC

Lot-Sample #...: D5H260313-004 **Work Order #...:** HJDFP1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:35 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 18:24
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29310E-INFLOW-DUP

HPLC

Lot-Sample #...: D5H260313-005 **Work Order #...:** HJDFV1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:05 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 18:56
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29440E-INFLOW

HPLC

Lot-Sample #...: D5H260313-006 **Work Order #...:** HJDF01AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:35 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 19:27
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29250E-INFLOW

HPLC

Lot-Sample #...: D5H260313-007 **Work Order #...:** HJDF51AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 12:45 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 19:59
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71210H-INFLOW

HPLC

Lot-Sample #...: D5H260313-008 **Work Order #...:** HJDF71AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:15 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 20:31
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71230H-INFLOW

HPLC

Lot-Sample #...: D5H260313-009 **Work Order #...:** HJDGA1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:22 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 21:35
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29310E-INFLOW

HPLC

Lot-Sample #...: D5H260313-010 **Work Order #...:** HJDGE1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:05 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 22:07
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29430E-INFLOW

HPLC

Lot-Sample #...: D5H260313-011 **Work Order #...:** HJDGL1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:25 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 22:38
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29238E-INFLOW

HPLC

Lot-Sample #...: D5H260313-012 **Work Order #...:** HJDGN1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 12:15 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 23:10
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29240E-INFLOW

HPLC

Lot-Sample #...: D5H260313-013 **Work Order #...:** HJDGQ1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 12:20 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/10/05
Prep Batch #...: 5242085 **Analysis Time..:** 23:42
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30095M-INFLOW

HPLC

Lot-Sample #...: D5H260313-014 **Work Order #...:** HJDGR1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:55 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 00:14
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30175M-INFLOW

HPLC

Lot-Sample #...: D5H260313-015 **Work Order #...:** HJDGX1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:50 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 00:46
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71450H-INFLOW

HPLC

Lot-Sample #...: D5H260313-016 **Work Order #...:** HJDG11AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:25 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 01:18
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	101	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71470H-INFLOW

HPLC

Lot-Sample #...: D5H260313-017 **Work Order #...:** HJDG31AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:31 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 01:49
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29025E-INFLOW

HPLC

Lot-Sample #...: D5H260313-018 **Work Order #...:** HJDG51AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 11:25 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 02:53
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71500H-INFLOW

HPLC

Lot-Sample #...: D5H260313-019 **Work Order #...:** HJDG81AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:45 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 18:49
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30075M-INFLOW

HPLC

Lot-Sample #...: D5H260313-020 **Work Order #...:** HJDHC1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:55 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 19:21
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29745E-INFLOW

HPLC

Lot-Sample #...: D5H260313-021 **Work Order #...:** HJDHE1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:50 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 19:53
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29700E-INFLOW

HPLC

Lot-Sample #...: D5H260313-022 **Work Order #...:** HJDHG1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 14:45 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 21:28
Dilution Factor: 1
Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30175MB-INFLOW

HPLC

Lot-Sample #...: D5H260313-023 **Work Order #...:** HJDHK1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:52 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 22:00
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-29040E-INFLOW

HPLC

Lot-Sample #...: D5H260313-024 **Work Order #...:** HJDHM1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 12:35 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 23:04
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-30190M-INFLOW

HPLC

Lot-Sample #...: D5H260313-025 **Work Order #...:** HJDHV1AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 16:11 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 23:36
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-70990H-INFLOW

HPLC

Lot-Sample #...: D5H260313-026 **Work Order #...:** HJDH01AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:00 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/02/05
Prep Batch #...: 5241577 **Analysis Time..:** 00:08
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71075H-INFLOW

HPLC

Lot-Sample #...: D5H260313-027 **Work Order #...:** HJDH31AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 11:15 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/02/05
Prep Batch #...: 5241577 **Analysis Time..:** 00:39
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(37 - 121)

E.I. DUPONT DE NEMOURS AND CO

Client Sample ID: BAR-G-71205H-INFLOW

HPLC

Lot-Sample #...: D5H260313-028 **Work Order #...:** HJDH41AA **Matrix.....:** WATER
Date Sampled...: 08/24/05 15:05 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/02/05
Prep Batch #...: 5241577 **Analysis Time..:** 01:11
Dilution Factor: 1

Method.....: SW846 8321A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	0.010
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	0.021
1,3-Dinitrobenzene	ND	0.12	ug/L	0.011
2,4-Dinitrotoluene	ND	0.12	ug/L	0.019
2,6-Dinitrotoluene	ND	0.12	ug/L	0.013
HMX	ND	0.12	ug/L	0.014
Nitrobenzene	ND	0.12	ug/L	0.033
Nitroglycerin	ND	0.12	ug/L	0.045
3-Nitrotoluene	ND	0.12	ug/L	0.018
2-Nitrotoluene	ND	0.12	ug/L	0.018
4-Nitrotoluene	ND	0.12	ug/L	0.022
PETN	ND	0.12	ug/L	0.015
RDX	ND	0.12	ug/L	0.013
Tetryl	ND	0.12	ug/L	0.010
1,3,5-Trinitrobenzene	ND	0.12	ug/L	0.010
2,4,6-Trinitrotoluene	ND	0.12	ug/L	0.022

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(37 - 121)

METHOD BLANK REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJG371AA **Matrix.....:** WATER
MB Lot-Sample #: R5H290000-577

Prep Date.....: 08/29/05 **Analysis Time..:** 17:14
Analysis Date..: 09/01/05 **Prep Batch #...:** 5241577
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	SW846 8321A
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	SW846 8321A
1,3-Dinitrobenzene	ND	0.12	ug/L	SW846 8321A
2,4-Dinitrotoluene	ND	0.12	ug/L	SW846 8321A
2,6-Dinitrotoluene	ND	0.12	ug/L	SW846 8321A
HMX	ND	0.12	ug/L	SW846 8321A
Nitrobenzene	ND	0.12	ug/L	SW846 8321A
Nitroglycerin	ND	0.12	ug/L	SW846 8321A
3-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
2-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
4-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
PETN	ND	0.12	ug/L	SW846 8321A
RDX	ND	0.12	ug/L	SW846 8321A
Tetryl	ND	0.12	ug/L	SW846 8321A
1,3,5-Trinitrobenzene	ND	0.12	ug/L	SW846 8321A
2,4,6-Trinitrotoluene	ND	0.12	ug/L	SW846 8321A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJHG11AA **Matrix.....:** WATER
MB Lot-Sample #: R5H300000-085

Prep Date.....: 08/30/05 **Analysis Time..:** 15:45
Analysis Date..: 09/10/05 **Prep Batch #...:** 5242085
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4-Amino-2,6-dinitrotoluene	ND	0.12	ug/L	SW846 8321A
2-Amino-4,6-dinitrotoluene	ND	0.12	ug/L	SW846 8321A
1,3-Dinitrobenzene	ND	0.12	ug/L	SW846 8321A
2,4-Dinitrotoluene	ND	0.12	ug/L	SW846 8321A
2,6-Dinitrotoluene	ND	0.12	ug/L	SW846 8321A
HMX	ND	0.12	ug/L	SW846 8321A
Nitrobenzene	ND	0.12	ug/L	SW846 8321A
Nitroglycerin	ND	0.12	ug/L	SW846 8321A
3-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
2-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
4-Nitrotoluene	ND	0.12	ug/L	SW846 8321A
PETN	ND	0.12	ug/L	SW846 8321A
RDX	ND	0.12	ug/L	SW846 8321A
Tetryl	ND	0.12	ug/L	SW846 8321A
1,3,5-Trinitrobenzene	ND	0.12	ug/L	SW846 8321A
2,4,6-Trinitrotoluene	ND	0.12	ug/L	SW846 8321A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 Work Order #...: HJG371AC Matrix.....: WATER
LCS Lot-Sample#: R5H290000-577
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 17:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Amino-2,6-dinitrotoluene	**101**	**(63 - 120)**	**SW846 8321A**
2-Amino-4,6-dinitrotoluene	**103**	**(68 - 122)**	**SW846 8321A**
1,3-Dinitrobenzene	**97**	**(66 - 122)**	**SW846 8321A**
2,4-Dinitrotoluene	**97**	**(68 - 118)**	**SW846 8321A**
2,6-Dinitrotoluene	**98**	**(66 - 118)**	**SW846 8321A**
HMX	**96**	**(76 - 142)**	**SW846 8321A**
Nitrobenzene	**89**	**(68 - 117)**	**SW846 8321A**
Nitroglycerin	**126**	**(42 - 136)**	**SW846 8321A**
3-Nitrotoluene	**92**	**(38 - 128)**	**SW846 8321A**
2-Nitrotoluene	**91**	**(46 - 124)**	**SW846 8321A**
4-Nitrotoluene	**93**	**(49 - 124)**	**SW846 8321A**
PETN	**103**	**(49 - 129)**	**SW846 8321A**
RDX	**101**	**(73 - 118)**	**SW846 8321A**
Tetryl	**105**	**(30 - 170)**	**SW846 8321A**
1,3,5-Trinitrobenzene	**101**	**(67 - 118)**	**SW846 8321A**
2,4,6-Trinitrotoluene	**88**	**(66 - 117)**	**SW846 8321A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(69 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 Work Order #...: HJG371AC Matrix.....: WATER
LCS Lot-Sample#: R5H290000-577
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 17:45
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Amino-2,6-dinitrotoluene	**0.500**	**0.506**	**ug/L**	**101**	**SW846 8321A**
2-Amino-4,6-dinitrotoluene	**0.500**	**0.514**	**ug/L**	**103**	**SW846 8321A**
1,3-Dinitrobenzene	**0.500**	**0.483**	**ug/L**	**97**	**SW846 8321A**
2,4-Dinitrotoluene	**0.500**	**0.487**	**ug/L**	**97**	**SW846 8321A**
2,6-Dinitrotoluene	**0.500**	**0.491**	**ug/L**	**98**	**SW846 8321A**
HMX	**0.500**	**0.479**	**ug/L**	**96**	**SW846 8321A**
Nitrobenzene	**0.500**	**0.447**	**ug/L**	**89**	**SW846 8321A**
Nitroglycerin	**0.500**	**0.631**	**ug/L**	**126**	**SW846 8321A**
3-Nitrotoluene	**0.500**	**0.461**	**ug/L**	**92**	**SW846 8321A**
2-Nitrotoluene	**0.500**	**0.453**	**ug/L**	**91**	**SW846 8321A**
4-Nitrotoluene	**0.500**	**0.464**	**ug/L**	**93**	**SW846 8321A**
PETN	**0.500**	**0.514**	**ug/L**	**103**	**SW846 8321A**
RDX	**0.500**	**0.504**	**ug/L**	**101**	**SW846 8321A**
Tetryl	**0.500**	**0.527**	**ug/L**	**105**	**SW846 8321A**
1,3,5-Trinitrobenzene	**0.500**	**0.507**	**ug/L**	**101**	**SW846 8321A**
2,4,6-Trinitrotoluene	**0.500**	**0.440**	**ug/L**	**88**	**SW846 8321A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(69 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 Work Order #...: HJHG11AC Matrix.....: WATER
LCS Lot-Sample#: R5H300000-085
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 16:16
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Amino-2,6-dinitrotoluene	**96**	**(63 - 120)**	**SW846 8321A**
2-Amino-4,6-dinitrotoluene	**123 a**	**(68 - 122)**	**SW846 8321A**
1,3-Dinitrobenzene	**113**	**(66 - 122)**	**SW846 8321A**
2,4-Dinitrotoluene	**109**	**(68 - 118)**	**SW846 8321A**
2,6-Dinitrotoluene	**122 a**	**(66 - 118)**	**SW846 8321A**
HMX	**109**	**(76 - 142)**	**SW846 8321A**
Nitrobenzene	**85**	**(68 - 117)**	**SW846 8321A**
Nitroglycerin	**94**	**(42 - 136)**	**SW846 8321A**
3-Nitrotoluene	**84**	**(38 - 128)**	**SW846 8321A**
2-Nitrotoluene	**79**	**(46 - 124)**	**SW846 8321A**
4-Nitrotoluene	**87**	**(49 - 124)**	**SW846 8321A**
PETN	**121**	**(49 - 129)**	**SW846 8321A**
RDX	**113**	**(73 - 118)**	**SW846 8321A**
Tetryl	**104**	**(30 - 170)**	**SW846 8321A**
1,3,5-Trinitrobenzene	**110**	**(67 - 118)**	**SW846 8321A**
2,4,6-Trinitrotoluene	**107**	**(66 - 117)**	**SW846 8321A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 Work Order #...: HJHG11AC Matrix.....: WATER
LCS Lot-Sample#: R5H300000-085
Prep Date.....: 08/30/05 Analysis Date..: 09/10/05
Prep Batch #...: 5242085 Analysis Time..: 16:16
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Amino-2,6-dinitrotoluene	**0.500**	**0.482**	**ug/L**	**96**	**SW846 8321A**
2-Amino-4,6-dinitrotoluene	**0.500**	**0.616 a**	**ug/L**	**123**	**SW846 8321A**
1,3-Dinitrobenzene	**0.500**	**0.567**	**ug/L**	**113**	**SW846 8321A**
2,4-Dinitrotoluene	**0.500**	**0.544**	**ug/L**	**109**	**SW846 8321A**
2,6-Dinitrotoluene	**0.500**	**0.609 a**	**ug/L**	**122**	**SW846 8321A**
HMX	**0.500**	**0.547**	**ug/L**	**109**	**SW846 8321A**
Nitrobenzene	**0.500**	**0.424**	**ug/L**	**85**	**SW846 8321A**
Nitroglycerin	**0.500**	**0.470**	**ug/L**	**94**	**SW846 8321A**
3-Nitrotoluene	**0.500**	**0.419**	**ug/L**	**84**	**SW846 8321A**
2-Nitrotoluene	**0.500**	**0.396**	**ug/L**	**79**	**SW846 8321A**
4-Nitrotoluene	**0.500**	**0.435**	**ug/L**	**87**	**SW846 8321A**
PETN	**0.500**	**0.606**	**ug/L**	**121**	**SW846 8321A**
RDX	**0.500**	**0.567**	**ug/L**	**113**	**SW846 8321A**
Tetryl	**0.500**	**0.518**	**ug/L**	**104**	**SW846 8321A**
1,3,5-Trinitrobenzene	**0.500**	**0.548**	**ug/L**	**110**	**SW846 8321A**
2,4,6-Trinitrotoluene	**0.500**	**0.534**	**ug/L**	**107**	**SW846 8321A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(69 - 111)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 Work Order #...: HJDHE1AC-MS Matrix.....: WATER
MS Lot-Sample #: D5H260313-021 HJDHE1AD-MSD
Date Sampled...: 08/24/05 14:50 Date Received..: 08/26/05
Prep Date.....: 08/29/05 Analysis Date..: 09/01/05
Prep Batch #...: 5241577 Analysis Time..: 20:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Amino-2,6-dinitrotoluene	80	(57 - 132)			SW846 8321A
	93	(57 - 132)	16	(0-40)	SW846 8321A
2-Amino-4,6-dinitrotoluene	82	(61 - 131)			SW846 8321A
	85	(61 - 131)	4.6	(0-40)	SW846 8321A
1,3-Dinitrobenzene	97	(62 - 127)			SW846 8321A
	97	(62 - 127)	0.81	(0-40)	SW846 8321A
2,4-Dinitrotoluene	96	(58 - 130)			SW846 8321A
	94	(58 - 130)	0.06	(0-40)	SW846 8321A
2,6-Dinitrotoluene	89	(59 - 126)			SW846 8321A
	92	(59 - 126)	5.2	(0-40)	SW846 8321A
HMX	77	(20 - 156)			SW846 8321A
	76	(20 - 156)	0.75	(0-50)	SW846 8321A
Nitrobenzene	85	(22 - 129)			SW846 8321A
	87	(22 - 129)	4.6	(0-40)	SW846 8321A
Nitroglycerin	113	(19 - 126)			SW846 8321A
	144 a	(19 - 126)	25	(0-40)	SW846 8321A
3-Nitrotoluene	77	(20 - 123)			SW846 8321A
	85	(20 - 123)	11	(0-50)	SW846 8321A
2-Nitrotoluene	88	(20 - 134)			SW846 8321A
	85	(20 - 134)	1.3	(0-50)	SW846 8321A
4-Nitrotoluene	81	(21 - 131)			SW846 8321A
	84	(21 - 131)	5.4	(0-50)	SW846 8321A
PETN	67	(35 - 154)			SW846 8321A
	81	(35 - 154)	21	(0-40)	SW846 8321A
RDX	100	(55 - 141)			SW846 8321A
	99	(55 - 141)	0.87	(0-40)	SW846 8321A
Tetryl	81	(20 - 126)			SW846 8321A
	79	(20 - 126)	0.08	(0-40)	SW846 8321A
1,3,5-Trinitrobenzene	89	(48 - 135)			SW846 8321A
	89	(48 - 135)	1.5	(0-40)	SW846 8321A
2,4,6-Trinitrotoluene	87	(59 - 129)			SW846 8321A
	87	(59 - 129)	1.2	(0-40)	SW846 8321A

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDHE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-021 HJDHE1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(37 - 121)
	85	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDHE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-021 HJDHE1AD-MSD
Date Sampled...: 08/24/05 14:50 **Date Received..:** 08/26/05
Prep Date.....: 08/29/05 **Analysis Date..:** 09/01/05
Prep Batch #...: 5241577 **Analysis Time..:** 20:25
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Amino-2,6-dinitrotoluene	ND	0.481	0.385	ug/L	80		SW846 8321A
	ND	0.489	0.453	ug/L	93	16	SW846 8321A
2-Amino-4,6-dinitrotoluene	ND	0.481	0.396	ug/L	82		SW846 8321A
	ND	0.489	0.414	ug/L	85	4.6	SW846 8321A
1,3-Dinitrobenzene	ND	0.481	0.469	ug/L	97		SW846 8321A
	ND	0.489	0.473	ug/L	97	0.81	SW846 8321A
2,4-Dinitrotoluene	ND	0.481	0.460	ug/L	96		SW846 8321A
	ND	0.489	0.460	ug/L	94	0.06	SW846 8321A
2,6-Dinitrotoluene	ND	0.481	0.427	ug/L	89		SW846 8321A
	ND	0.489	0.450	ug/L	92	5.2	SW846 8321A
HMX	ND	0.481	0.369	ug/L	77		SW846 8321A
	ND	0.489	0.372	ug/L	76	0.75	SW846 8321A
Nitrobenzene	ND	0.481	0.407	ug/L	85		SW846 8321A
	ND	0.489	0.427	ug/L	87	4.6	SW846 8321A
Nitroglycerin	ND	0.481	0.545	ug/L	113		SW846 8321A
	ND	0.489	0.703	ug/L	144 a	25	SW846 8321A
3-Nitrotoluene	ND	0.481	0.369	ug/L	77		SW846 8321A
	ND	0.489	0.414	ug/L	85	11	SW846 8321A
2-Nitrotoluene	ND	0.481	0.422	ug/L	88		SW846 8321A
	ND	0.489	0.416	ug/L	85	1.3	SW846 8321A
4-Nitrotoluene	ND	0.481	0.390	ug/L	81		SW846 8321A
	ND	0.489	0.411	ug/L	84	5.4	SW846 8321A
PETN	ND	0.481	0.321	ug/L	67		SW846 8321A
	ND	0.489	0.397	ug/L	81	21	SW846 8321A
RDX	ND	0.481	0.479	ug/L	100		SW846 8321A
	ND	0.489	0.483	ug/L	99	0.87	SW846 8321A
Tetryl	ND	0.481	0.388	ug/L	81		SW846 8321A
	ND	0.489	0.388	ug/L	79	0.08	SW846 8321A
1,3,5-Trinitrobenzene	ND	0.481	0.428	ug/L	89		SW846 8321A
	ND	0.489	0.435	ug/L	89	1.5	SW846 8321A
2,4,6-Trinitrotoluene	ND	0.481	0.420	ug/L	87		SW846 8321A
	ND	0.489	0.425	ug/L	87	1.2	SW846 8321A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDHE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-021 HJDHE1AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(37 - 121)
	85	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDG51AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-018 HJDG51AD-MSD
Date Sampled...: 08/24/05 11:25 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 03:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Amino-2,6-dinitrotoluene	116	(57 - 132)			SW846 8321A
	103	(57 - 132)	16	(0-40)	SW846 8321A
2-Amino-4,6-dinitrotoluene	118	(61 - 131)			SW846 8321A
	103	(61 - 131)	18	(0-40)	SW846 8321A
1,3-Dinitrobenzene	121	(62 - 127)			SW846 8321A
	116	(62 - 127)	8.3	(0-40)	SW846 8321A
2,4-Dinitrotoluene	118	(58 - 130)			SW846 8321A
	111	(58 - 130)	9.9	(0-40)	SW846 8321A
2,6-Dinitrotoluene	122	(59 - 126)			SW846 8321A
	115	(59 - 126)	9.8	(0-40)	SW846 8321A
HMX	77	(20 - 156)			SW846 8321A
	68	(20 - 156)	16	(0-50)	SW846 8321A
Nitrobenzene	99	(22 - 129)			SW846 8321A
	100	(22 - 129)	3.3	(0-40)	SW846 8321A
Nitroglycerin	105	(19 - 126)			SW846 8321A
	98	(19 - 126)	11	(0-40)	SW846 8321A
3-Nitrotoluene	96	(20 - 123)			SW846 8321A
	87	(20 - 123)	14	(0-50)	SW846 8321A
2-Nitrotoluene	97	(20 - 134)			SW846 8321A
	88	(20 - 134)	14	(0-50)	SW846 8321A
4-Nitrotoluene	100	(21 - 131)			SW846 8321A
	96	(21 - 131)	7.8	(0-50)	SW846 8321A
PETN	124	(35 - 154)			SW846 8321A
	95	(35 - 154)	31	(0-40)	SW846 8321A
RDX	125	(55 - 141)			SW846 8321A
	111	(55 - 141)	16	(0-40)	SW846 8321A
Tetryl	102	(20 - 126)			SW846 8321A
	95	(20 - 126)	11	(0-40)	SW846 8321A
1,3,5-Trinitrobenzene	129	(48 - 135)			SW846 8321A
	120	(48 - 135)	11	(0-40)	SW846 8321A
2,4,6-Trinitrotoluene	95	(59 - 129)			SW846 8321A
	102	(59 - 129)	3.0	(0-40)	SW846 8321A

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDG51AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-018 HJDG51AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(37 - 121)
	101	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDG51AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-018 HJDG51AD-MSD
Date Sampled...: 08/24/05 11:25 **Date Received..:** 08/26/05
Prep Date.....: 08/30/05 **Analysis Date..:** 09/11/05
Prep Batch #...: 5242085 **Analysis Time..:** 03:25
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Amino-2,6-dinitrotoluene	ND	0.496	0.574	ug/L	116		SW846 8321A
	ND	0.477	0.489	ug/L	103	16	SW846 8321A
2-Amino-4,6-dinitrotoluene	ND	0.496	0.586	ug/L	118		SW846 8321A
	ND	0.477	0.492	ug/L	103	18	SW846 8321A
1,3-Dinitrobenzene	ND	0.496	0.601	ug/L	121		SW846 8321A
	ND	0.477	0.553	ug/L	116	8.3	SW846 8321A
2,4-Dinitrotoluene	ND	0.496	0.586	ug/L	118		SW846 8321A
	ND	0.477	0.531	ug/L	111	9.9	SW846 8321A
2,6-Dinitrotoluene	ND	0.496	0.605	ug/L	122		SW846 8321A
	ND	0.477	0.549	ug/L	115	9.8	SW846 8321A
HMX	ND	0.496	0.382	ug/L	77		SW846 8321A
	ND	0.477	0.324	ug/L	68	16	SW846 8321A
Nitrobenzene	ND	0.496	0.494	ug/L	99		SW846 8321A
	ND	0.477	0.478	ug/L	100	3.3	SW846 8321A
Nitroglycerin	ND	0.496	0.520	ug/L	105		SW846 8321A
	ND	0.477	0.465	ug/L	98	11	SW846 8321A
3-Nitrotoluene	ND	0.496	0.476	ug/L	96		SW846 8321A
	ND	0.477	0.413	ug/L	87	14	SW846 8321A
2-Nitrotoluene	ND	0.496	0.482	ug/L	97		SW846 8321A
	ND	0.477	0.419	ug/L	88	14	SW846 8321A
4-Nitrotoluene	ND	0.496	0.497	ug/L	100		SW846 8321A
	ND	0.477	0.459	ug/L	96	7.8	SW846 8321A
PETN	ND	0.496	0.615	ug/L	124		SW846 8321A
	ND	0.477	0.452	ug/L	95	31	SW846 8321A
RDX	ND	0.496	0.620	ug/L	125		SW846 8321A
	ND	0.477	0.528	ug/L	111	16	SW846 8321A
Tetryl	ND	0.496	0.504	ug/L	102		SW846 8321A
	ND	0.477	0.452	ug/L	95	11	SW846 8321A
1,3,5-Trinitrobenzene	ND	0.496	0.642	ug/L	129		SW846 8321A
	ND	0.477	0.573	ug/L	120	11	SW846 8321A
2,4,6-Trinitrotoluene	ND	0.496	0.472	ug/L	95		SW846 8321A
	ND	0.477	0.486	ug/L	102	3.0	SW846 8321A

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D5H260313 **Work Order #...:** HJDG51AC-MS **Matrix.....:** WATER
MS Lot-Sample #: D5H260313-018 HJDG51AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(37 - 121)
	101	(37 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005

Page 6 of 27

Address	Telephone Number (Area Code)/Fax Number	Lab Location
ADOM Services - DuPont CRG	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMTBURG

Project Number/Name	Carrier/Waybill Number
BAR	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-307335-772000/LBIU-65332 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	EXP8321L
BAR-G-29380C-INFLOW	8-24-5	1415	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other ______

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	8/19/05	0900	1. Received By [signature]	8/23/05	1400
2. Relinquished By [signature]	8-25-5	1000	2. Received By [signature]	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 17 of 21
E.I. Dupont De Nemours and Co	Cary Fooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADOM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMARBERG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE UNDER # : 7065-507355-77000/LD10-65652 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: TAT
BAR-6-7125OH INFLUX	8-24-5	1529	WATER	1L	AMBER	2	None		X

Special Instructions Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		8/24/05	0900		8/23/05	1400
2.		8-25-5	1000		8/24/05	0930
3.						

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

51° 8/26/05

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

40013

Client	Project Manager	Date	Page 3 of 27
E.I. Dupont De Nemours and Co	Gary Fowler	08/19/2005	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
ADOM Services - DuPont CRG	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMERBERG

Project Number/Name	Carrier/Waybill Number
BAR	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-50/305 772000/LBIO-65532 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis
BAR-G-27190E-INFLOW	8-24-5	1655	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	8/19/05	0900	1. Received By [signature]	8/23/05	1400
2. Relinquished By [signature]	8-25-5	1000	2. Received By [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 10 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	09/19/2005	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
ADDM Services - DuPont CRG	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMERBURG

Project Number/Name	Carrier/Waybill Number
BAR	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8[illegible]
BAR-G-71270H-INFLON	8-24-5	1535	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	8/19/05	0900	1. [signature]	8/23/05	1400
2. [signature]	8-25-5	1000	2. [signature]	8/26	0930
3.			3.		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

49820

Client	Project Manager	Date	Page 10 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/30/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADUM Services - DuPont CR6	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBERG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-50/350-77000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	PCB 8082
BAR-G-19310E INFLOW-DUP	8-24-5	1405	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/25/05	1400
2. Relinquished By	8/25/5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy*

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

4817

STL4149 (1202)

Client	Project Manager	Date	Page 1 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/17/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADUM Services - DuPont CR6	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMERMAN
Project Number/Name			**Carrier/Waybill Number**
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-307335-772000/L810-6533X			QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-G-29440C-INFLOW	8-24-5	1435	WATER	1L	AMBER	2	None	
Protocol C								

Special Instructions

Possible Hazard Identification

[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal

[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

[X] Normal [ ] Rush [ ] Other _____

QC Level

[ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/24/05	0900	1. Received By	8/25/05	1400
2. Relinquished By	8-25-5	1010	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

4.3°

8/26/05

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 4 of 22
E.I. Dupont De Nemours and Co	Cary Fooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADGM Services - DuPont CRG	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMOND
Project Number/Name		**Carrier/Waybill Number**	
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507350-77200/LB10-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis
BAR-G-27250C-INFLOW	8-24-5	1245	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/22/05	1400
2. Relinquished By	8/25/5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

40625

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 15 of 27
E.I. Dupont De Nemours and Co	Cary Fooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADGM Services - DuPont CRG	(000) / (000)	STL Denver	

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMERBURG

Project Number/Name	Carrier/Waybill Number
BAR	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments
BAR-G-71210H-INFLOW	9-24-5	1515	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	8/19/05	0900	1. Received By [signature]	8/23/05	1400
2. Relinquished By [signature]	9-25-5	1000	2. Received By [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 16 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADCM Services - DuPont (AR)	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMERLING
Project Number/Name			**Carrier/Waybill Number**
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7033A-507355-772000/LB10-45362 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-6-71230H-INFLOW	8-24-5	1522	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

4.4°
8/26/05

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 5 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADEN Services - DuPont CR&D	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMERBURG
Project Number/Name			**Carrier/Waybill Number**
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7038-607305-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Exp. 08/31/2005
BAR-6-29310E-INFLOW	8-24-5	1405	WATER	1L	AMBER	2	None		X
BAR-6-29430E-INFLOW	8-24-5	1425	"	"	"	"	"		X
BAR-6-29238E-INFLOW	8-24-5	1215	"	"	"	"	"		X
BAR-6-29240E-INFLOW	8-24-5	1220	"	"	"	"	"		X

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0800	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

49930

Client: E.I. Dupont De Nemours and Co	Project Manager: Cary Pooler	Date: 08/19/2005	Page 20 of 27
Address: ADAM Services - DuPont CRG	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	Analysis
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: JON HAMMERBURG		
Project Number/Name: BAR	Carrier/Waybill Number:		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: EXPO3211X
BAR-G-30095M-INFLOW	8-24-5	1555	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26/05	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

STL4149 (1202)

Client	Project Manager	Date	Page 21 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
4DGM Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-60332 QUOTE: 39077

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-G-30175M-INFLUN	8-24-5	1540	WATER	1L	AMBER	2	None	
Protocol C								

Special Instructions

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy*

Chain of Custody Record

STL4149 (1202)

2.8° 8/26/05

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

48836

Client: E.I. Dupont De Nemours and Co	Project Manager: Gary Pooler	Date: 08/19/2005
Address: ADOM Services - DuPont CRG	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington / State: DE / Zip Code: 19805	Site Contact: JON HAMMERBURG	
Project Number/Name: BAR	Carrier/Waybill Number:	
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LDIO-65332		QUOTE: 39097

Page 24 of 27

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321LX
BAR-G-71450H-INFLOW	8-24-5	1621	WATER	1L	AMBER	2	None		

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 25 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADOM Services - DuPont CRG	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMERBURG
Project Number/Name			**Carrier/Waybill Number**
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-307355-772000/LBID-65332 QUOTE: 30097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	EXT 8021L
BAR-6-71470H-IN-LOW	8-24-5	1631	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8.25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

STL4149 (1202)

Client	Project Manager	Date	Page 1 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADOM Services - DuPont CR6	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19805	JON HAMMERBURG
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-307355-772000/LB10-63332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-G-2702HE-INFLUX	8/04/05	1125	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☑ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/11/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 27 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ACQN Services - DuPont CNG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : /035-507305-772000/LPIO-65332 QUOTE: W097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	FXFB321L
BAR-G-290255-INFLOW-MS	8/24/05	1125	WATER	1L	AMBER	2	None		X
BAR-G-290255-INFLOW-MSD	↓	↓	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol L

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy*

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

STL4149 (1202)

Client	Project Manager	Date	Page 24 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
ADDM Services - DuPont CRG	(000) / (000)	STL Denver	
City / State / Zip Code	Site Contact		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	Carrier/Waybill Number		
88R			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LB10-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-W-71500M-INFLUN	8-24-5	1645	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	1400	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample. CANARY - Returned to Client with Report: PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

41633

STL4149 (1202)

Client	Project Manager	Date	Page 19 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/17/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADQM Services - DuPont CRG	(000) / (000)	STL Denver	
City	**State**	**Zip Code**	**Site Contact**
Wilmington	DE	19806	JON HAMMERBURG
Project Number/Name			**Carrier/Waybill Number**
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-6-30C75N-INFLOW	8-24-5	1455	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1700
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

4881.9

STL4149 (1202)

Client	Project Manager	Date	Page 7 of 22
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADQM Services - DuPont CR6	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-6-29745C-INFLOW	8-24-5	1450	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

43821

Client	Project Manager	Date
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005

Page 11 of 27

Address	Telephone Number (Area Code)/Fax Number	Lab Location
ADGM Services - DuPont CRG	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMERBURG

Project Number/Name: BAR

Carrier/Waybill Number:

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBID 65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321L
BAR-G-21145E-IN-LOW-MS	8-24-5	1450	WATER	1L	AMBER	2	None		X
BAR-G-21145E-IN-LOW-MSD	8-24-5	1450	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/17/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1600	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3.6' MB 8/26/05

C3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 1 of 27
E.I. Dupont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADSM Services - DuPont CRG	(000) / (000)	STL Denver	
City	**State** / **Zip Code**	**Site Contact**	
Wilmington	DE / 19805	JON HAMMARLUND	
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-007395-772000/L810-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-G-2/7005-INFLOW	8-24-5	1445	WATER	1L	AMBER	2	None	
BAR-G-30175MB-INFLOW	8/24/05	1552	Water	1L	Amber	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3.1° [illegible] 8/26/05

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co	Project Manager: Cary Pooler	Date: 08/19/2005
Address: ADGM Services - DuPont CRG	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: JON HAMMERBURG	
Project Number/Name: BAR	Carrier/Waybill Number:	
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355 772000/LBIO-65332		QUOTE: 39077

Page 2 of 27

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments
BAR 0-29406-INFLOW	8-24-5	1235	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL4149 (1202)

Client	Project Manager	Date	Page 22 of 27
E.I. DuPont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ASGN Services - DuPont CRG	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERBURG		
Project Number/Name	**Carrier/Waybill Number**		
BAR			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 7035-507330-772000/LBID-65532		QUOTE: 39077	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	PCB's 8021
BAR-G-3015VM-INFLOW	8-24-5	1411	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		8/25/05	0900		8/25/05	1400
2.		8-25-5	1000		8/26	0930
3.		Date	Time		Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

CHAIN OF CUSTODY NUMBER

STL4149 (1202)

Client	Project Manager	Date	Page 12 of 27
E.I. DuPont De Nemours and Co	Cary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
ADOM Services - DuPont CR&D	(000) / (000)	STL Denver	
City / **State** / **Zip Code**	**Site Contact**		
Wilmington / DE / 19805	JON HAMMERMAN		
Project Number/Name	**Carrier/Waybill Number**		
BAR			

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LDIO-65XX2 QUOTE: 39077

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments
BAR-S-709X0H-INFLOW	8-24-5	1500	WATER	1L	AMBER	2	None	

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/19/05	0900	1. Received By	8/23/05	1400
2. Relinquished By	8-25-5	1000	2. Received By	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL** Severn Trent Laboratories, Inc.

Client: E.I. Dupont De Nemours and Co	Project Manager: Cary Pooler	Date: 08/19/2005
Address: ADUA Services - DuPont CRG	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: JON HAMMERBURG	
Project Number/Name: BAR	Carrier/Waybill Number:	
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507355-772000/LBIO-65332		QUOTE: 39097

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Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321L
BAR-G-71075H-INFLOW	8/24/05	1115	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Page 14 of 27
E.I. Dupont De Nemours and Co	Gary Pooler	08/19/2005	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
ADQM Services - DuPont CRG	(000) / (000)	STL Denver	

City	State	Zip Code	Site Contact
Wilmington	DE	19805	JON HAMMERBURG

Project Number/Name	Carrier/Waybill Number
BAR	

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507355-772000/L810-65332 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: EXP8321L
BAR-G-71205H-INFLOW	8-24-5	1505	WATER	1L	AMBER	2	None		X

Special Instructions: Protocol C

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	8/19/05	0900	1. Received By: [signature]	8/23/05	1400
2. Relinquished By: [signature]	8-25-5	1000	2. Received By: [signature]	8/26	0930
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy